EOSDIS Core System Project

Version 2 Release 5A.00 Version Description Document (VDD) for the ECS Project

August 5, 1999

Raytheon Systems Company
Upper Marlboro, Maryland

Version 2 Release 5A.00
Version Description Document (VDD)
for the ECS Project

August 5, 1999

Prepared Under Contract NAS5-60000

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Preface

This document is submitted as required by the ECS Contract and does not require Government approval.

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Abstract

This document describes the contents of the Version 2 Release 5A.00 delivery. Version 2 Release 5A.00 will be delivered to the Distributed Active Archive Centers (DAACs) as a part of the final pre-launch delivery. This document describes the configuration for Release 5A.00. This includes:

- Custom software released as of July 28, 1999

- Commercial off-the shelf (COTS) hardware and software

- Public domain software.

This document also provides a description of the product capabilities, inventory of the delivery, and any information pertinent to the installation and operations of this product.

Keywords: 4PX, 4PY, 5A, CCR, code, configuration, COTS, epsilon, gamma, hardware, mapping, inventory, listing, NCR, release, software, tar file, version,

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Document Number	**Status/Issue**	**Publication Date**	**CCR Number**
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1.   Introduction

1.1   Identification

This is a Version Description Document (VDD) prepared using NASA-STD-2100 as a guide. It is submitted as part of the ECS Version 2.0 delivery for the Earth Observing System Data and Information System (EOSDIS) Core System (ECS), contract number NAS5-60000.

1.2   Scope

This document describes the delivery contents of the ECS Version 2.0 Release 5A.00 components including commercial off-the shelf (COTS) hardware and software, custom software, and accompanying documentation.

1.3   Purpose

The purpose of this document is to describe the contents and summarize the capabilities developed as the ECS Version 2.0 Release 5A.00 (referred to as 5A) delivery. 5A will be deployed to the four Distributed Active Archive Centers (DAACs) and the System Monitoring and Coordination Center (SMC) as a part of the final pre-launch delivery.

1.4   Status and Schedule

This VDD is submitted as a final document.

1.5   Organization

Except as described below, the format and contents of this document comply with NASA-DID-M600 and NASA-DID-999 as defined in NASA-STD-2100-91. Additional paragraphs and subparagraphs have been added in sections as appropriate to their volume and contents.

- Introduction — Introduces the documents scope, purpose, objectives, status, schedule, and document organization.

- Related Documentation — Provides a bibliography of reference documents for the VDD organized by parent and binding subsections.

- Product Description — Describes the overall capabilities of the ECS Version 2.0 system with emphasis on the Release 5A software.

- Inventory — Tar file listings for Release 5A, documentation, and archive tape.

- Non-conformance Status — Discusses known problems with Release 5A and lists Non-conformance Reports (NCRs) with open status and NCRs closed with this release.

- Appendices — Contain supplemental information such as: adaptation data, installation notes, 5A limitations, and tar file listings.

- Abbreviations and Acronyms — Contains an alphabetized list of the definitions for abbreviations and acronyms.

2. Related Documentation

2.1 Parent Documents

The parent document is the document from which this Version 2.0 Release 5A.00 Version Description Document (VDD) for the ECS Project scope and content are derived.

423-41-01   ECS Statement of Work

423-41-02   EOSDIS Core System Statement of Work

NASA-STD-2100-91   NASA Software Documentation Standard, Software Engineering Program

2.2 Applicable Documents

The following documents are referenced within this Version 2.0 Release 5A.00 VDD for the ECS Project, or are directly applicable, or contain policies or other directive matters that are binding upon the content of this volume.

305-CD-500   Release 5A Segment/Design Specification for the ECS Project

311-CD-101   Data Distribution Server Database Design and Schema Specification Draft

311-CD-500   Release 5A Data Management Subsystem Database Design and Database Schema Specifications for the ECS Project

311-CD-501   Release 5A INGEST Database Design and Schema Specifications for the ECS Project

311-CD-502   Release 5A Interoperability Subsystem Database Design and Database Schema Specifications for the ECS Project

311-CD-503   Release 5A Planning and Data Processing Subsystem Database Design and Schema Specifications for the ECS Project

311-CD-504   Release 5A Science Data Server Database Design and Schema Specifications for the ECS Project

311-CD-505   Release 5A Storage Management and Database Distribution and Schema Specifications for the ECS Project

311-CD-506   Release 5A Subscription Server Subsystem Database Design and Schema Specifications for the ECS Project

311-CD-507	Release 5A Systems Management Subsystem Database Design and Schema Specifications for the ECS Project
313-CD-500	Release 5A Internal ICD for the ECS Project
333-CD-500	Release 5A SDP Toolkit Users Guide for the ECS Project
603-CD-003	ECS Operational Readiness Plan for the ECS Project
609-CD-500	Release 5A Operations Tools Manual
611-CD-500	Release 5A Mission Operations Procedures for the ECS Project
618-CD-100	Replacement Part List and Spare Parts List for the ECS Project
625-CD-504	ECS Project Training Material, Volume 4: System Administration
814-RD-500	Release 5A SCF Toolkit 5.2.4 Version Description Document (VDD) for the ECS Project
814-RD-501	HDF-EOS 2.5 Version Description Document (VDD) for the ECS Project

2.3   Information Documents

2.3.1 Information Documents Referenced

The following documents are referenced herein and, amplify or clarify the information presented in this document. These documents are not binding on the content of the Version 2.0 Drop 4P1 Version Description Document (VDD) for the ECS Project.

212-WP-002	Game Plan for the ECS Project
(910-series)	
910-TDA-001	COTS SOFTWARE Version Baseline Report, ECS-wide Subsystem Baseline, Drop 4PX
910-TDA-005-Rev07	Site-Host Map Report
910-TDA-008-Rev03	Custom Code Wiring Diagram
910-TDA-010-Rev02	ECS COTS Software Version Baseline-Development and Operations
910-TDA-503	COTS SOFTWARE Version Baseline Report, ECS-wide Subsystem Baseline, Drop 4PY
910-TDA-603	COTS SOFTWARE Version Baseline Report, ECS-wide Subsystem Baseline, Drop 5A
911-TDA-001 Rev02	Release B HP-UX 10.20 Patch List for Series 700 Machines

911-TDA-004 Rev05	Release B SGI IRIX 6.2 Patch List
911-TDA-007 Rev02	Release B B0 Sun Solaris 2.5.1 Patch List
911-TDA-008 Rev00	Clearcase Patch Baseline
(920-series)	
920-TDE-001	EDC Hardware Diagram (Design
920-TDG-001	GSFC Hardware Diagram (Design)
920-TDL-001	LaRC Hardware Diagram (Design)
920-TDN-001	NSIDC Hardware Diagram (Design)
920-TDS-001	SMC Hardware Diagram (Design)
920-TDV-101	VATC-SMC Hardware Diagram (Design)
920-TDE-002	EDC Hdwe/Sfwe Mapping (COTS
920-TDG-002	GSFC Hdwe/Sfwe Mapping (COTS)
920-TDL-002	LaRC Hdwe/Sfwe Mapping (COTS
920-TDN-002	NSIDC Hdwe/Sfwe Mapping (COTS)
920-TDS-002	SMC Hdwe/Sfwe Mapping (COTS)
920-TDV-102	VATC-SMC Hdwe/Sfwe Mapping (COTS)
920-TDE-502	Hardware-Software Map EDC Operation Subsystem Baseline, Drop 4PY
920-TDG-502	Hardware-Software Map GSFC Operation Subsystem Baseline, Drop 4PY
920-TDL-502	Hardware-Software Map LaRC Operation Subsystem Baseline, Drop 4PY
920-TDN-502	Hardware-Software Map NSIDC Operation Subsystem Baseline, Drop 4PY
920-TDS-502	Hardware-Software Map SMC Operation Subsystem Baseline, Drop 4PY
920-TDV-502	Hardware-Software Map VATC-SMC Operation Subsystem Baseline, Drop 4PY
920-TDN-602	Hardware-Software Map NSIDC Operation Subsystem Baseline, Drop 5A

CM-1-020   Version Description Document (VDD) Preparation Guidelines, ECS
                  Project Instruction

CM-1-031   Developed Application Versioning, ECS Project

3. Product Description

The following section describes the overall capabilities the ECS Version 2.0 system with emphasis on the Release 5A.00 ECS software. For a complete lists of the features and capabilities by iterations incorporated in the Release 5A see the ECS Verification database web site at:

http://satc.gsfc.nasa.gov/ECSV/ecsvpage.html

3.1 Version 2.0 General Capabilities

Version 2.0 is the initial formal version beyond the Testbed. Version 2.0 capabilities include all functions critical to mission success at launch and for initial science activities related to support of the AM-1 and Landsat-7 satellites and their instruments. The Release 5A.00 will be delivered to the DAACs as a part of the final pre-launch delivery. For a detailed description of Version 2.0 capabilities and component descriptions refer to *Release 5A Segment/Design Specification for the ECS Project* (305-CD-500.)

3.1.1 ECS Custom Software Components

The Version 2.0 custom software include:

- Client Subsystem (CLS)

- Communication Subsystem (CSS)

- Data Management Subsystem (DMS)

- Data Processing Subsystem (DPS)

- Data Server Subsystem (DSS)

- ESDT

- Ingest Subsystem (INS)

- Interoperability Subsystem (IOS)

- Management Support Subsystem (MSS)

- Planning Subsystem (PLS)

- Toolkit

- V0_Client

- COM

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3.2 Overview of 5A Capabilities

Release 5A will be installed at the GSFC, LaRC, EDC, and NSIDC DAACs. It contains all the capabilities from previous iterations, plus the additional capabilities described in Table 3-1. In addition, the 5A delivery provides Y2K compliance capability.

The new capabilities provided with the Release 5A include:

Table 3-1. Summary of 5A Capability (1 of 2)

Capability Key	Category	Subcategory	Capability Statement
121	Ingest	Data Type Preprocessing	ASTER L1A/L1B data types - GPOLYGON
171	Ingest	Internal	Orbit data from FDD
200	Ingest	Data Type Preprocessing	Sage III data types - MOC
201	Ingest	Data Type Preprocessing	Sage III data types - SCF
210	Ingest	Data Type Preprocessing	DAS data types for 5A
215	Ingest	Data Type Preprocessing	Standard ECS Product Ingest (LaTIS, MOPITT, SCF, cross-mode production)
216	Ingest	Internal	Distribution Ingest - LaTIS II
290	Ingest	Internal	ASTER DEM (interactive)
590	Planning	Production Planning Workbench	Production rule: Optional DPRs
1315 (pending)	Processing		DPREP Replacement Ephemeris Data
1954	Data Management	Data Dictionary	Mtool Collection to Info Mgr mapping and Insert/Delete Info Mgrs
1956	Data Management	Data Dictionary	Mtool Attribute Editing
2220	SDSRV	Search / Inspect	Truncate results message
2460	SDSRV	Internal	Handle variations on search areas and product-specific spatial representations

Table 3-1. Summary of 5A Capability (2 of 2)			
Capability Key	**Category**	**Subcategory**	**Capability Statement**
2604	SDSRV	Add ESDTs	Move EVT file to the database
2615	SDSRV	Internal	Out of Memory Condition
Not Available	SDSRV	Fault Recovery	Persistent Asynchronous Acquires
3486	Database Development Management	System Administration	SQL Monitor
3790	System Mgmt	SMC	Trouble ticket consolidation using Remedy
3881	System Mgmt	Mode Management	Recovery from faults identified in failure/recovery walkthrough - Mode Management
3913	System Mgmt	Manage Applications	HPOV - Allow for cross machine startup/shutdown.
4390	Infrastructure	Subscription Services	Encryption of FTP password

3.3   Detailed Objectives

Table 3-2. 5A Detailed Description (1 of 3)		
Functionality	**Capability**	**Description**
INGEST	Landsat 7 IGS Metadata 0 (Capability 0425)	The capability to ingest Landsat 7 IGS Metadata 0 data.
INGEST	MOPITT data types	The capability to ingest MOPITT data types via the SIPS interface.
INGEST	MODAPS data types	The capability to ingest MODAPS data types via the SIPS interface.
INGEST	Additional DAS data types (Capability 0211)	The capability to ingest DAS data types.

Table 3-2. 5A Detailed Description (2 of 3)

Functionality	Capability	Description
INGEST	EMOS (Capability 10004)	The capability to ingest the daily activity schedule from EMOS.
INGEST	Orbit data from FDD	The capability to ingest FDD orbit data via polling with DR.
INGEST	Sage III data types - MOC	Perform direct insert SAAGE_III MOC granules to SDSRV via Polling w/DR.
INGEST	Sage III data types - SCF	Perform direct insert of SAGE_III_SCF granules to SDSRV via Polling w/DR.
INGEST	DAS data types for 5A	The capability to ingest and process SIPS science granules together with a associated browse, and/or a QA, and/or PH.
INGEST	Standard ECS Product Ingest (LaTIS, MOPITT, SCF, cross-mode production)	Provide the capability to ingest standard ECS products, including LaTIS, via the SIPS interface.
INGEST	Distribution Ingest - LaTIS II	The capability for a user to ingest data already resident in the ECS system across a mode in the same DAAC or across DAACs .
INGEST	ASTER DEM (interactive)	The capability to ingest ASTER DEM 14K
PDPS	Production rule: Optional DPRs	TBS
PDPS	DPREP Replacement Ephemeris Data	The capability to processes orbit, attitude, and ephemeris data into toolkit native format and HDF
Data Management	Mtool Collection to Info Mgr mapping and Insert/Delete Info Mgrs	The capability for operators to insert and delete rows within the DmDdInfoMgrCollXref via the MaintenanceTool GUI.
Data Management	Mtool Attribute Editing	This enables the user to add a new ECS Attribute to the data dictionary database. Further, editing and deleting an existing ECS attribute is possible.
SDSRV	Truncate results message	SDSRV has a configuration file that limits the number of granules returned from a single search request. In the event this limit is reached, a message indicating search results truncation is included in the client's request results.
SDSRV	Delete from Archive	A new SDSRV service that deletes science granule data from the archive without deleting the corresponding metadata. This service belongs to the ESDT category (same as other delete services), its service name is "DELETEFROMARCHIVE" (DsCGeDeleteFromArchive).

Table 3-2. 5A Detailed Description (3 of 3)

Functionality	Capability	Description
SDSRV	Handle variations on search areas and product-specific spatial representations	This capability adds a new logical attribute name (SpatialCoverage) to the list of searchable Inventory Metadata. The ESDT Descriptor files contain a new Collection Level Metadata attribute named spatialSearchType, which identifies the spatial type used at the Inventory level
SDSRV	Move EVT file to the database	Currently, SDSRV stores event information in flat files. This capability will move that information to the SDSRV database.
SDSRV	Out of Memory Condition	SDSRV reserves a block of memory for its process during startup, and monitors the usage of this memory each time a request is received. If the percentage of free memory falls below the LOWMEMORY setpoint, all low priority requests are rejected. Once the VERYLOWMEMORY setpoint is reached, all requests are rejected.
SDSRV	Persistent Asynchronous Acquires	SDSRV is modified to persist Asynchronous Acquire Requests that don't include a callback function.
SYSTEM MANAGMENT	Trouble ticket consolidation using Remedy	This capability enables the Remedy Action Request System (ARS) (COTS) at the DAACs and the SMC to automatically forward a copy of a closed trouble ticket to the SMC's Remedy ARS ECS Closed Trouble Ticket database for ECS trouble tickets consolidation purposes.
SYSTEM MANAGMENT	Recovery from faults identified in failure/recovery walkthrough - Mode Management	This enables the user to add or remove a mode from the Active Mode file. The Subagent running on the ECS host will detect this change and notify OpenView which will update the submaps to reflect the change of status
SYSTEM MANAGMENT	HPOV - Allow for cross machine startup/shutdown.	The capability to startup and shutdown an entire mode via HPOV.
Infrastructure	Encryption of FTP password	Encryption of the SBSRV FTP password in the SDSRV database.

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4.   Inventory

4.1   Archive Tape

The following magnetic tape was used to archive the delivered baseline configuration of the developed software.

Tape No. 904-PR-067-001

Label: ECS Release 5A.00

Distribution Date: July 29, 1999

Contents:

5A_EPSILON_hp10_19990701_085948_Pkg.tar.gz

5A_EPSILON_hp10_19990701_085948_Setup.ksh

DROP5A_EPSILON_FINAL_PATCH_hp10.tar.gz

5A_EPSILON_sgi6n32_19990701_090434_Pkg.tar

5A_EPSILON_sgi6n32_19990701_090434_Setup.ksh

DROP5A_EPSILON_FINAL_PATCH_sgi6n32.tar.gz

5A_EPSILON_sun5.5_19990701_150223_Pkg.tar

5A_EPSILON_sun5.5_19990701_150223_ Setup.ksh

DROP5A_EPSILON_FINAL_PATCH_sun5.5.tar

5A_EPSILON_TOOLKIT_sgi6n32_19990702_074823_Pkg.tar

5A_EPSILON_TOOLKIT_sgi6n32_19990702_074823_Setup.ksh

4.2   Physical Architecture

The Physical Architecture of a system is the allocation of the software components to the available hardware configuration. It should be noted that the Physical Architecture could vary from installation to installation. Indeed this will be the case for the ECS.

4.2.1 COTS Software Version Baseline

The data in Table 4-1 was extracted from the *COTS Software Version Baseline Report* (910-TDA-603 Rev 00). The date of configuration was July 13, 1999. Table 4-2 provides the Patch Baseline data.

Table 4-1: Drop 5A COTS SOFTWARE VERSION
ECS-wide Subsystem Baseline (1 of 6)

ECS NAME	*	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	PRINCIPAL DIRECTORY
Zebra Bar-One Platinum		DSS	PC	Platinum Technology	4.3	(c:) barone\bin
MIPSpro C Compiler		IDG	SGI	Silicon Graphics Inc	7.2.1	/usr/bin/
MIPSpro C ++ Compiler		IDG	SGI	Silicon Graphics Inc	7.2.1	/usr/lib/
FORTRAN 77 Compiler		IDG	SUN	SUN Microsystems Inc	4.0	/opt/SUNWspro/bin
MIPSpro FORTRAN 77 Compiler		IDG	SGI	Silicon Graphics Inc	7.2.1	/usr/WorkShop/usr/bin
MIPSpro FORTRAN 90 Compiler		IDG	SGI	Silicon Graphics Inc	7.2.1	/usr/WorkShop/usr/bin
FORCHECK		IDG	SUN	Computerware Inc	12.30	/usr/ecs/<mode>/COTS/forcheck
jre	F	CLS	SUN	SUN Microsystems Inc	1.1.7B	/usr/ecs/<mode>/COTS/jre
Gnu Unzip	F	IDG	HP	Freeware	1.2.4	/tools/bin
Gnu Unzip	F	IDG	SUN	Freeware	1.2.4	/tools/bin
Gnu Zip	F	IDG	HP	Freeware	1.2.4	/tools/bin
Gnu Zip	F	IDG	SUN	Freeware	1.2.4	/tools/bin
ACCELL		MSS	SUN	Unify Corp	2.0.7.2.0	/usr/ecs/<mode>/COTS/accell
ClearCase		MSS	SGI	Rational Software Corp	3.1.1	/usr/atria
ClearCase		MSS	SUN	Rational Software Corp	3.1.1	/usr/atria
ClearCase Lic./Registry Host		MSS	SUN	Rational Software Corp	3.1.1	/usr/atria
DDTS		MSS	SUN	Rational Software Corp	4.1	/usr/ecs/<mode>/COTS/ddts
XRP II		MSS	SUN	HTG Corporation	3.1 (patch 1)	/usr/ecs/<mode>/COTS/xrp
DCE App. Develop. Tool Kit		IDG	HP	Hewlett Packard Corp	1.5	/usr/lib
DCE App. Develop. Tool Kit		IDG	SUN	Transarc Corporation	1.1	/usr/lib
DCE Cell Manager Host Agent		IDG	HP	Dascom	1.6.2	/opt/cellmgr/bin
DCE Cell Manager Host Agent		IDG	SGI	Dascom	1.6.2	/opt/cellmgr/bin
DCE Cell Manager Host Agent		IDG	SUN	Dascom	1.6.2	/opt/cellmgr/bin
DCE Cell Manager Mgmt. Agent		IDG	HP	Dascom	1.6.2	/opt/cellmgr/bin
DCE Client		IDG	HP	Hewlett Packard Corp	1.5	/opt/dcelocal.
DCE Client		IDG	SGI	Silicon Graphics Inc	1.1C	/opt/dcelocal
DCE Client		IDG	SUN	Transarc Corporation	1.1	/opt/dcelocal
DCE Server		IDG	SUN	Transarc Corporation	1.1	/opt/dcelocal
ProDev Workshop		IDG	SGI	Silicon Graphics Inc	2.7	/usr/CaseVision
SoftBench for C++		IDG	HP	Hewlett Packard Corp	5.25	/opt/CC/bin
Visual Workshop		IDG	SUN	SUN Microsystems Inc	2.1	/opt/SUNWspro/bin
BuilderXcessory		MSS	HP	Integrated Computer Solutions	3.5.1	/tools/bx
BuilderXcessory		MSS	SGI	Integrated Computer Solutions	3.5.1	/tools/bx
BuilderXcessory		MSS	SUN	Integrated Computer Solutions	3.5.1	/tools/bx
Epak/GraphPak		IDG	HP	Integrated Computer Solutions	2.5	/tools/bx/epak25/doc
Epak/GraphPak		IDG	SGI	Integrated Computer Solutions	2.5	/tools/bx/epak25/doc
Epak/GraphPak		IDG	SUN	Integrated Computer Solutions	2.5	/tools/bx/epak25/doc
TCL/Tk: Expect	F	MSS	HP	Freeware	5.22.0	/tools/bin
TCL/Tk: Expect	F	MSS	SGI	Freeware	5.22.0	/tools/bin
TCL/Tk: Expect	F	MSS	SUN	Freeware	5.22.0	/tools/bin
TCL/Tk: Expectk	F	MSS	HP	Freeware	5.22.0	/tools/bin
TCL/Tk: Expectk	F	MSS	SGI	Freeware	5.22.0	/tools/bin
TCL/Tk: Expectk	F	MSS	SUN	Freeware	5.22.0	/tools/bin
TCL/Tk: Tclsh	F	MSS	HP	Freeware	7.6p2	/tools/bin
TCL/Tk: Tclsh	F	MSS	SGI	Freeware	7.6p2	/tools/bin

* Commodity Codes: F = freeware; S = shareware

ECS NAME	*	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	PRINCIPAL DIRECTORY
TCL/Tk: Tclsh	F	MSS	SUN	Freeware	7.6p2	/tools/bin
TCL/Tk: Wish	F	MSS	HP	Freeware	4.2p2	/tools/bin
TCL/Tk: Wish	F	MSS	SGI	Freeware	4.2p2	/tools/bin
TCL/Tk: Wish	F	MSS	SUN	Freeware	4.2p2	/tools/bin
Exabyte Driver	F	SED-HW	SUN	Exabyte Corp	1.3	/dev/chgr
DiskSuite	F	SED-HW	SUN	SUN Microsystems Inc	4.0	/usr/opt/SUNWmd/sbin
RAID Driver		SED-HW	SGI	Data General	2.3	/usr/raid5
Veritas		SED-HW	SUN	SUN Microsystems Inc	2.4	/opt/vxva
Acrobat Reader	F	IDG	SGI	Adobe Systems Inc	3.0	/tools/bin/Acrobat3/Reader
Acrobat Reader	F	IDG	SUN	Adobe Systems Inc	3.0	/tools/bin/Acrobat3/Reader
EMACS	F	IDG	HP	Freeware	19.31.1	/tools/bin
EMACS	F	IDG	SGI	Freeware	19.30.9	/tools/bin
EMACS	F	IDG	SUN	Freeware	19.28.1	/tools/bin
GhostView	F	PDPS	SUN	Freeware	1.5	/tools/bin
IDL		IDG	SGI	Research Systems Inc.	5.1	/usr/ecs/<mode>/COTS/idl_5/bin
IDL		IDG	SUN	Research Systems Inc.	5.1	/usr/ecs/<mode>/COTS/idl_5/bin
ACSLS		SED	SUN	StorageTek	5.3	/export/home
AMASS 4.9.1.1		SED-HW	SGI	EMASS	4.9.1.1 (rev 16)	/usr/amass
AMASS 4.9.1.3		SED-HW	SGI	EMASS	4.9.1.3 (rev 27)	/usr/amass
AML Mgt Unit (AMU) Software		SED-HW	PS/2	EMASS	2.40E	c:\amu
DAS		SED-HW	PS/2	EMASS	1.3C7	c:/das
TCP Wrappers	F	MSS	HP	Freeware	7.4	/etc/wrappers/tcpd
TCP Wrappers	F	MSS	SGI	Freeware	7.4	/etc/wrappers/tcpd
TCP Wrappers	F	MSS	SUN	Freeware	7.4	/etc/wrappers/tcpd
ssh secure shell commercial	F	SED-HW	PC	Data Fellows	1.1	/usr/sbin
ssh secure shell comrcl client	F	SED-HW	HP	Data Fellows	1.3.3	/tools/bin
ssh secure shell comrcl client	F	SED-HW	SGI	Data Fellows	1.3.3	/tools/bin
ssh secure shell comrcl client	F	SED-HW	SUN	Data Fellows	1.3.3	/tools/bin
ssh secure shell comrcl server	F	SED-HW	HP	Data Fellows	1.3.3	/usr/sbin
ssh secure shell comrcl server	F	SED-HW	SGI	Data Fellows	1.3.3	/usr/sbin
ssh secure shell comrcl server	F	SED-HW	SUN	Data Fellows	1.3.3	/usr/sbin
ssh secure shell free client	F	SED-HW	HP	Freeware	1.2.26	/tools/bin
ssh secure shell free client	F	SED-HW	SGI	Freeware	1.2.26	/tools/bin
ssh secure shell free client	F	SED-HW	SUN	Freeware	1.2.26	/tools/bin
ssh secure shell free server	F	SED-HW	HP	Freeware	1.2.26	/usr/sbin
ssh secure shell free server	F	SED-HW	SGI	Freeware	1.2.26	/usr/sbin
ssh secure shell free server	F	SED-HW	SUN	Freeware	1.2.26	/usr/sbin
Portable Application Library		MSS	PC	Percon	3.4	n/a
Cisco Internetwork OS IOS		SED-HW	RTR	Cisco Systems Inc	11.3	n/a
REL SW(fc1)ROM: GS SW RSP-JV-M		SED-HW	RTR	Cisco Systems Inc	11.3	n/a
System Bootstrap		SED-HW	EHUB	Cisco Systems Inc	11.3	n/a
BOOTPROM		SED-HW	EHUB	Cabletron	1.33.02	n/a
Flash Image		SED-HW	EHUB	Cabletron	1.33.02	n/a
Synoptics FDDI Concentrator		SED-HW	FDDI	Synoptics	TBD	n/a
FDDI Module PROM		SED-HW	FDDI	Fore Systems	7fp_1.13(s1.13)1997.0	n/a

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* Commodity Codes: F = freeware; S = shareware

Table 4-1: Drop 5A COTS SOFTWARE VERSION
ECS-wide Subsystem Baseline (3 of 6)

ECS NAME	*	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	PRINCIPAL DIRECTORY
FDDI Module Runtime		SED-HW	FDDI	Fore Systems	8fddiPH_FT_4.1.8 1998	n/a
Packet Engine PROM		SED-HW	FDDI	Fore Systems	pe2p.2.0.0 1998.OS.06	n/a
Packet Engine Runtime		SED-HW	FDDI	Fore Systems	pe2-PH_FT_4.1.8 1998.	n/a
HiPPi Adapter firmware		SED-HW	SGI	Essential	27161144	In_HIPPI_Adapter
EEMM		SED-HW	HPPI	Essential	v2.05	n/a
Firmware SCC		SED-HW	HPPI	Essential	2.23	n/a
SSU (microcode) for STK CTU		SED-HW	SCTU	StorageTek	6.2.3	/export/home
Flare Code (RAID Controller)		SED-HW	HP	Hewlett Packard Corp	8.61	n/a
Flare Code(SGI RAID Controller		SED-HW	SGI	Silicon Graphics Inc	9.55.1	n/a
Flare Code(STK RAID Controller		SED-HW	SGI	StorageTek	9.09	n/a
RAID PROM		SED-HW	HP	Hewlett Packard Corp	1.63	n/a
RAID PROM		SED-HW	SGI	Silicon Graphics Inc	1.73	n/a
RAID PROM (Phoenix)		SED-HW	SGI	StorageTek	1.63	n/a
LMU (microcode) for STK Libr.		SED-HW	SLMU	StorageTek	1.6.11	/export/home
LSM		SED-HW	SLSM	StorageTek	3.4.01	/export/home
Microcode for IBM 3590		IDG	AML2	EMASS	19.678	(TBS)
RS (microcode) for STK D=3		SED-HW	S-D3	StorageTek	4.2.1	/export/home
ArcInfo		IDG	SUN	Environmental Sys Research Inc	7.1.2	/data1/arcexe712/sysgen
JetAdmin	F	IDG	PC	Hewlett Packard Corp	2.3.3	C:\windows\system
JetAdmin	F	IDG	SUN	Hewlett Packard Corp	D.02.10	/opt/hpnp
HiPPI SW		SED-HW	SGI	Silicon Graphics Inc	2.2	As required by the OS
Netscape Browser		IDG	HP	Netscape Communications Corp	3.0	/tools/bin/netscape
Netscape Browser		IDG	SGI	Netscape Communications Corp	3.0	/tools/bin/netscape
Netscape Browser		IDG	SUN	Netscape Communications Corp	3.0	/tools/bin/netscape
Netscape Enterprise Server		CLS	HP	Netscape Communications Corp	2.02a	/usr/ecs/<mode>/COTS/ns-home
Netscape Enterprise Server		CLS	SGI	Netscape Communications Corp	2.02a	/usr/ecs/<mode>/COTS/ns-home
Netscape Enterprise Server		CLS	SUN	Netscape Communications Corp	3.0	/tools/bin/netscape
DBTools.h++		IDG	HP	Rogue Wave	2.1.1	/tools/rogue70_new
DBTools.h++		IDG	SGI	Rogue Wave	2.1.1	/tools/rogue70_new
DBTools.h++		IDG	SUN	Rogue Wave	2.1.1	/tools/rogue70_new
HDF Libraries		IDG	SGI	Nat.Cntr.Supercomputing Appl.	4.1r1	/usr/ecs/<mode>/COTS/lib/HDF
HDF Libraries		IDG	SUN	Nat.Cntr.Supercomputing Appl.	4.1r1	/usr/ecs/<mode>/COTS/lib/HDF
IMSL C Libraries		IDG	SGI	Visual Numerics	2.0	/usr/ecs/<mode>/COTS/lib/IMSL/lib
IMSL FORTRAN Libraries		IDG	SGI	Visual Numerics	3.0	/tools/imsl/vni/versions
Net.h++		IDG	HP	Rogue Wave	7.0.2	/tools/rogue70_new
Net.h++		IDG	SGI	Rogue Wave	7.0.2	/tools/rogue70_new
Net.h++		IDG	SUN	Rogue Wave	7.0.2	/tools/rogue70_new
Tools.h++		IDG	HP	Rogue Wave	7.0.2	/tools/rogue70_new
Tools.h++		IDG	SGI	Rogue Wave	7.0.2	/tools/rogue70_new
Tools.h++		IDG	SUN	Rogue Wave	7.0.2	/tools/rogue70_new
FLEXlm		MSS	SGI	Globetrotter	6.1	/usr/etc
FLEXlm		MSS	SUN	Globetrotter	6.1	/opt/SUNWste/license_tools
iFOR/LS		MSS	HP	Gradient Technologies	3.0.0	/opt/ifor
BDS		SED-HW	SGI	Silicon Graphics Inc	2.0p0	/usr/etc

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Table 4-1: Drop 5A COTS SOFTWARE VERSION
ECS-wide Subsystem Baseline (4 of 6)

ECS NAME	*	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	PRINCIPAL DIRECTORY
Legato Networker Client		MSS	HP	Legato Systems	5.5	/usr/ecs/<mode>/COTS/nsr
Legato Networker Client		MSS	SGI	Legato Systems	5.5	/usr/ecs/<mode>/COTS/nsr
Legato Networker Client		MSS	SUN	Legato Systems	5.5	/usr/ecs/<mode>/COTS/nsr
Legato Networker Server		MSS	SUN	Legato Systems	5.5.Build.38b	/usr/bin
HP OpenView		MSS	HP	Hewlett Packard Corp	4.11	/usr/ecs/ops/COTS/OV
Microsoft Office Professional		MSS	PC	Microsoft Corp.	Win95, Version 7.0	(TBS)
HP-UX		IDG	HP	Hewlett Packard Corp	10.20	As required by the OS
IRIX		IDG	SGI	Silicon Graphics Inc	6.2	As required by the OS
OS/2 Warp		IDG	E-A2	Intl Business Machine	3.0	As required by the OS
OS2 FixPak		SED-HW	PS/2	Intl Business Machine	X2W032	c:\os2
Solaris 2.5.1		IDG	SUN	SUN Microsystems Inc	2.5.1	As required by the OS
Solaris 2.6		IDG	SUN	SUN Microsystems Inc	2.6	As required by the OS
Windows		IDG	PC	Microsoft Corp.	Win95/Plus	As required by the OS
AutoSys		PDPS	SUN	Platinum Technology	3.4_Release_2	/usr/ecs/ops/COTS/autosys/bin
AutoSys Remote Agent		PDPS	SGI	Platinum Technology	3.4_Release_2	/usr/ecs/ops/COTS/autosys/bin
AutoSys Remote Agent		PDPS	SUN	Platinum Technology	3.4_Release_2	/usr/ecs/ops/COTS/autosys/bin
AutoSys Xpert		PDPS	SUN	Platinum Technology	3.4_Release_2	/usr/ecs/ops/COTS/autosys/bin
Connect ODBC		DDM	PC	Merant	1.12	(TBS)
DBVision		DDM	HP	Platinum Technology	3.1.8	/usr/ecs/<mode>/COTS/dbVision
Open Client/C		DDM	PC	Sybase Inc	10.0.3	/usr/ecs/<mode>/COTS/sybase
Open Client/C		DDM	SGI	Sybase Inc	11.1.1	/usr/ecs/<mode>/COTS/sybase
Open Client/C (isql & bcp)		DDM	HP	Sybase Inc	10.0.4	/tools/syb0c11.1.1/bin
Open Client/C (isql & bcp)		DDM	SUN	Sybase Inc	10.0.4	/tools/syb0c11.1.1/bin
Open Client/C (no isql, bcp)		DDM	HP	Sybase Inc	11.1.0	/tools/syb0c11.1.0/bin
Open Client/C (no isql, bcp)		DDM	SUN	Sybase Inc	11.1.0	/tools/syb0c11.1.0/bin
Replication Server		DDM	HP	Sybase Inc	11.0.3	/usr/ecs/<mode>/COTS/sybase
SQL Monitor		DDM	HP	Sybase Inc	11.0.1	/usr/ecs/<mode>/COTS/sybase/SMS
SQL Monitor		DDM	SUN	Sybase Inc	11.0.1	/usr/ecs/<mode>/COTS/sybase/SMS
SQL Server 11.0.3.3		DDM	HP	Sybase Inc	11.0.3.3	/usr/ecs/<mode>/COTS/sybase
SQL Server 11.0.3.3		DDM	SGI	Sybase Inc	11.0.3.3	/usr/ecs/<mode>/COTS/sybase
SQL Server 11.0.3.3		DDM	SUN	Sybase Inc	11.0.3.3	/usr/ecs/<mode>/COTS/sybase
SQL Server Monitor		DRM	SUN	Sybase Inc	11.5.1	/usr/ecs/ops/COTS/sybase
Spatial Query Server (SQS)		DDM	SGI	Autometrics	2.2.2.29A	/usr/ecs/<mode>/COTS/sqs222/sqs
TextBridge Pro		DSS	PC	XEROX	Pro96 for Win95	(TBS)
Anlpassword	F	MSS	HP	Freeware	2.3	/usr/local
Anlpassword	F	MSS	SGI	Freeware	2.3	/usr/local
Anlpassword	F	MSS	SUN	Freeware	2.3	/usr/local
Crack	F	MSS	SUN	Freeware	4.1	/usr/local/solaris/crack
Kerbnet		MSS	HP	CYGNUS Support	1.0	/usr/cygnus
Kerbnet		MSS	SGI	CYGNUS Support	1.0	/usr/cygnus
Kerbnet		MSS	SUN	CYGNUS Support	1.0	/usr/cygnus
SATAN	F	MSS	SUN	Freeware	1.1.1	/usr/local/solaris/satan-1.1.1
Tripwire	F	MSS	HP	Freeware	1.2	/etc/tripwire-1.2
Tripwire	F	MSS	SGI	Freeware	1.2	/etc/tripwire-1.2

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* Commodity Codes: F = freeware; S = shareware

Table 4-1: Drop 5A COTS SOFTWARE VERSION
ECS-wide Subsystem Baseline (5 of 6)

ECS NAME	*	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	PRINCIPAL DIRECTORY
Tripwire	F	MSS	SUN	Freeware	1.2	/etc/tripwire-1.2
Performance Co-Pilot Collector		DSS	SGI	Silicon Graphics Inc	1.2	/var/pcp
Performance Co-Pilot Monitor		DSS	SGI	Silicon Graphics Inc	1.2	/var/pcp
LoadRunner		IDG	SUN	Mercury Interactive	4.0	/tools/lrunner
Pure-Coverage		IDG	SUN	Rational Software Corp	1.2	/tools/purecov
Purify		IDG	HP	Rational Software Corp	3.2	/tools/purify
Purify		IDG	SGI	Rational Software Corp	4.0.1	/tools/purify
Purify		IDG	SUN	Rational Software Corp	4.0.1	/tools/purify
Top	F	IDG	SUN	Unknown	3.4	/tools/bin
Traceroute		IDG	HP	Unknown	1.3.111.1	/tools/bin
Traceroute		IDG	SGI	Unknown	1.17	/tools/bin
Traceroute		IDG	SUN	Unknown	1.17	/tools/bin
Xrunner		IDG	SUN	Mercury Interactive	4.0.1	/tools/xrunner/bin
Tivoli Server: Admin		MSS	HP	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli
Tivoli Server: Courier		MSS	HP	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli
Tivoli Server: Ent Con Log Adp		MSS	HP	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli
Tivoli Server: Ent Cons RDBMS		MSS	HP	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli
Tivoli Server: Enterprise Cons		MSS	HP	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli
Tivoli Server: Mgt Platform		MSS	HP	Tivoli Systems Inc	3.1	/usr/ecs/<mode>/COTS/tivoli
Tivoli Server: Sentry		MSS	HP	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli
Tivoli Server: T/EC Adapter		MSS	HP	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli
Tivoli Server: T/EC Rule Bld		MSS	HP	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli
Tivoli Server: Universal Monit		MSS	HP	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli
Tivoli Server: Unix Monitors		MSS	HP	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli
Tivoli: Admin		MSS	HP	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli
Tivoli: Admin		MSS	SGI	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli
Tivoli: Admin		MSS	SUN	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli
Tivoli: Courier		MSS	HP	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli
Tivoli: Courier		MSS	SGI	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli
Tivoli: Courier		MSS	SUN	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli
Tivoli: Ent Console Log		MSS	HP	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli
Tivoli: Ent Console Log		MSS	SGI	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli
Tivoli: Ent Console Log		MSS	SUN	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli
Tivoli: Mgt Platform		MSS	HP	Tivoli Systems Inc	3.1	/usr/ecs/<mode>/COTS/tivoli
Tivoli: Mgt Platform		MSS	SGI	Tivoli Systems Inc	3.1	/usr/ecs/<mode>/COTS/tivoli
Tivoli: Mgt Platform		MSS	SUN	Tivoli Systems Inc	3.1	/usr/ecs/<mode>/COTS/tivoli
Tivoli: Sentry		MSS	HP	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli
Tivoli: Sentry		MSS	SGI	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli
Tivoli: Sentry		MSS	SUN	Tivoli Systems Inc	3.0	/usr/ecs/<mode>/COTS/tivoli
Remedy ARS		SED-HW	HP	Remedy Corp	3.2.1	/usr/ar
Remedy ARS		SED-HW	HP	Remedy Corp	2.1.3	/usr/ar
Zmail		IDG	HP	Network Computing Devices	3.2.0	/tools/bin
Zmail		IDG	SGI	Network Computing Devices	3.2.1	/tools/bin
Zmail		IDG	SGI	Network Computing Devices	3.2.0	/tools/bin

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* Commodity Codes: F = freeware; S = shareware

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Table 4-1: Drop 5A COTS SOFTWARE VERSION
ECS-wide Subsystem Baseline (6 of 6)

ECS NAME	*	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	PRINCIPAL DIRECTORY
Zmail		IDG	SUN	Network Computing Devices	3.2.1	/tools/bin
Zmail		IDG	SUN	Network Computing Devices	3.2.0	/tools/bin
PERL	F	IDG	HP	Freeware	5.003	/tools/bin
PERL	F	IDG	SGI	Freeware	5.003	/tools/bin
PERL	F	IDG	SUN	Freeware	5.003	/tools/bin
CDE		CLS	SUN	SUN Microsystems Inc	1.0.2	/usr/dt
NCDWare		SED-HW	SUN	Network Computing Devices	4.1.141	/usr/ecs/<mode>/COTS/ncd

* Commodity Codes: F = freeware; S = shareware

Table 4-2: COTS Patch Baseline
ECS-wide Subsystem (1 of 10)

PATCH NAME	CAT	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	DESCRIPTION
5.5-001				Transarc Corporation	5.5	SUN Legato Patch
5.5-001				Transarc Corporation	5.5	SGI Legato Patch
5.5-001				Transarc Corporation	5.5	HP Legato Patch
Patch_586037			SUN	Transarc Corporation		ACSLS Patch
Patch_600585			SUN	Transarc Corporation		ACSLS Patch
patch level_2				Transarc Corporation	1.2	SUN Tripwire Patch
patch level_2				Transarc Corporation	1.2	SGI Tripwire Patch
patch level_2				Transarc Corporation	1.2	HP Tripwire Patch
patch_657				Transarc Corporation		Remedy ARS Patch
patch_716				Transarc Corporation		Remedy ARS Patch
ClearCase Patches						
3.1.1-20		IDG	SGI	Pure Software Inc	6.2	Clearcase Patch 3.1.1-20 for Irix 6.2 (64 bit)
3.1.1-20		IDG	SGI	Pure Software Inc	5.5.1	Clearcase Patch 3.1.1-20 for Solaris 5.5.1
3.1.1-21		IDG	SGI	Pure Software Inc	5.5.1	Clearcase Patch 3.1.1-21 for Solaris 5.5.1
3.1.1-30		IDG	SGI	Pure Software Inc	6.2	Clearcase Patch 3.1.1-30 for Irix 6.2 (64 bit)
3.1.1-32		IDG	SGI	Pure Software Inc	5.5.1	Clearcase Patch 3.1.1-32 for Solaris 5.5.1
3.1.1-37		IDG	SGI	Pure Software Inc	6.2	Clearcase Patch 3.1.1-37 for Irix 6.2 (64 bit)
3.1.1-37		IDG	SGI	Pure Software Inc	6.2	Clearcase Patch 3.1.1-37 for Irix 6.2 (64 bit)
3.1.1-38		IDG	SGI	Pure Software Inc	5.5.1	Clearcase Patch 3.1.1-38 for Solaris 5.5.1
3.1.1-39		IDG	SGI	Pure Software Inc	5.5.1	Clearcase Patch 3.1.1-39 for Solaris 5.5.1
3.1.1-40		IDG	SGI	Pure Software Inc	6.2	Clearcase Patch 3.1.1-40 for Irix 6.2 (64 bit)

Patch Category: C = Core (installed on all machines)   H = Hardware dependent (install where needed)
                 A = Application dependent (install where needed)   O = Other (install where needed)

Table 4-2: COTS Patch Baseline
ECS-wide Subsystem (2 of 10)

PATCH NAME	CAT	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	DESCRIPTION
3.1.1-40		IDG	SGI	Pure Software Inc	5.5.1	Clearcase Patch 3.1.1-40 for Solaris 5.5.1
3.1.1-41		IDG	SGI	Pure Software Inc	6.2	Clearcase Patch 3.1.1-41 for Irix 6.2 (64 bit)
HP DCE PATCH						
PHSS_10565	C			Hewlett Packard Corp	1.5	HP DCE/9000 1.5 cumulative patch
PHSS_10566	C			Hewlett Packard Corp	1.5	Domestic HP DCE/9000 1.5 cumulative patch
HP OS BASE PATCHES						
PHCO_10124	C			Hewlett Packard Corp		date(1)
PHCO_10125	C			Hewlett Packard Corp		rlog(1) co(1)
PHCO_10175	C			Hewlett Packard Corp		libc year2000 white paper
PHCO_10272	C			Hewlett Packard Corp		Cumulative fixes for vipw.
PHCO_10295	C			Hewlett Packard Corp		Allows umounting a disabled vxfs snapshot FS
PHCO_10576	C			Hewlett Packard Corp		cumulative sar(1) patch.
PHCO_10578	C			Hewlett Packard Corp		extendfs_hfs fix for very large file systems
PHCO_10615	C			Hewlett Packard Corp		cumulative fix for SAM convert/unconvert
PHCO_10663	C			Hewlett Packard Corp		HP-UX cut (1) cumulative patch.
PHCO_10752	C			Hewlett Packard Corp		Installation docs for B180L, C200 systems
PHCO_10848	C			Hewlett Packard Corp		patch to add new /usr/sbin/mc command
PHCO_10868	C			Hewlett Packard Corp		Cumulative sed(1) patch
PHCO_10881	C			Hewlett Packard Corp		Cumulative iconv(1) methods library patch
PHCO_10947	C			Hewlett Packard Corp		cumulative libHcurses patch
PHCO_11214	C			Hewlett Packard Corp		pw_id_map corruption and getspwent loop
PHCO_11342	C			Hewlett Packard Corp		cumulative Xcurses library patch
PHCO_11436	C			Hewlett Packard Corp		localedef(1) patch
PHCO_11437	C			Hewlett Packard Corp		ed(1) patch
PHCO_11647	C			Hewlett Packard Corp		HP-UX Upgrade Transition links patch
PHCO_11760	C			Hewlett Packard Corp		Cumulative make(1) patch
PHCO_11977	C			Hewlett Packard Corp		pax(1) cumulative patch
PHCO_12097	C			Hewlett Packard Corp		cumulative newgrp(1) patch
PHCO_12140	C			Hewlett Packard Corp		patch cleanup utility
PHCO_12184	C			Hewlett Packard Corp		useradd(1M) Cumulative patch
PHCO_12236	C			Hewlett Packard Corp		cumulative SAM trusted user patch.
PHCO_12332	C			Hewlett Packard Corp		Cumulative mediainit patch
PHCO_12355	C			Hewlett Packard Corp		acctcms(1m) patch.
PHCO_12405	C			Hewlett Packard Corp		HPDPS 2nd patch
PHCO_12435	C			Hewlett Packard Corp		fsck_hfs(1M) cumulative patch
PHCO_12512	C			Hewlett Packard Corp		Fixes incorrect output of ioscan.
PHCO_12558	C			Hewlett Packard Corp		asa(1) patch.
PHCO_12686	C			Hewlett Packard Corp		uucp(1) Cumulative patch
PHCO_12822	C			Hewlett Packard Corp		Fixes handing of >2GB dump areas.
PHCO_12833	C			Hewlett Packard Corp		Cumulative SAM Patch.
PHCO_12834	C			Hewlett Packard Corp		tztab(4) cumulative patch
PHCO_12923	C			Hewlett Packard Corp		fsck vxfs(1m) cumulative patch
PHCO_13079	C			Hewlett Packard Corp		cumulative PFS patch
PHCO_13084	C			Hewlett Packard Corp		awk(1) cumulative patch
PHCO_13198	C			Hewlett Packard Corp		dd(1) patch for block/unblock conversion
PHCO_13450	C			Hewlett Packard Corp		sysdef(1M) patch

Patch Category: C = Core (installed on all machines)   H = Hardware dependent (install where needed)
                 A = Application dependent (install where needed)   O = Other (install where needed)

Table 4-2: COTS Patch Baseline
ECS-wide Subsystem (3 of 10)

PATCH NAME	CAT	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	DESCRIPTION
PHCO_13451	C			Hewlett Packard Corp		[ef]grep(1) cumulative patch
PHCO_13500	C			Hewlett Packard Corp		sort(1) cumulative patch
PHCO_13540	C			Hewlett Packard Corp		tar(1) cumulative patch
PHCO_13544	C			Hewlett Packard Corp		cumulative patch for ls(1) utf8 changes
PHCO_13549	C			Hewlett Packard Corp		cumulative patch for find(1).
PHCO_13632	C			Hewlett Packard Corp		csh(1) cumulative patch
PHCO_13667	C			Hewlett Packard Corp		ex(1),vi(1),expreserve(1) cumulative patch.
PHCO_13677	C			Hewlett Packard Corp		ied(1) patch
PHCO_13698	C			Hewlett Packard Corp		ksh(1) cumulative patch
PHCO_13734	C			Hewlett Packard Corp		passwd(1) cumulative patch
PHCO_13793	C			Hewlett Packard Corp		fixes dump(1M) handling of active files
PHCO_13832	C			Hewlett Packard Corp		quota(1) cumulative patch
PHCO_13859	C			Hewlett Packard Corp		cummulative mksf patch
PHCO_13913	C			Hewlett Packard Corp		Cumulative login patch
PHCO_13952	C			Hewlett Packard Corp		Upgrade utilities for B180, C200, J2240 systems
PHCO_13965	C			Hewlett Packard Corp		cpio(1) - Fix -p to report number of blocks.
PHCO_13976	C			Hewlett Packard Corp		acctcon1(1m) patch
PHCO_13982	C			Hewlett Packard Corp		df(1M) cumulative patch
PHCO_14029	C			Hewlett Packard Corp		lpspool subsystem cumulative patch
PHCO_14038	C			Hewlett Packard Corp		libc cumulative header file patch
PHCO_14039	C			Hewlett Packard Corp		Set_parms year 2000 patch
PHCO_14175	C			Hewlett Packard Corp		mount(1M) cumulative patch
PHCO_14176	C			Hewlett Packard Corp		cumulative fbackup(1M)/frecover(1M) patch
PHCO_14179	C			Hewlett Packard Corp		cron(1M) and at(1) cumulative patch
PHCO_14180	C			Hewlett Packard Corp		POSIX shell cumulative patch
PHCO_14214	C			Hewlett Packard Corp		Cumulative vxdump patch.
PHCO_14220	C			Hewlett Packard Corp		sccs(1) cumulative patch
PHCO_14249	C			Hewlett Packard Corp		libcur_colr patch
PHCO_14258	C			Hewlett Packard Corp		Cumulative su patch
PHCO_14268	C			Hewlett Packard Corp		HP Disk Array Utilities w/AutoRAID Manager
PHCO_14306	C			Hewlett Packard Corp		top(1) cumulative patch
PHCO_14315	C			Hewlett Packard Corp		LVM commands cumulative patch
PHCO_14362	C			Hewlett Packard Corp		ioinitrc, assign ttys for B,C class systems
PHCO_14378	C			Hewlett Packard Corp		mkboot(1M) and rmboot(1M) patch
PHCO_14417	C			Hewlett Packard Corp		restore(1M) fix for cross-platform archives
PHCO_14511	C			Hewlett Packard Corp		libc cumulative patch
PHCO_7891	C			Hewlett Packard Corp		allows mount to turn on hfs-specific options
PHCO_7892	C			Hewlett Packard Corp		config fails with library table overflow
PHCO_8009	C			Hewlett Packard Corp		make audusr(1M) more efficient.
PHCO_8246	C			Hewlett Packard Corp		for SAM to read terminal control database
PHCO_8247	C			Hewlett Packard Corp		for SAM to update terminal control database
PHCO_8621	C			Hewlett Packard Corp		10.20 xargs patch to allow '-' as argument.
PHCO_8696	C			Hewlett Packard Corp		fixes expr(1) match operation return value
PHCO_8788	C			Hewlett Packard Corp		nice(1) patch
PHCO_8915	C			Hewlett Packard Corp		patch for last(1)
PHCO_8927	C			Hewlett Packard Corp		stty(1) patch to fix -g option.

Patch Category: C = Core (installed on all machines)   H = Hardware dependent (install where needed)
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Table 4-2: COTS Patch Baseline
ECS-wide Subsystem (4 of 10)

PATCH NAME	CAT	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	DESCRIPTION
PHCO_8935	C			Hewlett Packard Corp		Fix for vxfs volcopy with LFS disks.
PHCO_9508	C			Hewlett Packard Corp		Cumulative kermit(1) patch
PHCO_9533	C			Hewlett Packard Corp		gencat(1) cumulative patch
PHCO_9534	C			Hewlett Packard Corp		dumpmsg(1) cumulative patch.
PHCO_9535	C			Hewlett Packard Corp		findmsg(1) cumulative patch.
PHCO_9543	C			Hewlett Packard Corp		Allows umount to unmount a Stale NFS FS
PHCO_9597	C			Hewlett Packard Corp		chfn(1) cumulative patch
PHCO_9602	C			Hewlett Packard Corp		chsh(1) cumulative patch
PHKL_10163	C			Hewlett Packard Corp		fix EBUSY error if pgrp chg'd after async open
PHKL_10259	C			Hewlett Packard Corp		UFS disk space leak when mmap()'ing small files
PHKL_10460	C			Hewlett Packard Corp		Fix for pfdat page unlocking
PHKL_10759	C			Hewlett Packard Corp		hpux(1m) boot loader can not boot over PCI LAN
PHKL_10801	C			Hewlett Packard Corp		fuser(1M) misses processes blocked on fifo open
PHKL_11578	C			Hewlett Packard Corp		Fix "Audio hardware clock dead" panic
PHKL_12059	C			Hewlett Packard Corp		HFS (UFS) cumulative patch
PHKL_12339	C			Hewlett Packard Corp		VxFS (JFS) fsck fix and mount perf improvement
PHKL_12447	C			Hewlett Packard Corp		SystemV semaphores cumulative patch
PHKL_12513	C			Hewlett Packard Corp		Enable MP on systems faster than 214 MHz
PHKL_12763	C			Hewlett Packard Corp		HIL year > 2000, HIL hang, HIL bad packet patch
PHKL_12841	C			Hewlett Packard Corp		mouse syncronization fixed for 744/165L
PHKL_12951	C			Hewlett Packard Corp		kernel stack overflow panic patch
PHKL_12956	C			Hewlett Packard Corp		devswap_strategy not check B_ERROR flag in buf
PHKL_13011	C			Hewlett Packard Corp		Fix for panic in proc_close()
PHKL_13326	C			Hewlett Packard Corp		added support for PCI Mux on wsio cdio
PHKL_13611	C			Hewlett Packard Corp		Message queue hang
PHKL_13872	C			Hewlett Packard Corp		diag2 heavy I/O log, prevents diaglogd abort
PHKL_13967	C			Hewlett Packard Corp		vasusage, ACE 2 bundle cumulative patch
PHKL_14282	C			Hewlett Packard Corp		select() performance; process hang
PHKL_14288	C			Hewlett Packard Corp		Illegal vnode op, bad dir on CD_ROM cause panic
PHKL_14375	C			Hewlett Packard Corp		Data page fault from lpmc on PA 2.0 systems
PHKL_14435	C			Hewlett Packard Corp		New default NFS diskless client kernel
PHKL_14564	C			Hewlett Packard Corp		ITE Locking, VISUALIZE-FX support (MP), FX4 hang
PHKL_14852	C			Hewlett Packard Corp		PC floppy cumulative patch
PHKL_15240	C			Hewlett Packard Corp		Header file conformance for types.h and unistd.h
PHKL_16750	C			Hewlett Packard Corp		SIG_IGN/SIGCLD,LVM,JFS,PCI/SCSI cumulative patch
PHKL_8376	C			Hewlett Packard Corp		Fix vmtrace bug.
PHKL_8444	C			Hewlett Packard Corp		fix bad count of blocked processes in vmstat
PHKL_8693	A			Hewlett Packard Corp		sys/time.h fix for select(2)/C++ defects
PHKL_8779	C			Hewlett Packard Corp		panic on GSC/HSC MP machines on kernel semaphore
PHKL_9270	C			Hewlett Packard Corp		Fix for current path name in proc/thread
PHKL_9940	C			Hewlett Packard Corp		VxFS fsadm resize failure when growing >2Gb
PHNE_10010	C			Hewlett Packard Corp		ftpd patch
PHNE_10043	C			Hewlett Packard Corp		cumulative talk patch
PHNE_10494	C			Hewlett Packard Corp		BIND 4.9.6 components
PHNE_10761	C			Hewlett Packard Corp		asio0 serial port patch
PHNE_10770	C			Hewlett Packard Corp		dhcpclient for 100BT lan

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Table 4-2: COTS Patch Baseline
ECS-wide Subsystem (5 of 10)

PATCH NAME	CAT	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	DESCRIPTION
PHNE_10894	C			Hewlett Packard Corp		NFS/NIS cumulative megapatch
PHNE_11017	C			Hewlett Packard Corp		rbootd cumulative patch plus XTERM300
PHNE_11019	C			Hewlett Packard Corp		NTPv3.5 timeservices upgrade plus utilities
PHNE_11713	C			Hewlett Packard Corp		mailx(1) cumulative patch
PHNE_11728	C			Hewlett Packard Corp		and 10.30 cumulative rlogin/rlogind patch
PHNE_11748	C			Hewlett Packard Corp		gated(1M) patch
PHNE_12038	C			Hewlett Packard Corp		Streams PTY accumulative patch
PHNE_12161	C			Hewlett Packard Corp		remshd and rexecd cumulative patch
PHNE_12190	C			Hewlett Packard Corp		rdpd general patch
PHNE_12492	C			Hewlett Packard Corp		'ifalias' command patch
PHNE_12665	C			Hewlett Packard Corp		tftpd(1M) patch
PHNE_13182	C			Hewlett Packard Corp		ppl general patch
PHNE_13413	C			Hewlett Packard Corp		cumulative patch for kernel portion of Telnet
PHNE_13414	C			Hewlett Packard Corp		cumulative telnetd(1M) patch
PHNE_13800	C			Hewlett Packard Corp		Cumulative Mux and Pty Patch
PHNE_13823	C			Hewlett Packard Corp		NFS Kernel General Release & Performance Patch
PHNE_13837	C			Hewlett Packard Corp		NetTL patch for NFSv3 functionality
PHNE_14041	C			Hewlett Packard Corp		sendmail(1m) 8.8.6 cumulative patch.
PHNE_14087	C			Hewlett Packard Corp		inetd(1M) cumulative patch
PHNE_14472	C			Hewlett Packard Corp		cumulative bootpd/DHCP patch
PHNE_14501	C			Hewlett Packard Corp		LAN products cumulative Patch
PHNE_14504	C			Hewlett Packard Corp		cumulative ARPA Transport patch
PHNE_14505	C			Hewlett Packard Corp		STREAMS cumulative patch (includes XTI/TLI)
PHNE_6190	C			Hewlett Packard Corp		cumulative ocd(1M) patch
PHNE_7671	C			Hewlett Packard Corp		fixes telnet(1) binary negotiation problem
PHNE_8421	C			Hewlett Packard Corp		nettune for so_qlimit_max
PHNE_9219	C			Hewlett Packard Corp		patch for RDIST.
PHNE_9504	C			Hewlett Packard Corp		arp general patch
PHNE_9787	C			Hewlett Packard Corp		patch for RCP.
PHNE_9860	C			Hewlett Packard Corp		megapatch for elm(1)
PHSS_10053	A			Hewlett Packard Corp		performance fix for aC++ dld.sl
PHSS_10765	C			Hewlett Packard Corp		dld.sl(5) cumulative patch
PHSS_11273	C			Hewlett Packard Corp		X11R6 Font Server July97 periodic patch
PHSS_11392	C			Hewlett Packard Corp		patch for libhppa.a Overflow (+z) problem
PHSS_11482	C			Hewlett Packard Corp		SD-OV/A.01.02 SD-UX/B.10.20 cumulative patch
PHSS_11749	C			Hewlett Packard Corp		Core Screencapture July 1997 Periodic Patch
PHSS_11945	C			Hewlett Packard Corp		SoftBench Eval Patch
PHSS_12885	C			Hewlett Packard Corp		CDE localized actions Nov97 Periodic Patch
PHSS_13124	C			Hewlett Packard Corp		cumulative pxdb patch.
PHSS_13288	C			Hewlett Packard Corp		Nov 97 Periodic patch for Audio 3.15.
PHSS_13388	A			Hewlett Packard Corp		HP aC++ runtime library components (A.01.09)
PHSS_13560	C			Hewlett Packard Corp		XClients December 1997 point patch
PHSS_13898	C			Hewlett Packard Corp		Xserver cumulative patch
PHSS_13899	C			Hewlett Packard Corp		3D Common Runtime patch
PHSS_13900	C			Hewlett Packard Corp		PEX 5.1/Starbase/Hardcopy Runtime patch
PHSS_14000	C			Hewlett Packard Corp		Ace LIBCL cumulative patch

Patch Category: C = Core (installed on all machines)   H = Hardware dependent (install where needed)
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Table 4-2: COTS Patch Baseline
ECS-wide Subsystem (6 of 10)

PATCH NAME	CAT	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	DESCRIPTION
PHSS_14002	C			Hewlett Packard Corp		CDE Runtime Mar98 Periodic Patch
PHSS_14040	C			Hewlett Packard Corp		X/Motif1.2 Runtime Feb 98 Periodic Patch
PHSS_14449	C			Hewlett Packard Corp		x11r5 Imaging Subsytem Mar 98 Point Patch
PHSS_14731	A			Hewlett Packard Corp		HP C++ core library components (A.10.36)
PHSS_14732	A			Hewlett Packard Corp		HP C++ (A.10.36) to fix numerous defects
PHSS_15380	C			Hewlett Packard Corp		ld(1) and som tools cumulative patch
PHSS_15389	C			Hewlett Packard Corp		10.01 10.10 10.20 MILLI cumulative patch
PHSS_15444	A			Hewlett Packard Corp		ANSI C compiler cumulative patch.
PHSS_16292	A			Hewlett Packard Corp		OV NNM4.1x Consolidated Patch 9-24-98
PHSS_7725	C			Hewlett Packard Corp		CDE msg cat Aug96 Patch
PHSS_8629	C			Hewlett Packard Corp		MSG catalogs for multi-byte locales
PHSS_8660	C			Hewlett Packard Corp		Nov96 Periodic patch for SharedPrint MIPSpro
7.2.1 Compiler						
SG0002641	A	IDG	SGI	Silicon Graphics Inc	7.2.1	Object Instrumentation fix for WorkShop 2.6.5
SG0002909	A	IDG	SGI	Silicon Graphics Inc	7.2.1	WorkShop cvd rollup - cvd slow on startup
SGI MIPSPro 7.2.1 Comp Patches						
SG0002991	A			Silicon Graphics Inc		MIPSPro 7.2.1 and MIPSPro 7.2 dbx Debugger fixes
SG0002992				Silicon Graphics Inc		MIPSpro 7.2.1 Compiler Back-end #1
SG0003022	A			Silicon Graphics Inc		MIPSpro 7.2.1 Fortran90 Front-End #1
SG0003048	A			Silicon Graphics Inc		MIPSpro 7.2.1 C++ front-end rollup #1
SG0003065	A			Silicon Graphics Inc		MIPSpro 7.2.1 Fortran77 Front-End #1
SG0003077	A			Silicon Graphics Inc		MIPSpro 7.2.1 C front-end rollup #1
SG0003131	A			Silicon Graphics Inc		7.2.1 base compiler runtime environment for IRIX
SG0003139	A		SGI	Silicon Graphics Inc		limp rollup
SG0003140	A			Silicon Graphics Inc		7.2.1 FORTRAN runtime for IRIX 6.2/6.3/6.4/6.5 -
SGI OS Patches						
SG0001253	C		SGI	Silicon Graphics Inc		Timing race in devscsi driver
SG0001330	C		SGI	Silicon Graphics Inc		EFS rollup patch
SG0001388	C		SGI	Silicon Graphics Inc		IRIX 6.2 PPP bug fixes
SG0001397	C		SGI	Silicon Graphics Inc		sash patch for 6.2 XFS changes
SG0001406	C		SGI	Silicon Graphics Inc		X server patch for Irix 6.2
SG0001417	C		SGI	Silicon Graphics Inc		Security fix for sysmon/sgihelp for 6.2
SG0001482	C		SGI	Silicon Graphics Inc		6.2 IDE patch
SG0001492	C		SGI	Silicon Graphics Inc		ONC3; Loopback File System rollup patch
SG0001503	A			Silicon Graphics Inc		Objectserver crash with graphics cards
SG0001591	H			Silicon Graphics Inc		IO4prom 4.21 rollup patch for Challenge, Power
Challen						
SG0001598	C		SGI	Silicon Graphics Inc		Searchbook and iconbook file permissions security
patc						
SG0001615	C		SGI	Silicon Graphics Inc		NFS over TCP server support
SG0001638	C		SGI	Silicon Graphics Inc		IRIX 6.2 Routing Enhancements
SG0001639	C		SGI	Silicon Graphics Inc		mail security fix (for 6.2)
SG0001679	A			Silicon Graphics Inc		Special rollup for NFS locking FailSafe
enhancements						
SG0001723	C		SGI	Silicon Graphics Inc		IRIX 6.2 STREAMS rollup patch #3
SG0001784	C		SGI	Silicon Graphics Inc		Peer SNMP Master and Encapsulator Support

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Table 4-2: COTS Patch Baseline
ECS-wide Subsystem (7 of 10)

PATCH NAME	CAT	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	DESCRIPTION
SG0001973	C		SGI	Silicon Graphics Inc		gmemusage security hole
SG0001982	A			Silicon Graphics Inc		OpenGL remote rendering
SG0002070	C		SGI	Silicon Graphics Inc		IRIX 6.2 Networking Commands #2
SG0002090	C		SGI	Silicon Graphics Inc		xlock security fix
SG0002122	H			Silicon Graphics Inc		fix dual-head XL/Express Indigo2 for 6.2
SG0002133	C		SGI	Silicon Graphics Inc		talkd security
SG0002143	C		SGI	Silicon Graphics Inc		Mount command rollup for 6.2
SG0002147	C		SGI	Silicon Graphics Inc		Automount command rollup for IRIX 6.2
SG0002181	C		SGI	Silicon Graphics Inc		login security fixes
SG0002200	C		SGI	Silicon Graphics Inc		SCSI disk driver rollup #3
SG0002213	C		SGI	Silicon Graphics Inc		IRIX 6.2/6.3/6.4 ordist Security
SG0002239	C		SGI	Silicon Graphics Inc		security for syserr
SG0002262	C		SGI	Silicon Graphics Inc		Irix 6.2 libc rollup
SG0002278	C		SGI	Silicon Graphics Inc		Status monitor rollup
SG0002331	C		SGI	Silicon Graphics Inc		IRIX 6.2 stacker fixes
SG0002369	C		SGI	Silicon Graphics Inc		Availmon 2.1 for IRIX 6.2
SG0002414	C		SGI	Silicon Graphics Inc		netprint security for IRIX 6.2
SG0002431	C		SGI	Silicon Graphics Inc		Cachefs rollup #3 for 6.2
SG0002580	C		SGI	Silicon Graphics Inc		multiple fixes for X libraries
SG0002673	C		SGI	Silicon Graphics Inc		IRIX 6.2 Networking Kernel Rollup #6
SG0002685	H			Silicon Graphics Inc		BDS 2.0 rollup #1 for all users of bdspro-2.0
SG0002761	C		SGI	Silicon Graphics Inc		6.2 High End SCSI Rollup
SG0002791	C		SGI	Silicon Graphics Inc		Pthread library fixes
SG0002851	C		SGI	Silicon Graphics Inc		XLV Rollup #5
SG0002852	C		SGI	Silicon Graphics Inc		IGLOO (IrisGL On OpenGL) Rollup for 6.2 and 6.3
SG0002861	C		SGI	Silicon Graphics Inc		IRIX 6.2 Tape driver [TDR 5.1]
SG0002870	C		SGI	Silicon Graphics Inc		Hinv rollup for 6.2, new device support for TDR5.1
SG0002882	C		SGI	Silicon Graphics Inc		Ksh rollup
SG0002912	A	IDG	SGI	Silicon Graphics Inc	1.1c	6.2 DCE & DFS 1.1C Base Rollup #2
SG0002913	A	IDG	SGI	Silicon Graphics Inc	1.1c	6.2 DCE & DFS 1.1C Domestic Rollup #2
SG0002964	C		SGI	Silicon Graphics Inc		IRIX 6.2 STREAMS rollup #6
SG0002968	C		SGI	Silicon Graphics Inc		XFS rollup #12 for 6.2
SG0003045	C		SGI	Silicon Graphics Inc		Cachefs rollup #4 for 6.2
SG0003049	C		SGI	Silicon Graphics Inc		NFS rollup #12 for Irix 6.2
SG0003083	C		SGI	Silicon Graphics Inc		Irix 6.2 libc rollup + Y2K fixes
SG0003113	C		SGI	Silicon Graphics Inc		X server rollup for Irix 6.2, all platforms except Inf
SG0003117	C		SGI	Silicon Graphics Inc		IRIX 6.2 Networking Commands #6
SG0003138	C		SGI	Silicon Graphics Inc		Performer 2.2/2.2.1 backwards-compatability fix
SG0003185	C		SGI	Silicon Graphics Inc		ONC3 6.2 AutoFS Rollup #6
SG0003247	C			Silicon Graphics Inc		rld rollup #13
SG0003252	C			Silicon Graphics Inc		6.2 all platform kernel rollup
SUN DCE Patch						
CPL1		IDG	SUN	Transarc Corporation	1.1	Transarc (SUN) DCE Patch 1.1

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Table 4-2: COTS Patch Baseline
ECS-wide Subsystem (8 of 10)

PATCH NAME	CAT	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	DESCRIPTION
Solaris OS Patches						
103558-11	C	IDG		SUN Microsystems Inc		admintool fixes for security and missing
swmtool optio						
103582-16	C	IDG		SUN Microsystems Inc		/kernel/drv/tcp patch
103594-15	C	IDG		SUN Microsystems Inc		/usr/lib/sendmail fixes
103597-04	C	IDG		SUN Microsystems Inc		sockmod fix
103603-09	C	IDG		SUN Microsystems Inc		ftp patch
103612-41	C	IDG		SUN Microsystems Inc		libc, libnsl, nis_cachemgr and rpc.nisd patch
103622-11	C	IDG		SUN Microsystems Inc		sd driver
103627-01	C	IDG		SUN Microsystems Inc		linker
103630-10	C	IDG		SUN Microsystems Inc		ip, ifconfig and arp patch
103640-20	C	IDG		SUN Microsystems Inc		kernel patch
103663-13	C	IDG		SUN Microsystems Inc		libresolv, in.named, named-xfer, nslookup &
nstest pat						
103680-02	C	IDG		SUN Microsystems Inc		nscd/nscd_nischeck rebuild for BIND 4.9.3
103686-02	C	IDG		SUN Microsystems Inc		rpc.nisd_resolv rebuild for BIND 4.9.3
103690-06	C	IDG		SUN Microsystems Inc		cron patch
103693-02	C	IDG		SUN Microsystems Inc		/usr/kernel/fs/namefs patch
103696-04	C	IDG		SUN Microsystems Inc		/sbin/su and /usr/bin/su patch
103699-01	C	IDG		SUN Microsystems Inc		ping dumps core when packet is blocked
103738-07	C	IDG		SUN Microsystems Inc		/usr/sbin/syslogd patch
103743-01	C	IDG		SUN Microsystems Inc		XFN source modifications for BIND 4.9.3
103750-03	C	IDG		SUN Microsystems Inc		malloc segmentation faults after mallopt
103801-07	C	IDG		SUN Microsystems Inc		make, as, sccs
103817-02	C	IDG		SUN Microsystems Inc		rdist suffers from buffer overflow
103857-13	C	IDG		SUN Microsystems Inc		/kernel/drv/st patch
103866-05	C	IDG		SUN Microsystems Inc		BCP (binary compatibility) patch
103867-03	C	IDG		SUN Microsystems Inc		jsh, sh and rsh patch
103891-06	C	IDG		SUN Microsystems Inc		ksh
103903-04	C	IDG		SUN Microsystems Inc		/kernel/drv/le patch
103934-07	C	IDG		SUN Microsystems Inc		/kernel/drv/isp
103948-02	C	IDG		SUN Microsystems Inc		accounting patch
103959-07	C	IDG		SUN Microsystems Inc		lp patch
103981-13	C	IDG		SUN Microsystems Inc		glm driver patch
104010-01	C	IDG		SUN Microsystems Inc		VolMgt patch
104029-01	C	IDG		SUN Microsystems Inc		utmpd daemon run away consuming CPU resources
104055-02	C	IDG		SUN Microsystems Inc		kernel/fs/autofs patch
104166-03	C	IDG		SUN Microsystems Inc		/usr/lib/nfs/statd patch
104208-01	C	IDG		SUN Microsystems Inc		/usr/ccs/bin/yacc patch
104212-12	C	IDG		SUN Microsystems Inc		/kernel/drv/hme
104220-03	C	IDG		SUN Microsystems Inc		/usr/lib/nfs/mountd
104227-01	C	IDG		SUN Microsystems Inc		echo command patch
104246-06	C	IDG		SUN Microsystems Inc		/kernel/drv/fas
104259-05	C	IDG		SUN Microsystems Inc		tmpfs patch
104266-01	C	IDG		SUN Microsystems Inc		inetd patch, security
104283-04	C	IDG		SUN Microsystems Inc		/kernel/drv/procfs, security

Patch Category: C = Core (installed on all machines)   H = Hardware dependent (install where needed)
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Table 4-2: COTS Patch Baseline
ECS-wide Subsystem (9 of 10)

PATCH NAME	CAT	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	DESCRIPTION
104297-01	C	IDG		SUN Microsystems Inc		halt patch
104312-09	C	IDG		SUN Microsystems Inc		format patch
104317-01	C	IDG		SUN Microsystems Inc		nfsd, security
104331-07	C	IDG		SUN Microsystems Inc		/usr/sbin/rpcbind
104334-01	C	IDG		SUN Microsystems Inc		lockd, security
104380-07	C	IDG		SUN Microsystems Inc		/usr/bin/cpio patch
104433-07	C	IDG		SUN Microsystems Inc		pam securirty patch
104440-01	C	IDG		SUN Microsystems Inc		/usr/sbin/swap patch
104463-02	C	IDG		SUN Microsystems Inc		usr/bin/date patch
104490-05	C	IDG		SUN Microsystems Inc		ufsdump
104516-03	C	IDG		SUN Microsystems Inc		asppd patch
104613-01	C	IDG		SUN Microsystems Inc		/usr/lib/newsyslog patch
104650-02	C	IDG		SUN Microsystems Inc		/usr/bin/rlogin
104654-03	C	IDG		SUN Microsystems Inc		automount/automountd patch
104692-01	C	IDG		SUN Microsystems Inc		/usr/sbin/in.talkd
104708-13	H			SUN Microsystems Inc		ssd, pln, soc, ssaadm and ssafirmware patch
104735-02	C			SUN Microsystems Inc		platform/sun4m/kernel/drv/sx
104736-04	C	IDG		SUN Microsystems Inc		/usr/bin/csh
104776-02	C	IDG		SUN Microsystems Inc		libvolmgt
104795-02	C	IDG		SUN Microsystems Inc		eeprom utility patch
104816-01	C	IDG		SUN Microsystems Inc		/usr/sbin/sar patch
104818-01	C	IDG		SUN Microsystems Inc		/usr/bin/passwd patch
104820-01	C	IDG		SUN Microsystems Inc		/usr/lib/saf/listen patch
104822-01	C	IDG		SUN Microsystems Inc		/usr/lib/libadm.so.1, /usr/lib/libadm.a patch
104824-01	C	IDG		SUN Microsystems Inc		/usr/vmsys/bin/initial patch
104841-03	C	IDG		SUN Microsystems Inc		/usr/sbin/vold
104849-05	C	IDG		SUN Microsystems Inc		/kernel/fs/cachefs patch
104850-02	C	IDG		SUN Microsystems Inc		/usr/sbin/disks, /usr/lib/libdevinfo
104854-02	C	IDG		SUN Microsystems Inc		troff macro patch
104873-03	C	IDG		SUN Microsystems Inc		/usr/bin/uustat patch
104893-01	C	IDG		SUN Microsystems Inc		/kernel/sys/c2audit
104915-08	C	IDG		SUN Microsystems Inc		dr and hspw drivers
104935-01	C	IDG		SUN Microsystems Inc		/usr/sbin/in.rlogin.d
104956-04	C	IDG		SUN Microsystems Inc		/usr/sbin/in.rarpd
104958-01	C	IDG		SUN Microsystems Inc		/usr/sbin/in.rdisc
104960-01	C	IDG		SUN Microsystems Inc		/usr/sbin/snoop
104968-02	C	IDG		SUN Microsystems Inc		chkey, newky, NIS+ server
105004-10	C	IDG		SUN Microsystems Inc		pci_pci, ebus, pci, rootnex
105016-01	C	IDG		SUN Microsystems Inc		/usr/sbin/auditreduce
105044-01	C	IDG		SUN Microsystems Inc		usr/bin/renice patch
105050-01	C	IDG		SUN Microsystems Inc		/usr/bin/ps, /usr/ucb/ps
105092-01	C	IDG		SUN Microsystems Inc		/usr/sbin/sysdef, security
105165-02	C	IDG		SUN Microsystems Inc		/usr/lib/netsvc/yp/ypbind patch
105299-01	C	IDG		SUN Microsystems Inc		/kernel/mics/nfssrv
105324-02	C			SUN Microsystems Inc		SSA ses driver
105344-01	C	IDG		SUN Microsystems Inc		/usr/bin/gcore

Patch Category: C = Core (installed on all machines)   H = Hardware dependent (install where needed)
                 A = Application dependent (install where needed)   O = Other (install where needed)

Table 4-2: COTS Patch Baseline
ECS-wide Subsystem (10 of 10)

PATCH NAME	CAT	RESP ORG	VARIANT	MFR/DEV NAME	VERSION	DESCRIPTION
105352-01	C	IDG		SUN Microsystems Inc		/kernel/exec/elfexec
105520-01	C	IDG		SUN Microsystems Inc		/usr/bin/vacation, mail
105675-01	C	IDG		SUN Microsystems Inc		/usr/lib/libadm.so.1, /usr/lib/libadm.a patch
105701-01	C	IDG		SUN Microsystems Inc		/usr/sbin/sysidsys
106038-01	C	IDG		SUN Microsystems Inc		/usr/bin/mkdir patch
106382-01	C	IDG		SUN Microsystems Inc		/usr/sbin/rmmount
Sun Hardware Products						
103346-13	H			SUN Microsystems Inc		Ultra Enterprise 3x00/4x00/5x00/6x00 UNIX flashprom
104169-06	H			SUN Microsystems Inc		Ultra 2 Standalone Flash PROM Update
104288-05	H	IDG		SUN Microsystems Inc		Ultra 1E Standalone Flash PROM Update
104572-07	C	IDG		SUN Microsystems Inc		fixes in handling multicast addresses
104967-05	C	IDG		SUN Microsystems Inc		POINT PATCH for BSI chip error and nf_snmd bugs
Sun Software Products						
101242-11	A	IDG		SUN Microsystems Inc		Shared library patch for C++ 4.01,4.1, and 4.2
103461-24	C	IDG		SUN Microsystems Inc		Runtime library patch for Solaris 2.5.1
103566-34	A	IDG		SUN Microsystems Inc		Xsun patch
103670-05	A	IDG		SUN Microsystems Inc		dtcm sdtcm_convert rpc.cmsd patch
103846-06	A	IDG		SUN Microsystems Inc		libDtTerm.so.1 dtterm patch
103879-04	A	IDG		SUN Microsystems Inc		security
103882-07	A	IDG		SUN Microsystems Inc		security
103900-01	A	IDG		SUN Microsystems Inc		XView Binary Compatibility Patch
103901-10	A	IDG		SUN Microsystems Inc		Xview Patch
104093-04	A	IDG		SUN Microsystems Inc		mailtool
104178-02	A	IDG		SUN Microsystems Inc		dtmail slow delivery during autosave
104287-01	C	IDG		SUN Microsystems Inc		olwm fix
104338-02	A	IDG		SUN Microsystems Inc		libXt patch
104374-03	A	IDG		SUN Microsystems Inc		dtwm patch
104471-02	A	IDG		SUN Microsystems Inc		dtsession
104498-04	A	IDG		SUN Microsystems Inc		dtappgather
104533-03	A	IDG		SUN Microsystems Inc		OLIT Jumbo Patch
104552-03	A	IDG		SUN Microsystems Inc		dtpad, security
104661-05	A	IDG		SUN Microsystems Inc		dtfile patch
104918-01	A	IDG		SUN Microsystems Inc		file manager
104976-03	A	IDG		SUN Microsystems Inc		Calendar Manager patch
104977-01	A	IDG		SUN Microsystems Inc		perfmeter
104995-01	A	IDG		SUN Microsystems Inc		Imagetool
105251-01	A	IDG		SUN Microsystems Inc		libXt Binary Compatibility Patch
105327-01	A	IDG		SUN Microsystems Inc		sdtimage
105716-03	A	IDG		SUN Microsystems Inc		libDtSvc patch
105789-01	C	IDG		SUN Microsystems Inc		Graphics patch
105790-06	C	IDG		SUN Microsystems Inc		Security, require patch 105789
106224-01	A	IDG		SUN Microsystems Inc		filemgr (ff.core) fixes
106329-01	A	IDG		SUN Microsystems Inc		Xfuncs.h incompatible with strings.h

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Patch Category: C = Core (installed on all machines)   H = Hardware dependent (install where needed)
                 A = Application dependent (install where needed)   O = Other (install where needed)

4.3 Tar File Listings

See Appendix D for the tar file listings. The content of the tar files are listed by Checksum, Blocksize (512 bytes per block), and the filename.

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5. Non-Conformance Status

5.1 Known Problems

This section contains the list of problems closed (Section 5.2) and problems that remain unresolved (Section 5.3). The NCR list in sections 5.2 and 5.3 was last updated Wed Jul 28 17:37:47 EDT 1999. The lists of problems were found and recorded during the 5A Integration effort and captured in the formal problem tracking system, Distributed Defect Tracking System (DDTS).

Section 5.4 provides a text summary of the both Open and Close NCRs for Release 5A. The summary report include the NCR ID, Title (Description), Test Site, Severity, Status, Problem Description, and Resolution. To obtain a detailed description of the NCRs, the DDTS system can be accessed from the following WEB page:

> *http://newsroom.gsfc.nasa.gov/ddts/*

DDTS Problem Severity Definitions, on a 1-5 scale, are defined as follows:

1   Catastrophic and unrecoverable!
     Example: system crash or lost user data.

2   Severely broken and no workaround.
     Example: can't use major product function.

3   A defect that needs to be fixed but there is a workaround.
     Example: user data must be modified to work.

4   A defect that causes small impact. Easy to recover or workaround.
     Example: error messages aren't very clear.

5   Trivial defect or enhancement request.
     Example: bad layout or misuse of grammar in manual.

5.2 NCRs Closed in Release 5A

Section 5.2 contains a list of all NCRs that represent code or files that were merged during the 5A integration effort. This criteria used to generate this list of NCRs include:

1.   State = T (Assigned-Test), V (Verified), C (Closed)

2.   Subsystem leads review the list for completeness and accuracy.

The following list contains the Closed NCRs in numerical order by severity:

NCR	Subsystem	S	D	Site	NCR Title
17812	PLS	1	C	EDF	Missing if statement in PlPgeC, GenerateDprs(...)
19239	DPS	1	C	EDF	Incorrect Category Specified For DFA Command
19461	CSS	1	C	EDF	Login proxy return null session ID back
19846	DDIST	1	C	EDF	DDIST GUI will not run with new malloc functionality in Si library
20325	DDIST	1	C	Mini-DAAC	Pull Path name not included in the notification sent to the requestor
20356	INGEST	1	C	VATC	Copy of .meta file to staging disk error for D3 Ingest
20365	ESDT	1	C	EDC	Order stops during reformatting
20388	PLS	1	C	VATC	SubServer: Looses notifications and communication if Sub Mgr down
20490	INGEST	1	C	VATC	EcCsFtpScript problem concerning Drop 4PY AM1ANC Remote Ingest
20491	PLS	1	C	EDF	PRE: Core dumps on Spatial Query
20495	DPS	1	C	EDF	SSIT: Cannot insert Statics with Metadata Queries
20500	DMS	1	C	EDC	V0 GTWAY cannot both send cost and acquire
20516	INGEST	1	C	GSFC	Grib data type failed with multiple granules in PDR
20603	CSS	1	C	EDF	EcPlSubMgr fails to start up with error ds_add_entry, error 10
20613	INGEST	1	C	VATC	The copy script for AM1ANC data was not delivered/installed in Drop 4PY
20628	STMGT	1	C	EDF	Pull Monitor leaks file descriptors on startup
20643	DPS	1	C	VATC	Destaging can fail but job completes w/ success in Autosys
20656	INGEST	1	C	LaRC	ICT3 - MOP00TBL is not support in the database
20735	DMS	1	C	EDC	V0ToEcsGateway core dumps during submitting orders
20751	DPS	1	C	Mini-DAAC	SSIT: Multiple Output Logical IDs can't use same MCF
20835	COTS	1	C	EDC	EcDsStArchiveServer not killing child EcUtCopyExec processes
20893	DTS	1	C	EDC	SDSRV to HDFServer queue handling
20894	INGEST	1	C	EDC	Ingest/SDSRV mcf thread seems to hang
20895	STMGT	1	C	EDC	staging disk allocation miscalculated
21140	PLS	1	C	EDF	PlDataGranule does not correctly initialize.
21340	INGEST	1	C	VATC	Ingest of AST_L1B data fails during Preprocessing
21387	ESDT	1	C	EDC	Ordered Landsat 7 scene has inconsistent MTP
21529	PLS	1	C	EDF	PRE- Takes too long to generate PR for MISR
21565	DPS	1	C	EDF	Currently delivered ODLs and Data for DPREP is bad
21583	PLS	1	C	EDF	PRE: MISR MISQA Granules are given same granule Id
21613	INGEST	1	C	GSFC	GSFC/SMC EcInCopyAM1ANC script fails

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NCR	Subsystem	S	D	Site	NCR Title
21783	PLS	1	C	EDF	PRE: Multiple meta data granule query was broken for MISRLIKE
21878	INGEST	1	C	Mini-DAAC	Preprocessing error received for good NCEP04 data
21963	PLS	1	C	LaRC	Deadlock - Reduce duration of DPR create transaction
22629	ESDT	1	C	EDC	OPS: Scenes from subinterval over pole
22686	DPS	1	C	LaRC	Can't run DPREP
22755	IOS	1	C	VATC	ESDT failure for AP and QA ESDTs in the VATC TS1
22767	DTS	1	C	Mini-DAAC	Metadata validation fails when inserting granule
22782	DTS	1	C	VATC	SDSRV DB Missing correct ProcGetFileStorage
22783	PLS	1	C	EDF	PathNumber: Needs to be 3 digits when capairing with DSS value
22791	CSS	1	C	VATC	Static message "In EcMpMsgPsngCtrl Constructor"
22822	DTS	1	C	EDF	SDSRV coredumps during cleanup after L7 acquire
22823	PLS	1	C	EDF	PRE: Fails to retrieve shifted data if multiple logids for one datatype
22836	STMGT	1	C	LaRC	Shared data in DB Connection Manager not protected properly
22883	INGEST	1	C	VATC	EMOS polling does not work in the VATC
23101	CSS	1	C	EDF	SBSRV posted event UR to IOS server with trash characters.
23124	INGEST	1	C	VATC	Can not verify time range of Definitive Orbit Data matches the time rang
23149	DMS	1	C	EDF	V0GW: When creating an order, null order id is sent to MSS
23157	MSS	1	C	EDF	OrderManager: server does not return orderid to V0ToECSGateway
20036	PLS	1	T	Mini-DAAC	Extra entries for ESDT with "SingleDateTime" group were created when que
21238	ESDT	1	T	EDF	Insert failure for L70RWRS
20596	INGEST	1	V	EDF	5A Installation Problems for Ingest
20606	PLS	1	V	EDF	PRE fails to select time misaligned orbit based granules
21153	PLS	1	V	Mini-DAAC	GranuleMatching fails for L0 files < 1 orbit duration
11360	DPS	2	C	EDF	QA should get datatypes and science data server UR from Advertising
12311	IOS	2	C	LaRC	Tools and tarfiles needed for LARC Installation and Checkout
14779	SysBld	2	C	LaRC	OPS Default Mode Leakage in EcCoAssist
15900	DDIST	2	C	EDF	confusing messages in ALOG file.
16806	STMGT	2	C	GSFC	Stmgt install needs more definition
16820	STMGT	2	C	EDC	Email from system missing essential information
16858	MSS	2	C	EDC	MSS E-mail .iu's and .pkg's not correct
16863	SDSRV	2	C	VATC	No Notification if Subsetting/Reformatting Fails
16882	CSS	2	C	EDF	MOJO ECS Assist files do not exist

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NCR	Subsystem	S	D	Site	NCR Title
16883	CSS	2	C	EDF	MOJO Code not being built by Nightly Build
16908	CSS	2	C	EDF	Mojo: .cfg file has incorrect name for keyfile
17039	CSS	2	C	EDF	MOJO AdsrvProxy crashed when a malformed adver search was received
17041	DMS	2	C	EDF	DDICT DB Initialization need to add CLIENT info manager
17195	CSS	2	C	EDF	MOJO Search proxy should not expect serverUR from JESS
17363	INGEST	2	C	VATC	EcInGran core dumps when Preprocessing a bad NCEP04 data file
17388	CSS	2	C	EDF	MOJO core dump in Inspect
17470	MSS	2	C	EDC	HPOV inconsistent in bringing up/down servers via Mode
17493	CSS	2	C	EDF	MOJO: The search inspect proxy fails on a regular inspect
17721	CSS	2	C	EDF	encrypt directory missing in the top level Makefile
17766	CSS	2	C	EDF	ACQUIRE_PRIORITY has to be defined for EcSbSubServer in its CFG file
17775	CSS	2	C	EDF	MOJO Order/Request Proxy message protocol needs to be changed
18050	CSS	2	C	EDF	MOJO Order Proxy message protocol has a typo in Home
18262	ESDT	2	C	EDF	ESDT descriptors need SpatialSearchType attribute
18264	ESDT	2	C	EDF	ESDT descriptors need DeleteFromArchive service
18406	DPS	2	C	Mini-DAAC	Install/Toolkit: Sym links missing on science processor
18464	CSS	2	C	Mini-DAAC	ContributionDriver : Removal of Adverts by LIKE may give wrong results
18979	PLS	2	C	EDF	Makefiles do not use make.option Macros for RW or OODCE paths/libraries
19017	CSS	2	C	EDF	MOJO search via LIM can not get granules back
19034	MSS	2	C	NSIDC	HP OPENVIEW : Problem with Server Icon State
19035	MSS	2	C	NSIDC	HP Openview : Server Status is not reliable
19057	ESDT	2	C	EDF	Contact time needs to be in the constraint in L7 format search
19057	ESDT	2	C	EDF	Contact time needs to be in the constraint in L7 format search
19067	CSS	2	C	EDF	MOJO multi-side inspection can't retrieve the inspected resluts back
19099	CSS	2	C	EDF	MOJO Login Proxy error message doesn't comply the message protocol
19190	PLS	2	C	LaRC	EcPlSubMgr Not Releasing Database Tables
19218	CSS	2	C	EDF	Mojo can't handle if number of granules for inspection exceeds
19329	DPS	2	C	EDF	AM-1 DPREP needs to initialize QA summary counts.
19339	DTS	2	C	EDF	Metadata produced on acquire cannot be used to reingest data

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NCR	Subsystem	S	D	Site	NCR Title
19370	DPS	2	C	EDF	AM-1 DPREP utility EcDpPrAm1FddAttitudeDPREP QA summary error.
19474	IOS	2	C	VATC	IOS Server searches gives inconsistent responses
19507	MSS	2	C	EDF	HPOV:Shutdown via mode icon erroneously shutsdown servers in other modes
19512	CSS	2	C	EDF	Mojo failed to handle the value with the spaces in the message from JESS
19549	INGEST	2	C	Mini-DAAC	GUI needs to update Request State when a Media Ingest request fails
19580	CSS	2	C	EDF	Y2K: EcTiTime does not always provide simulated time.
19619	Toolkit	2	C	GSFC	MODIS PGE03 fails when shared mem is on
19674	ESDT	2	C	EDC	Invalid directory paths appear in IAS order L7 data
19703	DDIST	2	C	EDF	Default database name should be changed for DDIST
19743	PLS	2	C	EDF	Metadata Query and Most Recent Granule combination
19821	MSS	2	C	Mini-DAAC	File Ownership problem with Install Setup Scripts
19915	DTS	2	C	EDF	Automatic restart of HDF EOS Server
19922	DPS	2	C	EDF	AM-1 DPREP utilities saves obsolete QA parameters.
19952	DMS	2	C	EDF	V0GW intermittently shows Product Request FAILED when acquire succeeds
20000	DPS	2	C	EDF	SSIT: Need to fix delivery warnings
20012	PLS	2	C	EDF	PRE: Not producing MODIS DPRs
20038	CSS	2	C	EDF	SBSRV GUI should use a different program ID from its server.
20068	INGEST	2	C	EDF	Ingest Short DDN time stamp differs from Long DDN when null
20096	DMS	2	C	EDC	VOSOT: Two Datatype Search with Time Limit Failed
20100	INGEST	2	C	EDF	Default values for directories in mkcfg not correct
20123	MSS	2	C	Mini-DAAC	Files overriden during EcCoAssist install with mkcfg set to default.
20129	CSS	2	C	EDF	.iu files are being installed multiple times
20147	MSS	2	C	EDC	Multiple servers running
20182	EMOS_MM_TEST	2	C	EOC	Graphical Timeline Plot of Mission Schedule Failing
20201	CSS	2	C	EDF	EcTiTime:improper directory name passed to 'cdscp show object'
20248	ESDT	2	C	EDF	Add PGEVersion to all MISR ESDTs
20338	DPS	2	C	EDF	AM-1 DPREP angle limits check applied to wrong angles.
20348	DPS	2	C	GSFC	SubMgr: Core dump during testing
20355	STMGT	2	C	GSFC	Anonymous FTP or not anonymous FTP?
20359	PLS	2	C	EDF	PWB window core dump, when the first plan is deleted...

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NCR	Subsystem	S	D	Site	NCR Title
20366	STMGT	2	C	EDC	InsertFileFailed message from DistributionServerDebug.log--GUI says
20380	DPS	2	C	EDF	AM-1 DPREP needs corrections to PCF run-time parameters.
20385	MSS	2	C	GSFC	EcCoLogViewer and EcCoMonitorGui being CPU hogs.
20387	STMGT	2	C	EDF	ARCHRESCONFIG file not correct for FTP Dis Server
20402	STMGT	2	C	VATC	DDIST resumes oversized granule request when FTP directory is full.
20430	MSS	2	C	EDC	The EcCoDbSyb_CkErrorLog script is failing due to permission problems
20459	STMGT	2	C	EDF	Manual configuration of logical volume groups overwhelming
20464	DDIST	2	C	EDC	Partial DDIST warm start failure.
20469	PLS	2	C	EDF	PRE: Core dumps when deleting a chain of DPRs
20478	DPS	2	C	EDF	AM-1 DPREP reports the presense of gaps that do not get repaired.
20489	STMGT	2	C	EDF	Invocation of stored procedures which return no values corrupts memory
20496	DTS	2	C	EDF	SDSRV MOC CCA process should exclude partial scenes
20509	DPS	2	C	EDF	AM-1 DPREP utility EcDpPrAm1AncillaryDPREP counts data gaps twice.
20514	MSS	2	C	LaRC	Install Errors Not Reflected In EcCoAssist Install Status
20523	STMGT	2	C	EDC	STMGT : Victims of deadlocks from SQL server do not get retried
20529	PLS	2	C	EDC	PLS : PWB reported a good status even with failures.
20530	DPS	2	C	EDC	DPS : PRONMG deadlock in staging
20557	STMGT	2	C	EDF	Logged errors can overrun buffer, corrupting memory
20566	STMGT	2	C	EDF	ESDT Map contains errors
20575	STMGT	2	C	VATC	Recovery Connect fails between Granule Srvr and Staging Disk Srvr
20584	DTS	2	C	EDF	SDSRV DB database deadlocks during concurrent granule inserts and L7
20590	DPS	2	C	EDF	PRONG Resource Locking Severely Degrades Performance
20591	DPS	2	C	EDF	Job Mgmt. doesn't remove cancelled jobs from jobs-to-be-deleted queue
20592	DPS	2	C	EDF	Failed PGE and jobs with JIL_FAILUR unnecessarily hold job slots
20593	DPS	2	C	EDF	Job Management assigns JIL_FAILUR to wrong DPR
20594	MSS	2	C	VATC	ECS Assist truncating URL's
20600	PLS	2	C	EDF	PRE locks the PDPS database while running MISRLIKE scenario
20610	DTS	2	C	EDF	SDSRV CleanGranules scripts not handling L70R and WRS granules correctly

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NCR	Subsystem	S	D	Site	NCR Title
20625	DMS	2	C	EDC	GranulesPerChunk must be > V0 Client Ma of data granules per data set
20634	DMS	2	C	EDC	Reached max concurrent threads in V0ToEcsGateway
20638	DDIST	2	C	EDF	DDist should save "Suspend All" flag in DB.
20662	SDSRV	2	C	EDF	SDSRV DB Dump and restore should be delivered to SDSRV Sybase machine
20674	MSS	2	C	EDF	EcPlDbPatch won't work on 4PY
20676	MSS	2	C	EDF	Sybase Update Statistics needs to be run during nightly dumps
20678	MSS	2	C	EDF	EcInEMAILSVR.pkg should be added to .sitemap for all sites
20689	MSS	2	C	EDF	Error in build of 5A Delivery Tar File
20690	DDIST	2	C	EDC	Out of swap space on e0dis02 due to DDIST GUI
20691	CSS	2	C	EDC	SBSRV GUI require DCE login prior to activating GUI.
20700	Toolkit	2	C	EDF	Bianary files produced by EDC has changed. Requires changes to DEM tools
20709	STMGT	2	C	EDF	Need indexes on DsStBackup to improve performance
20710	STMGT	2	C	EDF	Modify DsStBDelete to include transaction management
20724	DPS	2	C	EDF	PRONG: Missing config parameter prevents programs from running
20726	DPS	2	C	EDF	DPREP: IU file does not deliver renamed DPREP executables
20732	STMGT	2	C	VATC	Staging disk appears full to IngestFTP but is not
20736	PLS	2	C	EDF	PRE: MISR PGE can't get static input
20742	DTS	2	C	VATC	Hdf Server Hangs When SDSRV Terminates
20752	DPS	2	C	LaRC	EcDpAtCheckPCF Cannot Find File pctcheck
20767	DPS	2	C	EDF	AM-1 DPREP must use latest PGS_EPH.h attitude record definition.
20786	INGEST	2	C	VATC	Can't update InExternalDataProviderInfo db table using Ingest GUI
20787	INGEST	2	C	VATC	MOD000 and MOD000X not found in Ingest database tables
20788	DMS	2	C	EDF	V0 Gtway needs to allow global search to proceed
20789	MSS	2	C	VATC	The EcInAppStart Script will not the start the EcInServers
20792	PLS	2	C	EDF	SubsMgr: Can't pick up receiver uuid from config file for OPS mode
20809	CSS	2	C	EDF	Mojo DarSubmitProxy misses parsing the ImplementationUrgency field
20831	ESDT	2	C	EDC	FtpDis Server can ftp only one scene at a time
20834	MSS	2	C	VATC	Install of Valids info from StagingArea not working
20836	STMGT	2	C	EDC	Error creating directory in PullMonitor
20837	PLS	2	C	EDF	PRE/SSIT: Browse scenario is not working properly
20881	DDIST	2	C	EDF	databse data integrity problem in DDIST Server

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NCR	Subsystem	S	D	Site	NCR Title
20882	MSS	2	C	Mini-DAAC	Bug in EcDpAtMgrStart
20885	DPS	2	C	EDF	SSIT: Check HDF IDL Tool failure
20909	DTS	2	C	EDC	MOC script failed to Ftp results to MOC
20914	DMS	2	C	EDC	Field length too long for V0ToEcs Gateway to handle
20922	CSS	2	C	GSFC	SBSRV Lost Notifications
20924	DPS	2	C	EDF	PRONG: Duplicate records in database due to concurrent staging
20935	STMGT	2	C	EDF	Persistent Async Acquire functionality not sending metadata file on rest
20943	CSS	2	C	EDF	In MOJO Retrieve User Proxy, the field DAREXPEDITEDDATA loses a tab
20952	DPS	2	C	EDF	SSIT: Cannot overwrite differentiated Static Granules
20980	CSS	2	C	EDF	Mojo Subscription Proxy failed to construct the qualifier
21039	ESDT	2	C	EDF	ECS Data Model - add Attribute Valids for VerticalSpatialDomainType/Valu
21040	INGEST	2	C	EDF	InFileTypeTemplate table contains redundant FileTypeTemplateKey for GRIB
21072	DPS	2	C	EDF	PRONG: Failed to delete DPR when staging fails
21087	CLS	2	C	EDF	User Profile Gateway looking for AUTHENTICATOR instead of ECS_AUTH...
21092	HDFEOS	2	C	EDF	Ingest has problem with strcpy and memcpy in GDapi.c
21095	DTS	2	C	EDF	HDF EOS Server Imakefile broken for Persist Async Acquire code in STMGT
21108	PLS	2	C	EDF	SubMgr releases DPRs with unsatisfied inputs
21116	CSS	2	C	EDF	Subscription client side constructor do not check expiration date.
21121	MSS	2	C	EDF	SDSRV DB Dump and restore should be delivered to SDSRV Sybase machine
21142	DPS	2	C	LaRC	Job Managment Startup Fails- Error In Consistency Check
21151	ESDT	2	C	EDF	Add ASTERs missing PSAs and correct their QA PSAs names.
21154	ESDT	2	C	EDF	L7 acquires use StagingDiskCopy instead of StagingDiskLink
21193	MSS	2	C	EDF	Abbreviated HP OpenView icon labels
21197	HDFEOS	2	C	EDF	GDblkSOMoffset, datatype of offset param. needs update
21210	Toolkit	2	C	EDF	DEM tools do not step to lwoer resolution for extracting region
21253	STMGT	2	C	LaRC	EcDsStConfigVolGrps doesn't properly set up backup volume groups
21266	DTS	2	C	EDC	Science data server core dumped during Staging Disk WARM restart
21272	MSS	2	C	NSIDC	Install - 4PY - NSIDC can not install HDFEOS Server - no m0wkg01 server

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NCR	Subsystem	S	D	Site	NCR Title
21304	DTS	2	C	EDF	companion for Async Acquire Requests
21341	CSS	2	C	VATC	SBSRV: Not handling date qualifiers correctly
21346	STMGT	2	C	EDF	DBproc DsStNextIdGet
21348	DTS	2	C	EDF	Add index to compensate for SQL-Optimizer 'Limitation'
21351	DTS	2	C	EDF	HdfEos will not do an auto restart
21357	INGEST	2	C	GSFC	Ingest is duplicating AP_ID's
21398	ESDT	2	C	EDF	MOD021KM,MOD02HKM,MOD02QKM,MOD02OBC are missing inventory attributes
21424	MSS	2	C	NSIDC	Missing Files in 4PY Install of IOS
21474	INGEST	2	C	GSFC	Incorrect ExpeditedDataType in InDataTypeTemplate where DataType=AST_EXP
21507	CSS	2	C	EDF	DeltaTime storing utility not part of the deliverables
21510	PLS	2	C	VATC	Production Requests Not Deleted
21517	DDIST	2	C	VATC	Can't Bring Up DDIST GUI for Y2K Testing
21525	DTS	2	C	EDF	SDSRV creates SQL with more than 16 table Sybase restriction
21557	CSS	2	C	EDF	need to put new directory Update1900 to its upper level Makefile.
21630	STMGT	2	C	EDF	ASTER ESDT Baseline Updates Needed
21636	INGEST	2	C	VATC	SCF record in the InExternalDataProviderInfo table has wrong IngestType
21637	DPS	2	C	EDF	AM-1 DPREP core dumps when data sets overlap.
21638	SDSRV	2	C	EDF	Remove DDIST shared objects from the SGI delivery of the HDF EOS Server
21670	DPS	2	C	VATC	Disk Allocation entries not cleaned up for multi-file granules
21690	INGEST	2	C	VATC	Error in DataProvMediaStorageMgmtKey parameter value
21698	MSS	2	C	VATC	local/remote dir. structure missing for DDIST, DEM_WS, SAGE_SCF
21725	ESDT	2	C	EDF	MIANCAGP, change RangeDateTime to MANDATORY=FALSE
21726	DMS	2	C	EDF	ECS-V0 Gateway needs to send both ORDER & REQUEST IDs in PRODUCT_REQUEST
21731	MSS	2	C	VATC	Can't start Polling processes on t1acg01
21765	STMGT	2	C	EDC	FTP library does not return failure on write error
21772	DTS	2	C	EDC	LST3b.2 OPS MODE StagingDiskServer core dumped on
21808	CSS	2	C	EDF	No script for starting update year 1900 was delivered.
21834	DTS	2	C	LaRC	MISR PGE Staging: Random ESDT Acquire Failure
21836	STMGT	2	C	Mini-DAAC	EcInGUI core dump when ingest using D3
21851	DPS	2	C	LaRC	EcDpPrDM: Does not retry after failure to update completion state
21866	INGEST	2	C	EDF	ExpeditedVersionID set incorrectly in InDataTypeTemplate

NCR	Subsystem	S	D	Site	NCR Title
21872	DPS	2	C	EDF	DPREP: Missing ODL Parameters for step 3 DPREP
21918	INGEST	2	C	LaRC	Deadlock in database caused Polling Request failed
21934	DMS	2	C	EDF	Single order for multiple non-L7 granules only succeeds for first granul
21941	DPS	2	C	VATC	DM: Deadlock on insert - Insert job failed for MODPGE08
21946	DTS	2	C	EDF	Add SDSRV scripts to reconcile Metadata Inventory DB and STMGT Archive
21961	STMGT	2	C	EDF	Staging disks deleted prematurely on single order of multiple L7 scenes
21999	INGEST	2	C	VATC	Y2K: FDD attitiude data cannot handle day 366 in the filename
22033	MSS	2	C	EDF	Mda Client Libraries no longer used
22180	DTS	2	C	Mini-DAAC	Full Install of 4PY reveals incorrect attribute values in SDSRV tables
22182	DPS	2	C	EDF	DpPrFile entries have missing counterparts in DpPrGranuleLocation
22183	PLS	2	C	LaRC	SubMgr: receiver queue uuid should be fixed at all times.
22198	INGEST	2	C	VATC	Staging problem in Ingest for converted datatypes.
22278	DPS	2	C	GSFC	GSFC/SMC DPREP rejects FDD attitude due to
22312	ESDT	2	C	EDC	LST2b.2 (OPS) LPDS/LPGS: MTP format 1 vs. format
22341	INGEST	2	C	VATC	Error in InSourceMCF table for WKAERSOL (STARTYEAR and ENDYEAR)
22387	STMGT	2	C	EDF	Staging Monitor does not handle access count adjustments on SD deletion
22418	MSS	2	C	EDF	Update triggers increase chance for deadlock
22471	DDIST	2	C	EDC	EGS-10: Media IDs need to appear on packing list.
22501	DMS	2	C	EDC	Shipping Address
22502	DMS	2	C	EDF	Needs provision for new valids
22511	DTS	2	C	GSFC	GSFC/SMC File name and the corresponding metadata
22542	Toolkit	2	C	EDF	InformationContent Class Value Incorrectly Set
22543	DPS	2	C	EDF	PRONG: ResourceMgr Lock held longer than needed
22544	DPS	2	C	EDF	PRONG: Large number of resource manager locks during staging
22545	DPS	2	C	EDF	PRONG: Disk space cleanup performance improvements
22546	DPS	2	C	EDF	PRONG: ResourceMgr performance improvements in post processing
22555	CSS	2	C	LaRC	SDSRV has memory leak
22579	PLS	2	C	EDF	MP and SubMgr: Need a work around for lost notifications
22599	MSS	2	C	EDF	Fix core dump in SubAgent caused by invalid memory access in PollStatus
22604	DPS	2	C	GSFC	GSFC/SMC AM-1 DPREP core dumps due to exceeding array bounds.

NCR	Subsystem	S	D	Site	NCR Title
22607	INGEST	2	C	EDF	Preprocessing algorithm change for ASTER DEM and SAGE SCF
22610	INGEST	2	C	EDC	4PX26: Ingest Request does not fail when machine is unknown.
22644	DMS	2	C	EDF	Multiple L7 orders are 'cast' to identical media
22646	DMS	2	C	EDF	GTWY : Non-L7 granule orders with differing media type have same req IDs
22679	STMGT	2	C	EDF	PullMonitor does not clean up files after cold start
22687	DTS	2	C	EDC	4PX26 OPS: MOC script using inappropriate
22738	DPS	2	C	EDF	PRONG: RM provides incomplete path
22745	STMGT	2	C	EDF	IngestFtpServer does not retry on ftp write failure
22766	DTS	2	C	EDF	EcDsCheckArchive Script only checks current Vol Grp for files
22804	PLS	2	C	EDF	PRE: Metadata query for static MISR input is not efficient
22805	PLS	2	C	EDF	PRE: Output granule generation is not efficient.
22832	SDSRV	2	C	EDF	SAGE g3at ESDT fails on installation
22839	ESDT	2	C	EDF	L7 acquire: wrong staging disk server called to delete B81
22840	ESDT	2	C	EDF	Bounding box is calculated incorrectly when scene crosses int'l dateline
22854	SDSRV	2	C	EDF	SDSRV GUI Coredumps after install of ESDT
22866	DMS	2	C	EDF	MTOOL : Unable to export certain valids
22867	DMS	2	C	EDF	MTOOL : Mappings not showing up in mapAttributes tab.
22875	DPS	2	C	EDF	AM-1 DPREP should not tag attitude with orbit metadata.
22886	ESDT	2	C	EDF	AM-1 DPREP FDD Attitude product ESDTs to have orbit metadata removed.
22898	DMS	2	C	EDF	V0GTWY : Inventory results do not contain geographic information
22901	INGEST	2	C	EDC	TS2:4PY.05:e0icg01:InReqMgr cored after startup
22910	DPS	2	C	EDF	SSIT: DPREP ODLs have incorrect profile id's
22911	DPS	2	C	EDF	SSIT: DpAtMgr_getMCF.html file not delivered during install
22950	STMGT	2	C	EDF	ESDT Map baseline update (6/1/99)
23006	MSS	2	C	VATC	Preprocessing error for data type g3aeph
23031	DMS	2	C	EDF	V0GW coredumps intermittently during search or acquire
23069	DDIST	2	C	EDC	4PY:ECS Notification email sent to CUSTOMERS needs instructions
23174	SDSRV	2	C	EDF	sdsrv loses HdfEosServer connections
23197	INGEST	2	C	LaRC	SAGE III PDR Filenames not transferred to subscription filename.
23235	DTS	2	C	EDF	sdsrv search performance
23239	MSS	2	C	EDF	Order Tracking Server does not return correct status

NCR	Subsystem	S	D	Site	NCR Title
15970	SysBld	2	T	VATC	Incorrect SQL Server Used if Don't Completely Rewrite name in DsDbBuild
16917	DDIST	2	T	Mini-DAAC	DDIST core dumps upon calling DsStResourceProvider destructor
17780	MSS	2	T	EDC	ECS assist make configuration files
18205	PLS	2	T	VATC	SubMgr core dumped while running, cause unknown
18799	DMS	2	T	NSIDC	GUISs too large on Workstations (reference 18256)
19216	PLS	2	T	Mini-DAAC	Can't generate a DPR for downstream PGE if upstream PGE's dpr is complet
19282	DMS	2	T	EDF	LIM problem with Temporal and Spatial search constraints
19705	MSS	2	T	EDC	EcAgManager generates debug messages that are not controlled by PF_* mac
20327	DDIST	2	T	EDF	Incomplete information for Distribution failue notice
20427	IOS	2	T	VATC	Spatial advertising search via ESOD returns constant values
20663	DMS	2	T	EDC	Landsat 7 Level 1 Billing & Accounting: BILLING_ID field dropped
20804	STMGT	2	T	GSFC	Archive Server thinks files are incomplete if no Offsite ID is specified
20822	STMGT	2	T	GSFC	Problems doing an FtpPush
21781	MSS	2	T	LaRC	HPOV Server Shutdown/Startup Problems
21926	DTS	2	T	EDF	L7 DLL Core dumps when handling error condition
21952	DTS	2	T	VATC	Y2K: L7 MOC Script Calls 123000 and 123100 Day 366
22082	DTS	2	T	LaRC	SDSRV has memory leak
22724	STMGT	2	T	EDC	OPS: e0acg01: EcDsStPullMonitorServer core
22992	DPS	2	T	LaRC	PRONG: Concurrency in staging not handled correctly
23036	Toolkit	2	T	GSFC	GSFC/SMC Memory error in Toolkit routine
23066	STMGT	2	T	LaRC	Memory leak associated with DsStParameterList
16880	CLS	2	V	EDF	Makefile fault - WKBCH/ClWbJt/MakefileECSed16880 - DEMO
18268	SDSRV	2	V	EDF	DFA Constraint added to Non Science Granules on search
18271	DMS	2	V	EDF	LIM needs to handle browse without a search
19044	PLS	2	V	EDF	PlWb: Need to be able to cancel or modify a Ground Event in DPS
19201	SDSRV	2	V	EDF	SDSRV Performance enhancement - allow Local Staging Disk on sdsrv machin
19233	CLS	2	V	GSFC	EOSView: Cannot Display Quier.hdf File Image
19245	DTS	2	V	EDF	SDSRV Logical Delete and Logical Undelete do not sync lastUpdate in memo
19465	DTS	2	V	EDF	HDF EOS Srvr Performance - create LocalStagingDisk on HDF EOS machine
19698	INGEST	2	V	EDF	L7IGS' METADATA0 not processed correctly

NCR	Subsystem	S	D	Site	NCR Title
19699	DDIST	2	V	EDF	Warm Start core dump - Associated with NCR 19635
20043	ESDT	2	V	GSFC	Archive/Amass problem in GDAAC
20101	MSS	2	V	EDF	Directory being created even if not needed
20136	INGEST	2	V	EDF	EcInReqMgr coredumps if UR list is null
20153	INGEST	2	V	EDF	EcInGran: retries in preprocessing block other requests
20204	SysBld	2	V	EDF	Y2K Compliance of Custom Code
20323	MSS	2	V	EDF	.dataproviders file is not maintained correctly by ECS Assist
20408	MSS	2	V	GSFC	EcMsAcOrderGUI: mss_acct_db recieves a large size of numBytes from DDIST
20515	INGEST	2	V	LaRC	SAGE3 MOC support required for LDAAC testing
20562	MSS	2	V	EDF	.sitemap Out of Sync with Installed Modes
20601	INGEST	2	V	EDF	Patching Ingest Database loses External Data Provider Info in DB
20622	INGEST	2	V	EDF	Ingest Database Install Problems
20639	ESDT	2	V	EDF	system calls in dcs library
20783	INGEST	2	V	EDF	Database version update
20790	DTS	2	V	EDF	SDSRV start with wrong default temp and StartTemperature is wrong case
20899	PLS	2	V	EDF	PRE: Does not correctly read in the values for two configuration paramet
21061	DTS	2	V	EDF	sdsrv DB DsDbBuildSchemaPatch needs to recognize more than 9 patches/dro
21101	DPS	2	V	EDF	AM-1 DPREP does not set the platform specific summary flag.
21130	INGEST	2	V	EDF	XAR_ID needs to be processed as an integer, not a string
21182	INGEST	2	V	EDF	L7 needs to have CONTACT_PERIOD_STOP_TIME
21233	ESDT	2	V	EDF	L7 DLL needs to support new Logical Delete Service
21343	DTS	2	V	EDF	4PY patch changes for Async Acquire Requests ncr 20310
21350	MSS	2	V	EDF	SubAgeng erroneous kills servers when server restarted
21355	DPS	2	V	EDF	AM-1 DPREP must exclude all bad data from spike check.
21477	SDSRV	2	V	EDF	dttest6 misses DFA changes due to incorrect merge operation
21480	INGEST	2	V	EDF	FileType="DATA" must be "SCIENCE" for REYNSST, OZONEEP, and NCEP04
21493	DDIST	2	V	EDF	Error in SuspendAll/ResumeAll persistency software.
21740	STMGT	2	V	VATC	FTP Push failed for AST_08 during Y2K testing (NON-Y2K NCR)
21747	DTS	2	V	EDF	DsDbDeleteRequest should only delete requests in the 'done' state
22657	ESDT	2	V	EDF	Create new Expedited versions for EDOS MOPITT and MISR Descriptors

NCR	Subsystem	S	D	Site	NCR Title
22881	INGEST	2	V	G DAAC	GSFC-Cannot poll FDD with interface
23209	ESDT	2	V	LaRC	SAGE III PDR Filenames not transferred to subscription Filenames.
23280	INGEST	2	V	EDF	SourceMCF tables are incorrect for L7 IGS Metadata 0
14408	PLS	3	C	EDF	Resource PLanner Configuration File In Wrong Directoryi
15223	IOS	3	C	EDF	IOS EcIoAdServerMkcfg lists incorrect application name
15631	CSS	3	C	LaRC	Files need to be in same Directory as Subscription Driver
15834	MSS	3	C	VATC	HPOV/Setting Mib Value
16094	STMGT	3	C	EDF	Acquires marked as retry-able if data is not in archive
16485	DMS	3	C	EDF	Incomplete DDICT server response
16841	MSS	3	C	EDC	Misleading error message while bringing up subagent
17331	DMS	3	C	EDF	MTool: List box redrawn incorrectly after deleting an attribute
17351	DMS	3	C	EDF	MTool: Default Size of 0 is displayed on attribute editing screen
17390	DMS	3	C	EDF	MTool Attribute Editor: user can submit edit request if size is too long
17411	DPS	3	C	EDF	Need a generic method to trap database deadlock errors
17442	CSS	3	C	EDF	MOJO: Advertizing Proxy returns extra whitespace on attributes
17447	DPS	3	C	EDF	printf statements in PRONG code
17473	PLS	3	C	EDF	printf statements in PLS code
17492	CSS	3	C	EDF	Subscription Client code is using printf instead of PF_DEBUG
17584	CSS	3	C	EDF	MOJO search proxy doesn't support truncate mechanism
17749	INGEST	3	C	EDF	Include additional input parameter in .dbparms file
17946	DPS	3	C	EDF	AM-1 DPREP to supply FDD replacement dataset timerange.
18038	DPS	3	C	EDF	SSIT: Need to check for DPRs before allowing Re-registration
18279	MSS	3	C	EDF	Servers in modes not in the Active Mode list are still monitored
18282	DPS	3	C	EDF	AM-1 DPREP utility EcDpPrAm1FddReplaceEphemDPREP core dumps.
18447	DTS	3	C	EDF	SDSRV DsMd Retry logic for database calls has a bug
18495	CSS	3	C	EDF	MOJO Imakefile needs to use ECS subsystems libs before goes to Stage dir
18760	CSS	3	C	VATC	PRODUCTIONDATETIME qualifier-no indication of format datetime
18862	PLS	3	C	EDF	PRE gui needs to input userType on PR creation.
18987	DPS	3	C	EDF	AM-1 DPREP limit check relaxed on pitch angle.
19052	PLS	3	C	EDF	Delphi classes need to be upgraded to version 4.0
19166	INGEST	3	C	GSFC	Metadata Configuration File error message

NCR	Subsystem	S	D	Site	NCR Title
19197	DPS	3	C	EDF	AM-1 DPREP needs to be able to disable 'next' dataset input.
19212	DTS	3	C	EDF	Scripts are required in support of Lost Archive File Recovery
19214	DMS	3	C	EDF	Incomplete DDICT server response
19254	MSS	3	C	GSFC	DCE: Unable to log Error Message For Invalid DCE Account and Password
19274	MSS	3	C	LaRC	4PX11AT- When changing V0 Gateway Password no confirmation shown
19278	STMGT	3	C	EDC	Multiple .dbparms files causes confusion upon DB install/patch
19280	PLS	3	C	EDF	SubsMgr: shutdown code has errors in "if" statement
19330	DPS	3	C	EDF	AM-1 DPREP EcDpPrAm1FddAttitudeDPREP uses wrong source ID.
19332	MSS	3	C	GSFC	EcMsAcOrderGUI doesn't clear deleted Request
19348	CSS	3	C	EDF	Script to start DriverTest missing
19377	DPS	3	C	EDF	AM-1 DPREP ephemeris and attitude Toolkit dataset header problems.
19397	STMGT	3	C	EDF	Stacker srvr fails to unmount tape if insert in DsStRequestTape fails
19555	SDSRV	3	C	EDF	Potential Memory Corruption
19657	DPS	3	C	EDF	DPREP - ODL, documentation and message files need to be updated.
19722	MSS	3	C	EDF	SubAgent file race condition
19756	DPS	3	C	EDF	JIL-Failed Jobs Update Job Count Anyway
19759	DDIST	3	C	EDF	Merge DsDdDllconfig.cfg file into EcDsDistributionServer.CFG file
20045	COTS	3	C	EDF	Processing of Where-Used reports ignores specified "as of" date (XRP-II)
20070	STMGT	3	C	EDF	Pull Monitor logs contain many messages about unable to chmod
20181	DPS	3	C	EDF	SSIT Y2K: Fix Binary Difference templates
20199	MSS	3	C	EDF	Need to remove all references to EcMsMd* packages from the sitemap
20259	DPS	3	C	EDF	DPREP Step 3 needs to perform quality checks on FDD ephemeris.
20369	STMGT	3	C	EDF	HIPPI checking on FTP transfers fails with fully qualified hostnames
20400	PLS	3	C	EDF	Ground Events don't get scheduled for a new plan
20467	CSS	3	C	EDF	SubGUI should validate the subscription start date can't be in past
20569	DDIST	3	C	EDF	DDIST GUI: 'DDIST Refresh Failure' pop-up displayed on startup

NCR	Subsystem	S	D	Site	NCR Title
20577	MSS	3	C	VATC	EcCoEnvKsh file needs to set XFILESEARCHPATH env variable for GUIs.
20616	PLS	3	C	EDF	PRE should take Local time for insertTime
20620	DPS	3	C	EDF	DPREP test scripts need to be changed to accomodate PCF name changes.
20623	INGEST	3	C	EDF	EcInInitPasswd doesn't work on sgi and should be on sun also
20631	ESDT	3	C	EDC	processing center attribute
20677	Toolkit	3	C	EDF	When ran PGE03 via PGS_PC_Shell.sh with shared mem on, temp files exist
20686	MSS	3	C	EDF	EcCsCommon.pkg should be specified only for hosts with custom code
20688	STMGT	3	C	EDF	File errors in Drop 5A Delivery
20694	CSS	3	C	EDC	Several buttons on the SBSRV GUI do not work.
20707	HDFEOS	3	C	EDF	Max index value in a loop does not match with decleration in testgrid
20946	DPS	3	C	EDF	SSIT: Needs to install Toolkit files that it needs
20947	DTS	3	C	EDF	SDSRV - shrink size of GlParameter Lists
20981	DPS	3	C	EDF	PRONG: Needs to install Toolkit files
21026	MSS	3	C	EDF	UN-Build HelpFiles Due to Makefile errors.
21139	PLS	3	C	EDF	PLS to stop delivering resource catalog files
21159	ESDT	3	C	EDF	For MOD01 change the DayNightFlag Mandatory from FALSE to TRUE.
21181	PLS	3	C	EDF	PLS EcPlSlayAll and EcPlRpSlayAll scripts fail
21216	CSS	3	C	EDF	SBSRV server need to update its subscription with expDate=1900.
21264	DTS	3	C	EDF	DB patch script from ECS Assist does not direct output to logfile
21294	PLS	3	C	EDF	PlDbCleanupScript: Not cleaning up PlResourceRequirement properly
21297	MSS	3	C	EDF	.Sitemap change for .EcDsStDatabase.pkg
21298	DTS	3	C	EDF	SDSRV L7 MOC CCA process fails to recognize out-of-spec condition
21368	STMGT	3	C	EDF	8MM should be 8mmTape
21482	DPS	3	C	EDF	SSIT: Changing PGE type causes missing PlPerformance Data
21503	MSS	3	C	EDF	EcCoEnvKsh should use /usr/lib32 for SGI LD_LIBRARYN32_PATH
21528	DTS	3	C	EDF	SDSRV hangs on a Search
21733	MSS	3	C	EDF	SubAgent sends warning event for lost RPC contact
21751	MSS	3	C	EDF	PDPS: Patch script did not grant permission to users
21795	DTS	3	C	EDF	4PX.26: DBDesc file differences

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NCR	Subsystem	S	D	Site	NCR Title
21805	PLS	3	C	LaRC	PRE: Method for entering orbit based PRs is not intuitive
21807	DTS	3	C	EDF	Update SDSRV DsDbpatch to apply multiple DB patches in single execution
21837	ESDT	3	C	EDF	Add new DAS Late-Look descriptors
21846	DTS	3	C	EDF	EDC 4PX to 4PY transition
21956	DPS	3	C	EDF	AM-1 DPREP PGE ODL reference obsolete logical IDs.
21957	DPS	3	C	EDF	AM-1 DPREP PGE version numbers to be incremented.
21958	STMGT	3	C	EDF	StagingDiskServer does not return correct error status if link fails
21991	ESDT	3	C	EDF	Incorrect metadata values for MODIS NSIDC ESDT descriptors
22008	PLS	3	C	EDF	RE: Disk partition size should be in MB and expand RAM size field.
22045	DPS	3	C	EDF	AM-1 DPREP PGE ODL values forIDs 5036 and 5037 incorrect.
22159	SDSRV	3	C	EDF	Science Data Server uses lots of CPU even when the server is not busy
22162	INGEST	3	C	EDF	Unable to shutdown the EcInEmailGWServer using HPOV
22315	DDIST	3	C	EDF	Memory leak in Distribution proxy.
22322	DPS	3	C	EDF	Need to remove "rewind" from Prohibited Functions
22378	CSS	3	C	EDF	SBSRV GUI core dumps on exit
22508	CSS	3	C	EDC	TESS: Subscription fail when start and expire
22513	HDFEOS	3	C	EDF	SWattach gives an error when no SDS's in swath
22550	STMGT	3	C	EDF	ARCHRESCONFIG does not include a section for the Print server
22592	INGEST	3	C	EDF	Error in ingest 4PY ECS Assist installation
22596	IDG	3	C	VATC	EcCsSbDbDumpScript was hard coded
22635	MSS	3	C	VATC	ECS Assist Transition Dialogue Incorrect
22636	MSS	3	C	VATC	Cfgpatch running unnecessarily
22638	MSS	3	C	VATC	INS config files not generated
22639	MSS	3	C	VATC	Tag value logic incorrect for ECS Assist
22645	DMS	3	C	EDF	LIM : L7 product request IDs are generated in the LIM.
22674	MSS	3	C	EDF	Need to add .EcClOdAsterOnDemand.pkg to the sitemap
22706	DPS	3	C	EDF	Synthetic PGE does not fill in metadata value for LOCALGRANULEID
22715	SDSRV	3	C	EDF	SDSRV Gui does not default to *.desc under AddESDT window selection
22720	MSS	3	C	EDF	EcDbDesc incorrectly reports column constraints
22740	MSS	3	C	EDF	.cfgpatch file has incorrect TAG value for CSS database
22747	MSS	3	C	VATC	ECS Assist not display modified .cfgparms
22751	MSS	3	C	EDF	HPOV libraries need to be updated in Clear Case

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NCR	Subsystem	S	D	Site	NCR Title
22754	MSS	3	C	EDF	In the EDF we can only install one package at a time
22788	DPS	3	C	EDF	SSIT: ASCII file comparison should use full path to "xdiff" utility
22801	ESDT	3	C	EDF	Change CSDTType for all MISR MIRFOIxx files
22821	MSS	3	C	EDF	ECSAssist ESDT Manager looks in wrong table for AP, DAP, and SSAPC
22838	DPS	3	C	EDF	SSIT: SSIT Manager html help pages need updates
22853	MSS	3	C	EDF	MSS DbBuild script has errors.
22873	DPS	3	C	EDF	SSIT:SSAP Editor submits SSAP w/ associated ESDT version = 0
22888	MSS	3	C	EDF	Ecs Assist does not handle the .granserver file correctly
22937	CSS	3	C	EDF	SBSRV needs to clean up all expired subscriptions.
23018	SDSRV	3	C	EDF	Filter for the SDSRV Gui is broken
23030	INGEST	3	C	EDF	MIXED missing from InValBypassPreproc database table
23055	PLS	3	C	EDF	RE: EcPlRpFetchBaseline script is searched in the wrong directory
23056	INGEST	3	C	EDF	Gran Server Coredumps on cold start if SDSRV info not in database
23072	DTS	3	C	EDF	CheckArchive Script has values hardcoded
23121	DMS	3	C	EDF	Update DDICT with new AIRS, MLS, ACRIM, SAGE III, and CERES valids
23123	ESDT	3	C	EDF	AST_09T is missing PSAs that were part of the NCR 21151 fix.
23137	DPS	3	C	EDF	Wrong BX Path in Imakefiles
23167	SDSRV	3	C	EDF	Change the number of listen threads in SDSRV to 75
23168	STMGT	3	C	EDF	Change MODIS MO{04|09|1D|36}*Y descriptors to MO{04|09|1D|36}*N.
23169	ESDT	3	C	EDF	Add new descriptors MOD01SS and MODCSR_G.
23170	ESDT	3	C	EDF	Added new AIRS esdts.
23212	MSS	3	C	LaRC	Remedy TT Long Description Field is Too Short
23249	INGEST	3	C	EDF	MODAPS and MOPITT data providers need to be added to EcInMkDataDirs
9096	MSS	3	T	Mini-DAAC	Inconsistancy in User Profile Address Formats
10118	PLS	3	T	VATC	RE:Message warning User they produced a disassociation
10577	INGEST	3	T	VATC	Unable to update the InSourceMCF table using MSACCESS
10794	DMS	3	T	VATC	GTWAY: Browse and Order returns error message even when successful
11341	PLS	3	T	VATC	Resource Planning incorrectly identifies conflict with overlap.
12536	DPS	3	T	LaRC	No SSIT Manager Debug Log At DebugLevel=3
12920	CSS	3	T	VATC	Subscription Gui causes core dump when not logged on to DCE

NCR	Subsystem	S	D	Site	NCR Title
13287	DPS	3	T	EDC	#NAME?
13587	DPS	3	T	EDC	MKCFG ran three time to accept softlink to toolkit and copy
13750	DPS	3	T	LaRC	l0sps03: mkcfg: DPS Install Should Check for DAAC Toolkit
13774	DPS	3	T	EDC	Hdiff core dumps
16112	DPS	3	T	LaRC	MISR 2.0: SSIT Manager database opens in Read only mode
16246	DMS	3	T	VATC	Error message needed for failed directory searches of ECS data via B0SOT
16246	DMS	3	T	VATC	Error message needed for failed directory searches of ECS data via B0SOT
16527	PLS	3	T	VATC	ProdStrat: Default stragegy info not loaded on startup
16569	DPS	3	T	VATC	DisplayJobStates: Should call emacs instead of xemacs
16603	MSS	3	T	EDC	ECS Assist hanging on the tty output for database installs
16647	PLS	3	T	VATC	PRE: Recovery message should be clarified
16694	MSS	3	T	EDF	Subscription Server GUI needs to be executable
17804	INGEST	3	T	EDC	Ingest installs with extra table
18218	DPS	3	T	VATC	Autosys: Error messages for exceeding run-time space not readable
18254	STMGT	3	T	NSIDC	Correction to path for storage management servers
18285	PLS	3	T	VATC	PRE: Need wait indicator for opening and deleting a PR
18308	STMGT	3	T	EDC	EcDsStDBMSSRVR.pkg contains extra programs
18336	STMGT	3	T	Mini-DAAC	Storage Managment Sybase Connection Usage
18780	DPS	3	T	VATC	Job Management Client crashes when DPR is a non numeric character
19101	DPS	3	T	LaRC	No Output To User If "Jobs Waiting" Finds No Jobs
19103	PLS	3	T	LaRC	Computer Resource Removed From String Without Warning
19237	DPS	3	T	LaRC	EcDpPrDisplayJobStates Does Not Remove Output Files
19276	DPS	3	T	VATC	SSIT: Acquired MCF file should have version in the name
19588	DPS	3	T	GSFC	AM-1 DPREP needs to make proper use of Product Version now.
19653	DDIST	3	T	EDF	Special staging area leak
19810	DPS	3	T	GSFC	AM-1 DPREP EcDpPrAm1FddAttitudeDPREP replacement criteria.
19812	DPS	3	T	GSFC	AM-1 DPREP EcDpPrAm1FddReplaceEphemeris FDD replacement prompt.
19924	PLS	3	T	VATC	Cannot Activate DPRs
20034	PLS	3	T	GSFC	Filename length limit on Planning Workbench
20185	ESDT	3	T	VATC	L70R merge doesn't fail with error in BAND6_GAIN_F1 metadata value
20326	ESDT	3	T	EDF	Memory Leaks in the L7 RWS DLL
20358	PLS	3	T	LaRC	Misleading Error Message From PREditor

NCR	Subsystem	S	D	Site	NCR Title
20470	STMGT	3	T	GSFC	DDIST core dumps if Archive killed during distribution for PDPS
20574	STMGT	3	T	VATC	STMGT Archive Script Needed for VATC and NSIDC
20615	DPS	3	T	GSFC	AM-1 DPREP report short gaps to repair when only long gaps exist.
20701	DPS	3	T	GSFC	AM-1 DPREP improper use of abs function.
20750	DTS	3	T	VATC	Incorrect Message with CleanGranules Script
21096	PLS	3	T	VATC	DPS: Default configuration directory is incorrect in xterm tools
21231	MSS	3	T	EDF	Modify Peer Encapsulator CFG file.
21270	MSS	3	T	LaRC	One of 4PY sybase backup scripts not working
21319	DPS	3	T	LaRC	PRONG: Failed to Delete DPRS
21345	MSS	3	T	LaRC	Update the file /usr/ecs/OPS/CUSTOM/dbms/COM/DBAdmin/EcCoDbSyb_DboMail
21358	MSS	3	T	LaRC	INSTALL: Remove .EcClDAAC.pkg from CLS Install .sitemap
21397	DTS	3	T	Mini-DAAC	DSS: .dbparms file missing DEVNAME
21502	STMGT	3	T	LaRC	Deadlock Prevention
21728	MSS	3	T	VATC	mkcdsentry option make unnecessary RPC Groups for all Polling processes
21732	DPS	3	T	LaRC	Update synpge_sgi6n32 In Baseline Checkout Tar Files
21734	CSS	3	T	EDC	Subscription Tool fails when hit user profile
21844	IOS	3	T	EDF	EDC 4PX to 4PY transition
21864	INGEST	3	T	LaRC	Successful ingest of incorrect 'type' data for object DATA_START_TIME
22067	Toolkit	3	T	Mini-DAAC	ORBITNUMBER value is outside of the range (0,1000000).
22261	DPS	3	T	LaRC	DPR Logs FIlling With Blank LInes
22264	DPS	3	T	Mini-DAAC	ODL files contain incorrect parameters which cause PRs to fail
22282	DMS	3	T	EDC	No Day/Night Flag
22333	DPS	3	T	LaRC	Need DpCPrStagingWaitTime To Be Configurable
22373	PLS	3	T	LaRC	SubMgr Coredump: happened at ETE when SDSRV server context is gone
22597	DTS	3	T	VATC	HDFRESTART Param Causes HDF Server to Terminate
22608	DTS	3	T	VATC	L7 LLPS Data Ingest Not Cleaning Up WRS1/WRS2 Granules
22701	MSS	3	T	VATC	ECS ASSIST will not accept COMPONENT Directory during install
22702	MSS	3	T	VATC	STAGE and NON-STAGE Selections Not Properly Greyed Out during Install
22703	MSS	3	T	VATC	ECS Assist not refreshing GUI objects
22746	DTS	3	T	VATC	EDC DB Transition Script fails

NCR	Subsystem	S	D	Site	NCR Title
22748	PLS	3	T	VATC	MkCfg for EcPl didn't retain new parameters: MaxSlippagePer AcceptableC
22773	INGEST	3	T	VATC	Drop 5a.Beta install puts Auto Ingest for L7IGS in the database
22903	SDSRV	3	T	EDC	OPS: 4PX.31+: e0wkg01: HdfEosServer cored
22923	SDSRV	3	T	LaRC	sdsrv size growth at LaRC
23081	DPS	3	T	LaRC	PRONG: FORCE Start job causing multiple processes to run
23085	DPS	3	T	GSFC	AM-1 DPREP fails to detect safe mode entry.
23554	MSS	3	T	EDF	Need to fix problems with .sitemap for 5A EPSILON
23559	MSS	3	T	GSFC	Need to fix problems with .cfgpatch for 5A EPSILON
12444	SDSRV	3	V	EDF	some SDSRV-generated MCFs contain extra characters at EOF
17341	MSS	3	V	EDC	OPR: HPOV Icons do not appear in any order.
17881	DMS	3	V	EDF	V0 Gtway returns wrong status codes for failed searches.
17980	DPS	3	V	EDF	AM-1 DPREP to repair ephemeris red and yellow limit violations.
18046	MSS	3	V	EDF	no error handlering in Trouble Ticket code
18092	DPS	3	V	EDF	AM-1 DPREP sentinel record handling problem.
18239	DMS	3	V	EDF	V0GWY partial work-around for data-model/SQS rectangle mismatches
18888	SDSRV	3	V	EDF	New C++ compiler and RW lib give up certain implicit casting
18889	SDSRV	3	V	EDF	Two merges conflict on header file include
19120	DMS	3	V	EDF	MTool: Mode name is not displayed on GUI screen
19188	DPS	3	V	EDF	AM-1 DPREP QA statistics calculation problem.
19513	PLS	3	V	EDF	PRE: Will find granules in SDSRV which are 50hifted
19584	DPS	3	V	EDF	AM-1 DPREP limit violations at dataset end.
19587	DPS	3	V	EDF	AM-1 DPREP to propagate header items thru replacement datasets.
19608	INGEST	3	V	EDF	Need EcInMkDataDir file installed with EcInEmailGWServer.pkg
19655	DPS	3	V	EDF	AM-1 DPREP produces descending node propagation identically zero.
19932	MSS	3	V	EDF	Makedeliver scripts do not handle error and warning messages correctly
19934	DPS	3	V	EDF	AM-1 DPREP utility EcDpPrAm1EphemerisGapFillDPREP saves repair reason.
20039	Toolkit	3	V	EDF	Include file PGS_EPH.h is TRMM-specific - needs to be generic; User Guid
20237	SDSRV	3	V	EDF	SDSRV does not log the transition from very low memory use to normal use
20260	DPS	3	V	GSFC	Ancillary version info not captured in Production History
20263	INGEST	3	V	EDF	EmailGWServer doesn't handle DDist failure msg correctly

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NCR	Subsystem	S	D	Site	NCR Title
20293	MSS	3	V	EDF	All server Start scripts need to pass through additional arguments
20349	MSS	3	V	EDF	Server start scripts must ensure unique InstanceID
20441	PLS	3	V	VATC	PRE: Misleading error message when spatial DPR failed
20458	MSS	3	V	EDF	Update .sitemap file with .EcDbDDM.pkg as per 910-TDA-005
20559	STMGT	3	V	EDF	PullMonitor fails with error if link already exists
20560	STMGT	3	V	EDF	Pull Monitor does not provide adequate debugging information
20692	SDSRV	3	V	EDF	Enhance SDSRV File I/O error reporting
20734	SDSRV	3	V	EDF	DSS_NUM_GEN_CATALOGS parameter cannot be set at install time
20842	DMS	3	V	EDF	V0 Gtway needs to return PATH_ROW_LOC group in INVENTORY_RESULTS
20931	Toolkit	3	V	EDF	Max. interval for interpolation by EPH tools must be 60s
21107	PLS	3	V	EDF	CoreLib: Y2K problem when submitting subscription.
21195	HDFEOS	3	V	EDF	Grid interface doesn't fully support SOM projection
21249	INGEST	3	V	EDF	All data providers should have VHIGH for IngestPriority in db
21291	DDIST	3	V	EDF	Set DDIST GUI refresh rate back to 30 sec.
21324	DTS	3	V	EDF	DsBtNotifier should unconditionally delete event parameters
21748	Toolkit	3	V	EDF	Orbsim test file parameter change from 120 to 60.
21945	DPS	3	V	EDF	AM-1 DPREP not accounting for long gaps between data sets in QA stats.
22600	MSS	3	V	EDF	Errors of the form "rm: XYZ is a directory" occur in EcCoMkDeliver
15520	DMS	4	C	EDF	DMS files in .EcDmCommon.iu violate naming convention
15632	MSS	4	C	EDF	ECS MIB file installed by ECS Assist on HP platform has incorrect name.
19003	CLS	4	C	EDF	JEST: Status has extra tabs...
19271	MSS	4	C	EDC	UsrAcctMgtGUI - Profile letter greeting should use first name
19682	COTS	4	C	VATC	XRP11 provides two status messages for the same action.
20933	MSS	4	C	EDF	The ModeMgr GUI and the ECS MIB Browser does not support help - 5A
22719	Toolkit	4	C	EDF	USNO files need updating for upcoming SCFrelease
22837	DPS	4	C	EDF	Prolog: Prolog Extractor script needs changed for help and "files" value
10627	DPS	4	T	GSFC	SSIT: Netscape does not work from the SSIT Manager
11783	MSS	4	T	GSFC	URT: Phone # not stored in Personal Info page.
14286	DPS	4	T	VATC	DPS: Should not set CMTOP=/ecs/formal in Mkcfg files
16526	PLS	4	T	VATC	ProdStrat: Startup script should not require an application_id
17566	CLS	4	T	EDC	EOSView:Error Message Doesn't Make Sense

NCR	Subsystem	S	D	Site	NCR Title
19665	DMS	4	T	EDC	DMS - MaintenanceTool/Load Valids Missing Information
19672	SDSRV	4	T	EDC	SDSRV - Science Data Server Gui Message Field Error
21713	DPS	4	T	EDC	Typo in prohibited checker output
9925	PLS	4	V	EDF	Production Request Editor returns wrong error message.
15531	IOS	4	V	EDF	IOS files in .EcIoAdWWW.iu violate naming convention
21156	ESDT	5	C	EDF	Move AST_L1BT descriptor out of ASTER directory
15658	MSS	5	T	VATC	ECS ACCOUNT GUI-Not Enough Room to Display District of Columbia
16797	PLS	5	T	VATC	EcPlCleanupScript: Does not concatenate or preserve previous log files
19406	MSS	5	T	EDC	User Reg- The userid is not modifiable
22725	ESDT	5	T	EDC	4PX26 OPS: Subsetting Fails when Full scene
22726	ESDT	5	T	EDC	4PX26 OPS: SDSRV can not distinguish between LPS
22777	STMGT	5	T	EDF	No way to obtain detailed information about error codes

5.3 Open NCRs

The following list of NCRs was found during the 5A integration and remain unresolved. This list was not totally derived from DDTS. The criteria used to generated this list of NCRs include:

1. State = N (New), A (Review-Assign), or R (ToBeResolved)

2. Finally, Lab Leads and Subsystem personnel review the list for completeness and accuracy

The following list contains the Open NCRs in numerical order by severity

NCR	Subsystem	S	D	Site	NCR Title
19953	PLS	3	R	VATC	PLS: Does not update PGE run time after redefinition via SSIT
20332	DDIST	3	A	EDF	Missing required DDIST ALOG messages.
20429	IOS	3	A	VATC	Display stalled when no moderation group was selected
21419	DTS	3	M	LaRC	SDSRV scripts for install 95k granules for End to End test
21511	PLS	3	M	LaRC	PRE- Takes too long to load orbit based PGE into form

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Appendix A. Site Specific Data (Adaptation Data)

The ECS Architect's Office maintains the current CCB approved (baselined) site-host map. The document provides a guide as to which ECS functions are deployed and on which specific hardware platforms within the DAAC. The site-host mapping also addresses those test strings located within the Landover EDF, namely the Mini-DAAC and VATC. The data in Table A-1 was extracted from the ***Site-Host Map Report*** (910-TDA-005 Rev 07) dated 07/12/99.

The site-host mapping is available on the WWW at:

http://pete.hitc.com

Outside the Landover EDF, the URL for the ECS Baseline Information System is:

http://cmdm.east.hitc.com/

Click on "EBIS" from this page to get to the ECS Baseline Information System page. On this page, click on the "Technical Docs List" button beneath the ECS Technical Documents heading. This page will give a list of technical documents. The document entitled "Site-Host Map" will give a listing of functional servers across the sites. The document entitled "Baseline Install Matrix" will provide a custom code wiring diagram that associates functions across site machines. The .sitemap file will provide mappings of package files and installable units to functional areas.

For more information on the site unique configurations refer to the 920- series documents.

SUBSYSTEM	SRC CI	HOST FUNCTION	EDC	GSFC	LaRC	NSIDC	SMC	VATC
AST Subsystem	ASTHW	ASTER DEM Workstation	e0ass03					
AST Subsystem	ASTHW	ASTER LUT Database Server 01	e0ass01					
AST Subsystem	ASTHW	ASTER LUT Database Server 02	e0ass02					
CSS Subsystem	DCHCI	Bulletin Board Server					m0css02	
CSS Subsystem	DCHCI	CSS Server	e0css02	g0css02	l0css02	n0css02	m0css03	t1css01
CSS Subsystem	DCHCI	FTP Server 01					m0css05	
CSS Subsystem	DCHCI	FTP Server 02					m0css04	
DMS Subsystem	DMGHW	DBA Operations Workstation				n0dmh02		t1dmh03
DMS Subsystem	DMGHW	Data Spec Workstation 01	e0dms03	g0dms03	l0dms01			t1dms02
DMS Subsystem	DMGHW	Data Spec Workstation 02	e0dms04	g0dms04	l0dms04	n0dms04		
DMS Subsystem	DMGHW	Data Spec Workstation 03		g0dms05	l0dms05			
DMS Subsystem	DMGHW	Sybase Backup Server				n0dmh01		t1dmh01
DMS Subsystem	INTHW	Interface Server 01	e0ins02	g0ins02	l0ins02	n0ins02		t1ins01
DMS Subsystem	INTHW	Interface Server 02	e0ins01	g0ins01	l0ins01	n0ins01		t1ins02
DPS Subsystem	AITHW	AIT Workstation	e0ais02	g0ais05	l0ais09			t1ais03
DPS Subsystem	AITHW	AIT Workstation/DBMS Server	e0ais03	g0ais01	l0ais01	n0ais01		
DPS Subsystem	AQAHW	Disk/RAID Driver	e0aqg01	g0aqg01	l0aqg02	n0aqg01		t1aqg01
DPS Subsystem	AQAHW	QA Workstation 01	e0aqg02	g0aqg02	l0aqg01	n0aqg02		t1aqg02
DPS Subsystem	SPRHW	Queuing Server	e0sps04	g0sps06	l0sps03	n0sps08		t1sps02
DPS Subsystem	SPRHW	Science Processor 01	e0spg01	g0spg01	l0spg01	n0spg03		t1spg01
DPS Subsystem	SPRHW	Science Processor 02			l0spg05			
DPS Subsystem	SPRHW	Science Processor 03	e0spg05	g0spg07	l0spg06			
DPS Subsystem	SPRHW	Science Processor 04				n0spg01		
DSS Subsystem	ACMHW	AMU 01		g0drp05				
DSS Subsystem	ACMHW	APC Server (P)	e0acg01	g0acg01	l0acg02	n0acg01		t1acg01
DSS Subsystem	ACMHW	APC Server (S)	e0acg02	g0acg05	l0acg05	n0acg02		
DSS Subsystem	ACMHW	Operations WS 01	e0acs03	g0acs02	l0acs01	n0acs03		t1acs02
DSS Subsystem	ACMHW	Operations WS 02	e0acs04	g0acs06	l0acs06	n0acs06		
DSS Subsystem	ACMHW	SDSRV Server (P)	e0acs05	g0acs03	l0acs03	n0acs04		t1acs03
DSS Subsystem	ACMHW	SDSRV Server (S)	e0acs06	g0acs04	l0acs04	n0acs05		
DSS Subsystem	DIPHW	Distribution Server (P)	e0dis02	g0dis02	l0dis02	n0dis02		t1dps01
DSS Subsystem	DIPHW	Distribution Server (S)	e0dis01	g0dis01	l0dis01	n0dis01		t1dps04
DSS Subsystem	DIPHW	Scanner Host PC	e0dip05	g0dip03	l0dip03	n0dip04		t1dpp02
DSS Subsystem	DRPHW	ACSLS Workstation 01	e0drs03	g0drs03	l0drs02	n0drs03		t1drs02

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SUBSYSTEM	SRC CI	HOST FUNCTION	EDC	GSFC	LaRC	NSIDC	SMC	VATC
DSS Subsystem	DRPHW	ACSLS Workstation 02	e0drs04	g0drs04				
DSS Subsystem	DRPHW	FSMS Server (P1)	e0drg01	g0drg01	l0drg01	n0drg01		t1drg01
DSS Subsystem	DRPHW	FSMS Server (P2)	e0drg02	g0drg02				
DSS Subsystem	DRPHW	FSMS Server (S)	e0drg05	g0drg07	l0drg03	n0drg02		
DSS Subsystem	DRPHW	Performance Monitor		g0drg06				
DSS Subsystem	WKSHW	AMU 02	e0wkp02					
DSS Subsystem	WKSHW	Working Storage Host	e0wkg01	g0wkg01	l0wkg01			t1wkg01
INS Subsystem	ICLHW	Ingest Server (P)	e0icg01	g0icg01	l0icg01			t1icg01
INS Subsystem	ICLHW	Ingest Server (S)	e0icg02	g0icg02	l0icg02			t1icg03
INS Subsystem	ICLHW	Ingest Workstation	e0icg03	g0icg03	l0icg03			t1icg02
MSS Subsystem	MHCI	Applications Server (P)	e0mss21	g0mss21	l0mss21	n0mss21	m0mss15	t1mss06
MSS Subsystem	MHCI	Applications Server (S)	e0mss20	g0mss20	l0mss20	n0mss20	m0mss16	t1mss07
MSS Subsystem	MHCI	CM Server	e0mss02	g0mss02	l0mss01	n0mss02	m0mss02	t1mss03
MSS Subsystem	MHCI	MSS File Server	e0mss01	g0mss10	l0mss10	n0mss01	m0mss01	t1mss04
MSS Subsystem	MHCI	MSS Server (P)	e0msh03	g0msh08	l0msh03	n0msh03	m0msh03	t1msh01
MSS Subsystem	MHCI	MSS Server (S)	e0msh11	g0msh11	l0msh22	n0msh10	m0msh14	t1msh08
MSS Subsystem	MHCI	PC Client 01	e0msp08	g0msp03	l0msp07	n0msp09	m0msp06	t1msp05
MSS Subsystem	MHCI	PC Client 02	e0msp07	g0msp04	l0msp08	n0msp08	m0msp07	
MSS Subsystem	MHCI	PC Client 03					m0msp08	
MSS Subsystem	MHCI	PC Client 04					m0msp09	
MSS Subsystem	MHCI	Planning/Management WS					m0mss12	
MSS Subsystem	MHCI	Tape Backup Server	e0mss04	g0mss07	l0mss05	n0mss05	m0mss04	t1mss02
PLS Subsystem	PLNHW	PDPS DBMS Server	e0pls02	g0pls02	l0pls01	n0pls01		t1pls01
PLS Subsystem	PLNHW	Planning/Management WS 01	e0pls03	g0pls01	l0pls02	n0pls02		t1pls02
PLS Subsystem	PLNHW	Planning/Management WS 02	e0pls01	g0pls03		n0pls03		

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Appendix B. 5A Installation Instructions

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1   RELEASE NOTES

This section provides information on operational changes for the <RELEASE> baseline.

1.1   ECS Assistant

The following changes have been made to the ECS Assistant:

- There is a new option on the *Mode and Mode Installation* window which appears after you click the **install** button. At the bottom of the window is a section titled *Use current site specific configuration values*. If you wish to retain your existing site-specific configurable parameters, select the **YES** radio button. If you wish to use the default parameter settings, and completely re-enter your site-specific values, select the **NO** radio button.

    NOTE: If **YES** is selected, the installation process assumes that all changes to xxx.CFG files have been mirrored in the appropriate subsystem .cfgparms file. This allows the software to patch the .cfgparms file to update it for the current release. Refer to the SETUP instructions for more information on synchronizing the xxx.CFG and .cfgparms files.

- Mode Preparation: EcCoDeleteMode script
    This release introduces the use of the EcCoDeleteMode scrip to clean out a mode prior to starting the installation.

    If all hosts are not up and running when this script is executed, you will have to perform the cleanout manually for the unprocessed hosts.

    This script does **<u>NOT</u>** delete files and directories in the following locations:
    - /usr/ecs/<MODE>/CUSTOM/data
    - /usr/ecs/<MODE>/<mount_points>

1.1   SETUP

The following changes have been made to the SETUP procedures:

- Use of the mode cleanout script EcCoDeleteMode has been added.
- Synchronization of the xxx.CFG and .cfgparms files has been added.

1.1   CLS

The Java DAR Tool is not delivered with 5A_Epsilon. It will be included in a later release.

1.1   CSS

N/A

1.1   DMS

N/A

1.1   DPS

The following file changes have occurred at this release:
- /usr/ecs/<MODE>/CUSTOM/bin/DPS/EcDpPrSMFLink has been changed to EcDpPrSMFCopy
- /usr/ecs/<MODE>/CUSTOM/bin/DPS/EcDpPrEMGetAncHeaders has been added

RELEASE NOTES (continued)

1.7   DSS

1.7.1   DSS-DDIST
N/A

1.7.2   DSS-STMGT
The following changes have been made in STMGT:

- It is no longer necessary to save the /usr/ecs/<MODE>/CUSTOM/data/DSS/ARCHRESCONFIG files. These files are re-generated through the install and mkcfg process.
- This release adds support for multi-threaded operation of the EcDsStPullMonitorServer. Refer to the Make Configuration section of the STMGT installation instructions for details on configuring this option.
- The ESDT mapping for logical volume groups has changed to include corrected names for some MODIS ESDTs and to add the AIRS ESDTs

1.7.3   DSS-SDSRV
N/A

1.8   INS
The following changes have occurred at this release:

- A new server, EcInEmailGWServer, has been added.
- A version number must now be included in all PDRs. For this release, the parameter DATA_VERSION <u>must</u> be set to 01.

1.9   IOS
The following changes have been made at this release:

- The EcIoAdSiteSpecific and EcIoAdReplaceHtml scripts should be run **EVERY** time IOS is installed, even if mkcfg is not performed. The instructions have been changed to reflect this.
- Script EcIoAdCGIProgs should be run whenever a mkcfg is performed.

1.10   MSS
N/A

1.11   PLS
N/A

1.12   TOOLKIT
N/A

1.13   V0C
N/A

2   SETUP

This document provides installation instructions for the <RELEASE> baseline. The **SETUP** section describes the activities which must be performed prior to starting the individual subsystem installations.

INITIAL SETUP:

___ a)   **Review any Workarounds for the Initial Setup phas**e.

___ b)   Using the information provided at PSR, verify/create adequate disk resources on staging server (see Table A)

___ c)   Create the staging directory for this drop:

/net/<server_name>/<distribution_directory>/<stage_directory>/<platform_type>

where:
<server_name> is the host name of the staging server (see Table A)
<distribution_directory> is the name of the top-level distribution directory (currently dist at all DAACs)
<stage_directory> is the name of the staging directory for this drop, such as DROP5A_EPSILON
<platform_type> is the architecture-specific directory name (such as SUN, SGI, HP, SGI_TOOLKIT, and SUN_TOOLKIT)

Table A – Staging Servers

PARAMETER	VALUE
EDC	e0mss01
GSFC	g0mss10
LaRC	l0mss10
NSIDC	n0mss01
Mini-DAAC	Fallen
VATC	t1code1

___ c)   Notify SMC to deliver the drop

___ d)   Verify drop receipt & file sizes. For **each** <platform_type>:

cd /<distribution_directory>/<stage_directory>/<platform_type>
… verify the <drop_name>_Pkg.tar.gz file is present
… verify the <drop_name>_Setup.ksh file is present

___ e)   Check disk resources on each installation host.

SETUP – Installation and Configuration (continued)

STAGING (FULL DELIVERY):

Unpack the delivery tar files (this step must be performed under a user account with write permission to <stage_directory> and /tools/common) on the staging server.

The full delivery of the initial 5A release to the DAACs consists of a total of **eight** tar files, as follows:

- Four standard tar files (5A_EPSILON_TOOLKIT_sgi6n32_19990702_074823_Pkg.tar.gz, 5A_EPSILON_hp10_19990701_085948_Pkg.tar.gz, 5A_EPSILON_sgi6n32_19990701_090434_Pkg.tar.gz, 5A_EPSILON_sun5.5_19990701_150223_Pkg.tar.gz)
- One tar file containing the re-delivery of the EcEsdt.pkg package (5A_EPSILON_EcEsdt_sun5.5_19990709_130930_Pkg.tar.gz; see CCR 99-0619). This tar file is **ONLY** required for EDC (for Landsat-7 IGS DLLs) and should be ignored by other sites.
- Three supplemental tar files, one each for the Sun, SGI, and HP, containing fixes for some of the installation problems identified in the test installation of 5A at Goddard (DROP5A_EPSILON_FINAL_ PATCH_hp10.tar.gz, DROP5A_EPSILON_FINAL_PATCH_sgi6n32.tar.gz, DROP5A_EPSILON_FINAL_PATCH_sun5.5.tar.gz)

___ a) **Review any workarounds for the Staging (Full Delivery) phase**.

For **each** <platform_type>:

___ d) Change to the platform staging directory:

cd /<distribution_directory>/<staging_directory>/<platform_type>

___ e) Execute the setup script:

./<drop_name>_Setup.ksh

___ f) At the prompt "Press ^C to Cancel, Any Other Key to Continue:", enter any key <u>except</u> ^C.
___ g) At the "*Continue? (Y/N):*" prompt, enter **Y**
___ h) At the "*Update ECS Assist Common Files? (Y/N):*" prompt, enter **Y** for all platforms **except** TOOLKIT
___ i) Verify that the staging area location is correct on the line "Install ECS Staging area to: <distribution_directory>/<staging_directory>/<platform_type>"
___ j) If correct, enter **Y** at the prompt "Enter ^C to Cancel, 'N' to change, 'Y' to continue:"
___ k) Verify that the following messages are received for each <platform_type>:
Cleaning up … done.
Delivery setup is complete, you may now install ECS from staging area.
___ l) At the prompt *"Update ECS Assist Common Files? (Root only)(Y/N)"*, enter **Y** for all platforms **except** TOOLKIT.

STAGING (PARTIAL DELIVERY):

___ a) N/A

SETUP – Installation and Configuration (continued)

MODE PREPARATION:

___ a) **Review any Workarounds for the Mode Preparation phase**.

___ b) Using information provided at PSR, verify that the CUSTOM code partitions for the mode on each host have adequate space for the new installation.

___ c) Obtain a full backup of the system and/or mode for all hosts.

___ d) Shut down all servers for the mode.

___ e) Optional: Save the .cfgparms file(s) for each subsystem on each **primary** host.

___ f) Synchronize your *xxx*.CFG and .cfgparms files on each host. For detailed instructions on this process, refer to the section "*To synchronize the xxx.CFG and .cfgparms files*" in **Setup Notes**.

___ g) For full system installations, execute the EcCoDeleteMode script to clean out the CUSTOM code directories for this mode. For detailed instructions on installing and running this script, refer to the section "*To install and run the **EcCoDeleteMode** script*" in **Setup Notes**.

SETUP NOTES:

To synchronize the xxx.CFG and .cfgparms files:

___ a) The install assumes that the .cfgparms files for all subsystems are up-to-date with respect to the corresponding server and GUI *xxx*.CFG files.   If you have manually edited your *xxx*.CFG files **without** also editing your .cfgparms file, **your .cfgparms file is not up-to-date**. You will need to synchronize **each** subsystem .cfgparms file with your current *xxx*.CFG files.

For each host on which a *mkcfg* is to be performed:

1) Determine which subsystems and CSCIs are installed.
2) Change directory to each <subsystem>/<CSCI> directory under /usr/ecs/<install mode>/CUSTOM/.installed.
3) Open the .cfgparms file for <subsystem>/<CSCI>.
4) In a second window, open the *xxx*.CFG file which corresponds to the first tag in the .cfgparms file.
5) Update the values in the .cfgparms file with the values in the *xxx*.CFG file if they are different.
6) Save the .cfgparms file.
7) Repeat steps 4 -5 for each tag in the .cfgparms file and its corresponding *xxx*.CFG file.
8) Repeat steps 2 - 6 for each subsystem.

___ d) Optional: re-run any DAAC-specific configuration parameter save scripts.

To install and run the **EcCoDeleteMode** script:

1) Unpack the delivered tar file in its separate directory on the staging server.
2) Create the directory /tools/common/ea_temp.
3) Copy files as follows:
    cp <stagingpath>/EcCoScriptlib   /tools/common/ea_temp
    cp <stagingpath>/EcCoDeleteMode   /tools/common/ea_temp
    cp <stagingpath>/.sitehostlist   /tools/common/data/ea
4) Edit line 49 of the EcCoDeleteMode script to read:
     EA_LOC=/tools/common/ea_temp
5) Ensure that all hosts containing CUSTOM code are up and running.

6) Login to a server visible to the automounted /tools/common/ea_temp directory, and using the cm<MODE> account, type
     EcCoDeleteMode <MODE>
7) Respond to the prompts as they appear. You will be prompted twice to verify that you want to continue running the script. The script will automatically open a window to display progress.
8) When the script is done, examine the log for out-of- baseline directories and permission problems which prevented the EcCoDeleteMode script from completely cleaning up the host directories. A clean host should contain only the following CUSTOM directories, all owned by cm<MODE>:

cfg.<timestamp>

.installed
data
mount points as appropriate

9) Login to servers that have not been completely cleaned up and cleanup as needed.
10) Remove the /tools/common/ea_temp directory.

WORKAROUNDS:

SETUP:
___ a)   N/A

STAGING (FULL DELIVERY):
___ a)   Stage the tar files in the sequence that they are named above – the standard set of platform tar files, followed by the tar file containing the ESDT package (EDC only), followed by the supplemental tar files. Files contained in the supplemental tar files will overwrite files delivered in the standard (original set). The supplemental tar files contain only a very small set of files – they **do not** provide a complete system delivery.
___ b)   ECSed21462: Copy the EndPoint Manager files for each architecture to their corresponding architecture-dependent common tools directory. (This procedure must be performed using the user account which is the owner of the /automnt/tools/bin/<architecture> directory.)

From the staging server (see Table 1), for **each** <platform_type> and corresponding <architecture> (hpux10, irix6.2, or sun5.5):

cd /<distribution_directory>/<stage_directory>/<platform_type>/.common/bin
cp EcCoCdsMgr /automnt/tools/bin/<architecture>
cp EcCoEpMgr   /automnt/tools/bin/<architecture>

___ c)   ECSed20099: Change file permissions to allow staged installation. This action must be performed as the user account used to stage the delivery.

From the staging server (see Table 1):

cd /<distribution_directory>/<stage_directory>/SUN/CUSTOM/dbms
chmod 0744 CSS/EcSbSybaseLogin.sql
chmod 0744 CSS/EcCsSbDbLogins

SETUP – Installation and Configuration

```
chmod  0744  DMS/EcDmSybaseLogins.sql
chmod  0744  DSS/DsDbSybaseLogins
chmod  0744  IOS/EcIoSybaseLogins.sql
chmod  0744  MSS/ddm_mss_support/users/EcMsActDbLogins
chmod  0744  PLS/EcPlDbLogins

cd  /<distribution_directory>/<stage_directory>/SGI/CUSTOM/dbms
chmod  0744  DSS/EcDsStDbLogin
chmod  0744  INS/EcInDbLogin
```

STAGING (PARTIAL DELIVERY):
___ a)   N/A

MODE PREPARATION:
___ a)   ECSed23520, ECSed23521: EcCoDeleteMode does not delete the TOOLKIT directories
         /usr/ecs/<MODE>/CUSTOM/daac_toolkit_f77 and /usr/ecs/<MODE>/CUSTOM/AAdata.

         You must delete these directories manually on each of your science processor hosts. Deletion of the AAdata directory is optional;
         AAdata has not changed with this release.

CLS – Installation and Configuration (continued)

3   CLS

These procedures are order-dependent. Each individual step should be completed before the follow-on step is attempted for Install, Make Configuration, Make CDS Entries, Databases, and Complete Setup.

Replace all occurrences of the string <MODE> with the mode into which you are performing the installation i.e. TS1, TS2 or OPS. Replace all occurrences of <stage_directory_location> with the path name of the staging directory provided to you by the installation lead.

PREREQUISITES:

___ a)   Read and familiarize yourself with the document "How To Use The ECS Assistant."
___ b)   Review the instructions for your type of installation (usually a normal staged installation).
___ c)   Review build plan for new capabilities and procedures.
___ d)   Review site map file for additions/deletions/changes to the installed configuration.
___ e)   Review HW/SW mapping for additions/deletions/changes to the installed configuration.
___ f)   Review mount point diagram and verify mount points (if applicable to your subsystem).
___ g)   Obtain the site-specific user account names, passwords, and groups required to perform the installation and checkout. This will include any or all of the <build_account>, <dce_login>, <dce_admin>, and <server_manager> accounts, the <server_group>, and the <db_password>.
___ h)   Obtain the staging area directory path name from the installation lead. This should include the architecture-specific path component (such as SUN, SGI, or HP):
         <stage_directory_location> =_____

INSTALL:

INSTALLATION PREPARATION:
___ a)   If your site is using the DAAC Desktop (currently EDC and VATC), save the current role file, and restore it after the installation and any required mkcfg are complete. The role file is:
         /usr/ecs/<MODE>/CUSTOM/data/MSS/EcTvRolefile.dat

___ b)   For patch installations where no mkcfg is to be performed, you may save your current site-specific configuration settings by saving the configuration parameters file (/usr/ecs/<MODE>/CUSTOM/.installed/CLS/.cfgparms), and restoring it after the installation is complete:

         NOTE: The .cfgparms files must be saved before any other subsystems which include CLS components (such as IOS) are installed on a particular host. The first installation involving a CLS component will overwrite the .cfgparms file.

INSTALLATION:
___ a)   **Review any workarounds for the Install phase**.
___ b)   **Review any Special Instructions for the Install phase**.
___ c)   Identify primary and secondary installation hosts (per site map).
___ d)   Identify the software packages to be installed on this host (per site map).
___ e)   If this is a full system delivery, verify that the Installation Lead has cleaned out the mode on this host.
___ f)   Verify that the CLS stageinstall phase has been completed.

CLS – Installation and Configuration (continued)

___ g) Using EcCoAssist, perform a normal staged installation for the appropriate target architecture (Sun, HP, SGI) for the following component(s) on each primary and secondary host:

EcCl

SPECIAL INSTRUCTIONS FOR THE INSTALL PHASE:

___ a) All sites should install the following package on the primary and secondary (backup) servers:

.EcClINTFCSVR.pkg

VERIFICATION

___ a) Subsystem icon indicates a successful installation ("green light")

___ b) Review the Results window of the ECS Assistant Subsystem Manager for any warning or error messages.

MAKE CONFIGURATION:

___ a) Review any Workarounds for the Make Configuration phase.

___ b) Execute the mkcfg function of EcCoAssist on each primary host, using either the Configurable Parameters table provided with the Release documentation (if available), or the configurable parameter values from your previous installation configuration.

___ c) Verify that the xxx.CFG, xxx.ACFG, and xxx.PCFG files have a group membership of <server_group>.

NEW OR CHANGED CONFIGURABLE PARAMETERS FOR THIS RELEASE:

Parameter	Server	Recommended Value
V0DataCenterID	UserProfileGateway	…same value as DATA_CENTER_ID in archive.odl file

SPECIAL INSTRUCTIONS FOR CONFIGURING CLS:

___ a) Verify that the Netscape Server has been installed and configured for this <MODE>:

cd /usr/ecs/**OPS**/COTS/ns-home/https-<SERVER_NAME>_IOS_<MODE>/config
grep ecs obj.conf

___ b) If the *obj.conf* file contains ECS- and mode-specific information, the Netscape Server has already been installed and delivered. If not, execute the following instructions (these steps must be performed as the UNIX superuser):

Move the *obj.conf* file to the location needed by the Netscape Server:

cd /usr/ecs/<MODE>/CUSTOM/WWW/CLS/config
cp obj.conf /usr/ecs/OPS/COTS/nshome/https-<SERVER_NAME>_CLS_<MODE>/config/obj.conf

where:

CLS – Installation and Configuration (continued)

<MODE> is the current mode (OPS, TS1, or TS2)
<SERVER_NAME> is the host name of the primary CLS server

MAKE CDS ENTRIES:

___ a)   Using EcCoAssist, execute the mkcdsentry function on the **<u>primary</u>** server.

___ b)   If necessary, set the group membership on the keytab files to <server_group>.

VERIFICATION

___ d)   Review the Results window of the ECS Assistant for any warning or error messages.

___ e)   Verify that keytab files were created for all CLS servers in the directory /usr/ecs/<MODE>/CUSTOM/security.

DATABASE:

___ a)   N/A

START SERVERS:

___ a)   SHARED mode must be installed before starting any servers.

___ b)   For the initial startup, use the "start" function of the ECS Assistant Subsystem Manager to start your servers. EcCoAssist should be running as user **<server_manager>** to start servers.

___ c)   Click **start** at the Component level; all servers should start.

___ d)   During the initial period (before HPOV is configured), use the "monitor" button of the ECS Assistant Subsystem Manager to monitor server status.

VERIFICATION

___ a)   Verify that the server(s) stay up for at least one minute.

___ b)   Check the server logs for any error messages indicating that the startup may have failed.

START GUIS:

___ a)   Before starting the Science User GUI, remove any existing ECS preferences files from the user account's home directory:

cd☐
unalias rm☐
rm -rf .ecs☐

___ b)   To start the Science User desktop GUI:

cd /usr/ecs/<MODE>/CUSTOM/bin/CLS☐
source runrc_cls☐
desktop☐
…login as user ECSGuest (no password required)
…verify that each icon launches

___ c)   If EOSView was installed on this host, start the EOSView GUI:

CLS – Installation and Configuration (continued)

cd /usr/ecs/<MODE>/CUSTOM/eosview
EOSView

COMPLETE SETUP:

___ a)   Restore any files which were saved prior to, or in, the Installation phase.

POST-INSTALLATION:

___ a)   Compare the installed configuration with the site-specific HW/SW baseline to verify the installation.

WORKAROUNDS:

INSTALLATION

___ a)   ECSed16495: Verify that the value of the **ECS_BROWSER** variable is correct in the *runrc_cls* file located in directory */usr/ecs/<MODE>/CUSTOM/bin/CLS*. The correct value is:

___ b)   setenv ECS_BROWSER /tools/bin/netscape/netscape

___ c)   ECSed23328: Do not install the EcClDAAC.pkg. This package is no longer delivered and will be removed from the sitempa in future releases.

MAKE CONFIGURATION

___ a)   N/A

DATABASES

___ a)   N/A

COMPLETE SETUP

___ a)   N/A

CONFIGURATION NOTES:

The CLS component may require a make configuration phase, even for a patch installation. To determine if a *mkcfg* is required, check the contents of the file:

/usr/ecs/<MODE>/CUSTOM/data/CLS/ecs_preferences/actions

If you are using the B0SOT test tool, the path names defined in this file should contain the **$ECS_MODE** variable in the appropriate location. For example, for the B0 search & order tool (B0SOT), the path name should be:

$ECS_HOME/$ECS_MODE/CUSTOM/bin/V0_Client/run_bosot.sh $ECS_HOME $ECS_MODE

If the **$ECS_MODE** variable is missing, you must execute the *mkcfg* function of the ECS Assistant to generate correct configuration files.

4   CSS

4.1   CSS – Servers and GUIs

These procedures are order-dependent. Each individual step should be completed before the follow-on step is attempted for Install, Make Configuration, Make CDS Entries, Databases, and Complete Setup.

Replace all occurrences of the string <MODE> with the mode into which you are performing the installation i.e. TS1, TS2 or OPS. Replace all occurrences of <stage_directory_location> with the path name of the staging directory provided to you by the installation lead.

PREREQUISITES:

___ a)   Read and familiarize yourself with the document "How To Use The ECS Assistant."
___ b)   Review the instructions for your type of installation (usually a normal staged installation).
___ c)   Review build plan for new capabilities and procedures.
___ d)   Review site map file for additions/deletions/changes to the installed configuration.
___ e)   Review HW/SW mapping for additions/deletions/changes to the installed configuration.
___ f)   Review mount point diagram and verify mount points (if applicable to your subsystem).
___ g)   Obtain the site-specific user account names, passwords, and groups required to perform the installation and checkout. This will include any or all of the <build_account>, <dce_login>, <dce_admin>, and <server_manager> accounts, the <server_group>, and the <db_password>.
___ h)   Obtain the staging area directory path name from the installation lead. This should include the architecture-specific path component (such as SUN, SGI, or HP):
         <stage_directory_location> =_____

INSTALL:

INSTALLATION:
___ a)   **Review any workarounds for the Install phase**.
___ b)   **Review any Special Instructions for the Install phase**.
___ c)   Identify primary and secondary installation hosts (per site map).
___ d)   Identify the software packages to be installed on this host (per site map).
___ e)   If this is a full system delivery, verify that the Installation Lead has cleaned out the mode on this host.
___ f)   Using EcCoAssist, perform a normal staged installation for the appropriate target architecture (Sun, HP, SGI) for the following component(s) on each primary and secondary host:

         EcCs

VERIFICATION
___ a)   Subsystem icon indicates a successful installation ("green light")
___ b)   Review the Results window of the ECS Assistant Subsystem Manager for any warning or error messages.

CSS – Installation and Configuration (continued)

MAKE CONFIGURATION:

___ a) **Review any Workarounds for the Make Configuration phase.**

___ b) Execute the mkcfg function of EcCoAssist on each **primary** host, using either the Configurable Parameters table provided with the Release documentation (if available), or the configurable parameter values from your previous installation configuration.

___ c) Verify that the xxx.CFG, xxx.ACFG, and xxx.PCFG files have a group membership of <server_group>.

NEW OR CHANGED CONFIGURABLE PARAMETERS FOR THIS RELEASE:

    N/A

Special Instructions for the Subscripton Server GUI Make Configuration

___ a) From EcCoAssist Subsystem Manager select Extensions and then CSSGUI. The Extension Parameter Screen pop-up is displayed.

___ b) Enter a value (usually 1) for NoReqArgs and a value (the mode being installed) for MODE. When all parameters have been entered, select Ok

VERIFICATION:

___ a) Check that all CSS CFG, ACFG, and PCFG files were updated during the mkcfg process

___ b) Verify that mode-specific parameters contain the correct mode identifier

MAKE CDS ENTRIES:

___ a) Using EcCoAssist, execute the mkcdsentry function on the **primary** server.

___ b) If necessary, set the group membership on the keytab files to <server_group>.

VERIFICATION:

___ a) Review the Results window of the ECS Assistant for any warning or error messages.

___ b) Verify that keytab files were created for all CSS servers in the directory /usr/ecs/<MODE>/CUSTOM/security.

DATABASE:

___ a) **Review any Workarounds for the Database phase**.

___ b) Obtain the required database parameters:

CSS – Installation and Configuration (continued)

Table A - Database Parameters

PARAMETER	VALUE
DBO ID, db_user_name	css_role
Password, db_user_password	<DBO password>
SQL Server Name, server_name	*xxXXXnn*_srvr
Database Name	SubServer[_<MODE>]

Where **SubServer** is the database name in OPS mode, and **SubServer_<MODE>** is the database name in TS1 and TS2.

___(a) Obtain the current version of the database:
> **isql -S <server_name> -U <db_user_name> -P <db_user_password>**☐
> **use SubServer[_<MODE>]**☐
> **go**☐
> **select EcDbDropVersion from EcDbDatabaseVersions where EcDbCurrentVersionFlag="Y"**☐
> **go**☐
… note the database version name
> **quit**

___(b) Using EcCoAssist on the primary server, execute the DbBuild function to create the CSS database
___(c) Select file .dbparms within the select a file box, then select Ok in the Database Config box.
___(d) Enter the required parameters in the Database Script Parameters dialogue box.
___(e) Select Ok to start the database build.

VERIFICATION:
___ a) Review the file EcCsDbBuild.log in /usr/ecs/<MODE>/CUSTOM/logs for any error or warning messages.
___ b) Verify that the current database version is **"Drop 5A"**:
> **isql -S <server_name> -U <db_user_name> -P <db_user_password>**☐
> **use SubServer[_<MODE>]**☐
> **go**☐
> **select EcDbDropVersion from EcDbDatabaseVersions where EcDbCurrentVersionFlag="Y"**☐
> **go**☐
… note the database version name
> **quit**

___ c) Have the DBA verify the database changes through the DbDesc script for this subsystem.

START SERVERS:
___ a) SHARED mode must be installed before starting any servers.
___ b) For the initial startup, use the "start" function of the ECS Assistant Subsystem Manager to start your servers. EcCoAssist should be running as user **<server_manager>** to start servers.
___ c) Click **start** at the Component level; all servers should start.

CSS – Installation and Configuration (continued)

___ d)   During the initial period (before HPOV is configured), use the "monitor" button of the ECS Assistant Subsystem Manager to monitor server status.

VERIFICATION
___ a)   Verify that the server(s) stay up for at least one minute.
___ b)   Check the server logs for any error messages indicating that the startup may have failed.

START GUIS:

___ a)   From the command line, start the GUIs which are a part of your component on the appropriate host(s):

    cd /usr/ecs/<MODE>/CUSTOM/utilities
    dce_login <dce-user> <dce-password>
    EcSbSubServerGUIStart <MODE>

COMPLETE SETUP:

___ a)   N/A

POST-INSTALLATION:

___ a)   Compare the installed configuration with the site-specific HW/SW baseline to verify the installation.

WORKAROUNDS:

INSTALLATION
___ a)   N/A

MAKE CONFIGURATION
___ b)   N/A

DATABASES
___ c)   N/A

COMPLETE SETUP
___ d)   N/A

INSTALLATION NOTES:

___ a)   N/A

CSS – Installation and Configuration (continued)

4.2   CSS – Common Code

These procedures are order-dependent. Each individual step should be completed before the follow-on step is attempted for Install, Make Configuration, Make CDS Entries, Databases, and Complete Setup.

Replace all occurrences of the string <MODE> with the mode into which you are performing the installation i.e. TS1, TS2 or OPS. Replace all occurrences of <stage_directory_location> with the path name of the staging directory provided to you by the installation lead.

PREREQUISITES:

___ a)   Read and familiarize yourself with the document "How To Use The ECS Assistant."
___ b)   Review the instructions for your type of installation (usually a normal staged installation).
___ c)   Review build plan for new capabilities and procedures.
___ d)   Review site map file for additions/deletions/changes to the installed configuration.
___ e)   Review HW/SW mapping for additions/deletions/changes to the installed configuration.
___ f)   Review mount point diagram and verify mount points (if applicable to your subsystem).
___ g)   Obtain the site-specific user account names, passwords, and groups required to perform the installation and checkout. This will include any or all of the <build_account>, <dce_login>, <dce_admin>, and <server_manager> accounts, the <server_group>, and the <db_password>.
___ h)   Obtain the staging area directory path name from the installation lead. This should include the architecture-specific path component (such as SUN, SGI, or HP):
              <stage_directory_location> =_____

INSTALL:

INSTALLATION:
___ a)   **Review any workarounds for the Install phase**.
___ b)   **Review any Special Instructions for the Install phase.**
___ c)   Identify primary and secondary installation hosts (per site map).
___ d)   Identify the software packages to be installed on this host (per site map).
___ e)   If this is a full system delivery, verify that the Installation Lead has cleaned out the mode on this host.
___ f)   Using EcCoAssist, perform a normal staged installation for the appropriate target architecture (Sun, HP, SGI) for the following component(s) on each primary and secondary host (the Common code is installed on all hosts in all modes):

              EcCs

VERIFICATION
___ a)   Subsystem icon indicates a successful installation ("green light")
___ b)   Review the Results window of the ECS Assistant Subsystem Manager for any warning or error messages.

CSS – Installation and Configuration (continued)

MAKE CONFIGURATION:

___(a)   N/A

NEW OR CHANGED CONFIGURABLE PARAMETERS FOR THIS RELEASE:
N/A

MAKE CDS ENTRIES:

___ a)   N/A

DATABASE:

___ a)   N/A

START SERVERS:

___ a)   N/A

START GUIS:

___ a)   N/A

COMPLETE SETUP:

___ a)   N/A

POST-INSTALLATION:

___ a)   Compare the installed configuration with the site-specific HW/SW baseline to verify the installation.

WORKAROUNDS:

INSTALLATION
___ a)   N/A

MAKE CONFIGURATION
___ a)   N/A

DATABASES
1.   N/A

COMPLETE SETUP
___ a)   N/A

INSTALLATION NOTES:

N/A

DMS – Installation and Configuration (continued)
5   DMS

These procedures are order-dependent. Each individual step should be completed before the follow-on step is attempted for Install, Make Configuration, Make CDS Entries, Databases, and Complete Setup.

Replace all occurrences of the string <MODE> with the mode into which you are performing the installation i.e. TS1, TS2 or OPS. Replace all occurrences of <stage_directory_location> with the path name of the staging directory provided to you by the installation lead.

PREREQUISITES:

___ a)   Read and familiarize yourself with the document "How To Use The ECS Assistant."
___ b)   Review the instructions for your type of installation (usually a normal staged installation).
___ c)   Review build plan for new capabilities and procedures.
___ d)   Review site map file for additions/deletions/changes to the installed configuration.
___ e)   Review HW/SW mapping for additions/deletions/changes to the installed configuration.
___ f)   Review mount point diagram and verify mount points (if applicable to your subsystem).
___ g)   Obtain the site-specific user account names, passwords, and groups required to perform the installation and checkout. This will include any or all of the <build_account>, <dce_login>, <dce_admin>, and <server_manager> accounts, the <server_group>, and the <db_password>.
___ h)   Obtain the staging area directory path name from the installation lead. This should include the architecture-specific path component (such as SUN, SGI, or HP):
     <stage_directory_location> =_____

INSTALL:

INSTALLATION:
___ a)   **Review any workarounds for the Install phase**.
___ b)   **Review any Special Instructions for the Install phase**.
___ c)   Identify primary and secondary installation hosts (per site map).
___ d)   Identify the software packages to be installed on this host (per site map).
___ e)   If this is a full system delivery, verify that the Installation Lead has cleaned out the mode on this host.
___ f)   Using EcCoAssist, perform a normal staged installation for the appropriate target architecture (Sun, HP, SGI) for the following component(s) on each primary and secondary host:

     EcDm

VERIFICATION
___ a)   Subsystem icon indicates a successful installation ("green light")
___ b)   Review the Results window of the ECS Assistant Subsystem Manager for any warning or error messages.

DMS – Installation and Configuration (continued)

MAKE CONFIGURATION:

___ a) **Review any Workarounds for the Make Configuration phase**.

___ b) Execute the mkcfg function of EcCoAssist on each primary host, using either the Configurable Parameters table provided with the Release documentation (if available), or the configurable parameter values from your previous installation configuration.

___ c) Verify that the xxx.CFG, xxx.ACFG, and xxx.PCFG files have a group membership of <server_group>.

NEW OR CHANGED CONFIGURABLE PARAMETERS FOR THIS RELEASE:
N/A

VERIFICATION:

___ a) Check that all DMS CFG, ACFG, and PCFG files were updated during the mkcfg process

___ b) Verify that mode-specific parameters contain the correct mode identifier.

MAKE CDS ENTRIES:

___ a) Using EcCoAssist, execute the mkcdsentry function on the **primary** server.

___ b) If necessary, set the group membership on the keytab files to <server_group>.

VERIFICATION

___ a) Review the Results window of the ECS Assistant for any warning or error messages.

___ b) Verify that keytab files were created for all DMS servers in the directory /usr/ecs/<MODE>/CUSTOM/security.

DATABASE:

___ **a) Review any Workarounds for the Database phase.**

___ b) Obtain the required database parameters:

Table A - Database Parameters

PARAMETER	VALUE
DBO ID, db_user_name	dms_role
Password, db_user_password	<DBO password>
SQL Server Name, server_name	*xxXXXnn*_srvr
Database Name	EcDmDictService[_<MODE>]

Where **EcDmDictService** is the database name in OPS mode, and **EcDmDictService_<MODE>** is the database name in TS1 and TS2.

___ c) Obtain the current version of the database:

DMS – Installation and Configuration (continued)

> **isql -S <server_name> -U <db_user_name> -P <db_user_password>**☐
> **use EcDmDictService[_<MODE>]**☐
> **go**☐
> **select EcDbDropVersion from EcDbDatabaseVersions where EcDbCurrentVersionFlag="Y"**☐
> **go**☐
… note the database version name
> **quit**

VERIFICATION:
___ a)   Review the file EcDmDdDbBuild.log in /usr/ecs/<MODE>/CUSTOM/logs for any error or warning messages.
___ b)   Verify that the current database version is **"4PY.05.Elmira"**:
> **isql -S <server_name> -U <db_user_name> -P <db_user_password>**☐
> **use EcDmDictService[_<MODE>]**☐
> **go**☐
> **select EcDbDropVersion from EcDbDatabaseVersions where EcDbCurrentVersionFlag="Y"**☐
> **go**☐
… note the database version name
> **quit**
___ c)   Have the DBA verify the database changes through the DbDesc script for this subsystem.

START SERVERS:

___ a)   SHARED mode must be installed before starting any servers.
___ b)   For the initial startup, use the "start" function of the ECS Assistant Subsystem Manager to start your servers. EcCoAssist should be running as user **<server_manager>** to start servers.
___ c)   Click **start** at the Component level; all servers should start.
___ d)   During the initial period (before HPOV is configured), use the "monitor" button of the ECS Assistant Subsystem Manager to monitor server status.

VERIFICATION
___ a)   Verify that the server(s) stay up for at least one minute.
___ b)   Check the server logs for any error messages indicating that the startup may have failed.

START GUIS:

___ a)   From the command line, start the GUIs which are a part of your component on the appropriate host(s).
To start the Maintenance Tool GUI:

cd /usr/ecs/<MODE>/CUSTOM/utilities
EcDmDdMaintenanceToolStart <MODE>

DMS – Installation and Configuration (continued)

COMPLETE SETUP:

___ a)   If you are using the B0SOT test tool, and if you are configuring the system as <u>your</u> ECS DAAC Data Center (such as ECS-XYZ, instead of ECS-TEST), you should obtain and install the latest B0SOT support files (see Installation Notes for procedures on obtaining and installing the support files).

POST-INSTALLATION:

___ a)   Compare the installed configuration with the site-specific HW/SW baseline to verify the installation.

WORKAROUNDS:

<u>INSTALLATION</u>
___ a)   N/A

<u>MAKE CONFIGURATION</u>
___ a)   ECSed?????: "no data available" for package options or granule options on EOS Data Gateway search & order.
The EcDmGwPackage.CFG file must be renamed Package.CFG:

         cd /usr/ecs/<MODE>/CUSTOM/cfg
         mv EcDmGwPackage.CFG Package.CFG

<u>DATABASES</u>
___ a)   ECSed23395: When you install the DMS database there will be errors in the DbBuild log. These errors only reference the version table and do not effect the functionality of the DMS database. To correct the errors you can subsequently apply the 5A database Patch to the just-built DB. To patch the database do the following:

___1   Select EcDmDdDbPatch5A.sql within the select a file box, then select Ok in the Database Config box.
___2   Enter the following parameters in the Database Script Parameters dialogue box:

Table B - Database Parameters

PARAMETER	VALUE
DBO ID	dms_role
Password	<DBO password>
SQL Server Name	*xxXXXnn*_srvr
Database Name	EcDmDictService[_<MODE>]

Where **EcDmDictService** is the database name in OPS mode, and **EcDmDictService_<MODE>** is the database name in TS1 and TS2.

___3   Select Ok to start the database patch.

DMS – Installation and Configuration (continued)

VERIFICATION of the PATCH:

___4   Review the file EcDmDdDbPatch.log in /usr/ecs/<MODE>/CUSTOM/logs for any error or warning messages.

___5   Have the DBA verify the database changes through the DbDesc script for this subsystem.

COMPLETE SETUP

___ a)   N/A

INSTALLATION NOTES:

Updating Support Files

You must update the B0SOT support files if you are using the B0SOT test tool. The support files must be updated on the **primary** DMS server.

These procedures are for release 5A_Epsilon, and use the version bv139 support files. **Check with your V0 administrator to determine if a newer set of files has been made available since the time these installation instructions were generated.**

___ a)   Verify that the V0 Client installation and configuration is complete.

___ b)   Obtain the most recent support files for the V0 Web Client:

    cd /usr/ecs/<MODE>/CUSTOM/data/V0_Client

    ftp harp.gsfc.nasa.gov

    anonymous

    <your_email_address>

    cd incoming/ECS

    binary

    get DEP.139.ECS_SPECIAL.DEV.tar.Z

    quit

___ c)   Save the delivered support files directory:

    mv sup_files sup_files_delivered<RELEASE>

___ d)   Unpack and install the new support files:

    uncompress DEP.139.ECS_SPECIAL.DEV.tar.Z

    tar -xvf DEP.139.ECS_SPECIAL.DEV.tar

    rm DEP.139.ECS_SPECIAL.DEV.tar

    mv bv139 sup_files

___ e)   Replace the bv139-delivered archive.odl file with the ECS-delivered file:

    cp sup_files_delivered<RELEASE>/archive.odl sup_files/archive.odl

___ f)   Copy in the ECS_delivered files required for B0SOT which are not delivered with bv139:

    cd sup_files

    cp ../sup_files_delivered<RELEASE>/WDBTILE **.**

    cp ../sup_files_delivered<RELEASE>/XGaea **.**

    cp ../sup_files_delivered<RELEASE>/acronym.txt **.**

    cp ../sup_files_delivered<RELEASE>/glossary.txt **.**

DMS – Installation and Configuration (continued)

> cp ../sup_files_delivered<RELEASE>/gui_help.gdb .☐
>
> cp ../sup_files_delivered<RELEASE>/gui_helpHelp.txt .☐
>
> cp ../sup_files_delivered<RELEASE>/gui_sysHelp.txt .☐
>
> cp ../sup_files_delivered<RELEASE>/notice.html .☐

NOTE: The files in the sup_files directory are not mode-dependent. Once you have installed the updated support files in one mode, you may copy them into subsequent modes:

cp -r /usr/ecs/<MODE_A>/CUSTOM/data/V0_Client/sup_files /usr/ecs/<MODE_B>/CUSTOM/data/V0_Client

6.   DPS

6.1   DPS – AI&T

These procedures are order-dependent. Each individual step should be completed before the follow-on step is attempted for Install, Make Configuration, Make CDS Entries, Databases, and Complete Setup.

Replace all occurrences of the string <MODE> with the mode into which you are performing the installation i.e. TS1, TS2 or OPS. Replace all occurrences of <stage_directory_location> with the path name of the staging directory provided to you by the installation lead.

PREREQUISITES:

___ a)   Read and familiarize yourself with the document "How To Use The ECS Assistant."
___ b)   Review the instructions for your type of installation (usually a normal staged installation).
___ c)   Review build plan for new capabilities and procedures.
___ d)   Review site map file for additions/deletions/changes to the installed configuration.
___ e)   Review HW/SW mapping for additions/deletions/changes to the installed configuration.
___ f)   Review mount point diagram and verify mount points (if applicable to your subsystem).
___ g)   Obtain the site-specific user account names, passwords, and groups required to perform the installation and checkout. This will include any or all of the <build_account>, <dce_login>, <dce_admin>, and <server_manager> accounts, the <server_group>, and the <db_password>.
___ h)   Obtain the staging area directory path name from the installation lead. This should include the architecture-specific path component (such as SUN, SGI, or HP):
         <stage_directory_location> =_____

INSTALL:

INSTALLATION:
___ a)   **Review any workarounds for the Install phase**.
___ b)   **Review any Special Instructions for the Install pha**se.
___ c)   Identify primary and secondary installation hosts (per site map).
___ d)   Identify the software packages to be installed on this host (per site map).
___ e)   If this is a full system delivery, verify that the Installation Lead has cleaned out the mode on this host.
___ f)   Using EcCoAssist, perform a normal staged installation for the appropriate target architecture (Sun, HP, SGI) for the following component(s) on each primary and secondary host:

         EcDpAt

VERIFICATION
___ a)   Subsystem icon indicates a successful installation ("green light")
___ b)   Review the Results window of the ECS Assistant Subsystem Manager for any warning or error messages.

DPS – Installation and Configuration (continued)

MAKE CONFIGURATION:

    ___ a) **Review Workarounds for the Make Configuration phase**.

    ___ b) Execute the mkcfg function of EcCoAssist on each **primary** host, using either the Configurable Parameters table provided with the Release documentation (if available), or the configurable parameter values from your previous installation configuration.

    ___ c) Verify that the xxx.CFG, xxx.ACFG, and xxx.PCFG files have a group membership of <server_group>.

NEW OR CHANGED CONFIGURABLE PARAMETERS FOR THIS RELEASE:

Parameter	Component	Change
DATA_SERVER_HOST	EcDpAtCommon	deleted

VERIFICATION:

    ___ a) Check that all DPS CFG, ACFG, and PCFG files were updated during the mkcfg process

    ___ b) Verify that mode-specific parameters contain the correct mode identifier

MAKE CDS ENTRIES:

    ___ a) N/A

DATABASE:

    ___ a) PDPS database build/patch completed by PLS.

START SERVERS:

    ___ a) N/A

START GUIS:

    ___ a) Review any workarounds for the Start GUIs phase.

    ___ b) IOS & DSS installation and server startup completed.

    ___ c) From the command line, start the GUIs which are a part of your Component.
    cd /usr/ecs/<MODE>/CUSTOM/utilities
    EcDpAtMgrStart <MODE>
    … start all tools from the GUI menu bar "Tools"

COMPLETE SETUP:

    ___ a) N/A

POST-INSTALLATION:

    ___ a) Compare the installed configuration with the site-specific HW/SW baseline to verify the installation.

DPS – Installation and Configuration (continued)

WORKAROUNDS:

      INSTALLATION
      ___ a)   N/A

      MAKE CONFIGURATION
      ___ b)   N/A

      DATABASES
      ___ c)   N/A

      START GUIs
      ___ d)   N/A

      COMPLETE SETUP
      ___ e)   N/A

INSTALLATION NOTES:

      ___ a)   The following files changes have occurred at 5A_Epsilon:

File Name	Change
DpAtMgr_fontcolor.html	deleted
DpAtMgr_getMCF.html	added

6.2   DPS – JOB MANAGEMENT

These procedures are order-dependent. Each individual step should be completed before the follow-on step is attempted for Install, Make Configuration, Make CDS Entries, Databases, and Complete Setup.

Replace all occurrences of the string <MODE> with the mode into which you are performing the installation i.e. TS1, TS2 or OPS. Replace all occurrences of <stage_directory_location> with the path name of the staging directory provided to you by the installation lead.

PREREQUISITES:

      ___ a)   Read and familiarize yourself with the document "How To Use The ECS Assistant."
      ___ b)   Review the instructions for your type of installation (usually a normal staged installation).
      ___ c)   Review build plan for new capabilities and procedures.
      ___ d)   Review site map file for additions/deletions/changes to the installed configuration.
      ___ e)   Review HW/SW mapping for additions/deletions/changes to the installed configuration.
      ___ f)   Review mount point diagram and verify mount points (if applicable to your subsystem).

DPS – Installation and Configuration (continued)

___ g) Obtain the site-specific user account names, passwords, and groups required to perform the installation and checkout. This will include any or all of the <build_account>, <dce_login>, <dce_admin>, and <server_manager> accounts, the <server_group>, and the <db_password>.

___ h) Obtain the staging area directory path name from the installation lead. This should include the architecture-specific path component (such as SUN, SGI, or HP):
<stage_directory_location> =_____

INSTALL:

INSTALLATION:

___ a) **Review any workarounds for the Install phase**.
___ b) **Review any Special Instructions for the Install phase**.
___ c) Identify primary and secondary installation hosts (per site map).
___ d) Identify the software packages to be installed on this host (per site map).
___ e) If this is a full system delivery, verify that the Installation Lead has cleaned out the mode on this host.
___ f) Using EcCoAssist, perform a normal staged installation for the appropriate target architecture (Sun, HP, SGI) for the following component(s) on each primary and secondary host:

EcDpPr

VERIFICATION

___ a) Subsystem icon indicates a successful installation ("green light")
___ b) Review the Results window of the ECS Assistant Subsystem Manager for any warning or error messages.

MAKE CONFIGURATION:

___ a) **Review Workarounds for the Make Configuration phase**.
___ b) Execute the mkcfg function of EcCoAssist on each **primary** host, using either the Configurable Parameters table provided with the Release documentation (if available), or the configurable parameter values from your previous installation configuration.
___ c) Verify that the xxx.CFG, xxx.ACFG, and xxx.PCFG files have a group membership of <server_group>.

NEW OR CHANGED CONFIGURABLE PARAMETERS FOR THIS RELEASE:

Parameter	Component	Change	Recommended Value
DpPrDM_DataServerHost	EcDpPrDM	Deleted	n/a
DpPrEM_LevelZeroDataName	EcDpPrEM	Deleted	n/a
DpPREM_FAILPGE_DATA_TYPE	EcDpPrEM	Deleted	n/a
DpPrSTAGE_WAIT_TIME	EcDpPrDM	Added	30 (default)

VERIFICATION:

___ a) Check that all DPS CFG, ACFG, and PCFG files were updated during the mkcfg process
___ b) Verify that mode-specific parameters contain the correct mode identifier

DPS – Installation and Configuration (continued)

MAKE CDS ENTRIES:

  ___ a) Using EcCoAssist, execute the mkcdsentry function on the **<u>primary</u>** server.

  ___ b) If necessary, set the group membership on the keytab files to <server_group>.

  <u>VERIFICATION</u>

  ___ a) Review the Results window of the ECS Assistant for any warning or error messages.

  ___ b) Verify that keytab files were created for all DPS servers in the directory /usr/ecs/<MODE>/CUSTOM/security.

DATABASE:

  ___ a) PDPS database build/patch completed by PLS.

START SERVERS:

  ___ a) SHARED mode must be installed before starting any servers.

  ___ b) For the initial startup, use the "start" function of the ECS Assistant Subsystem Manager to start your servers. EcCoAssist should be running as user **<server_manager>** to start servers.

  ___ c) Click start at the Component level; all servers should start.

  ___ d) During the initial period (before HPOV is configured), use the "monitor" button of the ECS Assistant Subsystem Manager to monitor server status.

  <u>VERIFICATION</u>

  ___ a) Verify that the server(s) stay up for at least one minute.

  ___ b) Check the server logs for any error messages indicating that the startup may have failed.

START GUIS:

  From the command line, start the GUIs which are a part of your component on the appropriate host(s).

  ___ a) On the queuing server:
    cd /usr/ecs/<MODE>/CUSTOM/utilities
    EcDpPrAutosysStart <MODE> <AutoSys_Instance>

    where <AutoSys_Instance> is:

Site:	AutoSys Instance:
VATC	VAT
EDC, GSFC, LaRC, NSIDC	FMR

  ___ b) On the planning management workstation:
    cd /usr/ecs/<MODE>/CUSTOM/utilities
    EcDpPrQaMonitorGUIStart <MODE>

DPS – Installation and Configuration (continued)

COMPLETE SETUP:

   ___ c)   Refer to the document "ECS Custom Software File Permissions and Special Accounts Standard" (910-TDA-011) for a description of the ftp user accounts and passwords required for running DPS.

POST-INSTALLATION:

   ___ a)   Compare the installed configuration with the site-specific HW/SW baseline to verify the installation.

WORKAROUNDS:

INSTALLATION
   ___ a)   N/A

MAKE CONFIGURATION
   ___ a)   N/A

DATABASES
   ___ a)   N/A

COMPLETE SETUP
   ___ a)   N/A

INSTALLATION NOTES:

Database Performance Tuning:
The SQL server at the DAACs is configured for 200 connections. The parameter DpPrAutoSysMaxJobs in file EcDpPrJobMgmt.CFG defaults to 3200.This means that 400 (3200/8) jobs can run concurrently. Each job box will use a maximum of one connections. If 400 jobs are running, it is possible that the database connections will be exhausted. This problem cannot be fixed with code changes. When th enumber of Sybase connections is not sufficient, then jobs in AutoSys can fail, and possibly deadlock with each other. The DBA can increase the number of connections using the *sp_configure* command. (The SQL server will then need to be restarted.)

AutoSys:
The following AutoSys functions are not currently used:

     Timescape
     Monitor/Browser
     Calendars

The error message "*Error! The Sybase Interfaces is not formatted correctly on lin xxx. No server name line preceded this interface line. Data server info cannot be reported*" may be issued when **Hostscape** is selected. This message can be ignored. AutoSys reads two entries for each server (Master & Query). If there are more than two entries for a server, the error message will be displayed. (More than two entries can appear in an Interfaces file for a server if it is a failover server.)

6.3   DPS – SCIENCE PROCESSORS

These procedures are order-dependent. Each individual step should be completed before the follow-on step is attempted for Install, Make Configuration, Make CDS Entries, Databases, and Complete Setup.

Replace all occurrences of the string <MODE> with the mode into which you are performing the installation i.e. TS1, TS2 or OPS. Replace all occurrences of <stage_directory_location> with the path name of the staging directory provided to you by the installation lead.

PREREQUISITES:

___ a)   Read and familiarize yourself with the document "How To Use The ECS Assistant."
___ b)   Review the instructions for your type of installation (usually a normal staged installation).
___ c)   Review build plan for new capabilities and procedures.
___ d)   Review site map file for additions/deletions/changes to the installed configuration.
___ e)   Review HW/SW mapping for additions/deletions/changes to the installed configuration.
___ f)   Review mount point diagram and verify mount points (if applicable to your subsystem).
___ g)   Obtain the site-specific user account names, passwords, and groups required to perform the installation and checkout. This will include any or all of the <build_account>, <dce_login>, <dce_admin>, and <server_manager> accounts, the <server_group>, and the <db_password>.
___ h)   Obtain the staging area directory path name from the installation lead. This should include the architecture-specific path component (such as SUN, SGI, or HP):
          <stage_directory_location> =_____

INSTALL:

INSTALLATION:
___ a)   **Review any workarounds for the Install phase**.
___ b)   **Review any Special Instructions for the Install phase**.
___ c)   Identify primary and secondary installation hosts (per site map).
___ d)   Identify the software packages to be installed on this host (per site map).
___ e)   If this is a full system delivery, verify that the Installation Lead has cleaned out the mode on this host.
___ f)   Using EcCoAssist, perform a normal staged installation for the appropriate target architecture (Sun, HP, SGI) for the following component(s) on each primary and secondary host:

EcDpSc

DPS – Installation and Configuration (continued)

___ a)   Subsystem icon indicates a successful installation ("green light")
___ b)   Review the Results window of the ECS Assistant Subsystem Manager for any warning or error messages.

MAKE CONFIGURATION:
___ **a)   Review Workarounds for the Make Configuration phase.**
___ **b)   Toolkit installation and configuration is complete.**
___ c)   Execute the mkcfg function of EcCoAssist on each **primary** host, using either the Configurable Parameters table provided with the Release documentation (if available), or the configurable parameter values from your previous installation configuration.
___ d)   Verify that the xxx.CFG, xxx.ACFG, and xxx.PCFG files have a group membership of <server_group>.

NEW OR CHANGED CONFIGURABLE PARAMETERS FOR THIS RELEASE:
N/A

VERIFICATION:
___ a)   Check that all DPS CFG, ACFG, and PCFG files were updated during the mkcfg process
___ b)   Verify that mode-specific parameters contain the correct mode identifier

MAKE CDS ENTRIES:
___ a)   Using EcCoAssist, execute the mkcdsentry function at the **primary** server.
___ b)   If necessary, set the group membership on the keytab files to <server_group>.

VERIFICATION:
___ a)   Review the Results window of the ECS Assistant for any warning or error messages.
___ b)   Verify that keytab files were created for all DPS servers in the directory /usr/ecs/<MODE>/CUSTOM/security.

DATABASE:
___ a)   PDPS database build/patch completed by PLS.

START SERVERS:
___ a)   SHARED mode must be installed before starting any servers.
___ b)   For the initial startup, use the "start" function of the ECS Assistant Subsystem Manager to start your servers. EcCoAssist should be running as user **<server_manager>** to start servers.
___ c)   Click **start** at the Component level; all servers should start.
___ d)   During the initial period (before HPOV is configured), use the "monitor" button of the ECS Assistant Subsystem Manager to monitor server status.

VERIFICATION
___ a)   Verify that the server(s) stay up for at least one minute.
___ b)   Check the server logs for any error messages indicating that the startup may have failed.

DPS – Installation and Configuration (continued)

START GUIS:

    ___ a)   N/A

COMPLETE SETUP:

    ___ a)   Verify that the /usr/ecs/<MODE>/CUSTOM/logs directory has write permission for <server_group>.
    ___ b)   Remove the files in the job staging area ONLY if the databases have been rebuilt

POST-INSTALLATION:

    ___ a)   Compare the installed configuration with the site-specific HW/SW baseline to verify the installation.

WORKAROUNDS:

INSTALLATION
    ___ a)   N/A

MAKE CONFIGURATION
    ___ a)   N/A

DATABASES
    ___ a)   N/A

COMPLETE SETUP
    ___ a)   N/A

INSTALLATION NOTES:

    ___ a)   ECSed19588: DPREP versioning support was delivered with 5A_Epsilon. The current DPREP version is 20001.
Before running any new versions of DPREP, read the files HowToCreateDprepTarFile and HowToRunDprep located in directory */usr/ecs/<MODE>/CUSTOM/data/DPS*.

7. DSS

7.1 DSS – DATA DISTRIBUTION (DDIST)

These procedures are order-dependent. Each individual step should be completed before the follow-on step is attempted for Install, Make Configuration, Make CDS Entries, Databases, and Complete Setup.

Replace all occurrences of the string <MODE> with the mode into which you are performing the installation i.e. TS1, TS2 or OPS. Replace all occurrences of <stage_directory_location> with the path name of the staging directory provided to you by the installation lead.

PREREQUISITES:

___ a)   Read and familiarize yourself with the document "How To Use The ECS Assistant."
___ b)   Review the instructions for your type of installation (usually a normal staged installation).
___ c)   Review build plan for new capabilities and procedures.
___ d)   Review site map file for additions/deletions/changes to the installed configuration.
___ e)   Review HW/SW mapping for additions/deletions/changes to the installed configuration.
___ f)   Review mount point diagram and verify mount points (if applicable to your subsystem).
___ g)   Obtain the site-specific user account names, passwords, and groups required to perform the installation and checkout. This will include any or all of the <build_account>, <dce_login>, <dce_admin>, and <server_manager> accounts, the <server_group>, and the <db_password>.
___ h)   Obtain the staging area directory path name from the installation lead. This should include the architecture-specific path component (such as SUN, SGI, or HP):
<stage_directory_location> =_____

INSTALL:

INSTALLATION:
___ a)   **Review any workarounds for the Install phase**.
___ b)   **Review any Special Instructions for the Install phase**.
___ c)   Identify primary and secondary installation hosts (per site map).
___ d)   Identify the software packages to be installed on this host (per site map).
___ e)   If this is a full system delivery, verify that the Installation Lead has cleaned out the mode on this host.
___ f)   Using EcCoAssist, perform a normal staged installation for the appropriate target architecture (Sun, HP, SGI) for the following component(s) on each primary and secondary host:

EcDsDd

VERIFICATION
___ a)   Subsystem icon indicates a successful installation ("green light")
___ b)   Review the Results window of the ECS Assistant Subsystem Manager for any warning or error messages.

DSS – Installation and Configuration (continued)

MAKE CONFIGURATION:

___ a) **Review any Workarounds for the Make Configuration phase**.
___ b) Execute the mkcfg function of EcCoAssist on each **primary** host, using either the Configurable Parameters table provided with the Release documentation (if available), or the configurable parameter values from your previous installation configuration.
___ c) Verify that the xxx.CFG, xxx.ACFG, and xxx.PCFG files have a group membership of <server_group>.

NEW OR CHANGED CONFIGURABLE PARAMETERS FOR THIS RELEASE:
N/A

VERIFICATION:
___ a) Check that all DDIST CFG, ACFG, and PCFG files were updated during the mkcfg process
___ b) Verify that mode-specific parameters contain the correct mode identifier

MAKE CDS ENTRIES:

___ a) Using EcCoAssist, execute the mkcdsentry function at the **primary** server.
___ b) If necessary, set the group membership on the keytab files to <server_group>.

VERIFICATION:
___ a) Review the Results window of the ECS Assistant for any warning or error messages.
___ b) Verify that keytab files were created for all DDIST servers in the directory /usr/ecs/<MODE>/CUSTOM/security.

DATABASE:

___ a) STMGT database has been built/patched by STMGT install.

START SERVERS:

___ a) **Review any Workarounds for the Start Servers phase**
___ b) SHARED mode must be installed before starting any servers.
___ c) For the initial startup, use the "start" function of the ECS Assistant Subsystem Manager to start your servers. EcCoAssist should be running as user **<server_name>** to start servers.
___ d) Click **start** at the Component level; all servers should start.
___ e) During the initial period (before HPOV is configured), use the "monitor" button of the ECS Assistant Subsystem Manager to monitor server status.

VERIFICATION
___ a) Verify that the server(s) stay up for at least one minute.
___ b) Check the server logs for any error messages indicating that the startup may have failed.

START GUIs:

___ a) From the command line, start the GUIs which are a part of your component on the appropriate host(s):

cd /usr/ecs/<MODE>/CUSTOM/utilities
EcDsDdistGUIStart <MODE>

DSS – Installation and Configuration (continued)

COMPLETE SETUP:

  ___ a) N/A

POST-INSTALLATION:

  ___ a) Compare the installed configuration with the site-specific HW/SW baseline to verify the installation.

WORKAROUNDS:

  INSTALLATION
  ___ a) N/A

  MAKE CONFIGURATION
  ___ a) N/A

  DATABASES
  ___ a) N/A

  START SERVERS
  ___ a) ECSed23135: The DDIST GUI will not start until at least one order has been processed.

  COMPLETE SETUP
  ___ a) N/A

INSTALLATION NOTES:

  ___ a) N/A

7.2 DSS – STORAGE MANAGEMENT (STMGT)

These procedures are order-dependent. Each individual step should be completed before the follow-on step is attempted for Install, Make Configuration, Make CDS Entries, Databases, and Complete Setup.

Replace all occurrences of the string <MODE> with the mode into which you are performing the installation i.e. TS1, TS2 or OPS. Replace all occurrences of <stage_directory_location> with the path name of the staging directory provided to you by the installation lead.

PREREQUISITES:

  ___ a) Read and familiarize yourself with the document "How To Use The ECS Assistant."
  ___ b) Review the instructions for your type of installation (usually a normal staged installation).
  ___ c) Review build plan for new capabilities and procedures.
  ___ d) Review site map file for additions/deletions/changes to the installed configuration.
  ___ e) Review HW/SW mapping for additions/deletions/changes to the installed configuration.
  ___ f) Review mount point diagram and verify mount points (if applicable to your subsystem).

DSS – Installation and Configuration (continued)

   ___ g)   Obtain the site-specific user account names, passwords, and groups required to perform the installation and checkout. This will include any or all of the <build_account>, <dce_login>, <dce_admin>, and <server_manager> accounts, the <server_group>, and the <db_password>.

   ___ h)   Obtain the staging area directory path name from the installation lead. This should include the architecture-specific path component (such as SUN, SGI, or HP):
<stage_directory_location> =_____

INSTALL:

INSTALLATION:

   ___ a)   **Review any workarounds for the Install phase**.

   ___ b)   **Review Special Instructions for the Install phase.☐**

   ___ c)   Identify primary and secondary installation hosts (per site map).

   ___ d)   Identify the software packages to be installed on this host (per site map).

   ___ e)   If this is a full system delivery, verify that the Installation Lead has cleaned out the mode on this host.

   ___ f)   Using EcCoAssist, perform a normal staged installation for the appropriate target architecture (Sun, HP, SGI) for the following component(s) on each primary and secondary host:

        EcDsSt

VERIFICATION

   ___ a)   Subsystem icon indicates a successful installation ("green light")

   ___ b)   Review the Results window of the ECS Assistant Subsystem Manager for any warning or error messages.

DATABASE:

   ___ a)   **Review any Workarounds for the Database phase**.

   ___ b)   Obtain the required database parameters:

Table A - Database Parameters

PARAMETER	VALUE
DBO ID, db_user_name	stmgt_role
Password, db_user_password	<DBO password>
SQL Server Name, server_name	*xxXXXnn*_srvr
Database Name	stmgtdb1[_<MODE>]

Where **stmgtdb1** is the database name in OPS mode, and **stmgtdb1_<MODE>** is the database name in TS1 and TS2.

   ___ c)   Obtain the current version of the database:
> **isql -S <server_name> -U <db_user_name> -P <db_user_password>☐**
> **use stmgtdb1[_<MODE>]☐**
> **go☐**

> **select EcDbDropVersion from EcDbDatabaseVersions where EcDbCurrentVersionFlag="Y"**
> **go**
… note the database version name
> **quit**

___ d) Using EcCoAssist on the **primary** server, execute the **DbBuild** function to create the DSS STMGT database
___ e) Select file .dbparms within the select a file box, then select Ok in the Database Config box.
___ f) Enter the required parameters in the Database Script Parameters dialogue box.
___ g) Select **Ok** to start the database build.

VERIFICATION:
___ a) Review the file EcDsStDbBuild.log in /usr/ecs/<MODE>/CUSTOM/logs for any error or warning messages.
___ b) Verify that the current database version is **"5A.03.GAMMA"**:
> **isql -S <server_name> -U <db_user_name> -P <db_user_password>**⬚
> **use stgmtdb1[_<MODE>]**⬚
> **go**⬚
> **select EcDbDropVersion from EcDbDatabaseVersions where EcDbCurrentVersionFlag="Y"**⬚
> **go**⬚
… note the database version name
> **quit**
___ c) Have the DBA verify the database changes through the DbDesc script for this subsystem.

MAKE CONFIGURATION:
___ a) Review any Workarounds for the Make Configuration phase.
___ b) Execute the mkcfg function of EcCoAssist on each **primary** host, using either the Configurable Parameters table provided with the Release documentation (if available), or the configurable parameter values from your previous installation configuration.
___ c) Configure servers using the STMGT GUI (see following section)
___ d) Create the logical archive directories and add volume groups (detailed section follows the server configuration instructionsFrom
___ e) From the **Extensions** pull-down menu, generate the ARCHRESCONFIG file on all machines where the IngestFtpServer, FtpDisServer, PrintServer, 8mmServer, or D3Server run
___ f) Verify that the xxx.CFG, xxx.ACFG, and xxx.PCFG files have a group membership of <server_group>.

NEW OR CHANGED CONFIGURABLE PARAMETERS FOR THIS RELEASE:

Parameter	Server	Status	Recommended Value
PULLMONSERVER	FtpDisServer	New	<pull_monitor_server_host>
UserPullHost	FtpDisServer	New	<hostname_for_notification_email>

Changes to the ARCHRESCONFIG file:
• Superfluous parameters removed
• 8MM renamed 8mmTape
• DisFtp renamed FtpDis

DSS – Installation and Configuration (continued)

- Print section reinstated

RECONFIGURING PULL MONITOR FOR MULTI-THREADED OPERATION (**OPTIONAL**)
Multi-threading is n ow supported in the EcDsStPullMonitorServer. To use this feature, manually edit the EcDsStPullMonitorServer.CFG file to change the following:

Parameter	Server	Status	Recommended Value
ListenThreads	EcDsStPullMonitorServer	Change	…value between 5 & 10

CONFIGURING THE SERVERS THROUGH THE STMGT GUI:
The servers need to be configured through the STMGT GUI. Bring up the STMGT GUI with the following commands (on the *xx*dis*nn* Sun machine where the GUI resides):

        cd /usr/ecs/<MODE>/CUSTOM/utilities
        EcDsStmgtGuiStart <MODE>

DSS – Installation and Configuration (continued)

The following screen will come up:
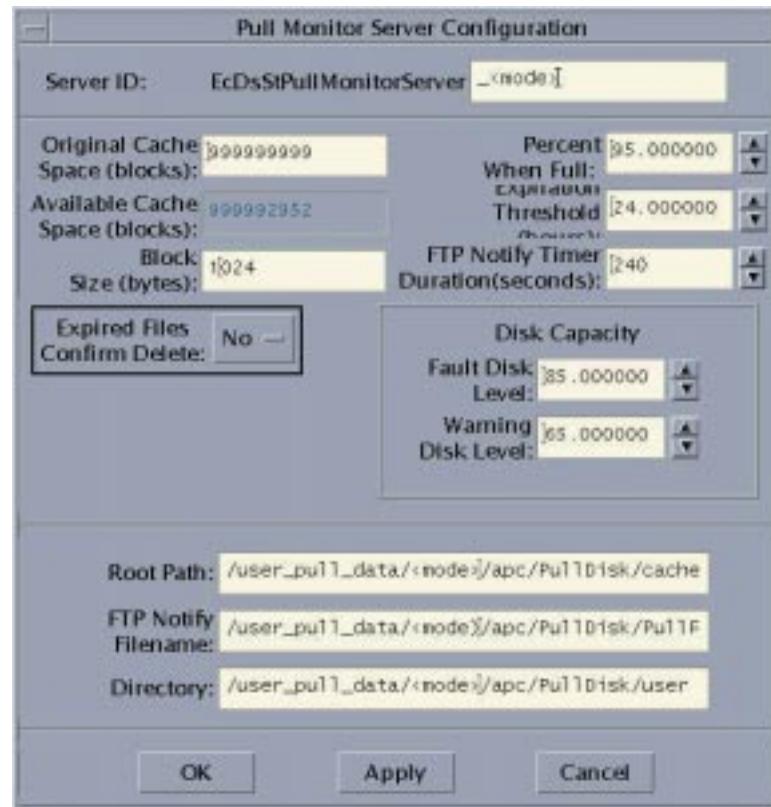
Pull Monitor Server Configuration:
The Pull Monitor Server is configured through the following commands:

___ a)   Ensure that anonymous ftp is configured (refer to ETD 99-105 Rev 01).
___ b)   In the Storage Config section of the STMGT GUI click on Pull Monitor Server.

DSS – Installation and Configuration (continued)

___ c)   Click "ADD" button. The following screen will appear:

___ a)   Server ID: _<MODE>
___ b)   Original Cache Space: 999999999
___ c)   Available Cache Space: 999999999
___ d)   Block size: 1024
___ e)   Percent when full: 95.0000
___ f)   Expiration threshold: 24.00000
___ g)   FTP Notify timer: 240
___ h)   Fault Disk Level: 85.000000
___ i)   Warning Disk Level: 65.000000
___ j)   Root Path: /user_pull_data/<MODE>/apc/PullDisk/cache
___ k)   FTP Notify: /user_pull_data/<MODE>/apc /data/PullDisk/FtpNotify.dat
___ l)   Directory: /user_pull_data/<MODE>/apc/data/PullDisk/user
___ m) Click "Apply" and "OK"
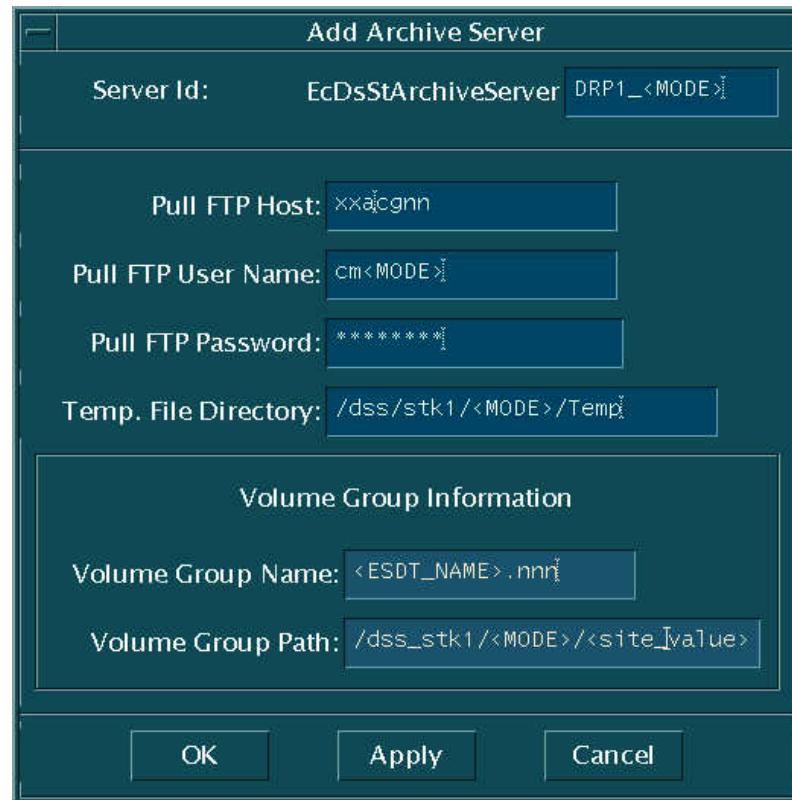
DSS – Installation and Configuration (continued)

Archive Server Configuration:
Multiple Archive Servers need to be configured: DRP1_<MODE>, WKS1_<MODE>, and ACM1_<MODE>.
The Archive Server is configured through the following commands:
___ a)   In the Storage Config section of the STMGT GUI click on Archive Server
___ b)   Click "ADD" button. The following screen will appear:
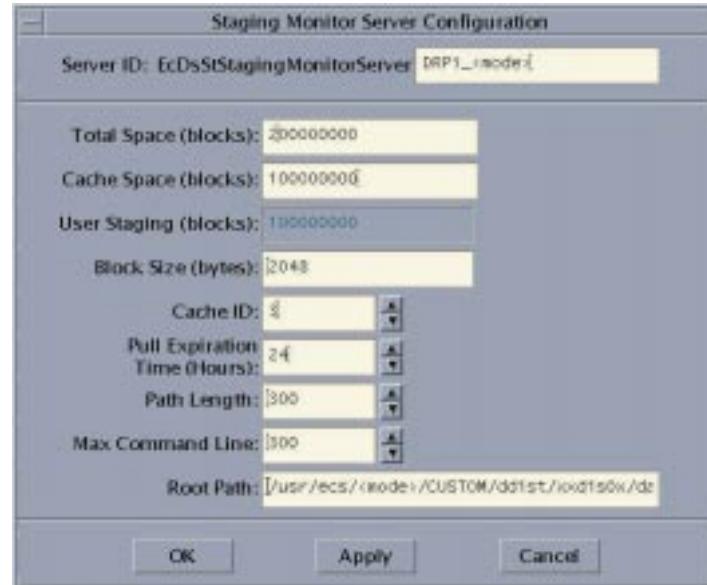
___ c)   Server ID: DRP1_<MODE>
___ d)   Pull FTP Host: *xx*acg*nn* (machine with package .EcDsStAPSCVR)
___ e)   Pull FTP User Name: <MODE>user (Unix username)
___ f)   Pull FTP Password: ****** (Unix password)
___ g)   Temp. File Directory: /dss_stk1/<MODE>/Temp
___ h)   Check to see if this directory exists. If Temp directory does not exists, create one.
___ i)   Click "OK"

DSS – Installation and Configuration (continued)

Staging Monitor Server Configuration:

Four Staging Monitor Servers are configured. One for each Server_Id being DRP1_<MODE>, ICL1_<MODE>, WKS1_<MODE> and ACM1_<MODE>. The Staging Monitor Server is configured through the following commands:

___ a)   In the Storage Config section of the STMGT GUI click twice on Staging Monitor Server.

___ b)   Click "ADD" button. The following screen will appear:

___ c)   Server Id: DRP1_<MODE>
                                 DIP1_<MODE>
                                 ICL1_<MODE>
                                 ACM1_<MODE>
                                 WKS1_<MODE>
___ d)   Total Space   <site-specified value>
___ e)   Cache Space: 100000000
___ f)   Block size: 2048
___ g)   Cache Id   3
                           4
                           5
                           6

   NOTE: Cache Id's increment automatically as each new server is created.

___ h)   Pull Expiration Time (Hours) :   24
___ i)   Path Length: 300
___ j)   Max. Command Line   300
___ k)   Root path: **NOTE: Replace xxdrg0x with DAAC related machine, i.e. Goddard = g0drg01**

DSS – Installation and Configuration (continued)
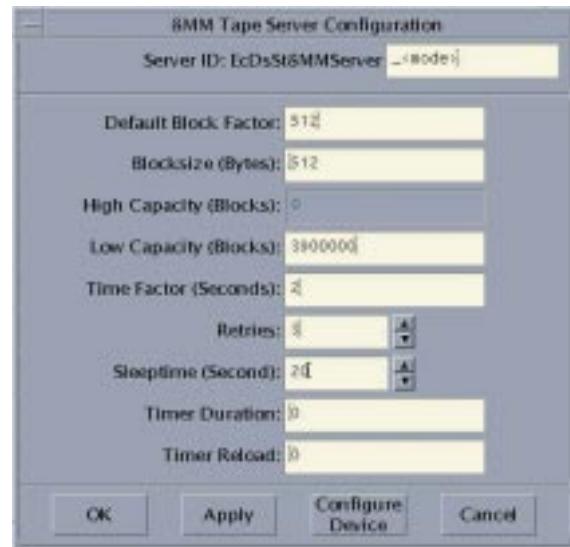
Check to see if this directory exists. If *staging* directory does not exists, create one (as appropriate for your site):

DIP1 - /usr/ecs/<MODE>/CUSTOM/ddist/xxdis0x/data/<site_staging_area>

DRP1 - /usr/ecs/<MODE>/CUSTOM/drp/xxdrg0x/data/<site_staging_area>

ICL1 - /usr/ecs/<MODE>/CUSTOM/a/data/<site_staging_area>

ACM1 - /usr/ecs/<MODE>/CUSTOM/apc/xxacg0x/data/<site_staging_area>

WKS1 - /usr/ecs/<MODE>/CUSTOM/wks/xxwkg0x/data/<site_staging_area>

8MM Server Configuration:

The 8MM Server is configured through the following commands:
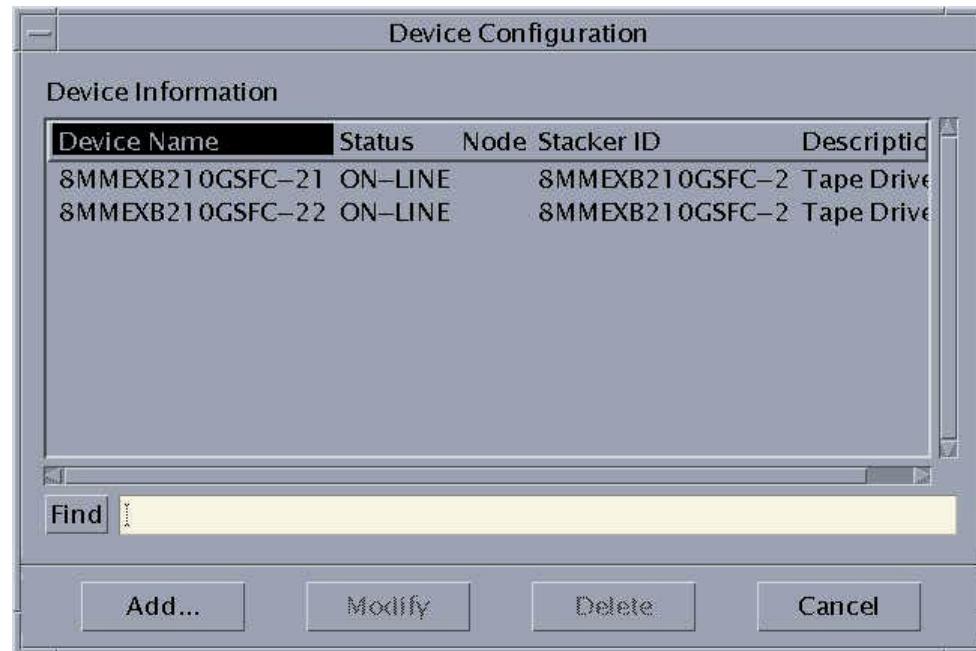
___ a)   In the Storage Config section of the STMGT GUI click twice on 8MM Server

___ b)   Click "ADD" button. The following screen will appear:

___ c)   Server Id: _<MODE>

___ d)   Default Block Factor: 20

___ e)   Block Size: 512

___ f)   High capacity:

___ g)   Low capacity: 3900000

___ h)   Time Factor: 2.000000

___ i)   Retries: 3

___ j)   Sleeptime: 20

___ k)   Timer Duration:

___ l)   Timer Reload:

___ m)   Click "OK" to return to *Storage Management Control GUI*

DSS – Installation and Configuration (continued)
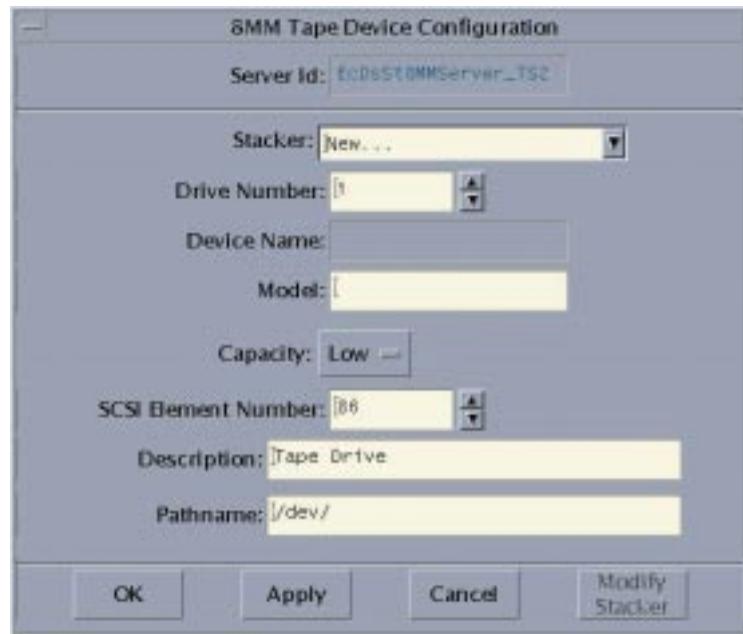
___ n) Click "View Devices". The following screen will appear:

Device Configuration				
Device Information				
Device Name	Status	Node	Stacker ID	Descriptic
8MMEXB210GSFC–21	ON–LINE		8MMEXB210GSFC–2	Tape Drive
8MMEXB210GSFC–22	ON–LINE		8MMEXB210GSFC–2	Tape Drive

Find [   ]

Add...   Modify   Delete   Cancel

You will need to configure two tape drives per stacker.

DSS – Installation and Configuration (continued)
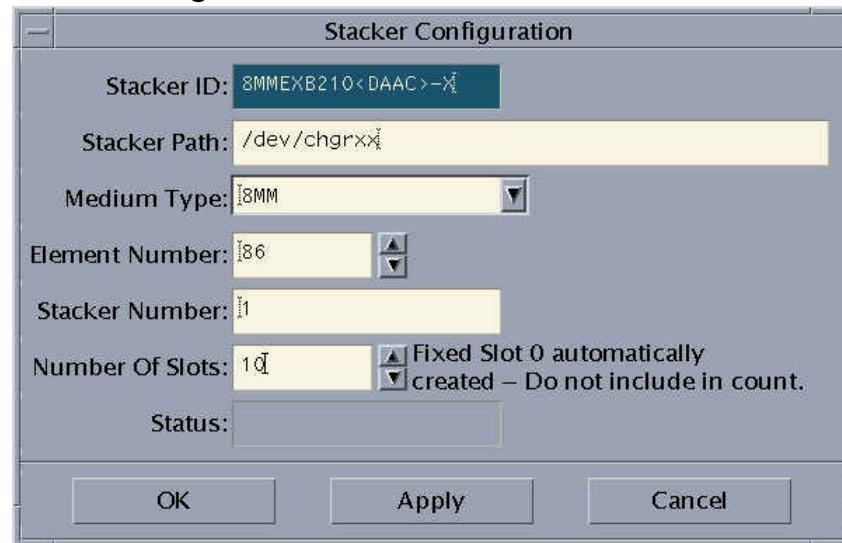
For each tape device, click "Add" and the following screen will appear:

O) For the first tape drive, select "New" from the Stacker pull-down menu. The following *Stacker Configuration* window will appear, which must be completed before configuring your tape drive.

For the second tape drive, select the Stacker ID from the *Device Configuration* window, and then complete your tape device configuration (the *Stacker Configuration* window will <u>not</u> appear for the second tape drive).

DSS – Installation and Configuration (continued)
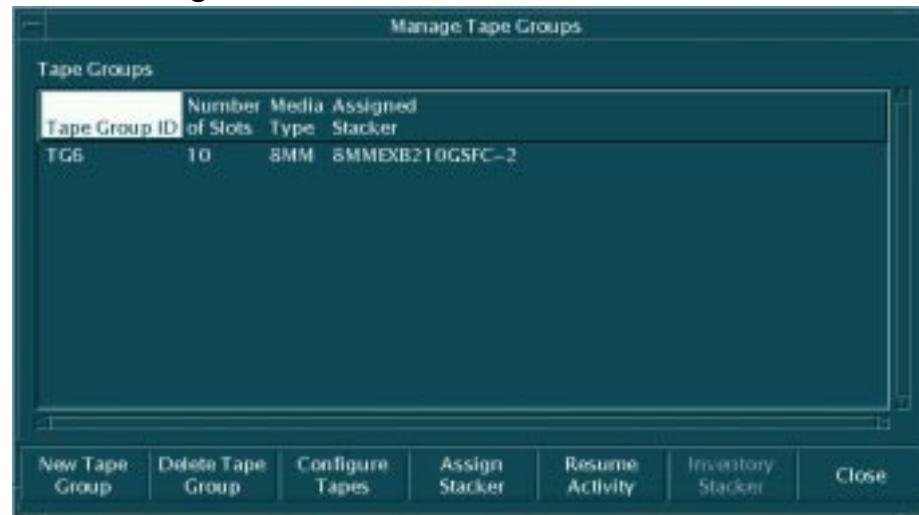
Enter the stacker configuration information:

___ a) Stacker_ID: 8MMEXB210<DAAC>-**X**
___ b) Stacker Path: /dev/chgr*xx*
___ c) Medium Type: 8MM
___ d) Element number: 86
___ e) Stacker number: 1
___ f) Number of slots: 10
___ g) Click "OK" to return to the *8MM Tape Device Configuration* screen, and configure your tape drive:

		First Drive:	Second Drive:
___ a)	Drive Number:	1	2
___ b)	Device Name:	<n/a>	<n/a>
___ c)	Model:	EXB210	EXB210
___ d)	Capacity:	High	High
___ e)	SCSI Element Number:	82	83
___ f)	Description	Tape Drive 1	Tape Drive 2
___ g)	Pathname:	/dev/rmt/1	/dev/rmt/2

___ h) After entering the information for a single drive, click "OK"; you will return to the *Device Configuration* window.
___ i) To add another tape drive, click "Add".

After configuring your tape devices, you must assign a tape group and stacker to write data to the 8MM medium. From the *Storage Management Contro* GUI, click the "Resource Schedule" tab. Click "Manage Tapes"; the *Manage Tape Groups* window will appear:

DSS – Installation and Configuration (continued)
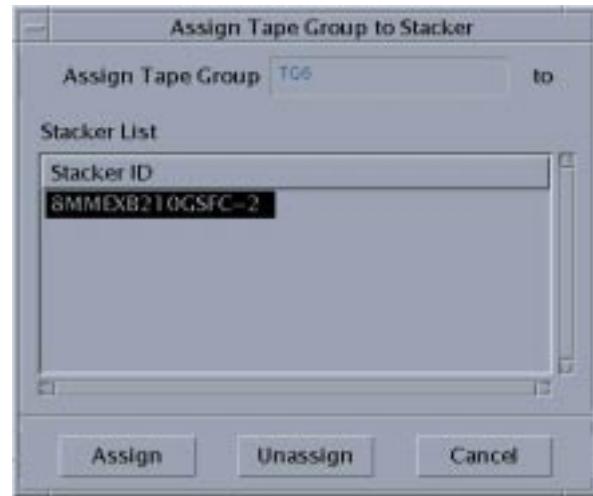
___ a)   Click the "New Tape Group" button; the *New Tape Group* window will appear:

___ b)   Enter the tape group ID: <tape_group_id>
___ c)   Enter the number of slots   10
___ d)   Select the Medium Type   8MM
___ e)   Click "Ok" to return to the *Manage Tape Group* window

DSS – Installation and Configuration (continued)

For each stacker, to create/assign a tape group, click the *"Unassign Stacker"* button of the *Manage Tape Groups* window. The *Assign Tape Group To Stacker* window appears:

```
 ___                Assign Tape Group to Stacker              
|
|    Assign Tape Group  TG6                        to
|
|   Stacker List
|   ┌─────────────────────────────────────────┐ □
|   │ Stacker ID                               │
|   │ 8MMEXB210GSFC-2                          │
|   │                                          │
|   │                                          │
|   │                                          │
|   │                                          │
|   │                                          │
|   │                                          │
|   │ ◁                                      ▷ │
|   └─────────────────────────────────────────┘
|
|    ┌─────────┐   ┌──────────┐   ┌─────────┐
|    │ Assign  │   │ Unassign │   │ Cancel  │
|    └─────────┘   └──────────┘   └─────────┘
```
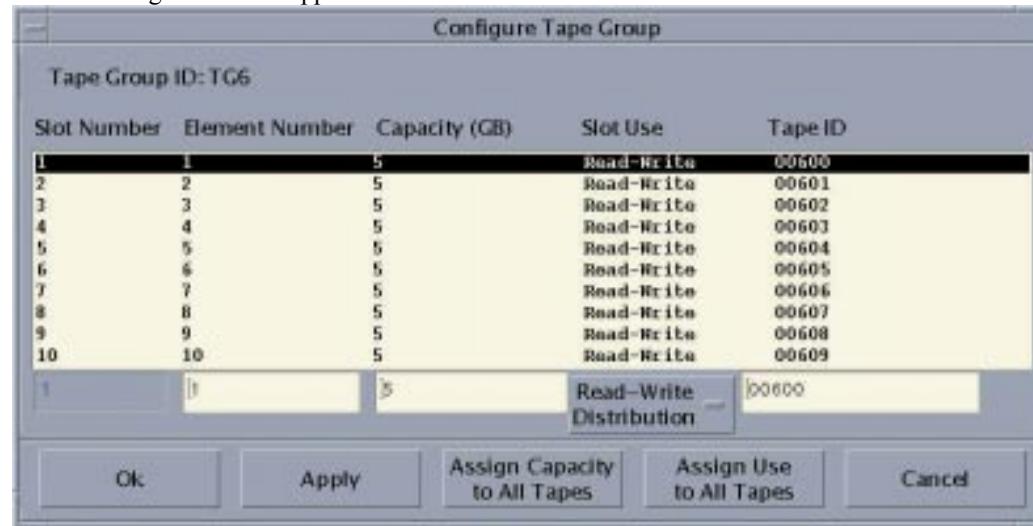
___ a)   Highlight a stacker
___ b)   Click "Unassign"; this returns to the *Manage Tape Groups* window
___ c)   Click "Assign Stacker"; this brings up the *Assign Tape Group to Stacker* window
___ d)   Highlight the stacker
___ e)   Click "Assign"; this returns you to the *Manage Tape Groups* window
___ f)   When all stackers are assigned to tape groups, close the *Manage Tape Groups* window

For each tape group created in the previous step, configure the slots to the tape group. In the *Manage Tape Groups* window:

___ a)   Select <tape_group_id>
___ b)   Click "Configure Tapes"

DSS – Installation and Configuration (continued)

The following screen will appear:

The slots have to be configured once for each stacker.

___ a)   Slot number: 1
___ b)   Element number: 1
___ c)   Select slot use: Read/Write Distribution
___ d)   Add the tape volume serial number in the *Tape ID* field
(This step is not required do to the work around)
Create 10 slots by increasing the slot number and the element number by 1 each time.
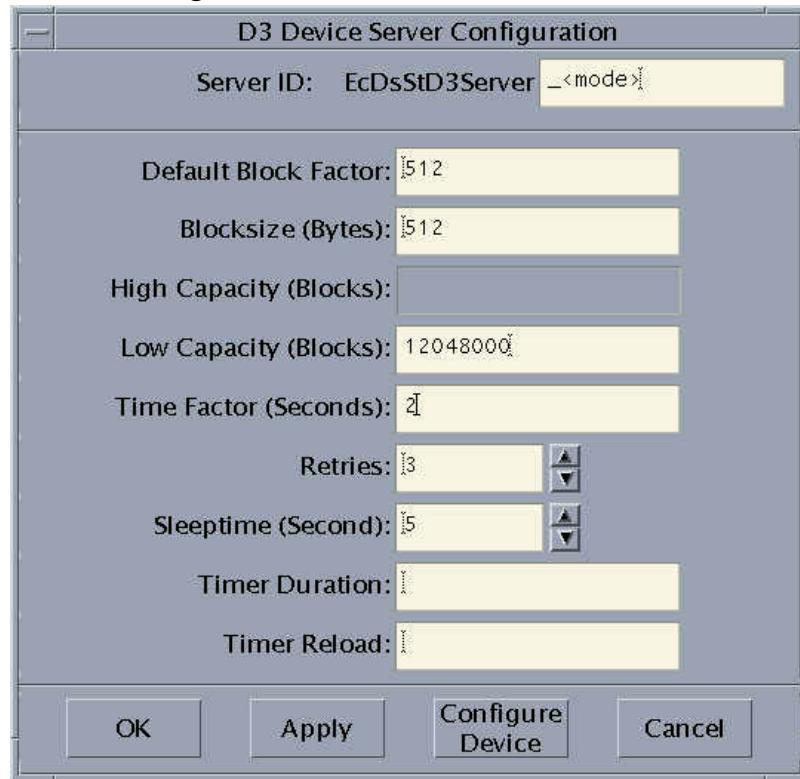
___ a)   Click "OK"

D3 Server Configuration:
The D3 Server is configured through the following commands:

___ a)   In the Storage Config section of the STMGT GUI click twice on D3 Server.
___ b)   Click "ADD" button. The following screen will appear:

```
┌─────────────────────────────────────────────────────┐
│  ─        D3 Device Server Configuration              │
├─────────────────────────────────────────────────────┤
│                                                       │
│       Server ID:   EcDsStD3Server  _<mode>            │
├─────────────────────────────────────────────────────┤
│                                                       │
│       Default Block Factor: [512                   ]  │
│                                                       │
│       Blocksize (Bytes): [512                      ]  │
│                                                       │
│       High Capacity (Blocks): [                    ]  │
│                                                       │
│       Low Capacity (Blocks): [2048000              ]  │
│                                                       │
│       Time Factor (Seconds): [2                     ] │
│                                                       │
│       Retries: [3            ] [▲▼]                    │
│                                                       │
│       Sleeptime (Second): [5        ] [▲▼]            │
│                                                       │
│       Timer Duration: [                            ]  │
│                                                       │
│       Timer Reload: [                              ]  │
│                                                       │
├─────────────────────────────────────────────────────┤
│   [  OK  ]   [ Apply ]  [ Configure ]  [ Cancel ]     │
│                          Device                       │
└─────────────────────────────────────────────────────┘
```

   c)   Server Id: _<MODE>

   d)   Default Block Factor: 512

   e)   Block Size: 512

   f)   High capacity:

   g)   Low capacity: 2048000

   h)   Time Factor: 2.000000

   i)   Retries: 3

   j)   Sleeptime: 5

   k)   Timer Duration:

   l)   Timer Reload:

   m)   Click "OK"

CREATING LOGICAL ARCHIVE DIRECTORIES AND ADDING VOLUME GROUPS
For a detailed explanation of the creation of logical archive directories and adding volume groups, refer to the Configuration Notes section.

   a)   **Review any Workarounds for the Make Configuration phase (creating logical archive directories)**.

DSS – Installation and Configuration (continued)

   ___ b)   Edit file /usr/ecs/<MODE>/CUSTOM/data/DSS/EcDsStESDTMap to remove entries/information which do <u>NOT</u> pertain to your DAAC.

   ___ c)   Configure the volume groups:

        cd /usr/ecs/<MODE>/CUSTOM/utilities
        EcDsStConfigVolGrps

   ___ d)   Inspect /dss_stk1/<MODE> to verify that the expected directories (as outlined in the file */usr/ecs/<MODE>/CUSTOM/data/DSS/EcDsStESDTMap*) were created

VERIFICATION:
   ___ a)   Check that all STMGT CFG, ACFG, and PCFG files were updated during the mkcfg process
   ___ b)   Verify that mode-specific parameters contain the correct mode identifier

MAKE CDS ENTRIES:

   ___ a)   Using EcCoAssist, execute the mkcdsentry function on all **primary** servers.
   ___ b)   If necessary, set the group membership on the keytab files to <server_group>.

VERIFICATION:
   ___ a)   Review the Results window of the ECS Assistant for any warning or error messages.
   ___ b)   Verify that keytab files were created for all STMGT servers in the directory /usr/ecs/<MODE>/CUSTOM/security.

START SERVERS:

   ___ a)   SHARED mode must be installed before starting any servers.
   ___ b)   For the initial startup, use the "start" function of the ECS Assistant Subsystem Manager to start your servers. EcCoAssist should be running as user **<server_name>** to start servers.
   ___ c)   Click **start** at the Component level; all servers should start.
   ___ d)   During the initial period (before HPOV is configured), use the "monitor" button of the ECS Assistant Subsystem Manager to monitor server status.

VERIFICATION
   ___ a)   Verify that the server(s) stay up for at least one minute.
   ___ b)   Check the server logs for any error messages indicating that the startup may have failed.

START GUIS:

   ___ a)   **Review any Workarounds for the Start GUIs phase.**
   ___ b)   From the command line, start the GUIs which are a part of your component on the appropriate host(s):

        cd /usr/ecs/<MODE>/CUSTOM/utilities
        EcDsStmgtGuiStart <MODE>

DSS – Installation and Configuration (continued)

COMPLETE SETUP:

   ___ c)   The ownership and permissions for the media server executables (EcDsSt8MMServer and EcDsStD3Server) must be set so that they will execute as root. From an account with *root* privileges, issue the following commands from the Unix command prompt:

```
cd  /usr/ecs/<MODE>/CUSTOM/bin/DSS
chown root EcDsStD3Server
chmod u+s EcDsStD3Server
chown root EcDsSt8MMServer
chmod u+s EcDsSt8MMServer
```

   Once these commands have been executed, the media servers may be started or killed without root privileges.

POST-INSTALLATION:

   ___ a)   Compare the installed configuration with the site-specific HW/SW baseline to verify the installation.

WORKAROUNDS:

INSTALLATION
   ___ a)   N/A

MAKE CONFIGURATION
   ___ a)   ECSed23510: This NCR (and related NCR ECSed22714) describe a problem using the Storage Management GUI to configure the Storage Management servers. Please review the analysis of NCR ECSed22714 to understand the proper operation of the Storage Management GUI.

DATABASES
   ___ a)   ECSed20140: When the database is built, a warning message will be issued that the schema exceeds the row size limit for two tables. The message may be ignored.

COMPLETE SETUP

4.   N/A

CONFIGURATION NOTES:

   DETAILED NOTES: LOGICAL VOLUME GROUPS

   INTRODUCTION
Support for Logical Volume Group IDs has been added with release 4PY. Rather than having to manually configure literally hundreds of ESDTs for a specific volume group, the ESDT short name is now used to specify the logical volume group. Data of that ESDT will be archived to and retrieved from a physical volume group based on the logical volume group definition for the ESDT short name. The ESDT configuration managed by SDSRV no longer requires knowledge about the physical volume groups managed by STMGT. Rather, the ESDT short name is mapped to a physical volume group path in the STMGT database. In a sense, the mapping from ESDT to volume group has been moved from the SDSRV database to the STMGT database.

While this simplifies the process of installing new ESDTs, it merely shifts the configuration burden from SDSRV to STMGT. Many Archive Server instances still manage upwards of 350 ESDTs, resulting in a prohibitive number of entries for manual configuration purposes. In order to ease the burden of initial configuration on the operator, a set of transition scripts is now provided with releases 4PY and higher to facilitate the initial population of the STMGT database.

In order to associate a logical volume group ID (ESDT short name) with a physical volume group, three steps must be taken in STMGT:

1. An entry must be created in the STMGT database table DsStVolumeGroup associating the ESDT short name (the volume group ID) with the path for the physical volume group.
2. The path for the physical volume group must be created.
3. Using AMASS commands, the path for the physical volume group must be associated with media.

The transition script provided with 4PY fully automates the first two steps, and provides at least partial automation of the third step. Use of the transition script is detailed in the Usage section below. Additional activities are required if you have existing data in the archive that you wish to migrate to the new volume group structure. The Data Migration section outlines the steps needed to preserve existing, archived data.

Please note! The logical and physical volume groups created by the transition scripts are based on a baseline document detailing the mapping from ESDTs to physical volume groups, and the mapping from site/host/Archive Server instances to ESDTs which will be stored and/or backed up in a given archive. Although you may manually alter the volume group configuration after the transition script has been run, the only configuration that can be automatically generated is the one specified by the baseline ESDT mapping.

USAGE

The transition script for setting up the ESDT/volume group mapping is called EcDsStConfigVolGrps, and can be found in the *ECS_HOME*/*MODE*/CUSTOM/utilities directory (e.g., /usr/ecs/OPS/CUSTOM/utilities). The script takes no command line parameters, as it is fully interactive. The prompts and interaction are described in this section. Prompts from the transition script are shown in `Courier font`, with sample responses in **Arial font**. The script will configure the logical volume groups for a single Archive Server instance on a single host, so you will probably need to run the script several times at your site (once per server instance). Note: Please read through these usage instructions at least once before invoking the transition script –how you intend to associate the AMASS physical volume groups with media will dictate how you use this script.

1. Identifying the MODE and hardware to configure

When you first invoke the transition script, you will be prompted to enter the mode that you wish to configure:

> `Please enter the MODE:` **OPS**

STMGT must have already been installed into the mode you specify, or the script will fail with an error that the ESDTMap cannot be found.

DSS – Installation and Configuration (continued)

The transition script will then prompt you for the host name for which to configure volume groups. By default, the transition script will use the name of the host from which you are running the transition script. This is typically the correct host to use, since the transition script will be creating subdirectories in the Archive area. Use the unqualified host name, e.g. g0acg01, not g0acg01.gsfc.nasa.gov. The ESDTMap is defined in terms of unqualified host names and will produce no volume groups if you use a fully qualified host name.

```
Do you want to use to the default hardware id – e0drg01 ? Y or N y
```

If you are configuring logical volume groups in an environment which does not pre-define the machine names on which each server should be installed (e.g., the Landover EDF environment), you should instead reply n to the request to use the default hardware ID, and specify the hardware ID of the host which you wish to emulate. For example, if you were using raven to simulate e0acg01, you would answer the next prompt as follows:

```
Please enter the hardware id. ex e0drg01: e0acg01
```

2. Tying the volume groups to the Archive Server which will manage them

Whether you use the default host name or the specified host name, you will next be prompted for root path of the archive. This directory is the location where subdirectories should be created for archival purposes. If you are using AMASS, this root path should be the path into AMASS. This path should be fully qualified, and should not include trailing slashes.

```
Please enter the rootpath for the logical archive ID's: /dss_amass/stk
```

Next, you will be prompted for the HWCI and MODE of the Archive Server for which you are configuring logical volume groups. This should match the HWCI_MODE suffix that is on the CDS entry for the desired Archive Server. Remember that you must run the transition script for each Archive Server instance you have installed.

```
Please enter the HWCI_MODE for the archive server.
Enter NONE if no HWCI_MODE is used: DRP1_OPS
```

3. Associating volume group paths with AMASS physical volume groups

The next prompt will determine to what extent you want the transition script to automate the process. If you direct the transition script to automatically link the volume group paths to AMASS physical volume groups, you must have preconfigured a set of AMASS physical volume groups, with associated media. Otherwise, you will need to configure the AMASS physical volume groups, associate media, and link the volume group paths to the AMASS physical volume groups after the transition script has completed. Consult your AMASS administrator for instructions on how to set up physical volume groups under AMASS, and how to associate media with AMASS physical volume groups.

    i.   *Using pre-configured AMASS physical volume groups*

If you wish to use pre-configured AMASS physical volume groups, you will need to set up several physical volume groups under AMASS, starting from a volume group number you select, and increasing sequentially. You should also associate media with each of the physical volume groups you pre-configure. You will need to respond to the transition script prompt as follows:

        `Please enter the TYPE of Storage -- AMASS or LocalDisk:` AMASS

You will then be prompted for the starting number of the range of AMASS physical volume groups which should be used for configuration. This number corresponds to the starting number of the range of physical volume groups that you pre-configured.

        `Please enter the Volume Group number to be created:` 400

The transition script will use this starting volume group number as the first in a sequential series of volume groups for the physical volume group associations which are created. That is, if the transition script creates four physical volume group paths, and the operator specifies a starting volume group number of 400, the physical volume group paths will be associated with AMASS physical volume groups 400, 401, 402, and 403.

    ii.   *Configuring AMASS physical volume groups after the fact*

You may also have the transition script create the physical volume group paths in AMASS without linking the paths to AMASS physical volume groups. To configure the volume groups in this manner, or to configure your archive to use non-AMASS storage, respond to the transition script prompt as follows:

        `Please enter the TYPE of Storage -- AMASS or LocalDisk:` LocalDisk

Once the transition script has completed, you may examine the contents of the root path you specified above to see what volume group paths have been created by the transition script. You will then need to have your AMASS administrator associate those paths with AMASS physical volume groups. Note: In order for the AMASS administrator to be able to associate the paths with AMASS, you must have specified the root path as the directory through which AMASS is accessed, i.e. the AMASS root directory.

4.   *Accessing the database*

The transition script is nearly ready to configure your logical volume groups. The final set of prompts is used to obtain the necessary information to log into the database to create the mapping from ESDT short names to volume group paths.

        `Please enter the STMGT DBO ID - ex.stmgt_role:` stmgt_role
        `Please enter the database password:` Welcome
        `Please enter the database server:` e0icg01_srvr
        `Please enter the name of the database to be used:` stmgtdb1

If you are unsure as to what values should be specified for any of the above prompts, please contact your database administrator to determine what the appropriate parameters are.

5.   *Last chance to cancel*

You have now entered all of the information that is needed by the transition script. You will be prompted with the parameters you entered. If you are using pre-configured AMASS volume groups, you will see a prompt much like:

```
Are the following parameters OK?

Hardware: e0drg01
RootPath: /dss_amass/stk
HWCI_MODE: DRP1_OPS
Type of Storage: AMASS
Volume Group number: 400
DB user ID: stmgt_role
Database password: Welcome
Database server: e0icg01_srvr
Database name: stmgtdb1

Enter Y or N:
```

If you intend to configure the AMASS physical volume groups after you have finished running the transition script, your prompt will look like:

```
Are the following parameters OK?

Hardware: e0drg01
RootPath: /dss_amass/stk
HWCI_MODE: DRP1_OPS
Type of Storage: LocalDisk
DB user ID: stmgt_role
Database password: Welcome
Database server: e0icg01_srvr
Database name: stmgtdb1

Enter Y or N:
```

If any of the parameters are incorrect, you should enter N, or press Ctrl-C to abort the script. Once you enter Y, the transition script will begin the process of creating subdirectories and inserting the ESDT mapping into the STMGT database.

DSS – Installation and Configuration (continued)

DATA MIGRATION

If you have existing data that you wish to preserve, you will need to perform a few extra steps, both before and after running the transition script. Before running the transition script, you will need to record the existing volume group paths you have configured, as well as identifying the ESDTs that are stored in each of the existing volume groups.

Once you have run the transition script, you will need to bring up the STMGT GUI. From the Storage Config. Tab, select the ARCHIVE Server Type and click on the View Servers button. Select the Archive Server instance for which you are migrating already archived data, and click on the View Volume Group Info button.

The window that pops up will contain the complete list of ESDTs that are archived or backed up by the selected Archive Server instance. Each of these ESDT short names is a logical volume group, and is associated with the path of a physical volume group.

For each ESDT that you are migrating data, select the ESDT and click on the Modify button. Make a note of the path that is currently configured for this logical volume group. In the window that pops up, change the New Path value to refer to the old directory under which the existing data was archived. Click on the Apply button. Change the New Path value back to the directory you noted above and click on the OK button. Subsequent searches for your old data should now be able to find the data that had already been archived. Note: If the path configured for the logical volume group already matches the path under which you had archived the data, you may skip this step. Repeat this process for each ESDT that you are preserving already archived data.

INSTALLATION NOTES:

   ___ a)   N/A

7.3   DSS – SCIENCE DATA SERVER (SDSRV)

These procedures are order-dependent. Each individual step should be completed before the follow-on step is attempted for Install, Make Configuration, Make CDS Entries, Databases, and Complete Setup.

Replace all occurrences of the string <MODE> with the mode into which you are performing the installation i.e. TS1, TS2 or OPS. Replace all occurrences of <stage_directory_location> with the path name of the staging directory provided to you by the installation lead.

PREREQUISITES:

   ___ a)   Read and familiarize yourself with the document "How To Use The ECS Assistant."
   ___ b)   Review the instructions for your type of installation (usually a normal staged installation).
   ___ c)   Review build plan for new capabilities and procedures.
   ___ d)   Review site map file for additions/deletions/changes to the installed configuration.
   ___ e)   Review HW/SW mapping for additions/deletions/changes to the installed configuration.
   ___ f)   Review mount point diagram and verify mount points (if applicable to your subsystem).
   ___ g)   Obtain the site-specific user account names, passwords, and groups required to perform the installation and checkout. This will include any or all of the <build_account>, <dce_login>, <dce_admin>, and <server_manager> accounts, the <server_group>, and the <db_password>.

DSS – Installation and Configuration (continued)

___ h) Obtain the staging area directory path name from the installation lead. This should include the architecture-specific path component (such as SUN, SGI, or HP):

<stage_directory_location> =_____

INSTALL:

INSTALLATION:
___ a) **Review any workarounds for the Install phase**.
___ b) **Review any Special Instructions for the Install phase**.
___ c) Identify primary and secondary installation hosts (per site map).
___ d) Identify the software packages to be installed on this host (per site map).
___ e) If this is a full system delivery, verify that the Installation Lead has cleaned out the mode on this host.
___ f) Using EcCoAssist, perform a normal staged installation for the appropriate target architecture (Sun, HP, SGI) for the following component(s) on each primary and secondary host:

EcDsSr

VERIFICATION
___ a) Subsystem icon indicates a successful installation ("green light")
___ b) Review the Results window of the ECS Assistant Subsystem Manager for any warning or error messages.

MAKE CONFIGURATION:
___ a) **Review any Workarounds for the Make Configuration phase**.
___ b) Execute the mkcfg function of EcCoAssist, using either the Configurable Parameters table provided with the Release documentation (if available), or the configurable parameter values from your previous installation configuration.
___ c) Verify that configurable parameter SDSRV_LOCAL_STAGING_DISK is set to the value of the Staging Disk Server that is running on the same machine as the HDF EOS Servers.
___ d) Verify that the xxx.CFG, xxx.ACFG, and xxx.PCFG files have a group membership of <server_group>.

NEW OR CHANGED CONFIGURATION PARAMETERS FOR THIS RELEASE:
The following parameters are automatically generated during the mkcfg process, and will not appear in the configurable parameters display:

Parameter	Value
DSSMEMORYMONITORLOWSETPOINT	75
DSSMEMORYMONITORVERYLOWSETPOINT	85
DSSMEMORYMONITORDEADBAND	5
DSSMEMORYMONITORRESRVMEMSIZE	500000000
DSSMEMORYMONITORDISABLEDFLAG	0

DSS – Installation and Configuration (continued)

Special Configuration Instructions for SDSRV

Prior to installing ESDTs into the system, the ESDT descriptor and dll files need to be copied from the staging area to the SDSRV platform. This can be accomplished by following the procedures below:

___ a) Configure the ESDTs and DLLs. On the Subsystem Manager window, the subsystem DSS and the component EcDsSr should be selected.

___ b) From the file menu select "ESDT Manager".

___ c) The ESDT Manager GUI is displayed.

___ d) The radio button "EDF" or "MINI-DAAC, VATC and All DAACS" should be enabled automatically. The "DLL Path"and "Staging Location" will be filled in automatically with the staging location that was entered during the staging install step.

___ e) Choose the button appropriate for your site.

___ f) Select the MODE by clicking on the "…" button to the right of the Mode text field. This will give a menu of modes to select. To select the mode, double-click on the selected mode. Append the specific DLL staging location name (usually "/CUSTOM/data/DSS/temp") to the "DLL Path" and "Staging Location" into their respective entry boxes.

This is the location of the descriptor and DLL files.

The instrument buttons will become enabled.

For <u>each</u> instrument to be configured at your DAAC:

___ g) Select the instrument button. Then select the descriptors DsESDT*<Ii><esdt>*.001.desc from the Descriptor Files column. *<Ii>* is the two-character instrument designator. *<esdt>* is the ESDT(s) to be processed.

___ h) After the instrument ESDT descriptor files have been selected then click the "➔" button to cause them to show up in the Selected Files column.

___ i) Click the "Configure" button.
All of the selected descriptor and associated DLLs will be copied to their designated directories. DLL files will be copied to the /usr/ecs/<mode>/CUSTOM/lib/ESS directory and descriptor files will be copied to the /usr/ecs/<mode>/CUSTOM/data/ESS directory

Repeat steps g-i, selecting the Sys (SYSTEM) ESDTs and select the descriptors DsESDTPp*<esdt>*.001.desc from the Descriptor Files column.

<u>VERIFICATION:</u>

___ a) Check that all SDSRV CFG, ACFG, and PCFG files were updated during the mkcfg process

___ b) Verify that mode-specific parameters contain the correct mode identifier

MAKE CDS ENTRIES:

___ a) Using EcCoAssist, execute the mkcdsentry function on the **primary** server.

___ b) If necessary, set the group membership on the keytab files to <server_group>.

DSS – Installation and Configuration (continued)

___ a)   Review the Results window of the ECS Assistant for any warning or error messages.
___ b)   Verify that keytab files were created for all SDSRV servers in the directory /usr/ecs/<MODE>/CUSTOM/security.

DATABASE:

___ a)   **Review any Workarounds for the Database phase**.
___ b)   Ensure that the SQL and SQS servers are running.
___ c)   Obtain the required database parameters:

Table A - Database Parameters

PARAMETER	VALUE
DBO ID, db_user_name	sdsrv_role
Password, db_user_password	<DBO password>
SQL Server Name, server_name	*xxXXXnn*_srvr
Database Name	EcDsScienceDataServer1[_<MODE>]

Where **EcDsScienceDataServer1** is the database name in OPS mode, and **EcDsScienceDataServer1_<MODE>** is the database name in TS1 and TS2.

___ d)   Obtain the current version of the database:
> **isql -S <server_name> -U <db_user_name> -P <db_user_password>**
> **use EcDsScienceDataServer1[_<MODE>]**
> **go**
> **select EcDbDropVersion from EcDbDatabaseVersions where EcDbCurrentVersionFlag="Y"**
> **go**
… note the database version name
> **quit**
___ e)   Using EcCoAssist on the **primary** server, execute the **DbBuild** function to create the DSS SDSRV database.
___ f)   Select file .dbparms within the select a file box, then select **Ok** in the Database Config box.
___ g)   Enter the required parameters in the Database Script Parameters dialogue box.
___ h)   Select **Ok** to start the database build.

VERIFICATION:
___ a)   Review the file EcDsSdDbBuild.log in /usr/ecs/<MODE>/CUSTOM/logs for any error or warning messages.
___ b)   Verify that the current database version is **"5A.03.GAMMA">**:
> **isql -S <server_name> -U <db_user_name> -P <db_user_password>**
> **use EcDsScienceDataServer1[_<MODE>]**
> **go**
> **select EcDbDropVersion from EcDbDatabaseVersions where EcDbCurrentVersionFlag="Y"**
> **go**
… note the database version name

DSS – Installation and Configuration (continued)

> **quit**

___ c)   Have the DBA verify the database changes through the DbDesc script for this subsystem.

INSTALLING THE ATTRIBUTE VALIDS:

___ a)   Install the Attribute Valids:

    1.   The Subsystem "DSS" and component "EcDsSr (sdsrv) " should be selected on the ECS Assist Subsystem Manager display. From the file menu, select ESDT Manager.

    2.   Enter the path for the Staging location into the "Staging location entry section". i.e., /net/fallen/data1/Drop4P_Stage

    3.   From the file menu, select Install Valids Information. (This copies the DsDbSODictionaryData.sql and EcDsSrDbValids files to the appropriate runtime locations.)

    4.   From the file menu, select Exit

    5.   Click the database button.

    6.   Select DbValids.

    7.   Enter your site information in the Database Configurable Parameters dialogue box, and click OK.

    8.   Enter your site information in the EcDsSrDbValids Script Parameters dialogue box, and click OK.

VERIFICATION OF THE ATTRIBUTE VALIDS INSTALLATION:

___ a)   Verify that the files in step 3 were copied successfully to the /usr/ecs/<MODE>/CUSTOM/utilities directory from <stage_directory_location>/<platform>/CUSTOM/dbms/DSS and <stage_directory_location>/<platform>/CUSTOM/utilities.

___ b)   Verify from the /usr/ecs/<MODE>/CUSTOM/logs/EcDsSrDbValids.log file that the valids installation was successful.

START SERVERS:

___ a)   SHARED mode must be installed before starting any servers.

___ b)   For the initial startup, use the "start" function of the ECS Assistant Subsystem Manager to start your servers. EcCoAssist should be running as user **<server_name>** to start servers.

___ c)   Click **start** at the Component level; all servers should start.

___ d)   During the initial period (before HPOV is configured), use the "monitor" button of the ECS Assistant Subsystem Manager to monitor server status.

VERIFICATION

___ a)   Verify that the server(s) stay up for at least one minute.

___ b)   Check the server logs for any error messages indicating that the startup may have failed.

START GUIS:

___ a)   From the command line, start the GUIs which are a part of your component on the appropriate host(s):

    cd /usr/ecs/<MODE>/CUSTOM/utilities
    EcDsSdSrvGuiStart <MODE>

COMPLETE SETUP:

___ a)   Install site-specific ESDTs necessary for checkout and operations.

POST-INSTALLATION:

    ___ a)   Compare the installed configuration with the site-specific HW/SW baseline to verify the installation.

WORKAROUNDS:

INSTALLATION
___ a) N/A

MAKE CONFIGURATION
___ a) N/A

DATABASES
___ a) N/A

COMPLETE SETUP
___ a) N/A

INSTALLATION NOTES:

    ___ a) N/A

7.4 DSS – HdfEos Servers

These procedures are order-dependent. Each individual step should be completed before the follow-on step is attempted for Install, Make Configuration, Make CDS Entries, Databases, and Complete Setup.

Replace all occurrences of the string <MODE> with the mode into which you are performing the installation i.e. TS1, TS2 or OPS. Replace all occurrences of <stage_directory_location> with the path name of the staging directory provided to you by the installation lead.

PREREQUISITES:

    ___ a)   Read and familiarize yourself with the document "How To Use The ECS Assistant."
    ___ b)   Review the instructions for your type of installation (usually a normal staged installation).
    ___ c)   Review build plan for new capabilities and procedures.
    ___ d)   Review site map file for additions/deletions/changes to the installed configuration.
    ___ e)   Review HW/SW mapping for additions/deletions/changes to the installed configuration.
    ___ f)   Review mount point diagram and verify mount points (if applicable to your subsystem).
    ___ g)   Obtain the site-specific user account names, passwords, and groups required to perform the installation and checkout. This will include any or all of the <build_account>, <dce_login>, <dce_admin>, and <server_manager> accounts, the <server_group>, and the <db_password>.

DSS – Installation and Configuration (continued)

  ___ h) Obtain the staging area directory path name from the installation lead. This should include the architecture-specific path component (such as SUN, SGI, or HP):

      <stage_directory_location> =_____

INSTALL:

  INSTALLATION:
  ___ a) **Review any workarounds for the Install phase**.
  ___ b) **Review any Special Instructions for the Install phase**.
  ___ c) Identify primary and secondary installation hosts (per site map).
  ___ d) Identify the software packages to be installed on this host (per site map).
  ___ e) If this is a full system delivery, verify that the Installation Lead has cleaned out the mode on this host.
  ___ f) Using EcCoAssist, perform a normal staged installation for the appropriate target architecture (Sun, HP, SGI) for the following component(s) on each primary and secondary host:

    EcDs

  VERIFICATION
  ___ a) Subsystem icon indicates a successful installation ("green light")
  ___ b) Review the Results window of the ECS Assistant Subsystem Manager for any warning or error messages.

MAKE CONFIGURATION:

  ___ a) **Review any Workarounds for the Make Configuration phase.**
  ___ b) Execute the mkcfg function of EcCoAssist, using either the Configurable Parameters table provided with the Release documentation (if available), or the configurable parameter values from your previous installation configuration.
  ___ c) Verify that the xxx.CFG, xxx.ACFG, and xxx.PCFG files have a group membership of <server_group>.

  NEW OR CHANGED CONFIGURABLE PARAMETERS FOR THIS RELEASE:
  The **DebugLevel** default value is now **0**. This means that no debug information will be written to the debug log.

  The following parameters were added to the HdfEos Server Config file to provide the ability for the HdfEos Servers to automatically restart when the memory grows. In order for this to work the DAAC must be running the 5A (or later) MSS Subagents. If you are running a 4PY (or earlier) Subagent, then you must set the HDFEOS_RESTART_RELATIVE MEMORY to 200000000. This prevents the HdfEos Servers from restarting everytime they are used. If you you are running a 5A MSS Subagent then you may use the default values. The default values are listed below.

Parameter	Default Value
DsHrRestartSignal	SIGSEV
HDFEOS_RESTART_ABSOLUTTE_MEMORY	150000000
HDFEOS_RESTART_RELATIVE_MEMORY	20000000
HDFEOF_RESTART_LOCAL_DIR	<ECS_HOME>/<MODE>/CUSTOM/bin/DSS

DSS – Installation and Configuration (continued)

DsHrRestartSignal is the signal received by the HDF EOS Server that causes the process to restart. This parameter should not be changed.

HDFEOS_RESTART_ABSOLUTTE_MEMORY sets the maximum memory that a HDF EOS Server can consume for all requests during the lifetime of the server. This parameter is configurable.

HDFEOS_RESTART_RELATIVE_MEMORY sets the maximum memory that a HDF EOS Server can consume for a single request. This parameter is configurable.

HDFEOF_RESTART_LOCAL_DIR is the directory path to the HDF EOS Server executable.   This parameter is configurable; however, it should not be changed.

VERIFICATION:
___ a)   Check that all HdfEos CFG, ACFG, and PCFG files were updated during the mkcfg process
___ b)   Verify that mode-specific parameters contain the correct mode identifier

MAKE CDS ENTRIES:
___ a)   Using ECS Assistant, execute the mkcdsentry function at the primary server.
___ b)   If necessary, set the group membership on the keytab files to <server_group>.

VERIFICATION:
___ a)   Review the Results window of the ECS Assistant for any warning or error messages.
___ b)   Verify that keytab files were created for all HdfEos servers in the directory /usr/ecs/<MODE>/CUSTOM/security.

DATABASE:
___ a)   SDSRV database has been built/patched

START SERVERS:

___ a)   SHARED mode must be installed before starting any servers.
___ b)   For the initial startup, use the "start" function of the ECS Assistant Subsystem Manager to start your servers. EcCoAssist should be running as user **<server_name>** to start servers.
___ c)   Click start at the Component level; all servers should start.
___ d)   During the initial period (before HPOV is configured), use the "monitor" button of the ECS Assistant Subsystem Manager to monitor server status.

VERIFICATION
___ a)   Verify that the server(s) stay up for at least one minute.
___ b)   Check the server logs for any error messages indicating that the startup may have failed.

DSS – Installation and Configuration (continued)

START GUIS:

    ___ a)   N/A

COMPLETE SETUP:

    ___ a)   N/A

POST-INSTALLATION:

    ___ a)   Compare the installed configuration with the site-specific HW/SW baseline to verify the installation.

WORKAROUNDS:

INSTALLATION
    ___ a)   N/A

MAKE CONFIGURATION
    ___ a)   ECSed21434: The mkcfg function for the HdfEos servers may fail/hang, using 99%+ of CPU resources.
          If this happens, you must copy the file /usr/ecs/<MODE>/CUSTOM/cfg/SDSRV.ACFG from host *xx*acg*nn*.

DATABASES
    ___ a)   N/A

COMPLETE SETUP
    ___ a)   N/A

INSTALLATION NOTES:

    ___ a)   Performance tuning for the HdfEos Servers:

1)   Swap space
    The HdfEos Server host (typically *xx*wkg*nn*) should have at least 3GB swap space. If swap space is insufficient, the acquires through the HdfEos servers tend to stop at the start of reformatting.

2)   Bulk Data Service
The BDS (Bulk Data Service) options must be turned for the mounts between *xx*wkg*nn* and *xx*drg*nn* in <u>both</u> directions. If this is not done, acquires will not progress beyond subsetting of the first file.

8   INS

8.1 INS - Servers

These procedures are order-dependent. Each individual step should be completed before the follow-on step is attempted for Install, Make Configuration, Make CDS Entries, Databases, and Complete Setup.

Replace all occurrences of the string <MODE> with the mode into which you are performing the installation i.e. TS1, TS2 or OPS. Replace all occurrences of <stage_directory_location> with the path name of the staging directory provided to you by the installation lead.

PREREQUISITES:

___ a)   Read and familiarize yourself with the document "How To Use The ECS Assistant."
___ b)   Review the instructions for your type of installation (usually a normal staged installation).
___ c)   Review build plan for new capabilities and procedures.
___ d)   Review site map file for additions/deletions/changes to the installed configuration.
___ e)   Review HW/SW mapping for additions/deletions/changes to the installed configuration.
___ f)   Review mount points diagram and verify mount points (if applicable to your subsystem).
___ g)   Obtain the site-specific user account names, passwords, and groups required to perform the installation and checkout. This will include any or all of the <build_account>, <dce_login>, <dce_admin>, and <server_manager> accounts, the <server_group>, and the <db_password>.
___ h)   Obtain the staging area directory path name from the installation lead. This should include the appropriate architecture-specific path component (such as SUN, SGI, or HP):
<stage_directory_location> =_____

INSTALL:

INSTALLATION
___ a)   **Review any Workarounds for the Install phase**.
___ b)   **Review any Special Instructions for the Install phase**.
___ c)   Identify primary and secondary installation hosts (per site map).
___ d)   If this is a full system delivery, verify that the Installation Lead has cleaned out the mode on this host.
___ e)   Identify the packages to be installed on each host (per site map).
___ f)   Using ECS Assistant, perform a normal staged installation of the appropriate target architecture (SUN, HP, SGI)) for the following component(s) on each primary and secondary host:

EcIn

VERIFICATION
___ a)   Verify that the file <stage_directory_location>/CUSTOM/dbms/INS/EcInDbLogin has permissions set to 0755.
___ b)   Review the Results window of the ECS Assistant Subsystem Manager for any warning or error messages.

INS – Installation and Configuration (continued)

MAKE CONFIGURATION:

    ___ a)   **Review any Workarounds for the Make Configuration phase.**

    ___ b)   Using EcCoAssist, execute the mkcfg function on the **primary** host using configurable parameter values from your previous installation and configuration.

    ___ c)   Verify that the xxx.CFG, xxx.ACFG, and xxx.PCFG files have a group membership of <server_group>.

NEW OR CHANGED CONFIGURABLE PARAMETERS FOR THIS RELEASE

Parameter	Recommended Value
STMGT_RETRY_ATTEMPTS	5
STMGT_RETRY_INTERVAL	15
UR_TRANSLATION_RETRY_ATTEMPTS	12
UR_TRANSLATION_RETRY_INTERVAL	900

CONFIGURING POLLING DATA PROVIDER WITH DELIVERY RECORD

    ___ a)   Select Polling Data Provider w/DR from the Configurable parameters for the polling interface pop-up menu.
           The Polling with DR parameters input window is displayed.

    ___ b)   For each data provider that is to be configured at your site, enter parameter values as described by the **example(s)** provided in the following table:

Table C – Example Polling Data Providers with DR

Dataprovider	Polling Timer Interval	Compare File Contents Flag	Polling Directory	Hostname
EDOS	120	no	/usr/ecs/<mode>/CUSTOM/icl/xxicgnn/data/pollEDOS	xxicgnn
EDOS-ANC	120	no	/usr/ecs/<mode>/CUSTOM/icl/xxicgnn/data/pollEDOS-ANC	xxicgnn
Ias0xx	120	no	/usr/ecs/<mode>/CUSTOM/icl/xxicgnn/data/pollIas0xx	xxicgnn

    ___ c)   When parameters for the data provider have been entered, select add. The add dialogue pop-up will appear. Select continue to configure the data provider with the current parameter values or select cancel to terminated the add. Repeat these actions to configure other data providers by typing over the existing record before selecting add.

    ___ d)   When all the required data providers have been configured, select exit from the Polling with DR parameters input pop-up. The Configurable parameters for the polling interface menu pop-up is displayed.

    ___ e)   The prev and next buttons from the Polling with DR parameters input pop-up can be used to review and/or edit the data provider parameters.

<u>CONFIGURING POLLING DATA PROVIDER WITHOUT DELIVERY RECORD</u>

___ a)   Select Polling Data Provider wo/DR from the Configurable parameters for the polling interface pop-up menu.
        The Polling without DR parameters input window is displayed
___ b)   For each data provider that is to be configured at your site, enter parameter values as described by the **example(s)** provided in the
        following table:

Table D – Example Polling Data Providers without DR

Dataprovider	Polling Timer Interval	Compare File Contents Flag	Polling Directory Count
FDD	120	no	1

___ a)   After entering a value for the Polling directory count parameter, press the return key. The Polling without DR parameters input
        pop-up is expanded to enter additional parameter values. The following table provides **example(s)** of the type of additional
        information that is required.

Table E – Example Polling Directories

Dataprovider	Polling Directory	Data Type	Host	Ingest File Type	MAX File Size
FDD	/usr/ecs/<MODE>/CUSTOM/data/INS/pollAM1ATTF	AM1ATTF	xxicgnn	DATA	1000000

___ b)   When parameter values for the data provider without delivery records have been entered, select add. The add dialogue pop-up will
        appear. Select continue to configure the data provider with the current parameter values or select cancel to terminate the add.
        Repeat these actions to configure other data providers.
___ c)   When all the required data providers without delivery records have been configured, select exit form the Polling without DR
        parameters dialogue pop-up to return to the Configurable parameters for the polling interface menu pop-up.

<u>CONFIGURING GRANULE SERVERS</u>

___ a)   Select InGran Server Info from the Configurable parameters for the polling interface meun.
        The Polling Client Setup input window is displayed.
___ b)   For each instance of a granule server to be configured, enter the granule server name (i.e. EcInGran, EcInGran0 or EcInGran1) and
        then select add. The record count should increment to reflect a new granule server has been configured. Repeat these actions to
        configure other granule servers.
___ c)   When all required granule servers have been configured, select exit to return to the Configurable parameters for the polling
        interface menu.

<u>CONFIGURATION PARAMETERS</u>

___ a)   Select exit from the Configurable parameters for the polling interface menu pop-up.
        The Configurable Parameters pop-up is displayed containing buttons for each configuration file.
___ b)   Select a button and enter/verify configuration parameter values for that configuration file.
___ c)   Select ok when all configuration file values have been verified/completed.

INS – Installation and Configuration (continued)

<u>VERIFICATION</u>
___ a)   Check that all Ingest CFG, ACFG, and PCFG files were updated during the mkcfg process
___ b)   Verify that mode-specific parameters contain the correct mode identifier

MAKE CDS ENTRIES:

___ a)   Using EcCoAssist, execute the mkcdsentry function on the **primary** server.
___ b)   If necessary, set the group membership on the keytab files to <server_group>.

<u>VERIFICATION</u>
___ a)   Review the Results window of the ECS Assistant for any warning or error messages.
___ b)   Verify that keytab files were created for all Ingest servers in the directory /usr/ecs/<MODE>/CUSTOM/security.

DATABASE:

___ a)   **Review any Workarounds for the Database phase**.
___ b)   Obtain the required database parameters.

Table B - Database Parameters

PARAMETER	VALUE
DBO ID, db_user_name	ingest_role
Password, db_user_password	<DBO password>
SQL Server Name, server_name	*xxXXXnn*_srvr
Database Name	Ingest[_<MODE>]

Where **Ingest** is the database name in OPS mode, and **Ingest_<MODE>** is the database name in TS1 and TS2.

___ a)   Obtain the current version of the database:
    > isql -S <server_name> -U <db_user_name> -P <db_user_password>
    > use Ingest[_<MODE>]
    > go
    > select EcDbDropVersion from EcDbDatabaseVersions where EcDbCurrentVersionFlag="Y"
    > go
    … note the database version name
    > quit
___ b)   Using EcCoAssist on the primary server, execute the DbBuild function to create the INS database
___ c)   If a "select a file" box appears, select file .dbparms within the select a file box, then select Ok in the Database Config box.
___ d)   Enter the required parameters in the Database Script Parameters dialogue box.
___ e)   Select Ok to start the database build.

INS – Installation and Configuration (continued)

___ a) Review the file EcInDbBuild.log in /usr/ecs/<MODE>/CUSTOM/logs for any error or warning messages.

___ b) Verify that the current database version is **"5A.Epsilon"**:

> **isql -S <server_name> -U <db_user_name> -P <db_user_password>**

> **use Ingest [_<MODE>]**

> **go**

> **select EcDbDropVersion from EcDbDatabaseVersions where EcDbCurrentVersionFlag="Y"**

> **go**

… note the database version name

> **quit**

___ c) Have the DBA verify the database changes through the DbDesc script for this subsystem.

SPECIAL INSTRUCTIONS FOR MODIFYING THE INGEST DATABASE

___ a) Start interactive sql server for Ingest database

>isql -S<SYBASE_SRVR> -U<dbo_username> -P<dbo_password>

1> use Ingest_<MODE

2> go

___ b) Set the EDOS IPAddress (currently 198.118.234.19) in the InEDPAddressMap table for LaRC and GFSC.

1> insert InEDPAddressMap (IPAddress, ExternalDataProvider) values ('<EDOS_IPAddress>', 'EDOS')

2> go

___ c) Set the values of the 'IngestFtpKey' parameter in the 'InDataTypeTemplate' database table to ACM1_ for the following data types: OZONEEP, MRF, MRF_H, FNMOC_ML, FNMOCMLH, NCEP03, NCEP04, SHBU_OBS, REYNSST, GDAS_0ZF, GDAS0ZFH, SEA_ICE, SEA_ICEH, OZ_DAILY, OZ_DLYH, OZ2DAILY, DAP, VegIndx3, VegIxch1, VegIxch2, VegIxch4, VegIxch5, VegIxQCD, VegIxPWI, VegIxSZA, VegIxScA, WKAERSOL, SNOWICEN, SNOWICEH, OZON_SB, ISCCPGE2, ISCCPGMS, ISCCP_GE, ISCCP_GW, ISCCP_MS, Browse, QA, PH, and all SIP data types:

1> update InDataTypeTemplate set IngestFtpKey = "ACM1_" where DataType like "OZ%"

2> go

1> update InDataTypeTemplate set IngestFtpKey = "ACM1_" where DataType like "MRF%"

2> go

1> update InDataTypeTemplate set IngestFtpKey = "ACM1_" where DataType like "FNMO%"

2> go

1> update InDataTypeTemplate set IngestFtpKey = "ACM1_" where DataType like "NCEP%"

2> go

1> update InDataTypeTemplate set IngestFtpKey = "ACM1_" where DataType like "GDAS%"

2> go

1> update InDataTypeTemplate set IngestFtpKey = "ACM1_" where DataType like "SEA%"

2> go

1> update InDataTypeTemplate set IngestFtpKey = "ACM1_" where DataType = "SNOWI%"

2> go

```
1> update InDataTypeTemplate set IngestFtpKey = "ACM1_" where DataType like "VegI%"
2> go
1> update InDataTypeTemplate set IngestFtpKey = "ACM1_" where DataType like "ISCCP%"
2> go
1> update InDataTypeTemplate set IngestFtpKey = "ACM1_" where DataType = "MOD%"
2> go
1> update InDataTypeTemplate set IngestFtpKey = "ACM1_" where DataType = "MOP%"
2> go
1> update InDataTypeTemplate set IngestFtpKey = "ACM1_" where DataType = "CER%"
2> go
1> update InDataTypeTemplate set IngestFtpKey = "ACM1_" where DataType = "SHBU_OBS"
2> go
1> update InDataTypeTemplate set IngestFtpKey = "ACM1_" where DataType = "REYNSST"
2> go
1> update InDataTypeTemplate set IngestFtpKey = "ACM1_" where DataType = "DAP"
2> go
1> update InDataTypeTemplate set IngestFtpKey = "ACM1_" where DataType = "WKAERSOL"
2> go
1> update InDataTypeTemplate set IngestFtpKey = "ACM1_" where DataType = "Browse"
2> go
1> update InDataTypeTemplate set IngestFtpKey = "ACM1_" where DataType = "PH"
2> go
1> update InDataTypeTemplate set IngestFtpKey = "ACM1_" where DataType = "QA"
2> go
```

___ d)   Set the correct value for the 'MediaStorageMgmtKey' parameter in the 'InSystemParameters' database table.

```
1> update InSystemParameters set MediaStorageMgmtKey = "DIP1_"
2>  go
```

START SERVERS:

___ a)   SHARED mode must be installed before starting any servers.

___ b)   For the initial startup, use the "start" function of the ECS Assistant Subsystem Manager to start your servers. EcCoAssist should be running as user cmshared to start servers.

___ c)   All servers should be started if "start" is activated at the Component level.

___ d)   During the initial period (before HPOV is configured), use the "monitor" button of the ECS Assistant Subsystem Manager to monitor server status.

___ e)   HP Open View starts all Ingest processes on *xx*icg*nn*. (HP Open View doesn't shutdown any Polling processes on either *xx*icg*nn* or *xx*acg*nn*).

VERIFICATION

___ a)   Verify that the server(s) stay up for at least one Monitor window refresh cycle.

___ b)   Check the server logs for any error messages indicating that the startup may have failed.

INS – Installation and Configuration (continued)

COMPLETE SETUP:

    ___ a)   **Review any Workarounds for the Complete Setup phase.**

    ___ b)   Verify that all local and remote data provider directories for your site have been created.

POST-INSTALLATION:

    ___ a)   Compare the installed configuration with the site-specific HW/SW baseline to verify the installation.

WORKAROUNDS:

    INSTALLATION

    ___ a)   Because additional data types have been added to the Ingest database, all of the corresponding Science Data Server UR entries can no longer be retrieved in a single Sybase query. Therefore, after executing the Mkcfg, you must edit the resulting EcInReqMgr.CFG file. Search for the entry ADVERTISING_SYBASE_LIMIT and change the value of this parameter to 200. (This parameter controls the number of Science Data Server UR entries retrieved in each query from the Advertising database; a value of zero causes the software to try to retrieve all entries in a single query.)

    MAKE CONFIGURATION

    ___ a)   N/A

    DATABASES

    ___ a)   N/A

    COMPLETE SETUP

    ___ a)   N/A

INSTALLATION NOTES:

    ___ a)   N/A

8.1   INS – Application Server

These procedures are order-dependent. Each individual step should be completed before the follow-on step is attempted for Install, Make Configuration, Make CDS Entries, Databases, and Complete Setup.

Replace all occurrences of the string <MODE> with the mode into which you are performing the installation i.e. TS1, TS2 or OPS. Replace all occurrences of <stage_directory_location> with the path name of the staging directory provided to you by the installation lead.

PREREQUISITES:

    ___ a)   Read and familiarize yourself with the document "How To Use The ECS Assistant."

    ___ b)   Review the instructions for your type of installation (usually a normal staged installation).

    ___ c)   Review build plan for new capabilities and procedures.

    ___ d)   Review site map file for additions/deletions/changes to the installed configuration.

    ___ e)   Review HW/SW mapping for additions/deletions/changes to the installed configuration.

    ___ f)   Review mount point diagram and verify mount points (if applicable to your subsystem).

INS – Installation and Configuration (continued)

___ g)   Obtain the site-specific user account names, passwords, and groups required to perform the installation and checkout. This will include any or all of the <build_account>, <dce_login>, <dce_admin>, and <server_manager> accounts, the <server_group>, and the <db_password>.

___ h)   Obtain the staging area directory path name from the installation lead. This should include the architecture-specific path component (such as SUN, SGI, or HP):
<stage_directory_location> =_____

INSTALL:

INSTALLATION:

___ a)   **Review any workarounds for the Install phase**.
___ b)   **Review any Special Instructions for the Install phase**.
___ c)   Identify primary and secondary installation hosts (per site map).
___ d)   Identify the software packages to be installed on this host (per site map).
___ e)   If this is a full system delivery, verify that the Installation Lead has cleaned out the mode on this host.
___ f)   Using EcCoAssist, perform a normal staged installation for the appropriate target architecture (Sun, HP, SGI) for the following component(s) on each primary and secondary host:

        EcIn

VERIFICATION

___ a)   Subsystem icon indicates a successful installation ("green light")
___ b)   Review the Results window of the ECS Assistant Subsystem Manager for any warning or error messages.

MAKE CONFIGURATION:

___ a)   Review any Workarounds for the Make Configuration phase.
___ b)   Execute the mkcfg function of EcCoAssist on each **primary** host, using either the Configurable Parameters table provided with the Release documentation (if available), or the configurable parameter values from your previous installation configuration.
___ c)   Verify that the xxx.CFG, xxx.ACFG, and xxx.PCFG files have a group membership of <server_group>.

NEW OR CHANGED CONFIGURABLE PARAMETERS FOR THIS RELEASE:

Parameter	Recommended Value
STMGT_RETRY_ATTEMPTS	5
STMGT_RETRY_INTERVAL	15
UR_TRANSLATION_RETRY_ATTEMPTS	12
UR_TRANSLATION_RETRY_INTERVAL	900

INS – Installation and Configuration (continued)

CONFIGURING POLLING DATA PROVIDER WITH DELIVERY RECORD

___ a) Select Polling Data Provider w/DR from the Configurable parameters for the polling interface pop-up menu.
The Polling with DR parameters input window is displayed.

___ b) For each data provider that is to be configured at your site, enter parameter values as described by the **example(s)** provided in the following table:

Table F - Polling Data Providers with DR

Dataprovider	Polling Timer Interval	Compare File Contents Flag	Polling Directory	Hostname
GSFC-V0	120	no	/usr/ecs/<mode>/CUSTOM/icl/xxicgnn/data/pollGSFC-V0	xxicgnn
SCF	120	no	/usr/ecs/<mode>/CUSTOM/icl/xxicgnn/data/pollSCF	xxicgnn
LaRC_SAGEIII_MOC	120	no	/daac/dev/od/pdr/out	meteop1.larc.nasa.gov

___ c) When parameters for the data provider have been entered, select add. The add dialogue pop-up will appear. Select continue to configure the data provider with the current parameter values or select cancel to terminated the add. Repeat these actions to configure other data providers by typing over the existing record before selecting add.

___ d) When all the required data providers have been configured, select exit from the Polling with DR parameters input pop-up. The Configurable parameters for the polling interface menu pop-up is displayed.

___ e) The prev and next buttons from the Polling with DR parameters input pop-up can be used to review and/or edit the data provider parameters.

CONFIGURING POLLING DATA PROVIDER WITHOUT DELIVERY RECORD

___ a) Select Polling Data Provider wo/DR from the Configurable parameters for the polling interface pop-up menu.
The Polling without DR parameters input window is displayed

___ b) For each data provider that is to be configured at your site, enter parameter values as described by the **example(s)** provided in the following table:

Table G - Polling Data Providers without DR

Dataprovider	Polling Timer Interval	Compare File Contents Flag	Polling Directory Count
NESDIS	120	yes	17

___ c) After entering a value for the Polling directory count parameter, press the return key. The Polling without DR parameters input pop-up is expanded to enter additional parameter values. The following table provides **examples** of the type of additional information that is required.

Table H - Polling Directories

Dataprovider	Polling Directory	Data Type	Host	Ingest File Type	MAX File Size
NESDIS	/usr/ecs/<MODE>/CUSTOM/data/INS/pollVegIndx3	VegIndx3	xxacgnn	SCIENCE	3000000
NESDIS	/usr/ecs/<MODE>/CUSTOM/data/INS/pollVegIxch1	VegIxch1	xxacgnn	SCIENCE	3000000
NESDIS	/usr/ecs/<MODE>/CUSTOM/data/INS/pollVegIxch2	VegIxch2	xxacgnn	SCIENCE	3000000
NESDIS	/usr/ecs/<MODE>/CUSTOM/data/INS/pollVegIxch4	VegIxch4	xxacgnn	SCIENCE	3000000
NESDIS	/usr/ecs/<MODE>/CUSTOM/data/INS/pollVegIxch5	VegIxch5	xxacgnn	SCIENCE	3000000
NESDIS	/usr/ecs/<MODE>/CUSTOM/data/INS/pollVegIxQCD	VegIxQCD	xxacgnn	SCIENCE	3000000
NESDIS	/usr/ecs/<MODE>/CUSTOM/data/INS/pollVegIxSZA	VegIxSZA	xxacgnn	SCIENCE	3000000
NESDIS	/usr/ecs/<MODE>/CUSTOM/data/INS/pollVegIxScA	VegIxScA	xxacgnn	SCIENCE	3000000
NESDIS	/usr/ecs/<MODE>/CUSTOM/data/INS/pollVegIxPWI	VegIxPWI	xxacgnn	SCIENCE	3000000
NESDIS	/usr/ecs/<MODE>/CUSTOM/data/INS/pollWKAERSOL	WKAERSOL	xxacgnn	SCIENCE	2000000
NESDIS	/usr/ecs/<MODE>/CUSTOM/data/INS/pollXSNOWICEN	SNOWICEN	xxacgnn	SCIENCE	12000000
NESDIS	/usr/ecs/<MODE>/CUSTOM/data/INS/pollOZON_SB	OZON_SB	xxacgnn	SCIENCE	2000000
NESDIS	/usr/ecs/<MODE>/CUSTOM/data/INS/pollISCCP_GE	ISCCP_GE	xxacgnn	SCIENCE	10000000
NESDIS	/usr/ecs/<MODE>/CUSTOM/data/INS/pollISCCP_GE2	ISCCP_GE2	xxacgnn	SCIENCE	10000000
NESDIS	/usr/ecs/<MODE>/CUSTOM/data/INS/pollISCCP_GW	ISCCP_GW	xxacgnn	SCIENCE	15000000
NESDIS	/usr/ecs/<MODE>/CUSTOM/data/INS/pollISCCPGMS	ISCCPGMS	xxacgnn	SCIENCE	10000000
NESDIS	/usr/ecs/<MODE>/CUSTOM/data/INS/pollISCCP_MS	ISCCP_MS	xxacgnn	SCIENCE	10000000

___ d) When parameter values for the data provider without delivery records have been entered, select add. The add dialogue pop-up will appear. Select continue to configure the data provider with the current parameter values or select cancel to terminate the add. Repeat these actions to configure other data providers.

___ e) When all the required data providers without delivery records have been configured, select exit form the Polling without DR parameters dialogue pop-up to return to the Configurable parameters for the polling interface menu pop-up.

CONFIGURATION PARAMETERS
___ a) Select exit from the Configurable parameters for the polling interface menu pop-up.
        The Configurable Parameters pop-up is displayed containing buttons for each configuration file.
___ b) Select a button and enter/verify configuration parameter values for that configuration file.
___ c) Select ok when all configuration file values have been verified/completed.

VERIFICATION:
___ a) Check that all INS CFG, ACFG, and PCFG files were updated during the mkcfg process
___ b) Verify that mode-specific parameters contain the correct mode identifier

INS – Installation and Configuration (continued)

MAKE CDS ENTRIES:

    ___ a)   Using EcCoAssist, execute the mkcdsentry function on the **primary** server.

    ___ b)   If necessary, set the group membership on the keytab files to <server_group>.

VERIFICATION:

    ___ a)   Review the Results window of the ECS Assistant for any warning or error messages.

    ___ b)   Verify that keytab files were created for all INS servers in the directory /usr/ecs/<MODE>/CUSTOM/security.

DATABASE:

    ___ a)   N/A

START SERVERS:

    ___ a)   SHARED mode must be installed before starting any servers.

    ___ b)   For the initial startup, use the "start" function of the ECS Assistant Subsystem Manager to start your servers. EcCoAssist should be running as user cmshared to start servers.

    ___ c)   Click start at the Component level; all servers should start.

    ___ d)   During the initial period (before HPOV is configured), use the "monitor" button of the ECS Assistant Subsystem Manager to monitor server status.

        xxacgnn Polling server start:

1.   Change Directory to the utilities directory i.e. cd /usr/ecs/<MODE>/CUSTOM/utilities

    EcInPollingStart <MODE> ea_instance <Polling process name> StartTemperature <cold or warm> &

    Example: EcInPollingStart <MODE> ea_instance EcInPolling.NESDIS StartTemperature cold &

    Example: EcInPollingStart <MODE> ea_instance EcInPolling.GSFC-V0 StartTemperature cold &

    Example: EcInPollingStart <MODE> ea_instance EcInPolling.SCF StartTemperature cold &

    Example: EcInPollingStart <MODE> ea_instance EcInPolling.LaRC_SAGE_III_MOC StartTemperature cold &

VERIFICATION

    ___ a)   Verify that the server(s) stay up for at least one minute.

    ___ b)   Check the server logs for any error messages indicating that the startup may have failed.

START GUIS:

    ___ a)   N/A

COMPLETE SETUP:

    ___ a)   N/A

INS – Installation and Configuration (continued)

POST-INSTALLATION:

    ___ a)   Compare the installed configuration with the site-specific HW/SW baseline to verify the installation.

WORKAROUNDS:

    <u>INSTALLATION</u>
    ___ a)   N/A

    <u>MAKE CONFIGURATION</u>
    ___ a)   N/A

    <u>DATABASES</u>
    ___ a)   N/A

    <u>COMPLETE SETUP</u>
    ___ a)   N/A

INSTALLATION NOTES:

    ___ a)   N/A

8.3   INS –GUIs

These procedures are order-dependent. Each individual step should be completed before the follow-on step is attempted for Install, Make Configuration, Make CDS Entries, Databases, and Complete Setup.

Replace all occurrences of the string <MODE> with the mode into which you are performing the installation i.e. TS1, TS2 or OPS. Replace all occurrences of <stage_directory_location> with the path name of the staging directory provided to you by the installation lead.

PREREQUISITES:

    ___ a)   Read and familiarize yourself with the document "How To Use The ECS Assistant."
    ___ b)   Review the instructions for your type of installation (usually a normal staged installation).
    ___ c)   Review build plan for new capabilities and procedures.
    ___ d)   Review site map file for additions/deletions/changes to the installed configuration.
    ___ e)   Review HW/SW mapping for additions/deletions/changes to the installed configuration.
    ___ f)   Review mount point diagram and verify mount points (if applicable to your subsystem).
    ___ g)   Obtain the site-specific user account names, passwords, and groups required to perform the installation and checkout. This will include any or all of the <build_account>, <dce_login>, <dce_admin>, and <server_manager> accounts, the <server_group>, and the <db_password>.
    ___ h)   Obtain the staging area directory path name from the installation lead. This should include the architecture-specific path component (such as SUN, SGI, or HP):
              <stage_directory_location> =_____

INS – Installation and Configuration (continued)

INSTALL:

INSTALLATION:
___ a) **Review any workarounds for the Install phase**.
___ b) **Review any Special Instructions for the Install phase**.
___ c) Identify primary and secondary installation hosts (per site map).
___ d) Identify the software packages to be installed on this host (per site map).
___ e) If this is a full system delivery, verify that the Installation Lead has cleaned out the mode on this host.
___ f) Using EcCoAssist, perform a normal staged installation for the appropriate target architecture (Sun, HP, SGI) for the following component(s) on each primary and secondary host:

 EcIn

SPECIAL INSTRUCTIONS FOR INSTALLING THE INGEST SERVER:
___ a) Verify that the file <stage_directory_location>/CUSTOM/dbms/INS/EcInDbLogin has permissions of 0755 (-rwxr-xr-x)

VERIFICATION
___ a) Subsystem icon indicates a successful installation ("green light")
___ b) Review the Results window of the ECS Assistant Subsystem Manager for any warning or error messages.

MAKE CONFIGURATION:

___ a) **Review any Workarounds for the Make Configuration phase**.
___ b) Execute the mkcfg function of EcCoAssist on each **primary** host, using either the Configurable Parameters table provided with the Release documentation (if available), or the configurable parameter values from your previous installation configuration.
___ c) Verify that the xxx.CFG, xxx.ACFG, and xxx.PCFG files have a group membership of <server_group>.

CONFIGURATION PARAMETERS
___ a) Select exit from the Configurable parameters for the polling interface menu pop-up.
 The Configurable Parameters pop-up is displayed containing buttons for each configuration file.
___ b) Select a button and enter/verify configuration parameter values for that configuration file.
___ c) Select ok when all configuration file values have been verified/completed.

NEW OR CHANGED CONFIGURABLE PARAMETERS FOR THIS RELEASE:
N/A

VERIFICATION:
___ b) Check that all INS CFG, ACFG, and PCFG files were updated during the mkcfg process
___ c) Verify that mode-specific parameters contain the correct mode identifier

INS – Installation and Configuration (continued)

MAKE CDS ENTRIES:

     ___ b)   Using EcCoAssist, execute the mkcdsentry function on the **primary** server.

     ___ c)   If necessary, set the group membership on the keytab files to <server_group>.

     VERIFICATION:

     ___ b)

DATABASE:

     ___ b)   N/A

START SERVERS:

     ___ a)   N/A

START GUIs:

From the command line, start the GUI(s) which are a part of your component on the appropriate host(s):

cd /usr/ecs/<MODE>/CUSTOM/utilities
EcInGUIStart <MODE>

COMPLETE SETUP:

     Update the ftp user names, passwords, and passwords sizes:

     ___ a)   Bring up the Ingest GUI.
     ___ b)   Select the "Operator Tools" function.
     ___ c)   Select "Modify System Parameters".
            Modify the following parameters:

            Volume Threshold -> 150000 MB
            Monitor Time -> 6 mins
            Screen Update Time -> 2 secs

     ___ d)   Select "OK"
     ___ e)   Select "Modify External Data Provider / User Information".
            For each Data Provider in the pulldown menu modify the following parameters:

            FTP Username γ <valid username>
            FTP Password γ <valid password>   <old password>   NOTE: use confirmation OK button
            Volume Threshold γ 50000 MB
            Request Threshold γ 100

     ___ f)   Select "OK" at the bottom

INS – Installation and Configuration (continued)

POST-INSTALLATION:

   ___ b)   Compare the installed configuration with the site-specific HW/SW baseline to verify the installation.

WORKAROUNDS:

   <u>INSTALLATION</u>
   ___ a)   N/A

   <u>MAKE CONFIGURATION</u>
   ___ a)   N/A

   <u>DATABASES</u>
   ___ a)   N/A

   <u>COMPLETE SETUP</u>
   ___ a)   N/A

INSTALLATION NOTES:

   ___ a)   N/A

8.4   INS - EcInEmailGWServer

These procedures are order-dependent. Each individual step should be completed before the follow-on step is attempted for Install, Make Configuration, Make CDS Entries, Databases, and Complete Setup.

Replace all occurrences of the string <MODE> with the mode into which you are performing the installation i.e. TS1, TS2 or OPS. Replace all occurrences of <stage_directory_location> with the path name of the staging directory provided to you by the installation lead.

PREREQUISITES:

   ___ a)   Read and familiarize yourself with the document "How To Use The ECS Assistant."
   ___ b)   Review the instructions for your type of installation (usually a normal staged installation).
   ___ c)   Review build plan for new capabilities and procedures.
   ___ d)   Review site map file for additions/deletions/changes to the installed configuration.
   ___ e)   Review HW/SW mapping for additions/deletions/changes to the installed configuration.
   ___ f)   Review mount points diagram and verify mount points (if applicable to your subsystem).
   ___ g)   Obtain the site-specific user account names, passwords, and groups required to perform the installation and checkout. This will include any or all of the <build_account>, <dce_login>, <dce_admin>, and <server_manager> accounts, the <server_group>, and the <db_password>.

INS – Installation and Configuration (continued)

   ___ h)   Obtain the staging area directory path name from the installation lead. This should include the appropriate architecture-specific path component (such as SUN, SGI, or HP):
        \<stage_directory_location\> =_____

INSTALL:

INSTALLATION
   ___ a)   **Review any Workarounds for the Install phase**.
   ___ b)   **Review any Special Instructions for the Install phase**.
   ___ c)   Identify primary and secondary installation hosts (per site map).
   ___ d)   If this is a full system delivery, verify that the Installation Lead has cleaned out the mode on this host.
   ___ e)   Identify the packages to be installed on each host (per site map).
   ___ f)   Using ECS Assistant, perform a normal staged installation of the appropriate target architecture (SUN, HP, SGI)) for the following component(s) on each primary and secondary host:

        EcInEMAILSVR.pkg

VERIFICATION
   ___ a)   Verify that the file \<stage_directory_location\>/CUSTOM/dbms/INS/EcInDbLogin has permissions set to 0755.
   ___ b)   Review the Results window of the ECS Assistant Subsystem Manager for any warning or error messages.

MAKE CONFIGURATION:

   ___ a)   **Review any Workarounds for the Make Configuration phase.**
   ___ b)   Using EcCoAssist, execute the mkcfg function on the **primary** host using configurable parameter values from your previous installation and configuration.
   ___ c)   Verify that the xxx.CFG, xxx.ACFG, and xxx.PCFG files have a group membership of \<server_group\>.

NEW OR CHANGED CONFIGURABLE PARAMETERS FOR THIS RELEASE:

Parameter	Recommended Value
FAILEDADDRESS	\<email_address_for_ingest_technician\>

If the incoming email message is unable to be put into the EcInEmailGWServer polling directory; the email message will be routed to the FAILEDADDRESS.

VERIFICATION
   ___ a)   Check that all Ingest CFG, ACFG, and PCFG files were updated during the mkcfg process
   ___ b)   Verify that mode-specific parameters contain the correct mode identifier

MAKE CDS ENTRIES:

   ___ a)   Using EcCoAssist, execute the mkcdsentry function on the **primary** server.
   ___ b)   If necessary, set the group membership on the keytab files to \<server_group\>.

INS – Installation and Configuration (continued)

<u>VERIFICATION</u>

___ a)   Review the Results window of the ECS Assistant for any warning or error messages.

___ b)   Verify that keytab files were created for all Ingest servers in the directory
/usr/ecs/<MODE>/CUSTOM/security.

DATABASE:

___ a)   N/A

START SERVERS:

___ a)   SHARED mode must be installed before starting any servers.

___ b)   For the initial startup, use the "start" function of the ECS Assistant Subsystem Manager to start your servers. EcCoAssist should be running as user <server_name> to start servers.

___ c)   All servers should be started if "start" is activated at the Component level.

___ d)   During the initial period (before HPOV is configured), use the "monitor" button of the ECS Assistant Subsystem Manager to monitor server status.

___ e)   HP Open View starts all Ingest processes on *xx*icg*nn*. (HP Open View doesn't shutdown any Polling processes on either *xx*icg*nn* or *xx*acg*nn*).

<u>VERIFICATION</u>

___ a)   Verify that the server(s) stay up for at least one Monitor window refresh cycle.

___ b)   Check the server logs for any error messages indicating that the startup may have failed.

COMPLETE SETUP:

___ a)   **Review any Workarounds for the Complete Setup phase.**

___ b)   Verify that all local and remote data provider directories for your site have been created.

___ c)   An entry must be added to the /etc/mail/aliases file on the host that the EcInEmailGWServer is installed on. The entry will have the form

EcInEmailGWServer_{MODE}:"|/usr/ecs/{MODE}/CUSTOM/utilities/EcInEmailGWServerscript.csh"

POST-INSTALLATION:

___ e)   Compare the installed configuration with the site-specific HW/SW baseline to verify the installation.

WORKAROUNDS:

<u>INSTALLATION</u>

___ a)   ECSed?????: Change the permissions on the InEmailGWServerPollingDirectory:

cd /usr/ecs/<MODE>/CUSTOM/data/INS/local
chmod 7777 InEmailGWServerPollingDirectory

INS – Installation and Configuration (continued)

MAKE CONFIGURATION

None

DATABASES

None

COMPLETE SETUP

None

INSTALLATION NOTES:

To transfer data from one mode or DAAC to another mode or DAAC, do an ftp push acquire from the source mode or DAAC. In the user profile set the email address to the Server Email Address for the site, host, and mode that is the destination. Upon completion of the ftp pull acquire, a DDIST notification message will be sent to the email address set in the user profile. The target site's EcInEmailGWServer will generate a PDR from the DDIST notification message and the target site's ingest servers will ingest the data defined in the PDR.

9   IOS

9.1 IOS – Servers and GUIs

These procedures are order-dependent. Each individual step should be completed before the follow-on step is attempted for Install, Make Configuration, Make CDS Entries, Databases, and Complete Setup.

Replace all occurrences of the string <MODE> with the mode into which you are performing the installation i.e. TS1, TS2 or OPS. Replace all occurrences of <stage_directory_location> with the path name of the staging directory provided to you by the installation lead.

PREREQUISITES:

___ a)   Read and familiarize yourself with the document "How To Use The ECS Assistant."
___ b)   Review the instructions for your type of installation (usually a normal staged installation).
___ c)   Review build plan for new capabilities and procedures.
___ d)   Review site map file for additions/deletions/changes to the installed configuration.
___ e)   Review HW/SW mapping for additions/deletions/changes to the installed configuration.
___ f)   Review mount point diagram and verify mount points (if applicable to your subsystem).
___ g)   Obtain the site-specific user account names, passwords, and groups required to perform the installation and checkout. This will include any or all of the <build_account>, <dce_login>, <dce_admin>, and <server_manager> accounts, the <server_group>, and the <db_password>.
___ h)   Obtain the staging area directory path name from the installation lead. This should include the architecture-specific path component (such as SUN, SGI, or HP):
<stage_directory_location> =_____

INSTALL:

INSTALLATION:
___ a)   **Review any workarounds for the Install phase**.
___ b)   **Review any Special Instructions for the Install phase**.
___ c)   Identify primary and secondary installation hosts (per site map).
___ d)   Identify the software packages to be installed on this host (per site map).
___ e)   If this is a full system delivery, verify that the Installation Lead has cleaned out the mode on this host.
___ f)   Using EcCoAssist, perform a normal staged installation for the appropriate target architecture (Sun, HP, SGI) for the following component(s) on each primary and secondary host:

EcIo

SPECIAL INSTRUCTIONS FOR INSTALLING IOS:
___ a)   Verify that the Netscape Server has been installed and configured for this <MODE>:

cd /usr/ecs/**OPS**/COTS/ns-home/https-<SERVER_NAME>_IOS_<MODE>/config
grep ecs obj.conf

IOS – Installation and Configuration (continued)

___ b)   If the *obj.conf* file contains ECS- and mode-specific information, the Netscape Server has been installed. If the *obj.conf* file has not been customized, follow the instructions *"If the Netscape Server is not installed"* in the **Complete Setup** section.

VERIFICATION
___ a)   Subsystem icon indicates a successful installation ("green light")
___ b)   Review the Results window of the ECS Assistant Subsystem Manager for any warning or error messages.

MAKE CONFIGURATION:

___ a)   **Review any Workarounds for the Make Configuration phase.**
___ b)   Execute the mkcfg function of EcCoAssist on each **primary**, using either the Configurable Parameters table provided with the Release documentation (if available), or the configurable parameter values from your previous installation configuration. . Ensure that all IOS applications appear in the Configurable Parameters display:
                                    EcIoAdCGIProgs
                                    EcIoAdConfig
                                    EcIoAdHtmlReplace
                                    EcIoAdServer
                                    EcIoAdSiteSpecific
___ a)   Verify that the xxx.CFG, xxx.ACFG, and xxx.PCFG files have a group membership of <server_group>.

NEW OR CHANGED CONFIGURABLE PARAMETERS FOR THIS RELEASE:
N/A

VERIFICATION:
___ a)   Check that all IOS CFG, ACFG, and PCFG files were updated during the mkcfg process
___ b)   Verify that mode-specific parameters contain the correct mode identifier

MAKE CDS ENTRIES:

___ a)   Using EcCoAssist, execute the mkcdsentry function on the **primary** server.
___ b)   If necessary, set the group membership on the keytab files to <server_group>.

VERIFICATION:
___ a)   Review the Results window of the ECS Assistant for any warning or error messages.
___ b)   Verify that keytab files were created for all IOS servers in the directory /usr/ecs/<MODE>/CUSTOM/security.

DATABASE:

___ a)   **Review any Workarounds for the Database phase**.
___ b)   Obtain the required database parameters:

IOS – Installation and Configuration (continued)

Table A - Database Parameters

PARAMETER	VALUE
DBO ID, db_user_name	ios_role
Password, db_user_password	<DBO password>
SQL Server Name, server_name	*xxXXXnn*_srvr
Database Name	IoAdAdvService[_<MODE>]

Where **IoAdAdvService** is the database name in OPS mode, and **IoAdAdvService_<MODE>** is the database name in TS1 and TS2.

___ b)   Obtain the current version of the database:
> **isql -S <server_name> -U <db_user_name> -P <db_user_password>**
> **use IoAdAdvService[_<MODE>]**
> **go**
> **select EcDbDropVersion from EcDbDatabaseVersions where EcDbCurrentVersionFlag="Y"**
> **go**
… note the database version name
> **quit**

___ c)   Using EcCoAssist on the **primary** server, execute the **DbBuild** function to create the IOS database.
___ d)   Select file .dbparms within the select a file box, then select **Ok** in the Database Config box.
___ e)   Enter the required parameters in the Database Script Parameters dialogue box.
___ f)   Select **Ok** to start the database build.

VERIFICATION:
___ a)   Review the file EcInDbBuild.log in /usr/ecs/<MODE>/CUSTOM/logs for any error or warning
messages.
___ b)   Verify that the current database version is **"IOS DB Database/Drop 4PY.05"**:
> **isql -S <server_name> -U <db_user_name> -P <db_user_password>**
> **use IoAdAdvService[_<MODE>]**
> **go**
> **select EcDbDropVersion from EcDbDatabaseVersions where EcDbCurrentVersionFlag="Y"**
> **go**
… note the database version name
> **quit**
___ c)   Have the DBA verify the database changes through the DbDesc script for this subsystem.

COMPLETE SETUP:

For installations performed **WITHOUT** a full IOS mkcfg:

IOS – Installation and Configuration (continued)

___ a)   Generate the configuration file used by the IOS cgi programs by selecting the EcIoAdCGIProgs option of the EcCoAssist Extensions pull-down menu; enter your site-specific values.

___ b)   Update HTML files:
 Modify the Earth Science Online Directory HTML files by selecting the EcIoAdSiteSpecific option of the EcCoAssist Extensions pull-down menu; enter your site-specific values for User Services contact information.

___ c)   Modify Static Web Parameters:
 Modify the static web parameters by selecting the EcIoAdReplaceHtml option of the EcCoAssist Extensions pull-down menu; enter your site-specific values for User Services contact information.

Verify that the User Registration URLs are correct:

GSFC_USERREGISTRATION =
http://g0ins02u.ecs.nasa.gov:10600/cgi-bin/CLS/EcClWbUr?action=request
LARC_USERREGISTRATION =
 http://l0ins02u.ecs.nasa.gov:10600/cgi-bin/CLS/EcClWbUr?action=request
NSIDC_USERREGISTRATION =
http://n0ins02u.ecs.nasa.gov:10600/cgi-bin/CLS/EcClWbUr?action=request
EDC_USERREGISTRATION   =
http://e0ins02u.ecs.nasa.gov:10600/cgi-bin/CLS/EcClWbUr?action=request

If the Netscape Server is not installed:
___ a)   Netscape Server Installation for IOS
        NOTE: This process requires UNIX superuser privileges.

If you determined in the **Installation** section that the Netscape Server for this mode needs to be installed:

1) Generate a site-specific *obj.conf* file from the **EcIoAdConfig** option of the EcCoAssist **Extensions** pull-down menu.
2) Move the *obj.conf* file to the location needed by the Netscape Server:

        cd /usr/ecs/<MODE>/CUSTOM/WWW/IOS/config
        cp obj.conf /usr/ecs/**OPS**/COTS/ns-home/https-<SERVER_NAME>_IOS_<MODE>/config/obj.conf
        where:
                <MODE> is the current mode (OPS, TS1, or TS2)
                <SERVER_NAME> is the host name of the primary IOS server

2) Start Netscape with the following command:
netscape http://<host-name>:<netscape-admin-port>

3) Netscape will display a **login** pop-up. Enter the Netscape admin user id and the admin user password, then select **ok**. A new web page is displayed.
4) Select Install a new Netscape Enterprise Server. A new web page is displayed.
5) Enter the following values in the text fields:
•   Server Port: <USER_REG_PORT>

IOS – Installation and Configuration (continued)

- Server Identifier: <host-name>_IOS_TS2
- Document Root: /usr/ecs/<MODE>/CUSTOM/WWW/IOS

6) When the values have been entered, select **ok**. A Success web page should appear.

7) Select Configure more about your new server and then select **Apply** (located in top right corner).

START SERVERS:

___ a)   SHARED mode must be installed before starting any servers.

___ b)   For the initial startup, use the "start" function of the ECS Assistant Subsystem Manager to start your servers. EcCoAssist should be running as user **<server_name>** to start servers.

___ c)   Click **start** at the Component level; all servers should start.

___ d)   During the initial period (before HPOV is configured), use the "monitor" button of the ECS Assistant Subsystem Manager to monitor server status.

VERIFICATION

___ a)   Verify that the server(s) stay up for at least one minute.

___ b)   Check the server logs for any error messages indicating that the startup may have failed.

START GUIS:

___ a)   N/A

POST-INSTALLATION:

___ e)   Compare the installed configuration with the site-specific HW/SW baseline to verify the installation.

WORKAROUNDS:

INSTALLATION

___ a)   N/A

MAKE CONFIGURATION

___ a)   N/A

DATABASES

___ a)   ECSed23494: Table EcDbDatabaseVersions is not created by the DbBuild. The older version table, IoAdDbVersions, is created. To check the database version, enter the following commands:

```
> isql  -S <server_name>  -U <db_user_name>  -P <db_user_password>
> use  IoAdAdvService[_<MODE>]
> go
> select IoDbVersion from IoAdDbVersions where CurrentVersion="Y"
> go
… note the database version name
> quit
```

IOS – Installation and Configuration (continued)

<u>COMPLETE SETUP</u>
___ a)   N/A

INSTALLATION NOTES:

___ a)   N/A

10 MSS

10.1   MSS – SHARED Mode: MSS Client
None.

10.2   MSS – SHARED Mode: Mode Manager
None.

10.3   MSS – SHARED Mode: COTS Custom Components
These procedures are order-dependent. Each individual step should be completed before the follow-on step is attempted for Install, Make Configuration, Make CDS Entries, Databases, and Complete Setup.

Replace all occurrences of the string <MODE> with the mode into which you are performing the installation i.e. TS1, TS2 or OPS. Replace all occurrences of <stage_directory_location> with the path name of the staging directory provided to you by the installation lead.

PREREQUISITES:

___ a)   Read and familiarize yourself with the document "How To Use The ECS Assistant."

___ b)   Review the instructions for your type of installation (usually a normal staged installation).

___ c)   Review build plan for new capabilities and procedures.

___ d)   Review site map file for additions/deletions/changes to the installed configuration.

___ e)   Review HW/SW mapping for additions/deletions/changes to the installed configuration.

___ f)   Review mount point diagram and verify mount points (if applicable to your subsystem).

___ g)   Obtain the site-specific user account names, passwords, and groups required to perform the installation and checkout. This will include any or all of the <build_account>, <dce_login>, <dce_admin>, and <server_manager> accounts, the <server_group>, and the <db_password>.

___ h)   Obtain the staging area directory path name from the installation lead. This should include the architecture-specific path component (such as SUN, SGI, or HP):
<stage_directory_location> =_____

INSTALL:

INSTALLATION:

___ i)   **Review any workarounds for the Install phase**.

___ j)   **Review any Special Instructions for the Install phase**.

___ k)   Identify primary and secondary installation hosts (per site map).

___ l)   Identify the software packages to be installed on this host (per site map).

___ m)   If this is a full system delivery, verify that the Installation Lead has cleaned out the mode on this host.

___ n)   Using EcCoAssist, perform a normal staged installation for the appropriate target architecture (Sun, HP, SGI) for the following component(s) on each primary and secondary host:

For 5A Epsilon, Install in SHARED mode ONLY:
EcMsTt

MSS – Installation and Configuration (continued)

NOTE: The MSS COTS Custom component software is only installed on the mode management host.

SPECIAL INSTALLATION INSTRUCTIONS:
It may be necessary to stop HP OpenView during the installation process. If you attempt an installation, and it fails with a message such as " File table overflow", you will need to shut down HPOV for the duration of the install, and restart it when the installation is complete. You must be the UNIX Superuser to stop HPOV:

su
cd /usr/OV/bin
./ovstop
exit

You may verify that HPOV has been stopped with the command:

cd /usr/OV/bin
./ovstatus

Superuser privileges are not required to execute *ovstatus*

VERIFICATION
___ o)   Subsystem icon indicates a successful installation ("green light")
___ p)   Review the Results window of the ECS Assistant Subsystem Manager for any warning or error
        messages.

MAKE CONFIGURATION:
___ q) N/A

MAKE CDS ENTRIES:
___ r) N/A

DATABASE:
___ s) N/A

START SERVERS:
___ t) If HP OpenView was stopped during the Installation phase, it will need to be restarted. UNIX Superuser privileges are required to start HPOV:
        su
        cd /usr/OV/bin
        ./ovstart

MSS – Installation and Configuration (continued)

You may check the status of HPOV with the *ovstatus* command:

```
cd /usr/OV/bin
./ovstatus
```

___ u)   SHARED mode must be installed before starting any servers.

___ v)   For the initial startup, use the "start" function of the ECS Assistant Subsystem Manager to start your servers. EcCoAssist should be running as user **<server_name>** to start servers.

___ w)   Click **start** at the Component level; all servers should start.

___ x)   During the initial period (before HPOV is configured), use the "monitor" button of the ECS Assistant Subsystem Manager to monitor server status.

VERIFICATION

___ y)   Verify that the server(s) stay up for at least one minute.

___ z)   Check the server logs for any error messages indicating that the startup may have failed.

START GUIS:

From the command line, start the GUIs which are a part of your component on the appropriate host(s):

For Tivoli:
1)   Make sure that the Tivoli user account exists
2)   Set up the runtime environment:
source /etc/Tivoli/setup_env.csh

COMPLETE SETUP:

___ a)   N/A

POST-INSTALLATION:

___ b)   Compare the installed configuration with the site-specific HW/SW baseline to verify the installation.

WORKAROUNDS:

INSTALLATION
___ c)   N/A

MAKE CONFIGURATION
___ d)   N/A

MAKE CDS ENTRIES
___ e)   ECSed16519: Manually create the keytab file for EcMsTtTroubleTicket

```
dce_login <DCE_LOGIN> <DCE_PASSWORD>
rgy_edit
ktadd -p <SERVER_NAME> -pw <SERVER_PASSWORD> -f /usr/ecs/SHARED/CUSTOM/security/EcMsTtTroubleTicket.keyfile
ktlist -p <SERVER_NAME> -f /usr/ecs/SHARED/CUSTOM/security
quit
kdestroy
exit
```

where:

<DCE_LOGIN> is your DCE login account name
<DCE_PASSWORD> is your DCE account password
<SERVER_NAME> is the name of the server application, such as EcMsAgDeputy
<SERVER_PASSWORD> is the password assigned to the server principal

DATABASES
___ f)   N/A

COMPLETE SETUP
___ g)   N/A

INSTALLATION NOTES:
___ h)   N/A

10.1 MSS - Accountability

These procedures are order-dependent. Each individual step should be completed before the follow-on step is attempted for Install, Make Configuration, Make CDS Entries, Databases, and Complete Setup.

Replace all occurrences of the string <MODE> with the mode into which you are performing the installation i.e. TS1, TS2 or OPS. Replace all occurrences of <stage_directory_location> with the path name of the staging directory provided to you by the installation lead.

PREREQUISITES:
___ a)   Read and familiarize yourself with the document "How To Use The ECS Assistant."
___ b)   Review the instructions for your type of installation (usually a normal staged installation).
___ c)   Review build plan for new capabilities and procedures.
___ d)   Review site map file for additions/deletions/changes to the installed configuration.
___ e)   Review HW/SW mapping for additions/deletions/changes to the installed configuration.
___ f)   Review mount point diagram and verify mount points (if applicable to your subsystem).
___ g)   Obtain the site-specific user account names, passwords, and groups required to perform the installation and checkout. This will include any or all of the <build_account>, <dce_login>, <dce_admin>, and <server_manager> accounts, the <server_group>, and the <db_password>.

MSS – Installation and Configuration (continued)

___ h) Obtain the staging area directory path name from the installation lead. This should include the architecture-specific path component (such as SUN, SGI, or HP):
<stage_directory_location> =_____

INSTALL:

INSTALLATION:
___ i) **Review any workarounds for the Install phase.**
___ j) **Review any Special Instructions for the Install phase**.
___ k) Identify primary and secondary installation hosts (per site map).
___ l) Identify the software packages to be installed on this host (per site map).
___ m) If this is a full system delivery, verify that the Installation Lead has cleaned out the mode on this host.
___ n) Using EcCoAssist, perform a normal staged installation for the appropriate target architecture (Sun, HP, SGI) for the following component(s) on each primary and secondary host:

EcMsAc
EcMsDb

NOTE: The MSS Accountability software (EcMsAc) and MSS database (EcMsDb) are installed in each operating mode of the ECS (such as OPS, TS1, and TS2), not in the SHARED mode. The software is installed on the primary Accountability host.

VERIFICATION
___ o) Subsystem icon indicates a successful installation ("green light")
___ p) Review the Results window of the ECS Assistant Subsystem Manager for any warning or error messages.

MAKE CONFIGURATION:

___ q) **Review any Workarounds for the Make Configuration phase**.
___ r) For EcMsAc only, execute the mkcfg function of EcCoAssist on each **primary** host, using either the Configurable Parameters table provided with the Release documentation (if available), or the configurable parameter values from your previous installation configuration.
___ s) Verify that the xxx.CFG, xxx.ACFG, and xxx.PCFG files have a group membership of <server_group>.

NEW OR CHANGED CONFIGURABLE PARAMETERS FOR THIS RELEASE:
N/A

VERIFICATION:
___ t) Check that all MSS CFG, ACFG, and PCFG files were updated during the mkcfg process
___ u) Verify that mode-specific parameters contain the correct mode identifier

MSS – Installation and Configuration (continued)

MAKE CDS ENTRIES:

___ v)   Using EcCoAssist, execute the mkcdsentry function on the **primary** server.

___ w)

VERIFICATION:

___ x)   Review the Results window of the ECS Assistant for any warning or error messages.

___ y)   Verify that keytab files were created for all MSS servers in the directory /usr/ecs/<MODE>/CUSTOM/security.

DATABASE:

___ z)   **Review any Workarounds for the Database phase**.

___ aa)   Obtain the required database parameters:

Table A - Database Parameters

PARAMETER	VALUE
DBO ID, db_user_name	mss_role
Password, db_user_password	<DBO password>
SQL Server Name, server_name	*xxXXXnn*_srvr
Database Name	mss_acct_db[_<MODE>]

Where **mss_acct_db** is the database name in OPS mode, and **mss_acct_db_<MODE>** is the database name in TS1 and TS2.

___ b)   Obtain the current version of the database:

> **isql -S <server_name> -U <db_user_name> -P <db_user_password>**
> **use mss_acct_db[_<MODE>]**
> **go**
> **select EcDbDropVersion from EcDbDatabaseVersions where EcDbCurrentVersionFlag="Y"**
> **go**
… note the database version name
> **quit**

___ c)   Using EcCoAssist on the **primary** server, execute the **DbBuild** function for the EcMsDb component to create the MSS database.

___ d)   Select file .dbparms within the select a file box, then select **Ok** in the Database Config box.

___ e)   Enter the required parameters in the Database Script Parameters dialogue box.

___ f)   Select **Ok** to start the database build.

VERIFICATION:

___ g)   Review the file EcMsDbBuild.log in /usr/ecs/<MODE>/CUSTOM/logs for any error or warning messages.

___ h)   Verify that the current database version is **"Drop 5A"**:
> **isql -S <server_name> -U <db_user_name> -P <db_user_password>**
> **use mss_acct_db[_<MODE>]**
> **go**
> **select EcDbDropVersion from EcDbDatabaseVersions where EcDbCurrentVersionFlag="Y"**
> **go**
… note the database version name
> **quit**

___ i)   Have the DBA verify the database changes through the DbDesc script for this subsystem.

START SERVERS:

___ j)   SHARED mode must be installed before starting any servers.
___ k)   For the initial startup, use the "start" function of the ECS Assistant Subsystem Manager to start your servers. EcCoAssist should be running as user <server_name> to start servers.
___ l)   Click start at the Component level; all servers should start.
___ m)   During the initial period (before HPOV is configured), use the "monitor" button of the ECS Assistant Subsystem Manager to monitor server status.

VERIFICATION
___ n)   Verify that the server(s) stay up for at least one minute.
___ o)   Check the server logs for any error messages indicating that the startup may have failed.

START GUIs:

___ p)   From the command line, start the GUIs which are a part of your component on the appropriate host(s):

cd/usr/ecs/<MODE>/CUSTOM/utilities
EcMsAcRegUserGUIStart <MODE>
EcMsAcOrderGUIStart <MODE>

COMPLETE SETUP:

___ q)   N/A

POST-INSTALLATION:

___ r)   Compare the installed configuration with the site-specific HW/SW baseline to verify the installation.

WORKAROUNDS:

INSTALLATION
___ s)   N/A

MSS – Installation and Configuration (continued)

MAKE CONFIGURATION

___ t) ECSed18227: If the accountability servers or GUIs fail to start, and there are no error messages in the logs or issued to the screen, check the configuration file and verify the following values:

> AppLogLevel=0
> DebugLevel=3

DATABASES

___ u) N/A

COMPLETE SETUP

___ v) N/A

INSTALLATION NOTES:

___ w) N/A

10.1 MSS – COMMON PACKAGE (HPOV)

None.

10.1 MSS – DATABASE SCRIPTS

These procedures are order-dependent. Each individual step should be completed before the follow-on step is attempted for Install, Make Configuration, Make CDS Entries, Databases, and Complete Setup.

Replace all occurrences of the string <MODE> with the mode into which you are performing the installation i.e. TS1, TS2 or OPS. Replace all occurrences of <stage_directory_location> with the path name of the staging directory provided to you by the installation lead.

PREREQUISITES:

___ a) Read and familiarize yourself with the document "How To Use The ECS Assistant."

___ b) Review the instructions for your type of installation (usually a normal staged installation).

___ c) Review build plan for new capabilities and procedures.

___ d) Review site map file for additions/deletions/changes to the installed configuration.

___ e) Review HW/SW mapping for additions/deletions/changes to the installed configuration.

___ f) Review mount point diagram and verify mount points (if applicable to your subsystem).

___ g) Obtain the site-specific user account names, passwords, and groups required to perform the installation and checkout. This will include any or all of the <build_account>, <dce_login>, <dce_admin>, and <server_manager> accounts, the <server_group>, and the <db_password>.

___ h) Obtain the staging area directory path name from the installation lead. This should include the architecture-specific path component (such as SUN, SGI, or HP):
<stage_directory_location> =_____

MSS – Installation and Configuration (continued)

INSTALL:

INSTALLATION:

___ a)   **Review any workarounds for the Install phase**.

___ b)   **Review any Special Instructions for the Install phase**.

___ c)   Identify primary and secondary installation hosts (per site map).

        NOTE: The MSS database scripts are installed on all Sybase Server hosts.

___ d)   Identify the software packages to be installed on this host (per site map).

___ e)   If this is a full system delivery, verify that the Installation Lead has cleaned out the mode on this host.

___ f)   Using EcCoAssist, perform a normal staged installation for the appropriate target architecture (Sun, HP, SGI) for the following component(s) on each primary and secondary host:

EcDbDdm

        NOTE: The EcDbDdm component is installed **ONLY** in OPS mode.

VERIFICATION

___ a)   Subsystem icon indicates a successful installation ("green light")

___ b)   Review the Results window of the ECS Assistant Subsystem Manager for any warning or error messages.

MAKE CONFIGURATION:

___ a)   N/A

NEW OR CHANGED CONFIGURABLE PARAMETERS FOR THIS RELEASE:
N/A

MAKE CDS ENTRIES:

___ a) N/A.

DATABASE:

___ a) N/A

START SERVERS:

___ a) N/A

START GUIS:

___ a) N/A

COMPLETE SETUP:

___ a) Verify that a UNIX *cron* job exists to periodically execute the database scripts.

MSS – Installation and Configuration (continued)

POST-INSTALLATION:

    ___ a)   Compare the installed configuration with the site-specific HW/SW baseline to verify the installation.

WORKAROUNDS:

    INSTALLATION

    ___ a)   ECSed21106: Correct site map (/usr/ecs/<MODE>/CUSTOM/.sitemap) for EcDbDdm installation hosts:

        EDC:
        Add: e0ass03

        GSFC:
        Updates have been made as of 5A_Epsilon

        LaRC:
        Add: l0msh22

        Delete: l0sps04

        NSIDC:
        Add: n0msh10

    ___ b)   ECSed21345: Change email addresses in EcCoDbSyb_DboMail to reflect local DBA email addresses.

        cd /usr/ecs/OPS/CUSTOM/dbms/COM/DBAdmin
        vi EcCoDbSyb_DboMail
        … change evidal@eos.hitc.com to your DBA email address(es)

    MAKE CONFIGURATION

    ___ a)   N/A

    DATABASES

    ___ a)   N/A

    COMPLETE SETUP

    ___ a)   N/A

INSTALLATION NOTES:

    ___ a)   N/A

PLS – Installation and Configuration

11 PLS

11.1   PLS – Servers and GUIs

These procedures are order-dependent. Each individual step should be completed before the follow-on step is attempted for Install, Make Configuration, Make CDS Entries, Databases, and Complete Setup.

Replace all occurrences of the string <MODE> with the mode into which you are performing the installation i.e. TS1, TS2 or OPS. Replace all occurrences of <stage_directory_location> with the path name of the staging directory provided to you by the installation lead.

PREREQUISITES:

___ a)   Read and familiarize yourself with the document "How To Use The ECS Assistant."
___ b)   Review the instructions for your type of installation (usually a normal staged installation).
___ c)   Review build plan for new capabilities and procedures.
___ d)   Review site map file for additions/deletions/changes to the installed configuration.
___ e)   Review HW/SW mapping for additions/deletions/changes to the installed configuration.
___ f)   Review mount point diagram and verify mount points (if applicable to your subsystem).
___ g)   Obtain the site-specific user account names, passwords, and groups required to perform the installation and checkout. This will include any or all of the <build_account>, <dce_login>, <dce_admin>, and <server_manager> accounts, the <server_group>, and the <db_password>.
___ h)   Obtain the staging area directory path name from the installation lead. This should include the architecture-specific path component (such as SUN, SGI, or HP):
<stage_directory_location> =_____

INSTALL:

<u>INSTALLATION:</u>
___ a)   **Review any workarounds for the Install phase**.
___ b)   **Review any Special Instructions for the Install phase**.
___ c)   Identify primary and secondary installation hosts (per site map).
___ d)   Identify the software packages to be installed on this host (per site map).
___ e)   If this is a full system delivery, verify that the Installation Lead has cleaned out the mode on this host.
___ f)   Using EcCoAssist, perform a normal staged installation for the appropriate target architecture (Sun, HP, SGI) for the following component(s) on each primary and secondary host:

EcPl

<u>VERIFICATION</u>
___ a)   Subsystem icon indicates a successful installation ("green light")
___ b)   Review the Results window of the ECS Assistant Subsystem Manager for any warning or error messages.

PLS – Installation and Configuration (continued)

MAKE CONFIGURATION:

   ___ a)   **Review any Workarounds for the Make Configuration phase.**

   ___ b)   Execute the mkcfg function of EcCoAssist on each **primary** host, using either the Configurable Parameters table provided with the Release documentation (if available), or the configurable parameter values from your previous installation configuration.

   ___ c)   Verify that the xxx.CFG, xxx.ACFG, and xxx.PCFG files have a group membership of <server_group>.

NEW OR CHANGED CONFIGURABLE PARAMETERS FOR THIS RELEASE:

Two new parameters have been added:

Parameter	Recommended Value
AcceptableCertainty	0.2
MaxSlippagePerc	0.5

VERIFICATION:

   ___ a)   Check that all PLS CFG, ACFG, and PCFG files were updated during the mkcfg process

   ___ b)   Verify that mode-specific parameters contain the correct mode identifier

MAKE CDS ENTRIES:

   ___ a)   Using EcCoAssist, execute the mkcdsentry function only on the **primary** server.

   ___ b)   If necessary, set the group membership on the keytab files to <server_group>.

VERIFICATION:

   ___ a)   Review the Results window of the ECS Assistant for any warning or error messages.

   ___ b)   Verify that keytab files were created for all PLS servers in the directory /usr/ecs/<MODE>/CUSTOM/security.

DATABASE:

   ___ a)   **Review any Workarounds for the Database phase**.

   ___ b)   Obtain the required database parameters.

Table B - Database Parameters

PARAMETER	VALUE
DBO ID, db_user_name	pdps_role
Password, db_user_password	<DBO password>
SQL Server Name, server_name	*xxXXXnn*_srvr
Database Name	pdps[_<MODE>]

PLS – Installation and Configuration (continued)

Where **pdps** is the database name in OPS mode, and **pdps_<MODE>** is the database name in TS1 and TS2.

___ b)   Obtain the current version of the database:
> **isql -S <server_name> -U <db_user_name> -P <db_user_password>**
> **use pdps[_<MODE>]**
> **go**
> **select EcDbDropVersion from EcDbDatabaseVersions where EcDbCurrentVersionFlag="Y"**
> **go**
… note the database version name
> **quit**

___ d)   Using EcCoAssist on the **<u>planning workstation</u>** (not the planning server), execute the **DbBuild** function to create the PLS PDPS database.

___ e)   If a "select a file" box appears, select file .dbparms, then select **Ok** in the Database Config box.

___ f)   Enter the required parameters in the Database Script Parameters dialogue box.

___ g)   Select **Ok** to start the database build.

<u>VERIFICATION:</u>

___ a)   Review the file EcPlDbBuild.log in /usr/ecs/<MODE>/CUSTOM/logs for any error or warning messages.

___ b)   Verify that the current database version is **"5A.03 (gamma)"**:
> **isql -S <server_name> -U <db_user_name> -P <db_user_password>**
> **use pdps[_<MODE>]**
> **go**
> **select EcDbDropVersion from EcDbDatabaseVersions where EcDbCurrentVersionFlag="Y"**
> **go**
… note the database version name
> **quit**

___ c)   Have the DBA verify the database changes through the DbDesc script for this subsystem.

START SERVERS:

___ a)   SHARED mode must be installed before starting any servers.

___ b)   For the initial startup, use the "start" function of the ECS Assistant Subsystem Manager to start your servers. EcCoAssist should be running as user **<server_name>** to start servers.

___ c)   Click **start** at the Component level; all servers should start.

___ d)   During the initial period (before HPOV is configured), use the "monitor" button of the ECS Assistant Subsystem Manager to monitor server status.

<u>VERIFICATION</u>

___ a)   Verify that the server(s) stay up for at least one minute.

___ b)   Check the server logs for any error messages indicating that the startup may have failed.

PLS – Installation and Configuration (continued)

START GUIS:

  ___ a) From the command line, start the GUIs which are a part of your component on the appropriate host(s).

     To start the Resource Manager GUIs:

     cd /usr/ecs/<MODE>/CUSTOM/utilities
     EcPlRpAllStart <MODE> <MSGSRV_ID>
     EcPlRpReStart <MODE> <MSGSRV_ID>
     EcPlRpSiStart <MODE> <MSGSRV_ID>

     To kill the resource planning background processes after exiting the GUIS:
     EcPlRpSlayAll <MODE> <MSGSRV_ID>

     To start the Planning GUIs:

     cd /usr/ecs/<MODE>/CUSTOM/utilities
     dce_login <dce_user_name> <dce_password>
     EcPlPRE_IFStart <MODE>
     kdestroy
     exit

     EcPlSomeStart <MODE> <MSGSRV_ID>
     EcPlProdStratStart <MODE> <MSGSRV_ID>
     EcPlTlStart <MODE> <MSGSRV_ID>
     EcPlWbStart <MODE> <MSGSRV_ID>

    To kill the planning background processes after exiting the GUIS:
     EcPlSlayAll <MODE> <MSGSRV_ID>

COMPLETE SETUP:

  ___ a)   **Review any Workarounds for the Complete Setup phase**.
  ___ b)   If the PDPS database has been rebuilt, enter the appropriate hardware resources for this mode.

POST-INSTALLATION:

  ___ a)   Compare the installed configuration with the site-specific HW/SW baseline to verify the installation.

WORKAROUNDS:

  <u>INSTALLATION</u>
  ___ a) N/A

PLS – Installation and Configuration (continued)

    <u>MAKE CONFIGURATION</u>
    ___ a) N/A

    <u>DATABASES</u>
    ___ a) N/A

    <u>COMPLETE SETUP</u>
    ___ a) N/A

INSTALLATION NOTES:

    ___ a) The following .CFG files need manual changes if you need to set **DBModeOverride** to a database name other than the mode name:

      EcPlRm.CFG

      EcPlWb.CFG

      EcPlPREditor.CFG
      EcPlTl.CFG

TOOLKIT – Installation and Configuration
12 TOOLKIT

12.1 TOOLKIT – SGI

These procedures are order-dependent. Each individual step should be completed before the follow-on step is attempted for Install, Make Configuration, Make CDS Entries, Databases, and Complete Setup.

Replace all occurrences of the string <MODE> with the mode into which you are performing the installation i.e. TS1, TS2 or OPS. Replace all occurrences of <stage_directory_location> with the path name of the staging directory provided to you by the installation lead.

PREREQUISITES:

___ a)		Read and familiarize yourself with the document "How To Use The ECS Assistant."
___ b)		Review the instructions for your type of installation (usually a normal staged installation).
___ c)		Review build plan for new capabilities and procedures.
___ d)		Review site map file for additions/deletions/changes to the installed configuration.
___ e)		Review HW/SW mapping for additions/deletions/changes to the installed configuration.
___ f)		Review mount point diagram and verify mount points (if applicable to your subsystem).
___ g)		Obtain the site-specific user account names, passwords, and groups required to perform the installation and checkout. This will include any or all of the <build_account>, <dce_login>, <dce_admin>, and <server_manager> accounts, the <server_group>, and the <db_password>.
___ h)		Obtain the staging area directory path name from the installation lead. This should include the architecture-specific path component (such as TOOLKIT): <stage_directory_location> =_____

INSTALL:

INSTALLATION:

___ a)		**Review any workarounds for the Install phase**.
___ b)		**Review any Special Instructions for the Install phase**.
___ c)		Identify primary and secondary installation hosts (per site map).
___ d)		Identify the software packages to be installed on this host (per site map).
___ e)		The TOOLKIT **must** be a clean install every time. If this is a full system delivery, verify that the Installation Lead has cleaned out the mode on this host. If the mode is **not** being cleaned out at this delivery, you must manually delete all TOOLKIT components prior to starting the install (refer to the *Removing TOOLKIT Components* section of the **Installation Notes**).

NOTE: If the version of AAdata has not changed at this release, you may save time performing the SGI installation if you do NOT delete the AAdata directory, and set InstallAAdata to False in the mkcfg phase

___ f)		Using EcCoAssist, perform a normal staged installation for the appropriate target architecture (TOOLKIT) for the following component(s) on each primary and secondary host:

EcTk

___ g)		Select package EcTkToolkit.pkg

TOOLKIT – Installation and Configuration (continued)

<u>VERIFICATION</u>
___ a) Subsystem icon indicates a successful installation ("green light")
___ b) Review the Results window of the ECS Assistant Subsystem Manager for any warning or error
messages.

MAKE CONFIGURATION:
___ a) **Review any Workarounds for the Make Configuration phase**.
___ b) Execute the mkcfg function of EcCoAssist on each **<u>primary</u>** host, using either the Configurable Parameters table provided with the
Release documentation (if available), or the configurable parameter values from your previous installation configuration.

Reminder: Parameter **SunOnlyTarFile** <u>must</u> be set to **False**.

<u>NEW OR CHANGED CONFIGURABLE PARAMETERS FOR THIS RELEASE:</u>
N/A

<u>VERIFICATION:</u>
___ a) Check that all TOOLKIT CFG, ACFG, and PCFG files were updated during the mkcfg process
___ b) Verify that mode-specific parameters contain the correct mode identifier

MAKE CDS ENTRIES:
___ a) N/A

DATABASE:
___ a) N/A

START SERVERS:
___ a) N/A

START GUIs:
___ a) N/A

COMPLETE SETUP:
___ a) Update the utcpole.dat and leapsec.dat files (see the *Updating the utcpole.dat And leapsec.dat Files*
section of the Installation Notes for a description of the update process).

POST-INSTALLATION:
___ a) Compare the installed configuration with the site-specific HW/SW baseline to verify the installation.

TOOLKIT – Installation and Configuration (continued)

WORKAROUNDS:

        INSTALLATION
        ___ a)   N/A

        MAKE CONFIGURATION
        ___ a)   N/A

        DATABASES
        ___ a)   N/A

        COMPLETE SETUP
        ___ a)   N/A

INSTALLATION NOTES:

1.   Support for **UseOldInstallMethod=TRUE** will be removed in a future release.

2.   Removing TOOLKIT Components:
To remove all TOOLKIT components and ensure a clean installation, enter the following commands:

        cd /usr/ecs/<MODE>/CUSTOM
        rm -rf TOOLKIT HDF HDFEOS toolkit daac_toolkit_f77
        … optionally also remove the AAdata directory
        cd utilities
        rm EcTk*Mkcfg

        For sites using **UseOldInstallMethod=TRUE**, you must also remove any remaining DAAC and SCF toolkit links.

3.   Updating the utcpole.dat And leapsec.dat Files:
The Toolkit support files utcpole.dat and leapsec.dat need to be updated regularly, using the scripts provided with the Toolkit delivery. The first update should be performed at installation time. It is up to the site to put a regular update process (such as through a UNIX *cron* job) in place.

The examples in this section assume that the "new" Toolkit install method was used at configuration time. If you used the "old" install method, the top-level Toolkit directory name should be changed accordingly. (For example, *TOOLKIT/toolkit/bin/sgi* would be *daac_toolkit_f77/TOOLKIT/bin/sgi*.)

The utcpole.dat and leapsec.dat files reside in a data area common to all installed Toolkits. The update scripts only need to be run once on each Toolkit host, and they may be run from the *bin/<architecture>* directory of any installed Toolkit.

The delivered update scripts will only run on a science processor with a dual interface (a "u" interface).

TOOLKIT – Installation and Configuration (continued)

The user account performing the update must have write permission in the Toolkit directories

On a dual interface science processor host:

> cd /usr/ecs/<MODE>/CUSTOM/TOOLKIT/toolkit/bin/sgi
> source pgs-env.csh
> update_leapsec.sh
> … the following messages will be issued at successful completion:
> > Status of PGS_TD_NewLeap call was (0)
> > Status of MOVE command was (0)
>
> update_utcpole.sh
> … the following messages will be issued at successful completion:
> > Status of PGS_CSC_UT1_Update was (0)
> > Status of MOVE command was (0)

If you have additional science processors without a dual interface, you must ftp the updated files from the first science processor to the others manually. From the dual interface host:

> cd /usr/ecs/<MODE>/CUSTOM/TOOLKIT/toolkit/database/common
> ftp *xx*spg*nn*
> …enter build account user name (or another account with write access to the TD and CSC directories)
> …enter user password
> >cd /usr/ecs/<MODE>/CUSTOM/TOOLKIT/toolkit/database/common
> >put TD/leapsec.dat
> >put CSC/utcpole.dat
> >quit

V0C – Installation and Configuration
13 V0 Client

13.1   V0C – Servers and GUIs

These procedures are order-dependent. Each individual step should be completed before the follow-on step is attempted for Install, Make Configuration, Make CDS Entries, Databases, and Complete Setup.

Replace all occurrences of the string <MODE> with the mode into which you are performing the installation i.e. TS1, TS2 or OPS. Replace all occurrences of <stage_directory_location> with the path name of the staging directory provided to you by the installation lead.

PREREQUISITES:

   ___ a)   Read and familiarize yourself with the document "How To Use The ECS Assistant."

   ___ b)   Review the instructions for your type of installation (usually a normal staged installation).

   ___ c)   Review build plan for new capabilities and procedures.

   ___ d)   Review site map file for additions/deletions/changes to the installed configuration.

   ___ e)   Review HW/SW mapping for additions/deletions/changes to the installed configuration.

   ___ f)   Review mount point diagram and verify mount points (if applicable to your subsystem).

   ___ g)   Obtain the site-specific user account names, passwords, and groups required to perform the installation and checkout. This will include any or all of the <build_account>, <dce_login>, <dce_admin>, and <server_manager> accounts, the <server_group>, and the <db_password>.

   ___ h)   Obtain the staging area directory path name from the installation lead. This should include the architecture-specific path component (such as SUN, SGI, or HP):
<stage_directory_location> =_____

INSTALL:

INSTALLATION:

   ___ a)   **Review any workarounds for the Install phase**.

   ___ b)   **Review any Special Instructions for the Install phase**.

   ___ c)   Identify primary and secondary installation hosts (per site map).

   ___ d)   Identify the software packages to be installed on this host (per site map

   ___ e)   If desired, save the current .cfgparms file.

   ___ f)   If this is a full system delivery, verify that the Installation Lead has cleaned out the mode on this host.

   ___ g)   Using EcCoAssist, perform a normal staged installation for the appropriate target architecture (Sun, HP, SGI) for the following component(s) on each primary and secondary host:

       EcVc

VERIFICATION

   ___ a)   Subsystem icon indicates a successful installation ("green light")

   ___ b)   Review the Results window of the ECS Assistant Subsystem Manager for any warning or error messages.

V0C – Installation and Configuration (continued)

MAKE CONFIGURATION:

    ___ a) **Review any Workarounds for the Make Configuration phase**.

    ___ b) Execute the mkcfg function of EcCoAssist on each primary host, using either the Configurable Parameters table provided with the Release documentation (if available), or the configurable parameter values from your previous installation configuration.

    ___ c) Verify that the xxx.CFG, xxx.ACFG, and xxx.PCFG files have a group membership of <server_group>.

NEW OR CHANGED CONFIGURABLE PARAMETERS FOR THIS RELEASE:

N/A

SPECIAL INSTRUCTIONS FOR V0C CONFIGURATION:

For initial installations, the B0 Search & Order Tool should be run in TEST data mode. The following values are suggested for the configuration parameters:

B0sotDebugLogEnable	=	TRUE
B0sotEndUser	=	FALSE
B0sotDataMode	=	TEST
B0sotMergeEnable	=	TRUE
TestDaacId	=	<your data center name>
TestDaacInternet	=	<your V0C server host>
TestDaacPort	=	<mode-dependent port number>

The values for TestDaacId, TestDaacInternet, and TestDaacPort should be defined in the configurable parameters table for your site for the V0 Client subsystem.

Refer to the section "**Configuration Notes**" for additional information on configuring your system for PREOPS and OPS data modes.

VERIFICATION:

    ___ a)   Check that all V0C CFG, ACFG, and PCFG files were updated during the mkcfg process

    ___ b)   Verify that mode-specific parameters contain the correct mode identifier

MAKE CDS ENTRIES:

    ___ a)   N/A

DATABASE:

    ___ a)   N/A

START SERVERS:

    ___ a)   N/A

V0C – Installation and Configuration (continued)

START GUIS:

    ___ a)   From the command line, start the GUIs which are a part of your component on the appropriate host(s):

    cd   usr/ecs/<MODE>/CUSTOM/bin/V0_Client
    run_bosot.sh <ECS_HOME> <MODE
    … double-click on the B0SOT icon to launch the GUI

COMPLETE SETUP:

    ___ a)   At some point, each mode will need to be configured for the appropriate B0SOT data mode (OPS, PREOPS, or TEST) to reflect its operational data mode. Refer to the "**Configuration Notes**" section for additional information on each data mode.

POST-INSTALLATION:

    ___ a)   Compare the installed configuration with the site-specific HW/SW baseline to verify the installation.

WORKAROUNDS:

INSTALLATION
    ___ a)   N/A

MAKE CONFIGURATION
    ___ a)   N/A

DATABASES
    ___ a)   N/A

COMPLETE SETUP
    ___ a)   N/A

INSTALLATION NOTES:

    ___ a)   N/A

CONFIGURATION NOTES:

Parameter settings are different for real-world operations and test/training. A detailed explanation of these differences follows.

1)   The B0sotDataMode parameter needs to be set to the correct value depending on the manner in which the B0SOT is expecting to be utilized. The B0SOT uses data files that are generated by V0 personnel from valids files that are received periodically from each DAAC. This enables the B0SOT client to access newly available data holdings at each archive. When the B0SOT is invoked, it

contacts a V0 server to determine if updated files are available. If new files are available, they are downloaded and configured prior to running the B0SOT executable. There is an OPS server and a PREOPS server. The OPS server provides access to fully validated and approved files for end-user usage. The PREOPS server provides DAAC personnel access to their new valids for validation purposes prior to making them available to the end-user population.

For DAAC development testing, a test set of files is included in the directory CUSTOM/data/V0_Client/sup_files. When installing, the installer needs to select which value (OPS, PREOPS, TEST) to use as the B0sotDataMode. The selected value is stored in the CUSTOM/cfg/EcVcB0sot.cfg file in the environment variable B0SOT_DATA_MODE.

After installation, the data mode selected at install time can be overridden by changing the value of the B0SOT_DATA_MODE variable in the CUSTOM/cfg/EcVcB0sot.cfg file; by setting the environment variable B0SOT_DATA_MODE to the desired value prior to running the B0SOT startup script; by adding the data mode value as the third argument to the run_bosot.sh script or as the second argument to the EcVcB0sotStart script; by copying the EcVcB0sot.cfg file to $HOME/b0sot/EcVcB0sot.cfg and then modifying the B0SOT_DATA_MODE variable.

2) The B0sotAutoxferEnable parameter is used to indicate whether the V0 support file servers should be contacted for the latest OPS or PREOPS data files when the B0SOT client is run. This value must be set to TRUE to obtain either the OPS or PREOPS files or the B0SOT client will not be able to run properly.

When using the TEST data mode, the automatic transfer capability is disabled by the startup script in order to preserve the test files. When installing, the installer should select FALSE only if they are using a stable set of support files that they do not want updated .

After installation, the automatic transfer capability can be modified by changing the value of the environment variable B0SOT_USE_AUTOXFER in the CUSTOM/cfg/EcVcB0sot.cfg file or by copying the EcVcB0sot.cfg file to $HOME/b0sot/EcVcB0sot.cfg and modifying the B0SOT_USE_AUTOXFER variable.

3) The B0sotMergeEnable parameter is used at install time to generate a test data center entry that will get merged into the standard archive.odl file that is part of the B0SOT data files. The archive.odl file contains a list of the available data centers with their corresponding internet address and port number. If valids for a specific data center have been processed by the V0 personnel and a corresponding entry exists in the archive.odl file, then the valids for that data center will be visible from the B0SOT Search Screen.

However, if valids for a specific DAAC have been processed by the V0 personnel and no corresponding entry exists in the archive.odl file, then none of the valids for that data center will be visible. This last method is how the ECS valids will be handled to support testing. The ECS valids will be incorporated into the normal V0 valids processing, but no entries will be added to the archive.odl file so their valids won't be seen by regular users. By setting the B0sotMergeEnable to TRUE, the TestDaacId, TestDaacInternet, TestDaacPort, and TestDaacGuideSvr parameters are used to generate the EcVcMergeArchive.odl file in the CUSTOM/data/V0_Client directory. The TestDAACId, TestDAACInternet, and TestDaacPort values must correspond to the relevant values used when configuring the V0 Gateway during installation. This EcVcMergeArchive.odl file contains a single

V0C – Installation and Configuration (continued)

DATA_CENTER odl group entry that is merged with the archive.odl file in the appropriate data mode to create a new archive.odl file that will contain the test data center and make the corresponding valids visible from the B0SOT Search Screen.

If the installer is using the TEST data mode, then they should check the existing archive.odl file in the CUSTOM/data/V0_client/sup_files directory to see if it already contains a test entry for ECS-EDC or ECS-TEST with an INTERNET address of dms1.hitc.com and a PORT of 6001. If this exists, then the installer should change the INTERNET and PORT parameters to the correct values in the existing archive.odl file, and set the B0sotMergeEnable parameter to FALSE.

This capability should not be utilized when installing the B0SOT for operational use.

If more than one DAAC needs to be added, manually edit the EdVcMergeArchive.odl file after the Mkcfg process has been run and add another dataset group with the correct values . After installation, the merge capability can be disabled by changing the value of the environment variable B0SOT_MERGE_ENABLE in the CUSTOM/cfg/EcVcB0sot.cfg file; by copying the EcVcB0sot.cfg file to $HOME/b0sot/EcVcB0sot.cfg and modifying the B0SOT_MERGE_ENABLE variable; or by deleting the EcVcMergeArchive.odl file from the CUSTOM/data/V0_Client directory.

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Appendix C. Test Verification

The following SVAT NCR matrix is the final Test report for Release 5A.

Table C-1. Test Report

NCR	Subsystem	S	D	Status	Site	NCR Title
16863	SDSRV	2	V	Verified	VATC	No Notification if Subsetting/Reformatting Fails
17470	MSS	2	V	Verified	EDC	HPOV inconsistent in bringing up/down servers via Mode
17780	MSS	2	T	Verify at site	EDC	ECS assist make configuration files
19034	MSS	2	V	Verified	NSIDC	HP OPENVIEW : Problem with Server Icon State
19035	MSS	2	V	Verified	NSIDC	HP Openview : Server Status is not reliable
19549	INGEST	2	C	Closed	Mini-DAAC	GUI needs to update Request State when a Media Ingest request fails
19705	MSS	2	T	Verify at site	EDC	EcAgManager generates debug messages that are not controlled by PF_* mac
20096	DMS	2	C	Verified	EDC	VOSOT : Two Datatype Search with Time Limit Failed
20355	STMGT	2	C	Closed	GSFC	Anonymous FTP or not anonymous FTP?
20363	DMS	2	C	Closed	EDC	Failed message returned to V0 Client after order submitted
20388	PLS	1	C	Closed	VATC	SubServer : Looses notifications and communication if Sub Mgr down
20408	MSS	2	V	Verified	GSFC	EcMsAcOrderGUI : mss_acct_db recieves a large size of numBytes from DDIST
20515	INGEST	2	V	Verified	LaRC	SAGE3 MOC support required for LDAAC testing
20530	DPS	2	C	Closed	EDC	DPS : PRONMG deadlock in staging
20643	DPS	1	C	Closed	VATC	Destaging can fail but job completes w/ success in Autosys
20690	DDIST	2	V	EDC	Verified	Out of swap space on e0dis02 due to DDIST GUI
20691	CSS	2	C	Closed	EDC	SBSRV GUI require DCE login prior to activating GUI.
20732	STMGT	2	C	VATC	Closed	Staging disk appears full to IngestFTP but is not
20735	DMS	1	V	EDC	Verified	V0ToEcsGateway core dumps during submitting orders
20742	SDSRV	2	C	VATC	Closed	Hdf Server Hangs When SDSRV Terminates
20751	DPS	1	C	Mini-DAAC	Closed	SSIT : Multiple Output Logical IDs can't use same MCF
20752	DPS	2	V	LaRC	Verified	EcDpAtCheckPCF Cannot Find File pctcheck
20786	INGEST	2	V	VATC	Verified	Can't update InExternalDataProviderInfo db table using Ingest GUI

Table C-1. Test Report

NCR	Subsystem	S	D	Status	Site	NCR Title
20787	INGEST	2	V	VATC	Verified	MOD000 and MOD000X not found in Ingest database tables
20789	MSS	2	V	VATC	Verified	The EcInAppStart Script will not the start the EcInServers
20804	STMGT	2	T	GSFC		Archive Server thinks files are incomplete if no Offsite ID is specified
20822	STMGT	2	T	GSFC	Verify at Site	Problems doing an FtpPush
20831	ESDT	2	C	Closed	EDC	FtpDis Server can ftp only one scene at a time
20834	MSS	2	C	VATC	Closed	Install of Valids info from StagingArea not working
20835	IDG	1	V	EDC	Verified	EcDsStArchiveServer not killing child EcUtCopyExec processes
20836	STMGT	2	V	EDC	Verified	Error creating directory in PullMonitor
20882	MSS	2	C	Mini-DAAC	Closed	Bug in EcDpAtMgrStart
20893	SDSRV	1	C	EDC	Closed	SDSRV to HDFServer queue handling
20894	INGEST	1	C	EDC	Closed	Ingest/SDSRV mcf thread seems to hang
20895	STMGT	1	C	EDC	Closed	staging disk allocation miscalculated
20909	SDSRV	2	C	EDC	Closed	MOC script failed to Ftp results to MOC
20914	DMS	2	C	EDC	Closed	Field length too long for V0ToEcs Gateway to handle
20922	CSS	2	C	Closed	GSFC	SBSRV Lost Notifications
21142	DPS	2	V	LaRC	Verified	Job Managment Startup Fails- Error In Consistency Check
21153	PLS	1	T	Mini-DAAC	SCI-Off to Verify	GranuleMatching fails for L0 files < 1 orbit duration
21253	STMGT	2	C	LaRC	Closed	EcDsStConfigVolGrps doesn't properly set up backup volume groups
21266	SDSRV	2	C	EDC	Closed	Science data server core dumped during Staging Disk WARM restart
21272	MSS	2	C	NSIDC	Closed	Install - 4PY - NSIDC can not install HDFEOS Server - no m0wkg01 server
21340	INGEST	1	C	VATC	Closed	Ingest of AST_L1B data fails during Preprocessing
21341	IDG	2	C	VATC	Closed	SBSRV : Not handling date qualifiers correctly
21357	INGEST	2	C	GSFC	Closed	Ingest is duplicating AP_ID's
21387	ESDT	1	C	EDC	Closed	Ordered Landsat 7 scene has inconsistent MTP
21424	MSS	2	C	NSIDC	Closed	Missing Files in 4PY Install of IOS
21474	INGEST	2	V	GSFC	Verified	Incorrect ExpeditedDataType in InDataTypeTemplate where DataType=AST_EXP
21510	PLS	2	C	VATC	Closed	Production Requests Not Deleted
21517	DDIST	2	C	VATC	Closed	Can't Bring Up DDIST GUI for Y2K Testing
21613	INGEST	1	C	GSFC	Closed	GSFC/SMC EcInCopyAM1ANC script fails
21636	INGEST	2	V	VATC	Verified	SCF record in the InExternalDataProviderInfo table has wrong IngestType

Table C-1. Test Report

NCR	Subsystem	S	D	Status	Site	NCR Title
21670	DPS	2	C	Closed	VATC	Disk Allocation entries not cleaned up for multi-file granules
21690	INGEST	2	C	VATC	Closed	Error in DataProvMediaStorageMgmtKey parameter value
21698	INGEST	2	V	Verified	VATC	local/remote dir. structure missing for DDIST, DEM_WS, SAGE_SCF
21731	MSS	2	C	VATC	Closed	Can't start Polling processes on t1acg01
21740	STMGT	2	V	Verified	VATC	FTP Push failed for AST_08 during Y2K testing (NON-Y2K NCR)
21740	STMGT	2	V	VATC	Verified	FTP Push failed for AST_08 during Y2K testing (NON-Y2K NCR)
21765	STMGT	2	C	Closed	EDC	FTP library does not return failure on write error
21765	STMGT	2	V	EDC	Verified	FTP library does not return failure on write error
21772	SDSRV	2	C	EDC	Closed	LST3b.2 OPS MODE StagingDiskServer core dumped on
21781	MSS	2	T	Verify at site	LaRC	HPOV Server Shutdown/Startup Problems
21834	SDSRV	2	V	LaRC	Verified	MISR PGE Staging : Random ESDT Acquire Failure
21836	STMGT	2	C	Mini-DAAC	Closed	EcInGUI core dump when ingest using D3
21851	DPS	2	C	Closed	LaRC	EcDpPrDM : Does not retry after failure to update completion state
21878	INGEST	1	C	Mini-DAAC	Closed	Preprocessing error received for good NCEP04 data
21918	INGEST	2	T	Verify at Site	LaRC	Deadlock in database caused Polling Request failed
21941	DPS	2	C	Closed	VATC	DM : Deadlock on insert - Insert job failed for MODPGE08
21952	SDSRV	2	T	Note # 1	VATC	Y2K : L7 MOC Script Calls 123000 and 123100 Day 366
21963	PLS	1	C	Closed	LaRC	Deadlock - Reduce duration of DPR create transaction
21999	INGEST	2	C	Closed	VATC	Y2K : FDD attitiude data cannot handle day 366 in the filename
22082	SDSRV	2	T	Verify at Site	LaRC	SDSRV has memory leak
22180	SDSRV	2	C	Mini-DAAC	Closed	Full Install of 4PY reveals incorrect attribute values in SDSRV tables
22183	PLS	2	V	LaRC	Verified	SubMgr : receiver queue uuid should be fixed at all times.
22198	INGEST	2	V	VATC	Verified	Staging problem in Ingest for converted datatypes.
22312	ESDT	2	C	Verified	EDC	LST2b.2 (OPS) LPDS/LPGS : MTP format 1 vs. format
22341	INGEST	2	V	Verified	VATC	Error in InSourceMCF table for WKAERSOL (STARTYEAR and ENDYEAR)
22501	DMS	2	C	Closed	EDC	Shipping Address
22511	SDSRV	2	V	Verified	GSFC	GSFC/SMC File name and the corresponding metadata
22555	CSS	2	V	Verified	LaRC	SDSRV has memory leak
22604	DPS	2	C	Closed	GSFC	GSFC/SMC AM-1 DPREP core dumps due to exceeding array bounds.
22610	INGEST	2	V	Verified	EDC	4PX26 : Ingest Request does not fail when machine is unknown.
22629	ESDT	1	V	Verified	EDC	OPS : Scenes from subinterval over pole

Table C-1. Test Report

NCR	Subsystem	S	D	Status	Site	NCR Title
22686	DPS	1	C	Closed	LaRC	Can't run DPREP
22687	SDSRV	2	C	Closed	EDC	4PX26 OPS : MOC script using inappropriate
22755	CSS	1	C	Closed	VATC	ESDT failure for AP and QA ESDTs in the VATC TS1
22767	SDSRV	1	C	Closed	Mini-DAAC	Metadata validation fails when inserting granule
22782	SDSRV	1	C	Closed	VATC	SDSRV DB Missing correct ProcGetFileStorage
22791	CSS	1	V	Verfied	VATC	Static message In EcMpMsgPsngCtrl Constructor
22836	STMGT	1	C	Closed	LaRC	Shared data in DB Connection Manager not protected properly
22881	INGEST	2	V	Verified	GDAAC	GSFC-Cannot poll FDD with interface
22883	INGEST	1	C	Closed	VATC	EMOS polling does not work in the VATC
22901	INGEST	2	V	Verified	EDC	TS2 : 4PY.05 : e0icg01 : InReqMgr cored after startup
23006	INGEST	2	V	Verified	VATC	Preprocessing error for data type g3aeph
23066	STMGT	2	R	Verify at Site	LaRC	Memory leak associated with DsStParameterList
23069	DDIST	2	V	Verified	EDC	4PY : ECS Notification email sent to CUSTOMERS needs instructions
23124	INGEST	1	V	Verified	VATC	Can not verify time range of Definitive Orbit Data matches the time rang
23197	INGEST	2	V	Verified	LaRC	SAGE III PDR Filenames not transferred to subscription filename.
23209	ESDT	2	V	Verified	LaRC	SAGE III PDR Filenames not transferred to subscription Filenames.
23235	SDSRV	2	V	Verified	VATC	sdrv search performance
23239	MSS	2	V	Closed	VATC	Order Tracking Server does not return correct status
23249	INGEST	2	V	Closed	VATC	MODAPS and MOPITT data providers need to be added to EcInMkData

Note #1   Awaiting next series of Y2K tests in VATC

Appendix D. Listings of Tar file Contents

D.1   5A_EPSILON_hp10_19990701_085948_EA.tar.gz

Checksum	Blocksize	Filename
57780	21	/5A_EPSILON_hp10_19990701_085948_Setup.ksh
30201	480	/5A_EPSILON_hp10_19990701_085948_EA.tar.gz
44436	279533	/5A_EPSILON_hp10_19990701_085948_Pkg.tar
8062	8	/CUSTOM/.applications
28203	41	/CUSTOM/.cfgpatch
56711	12	/CUSTOM/.envvars
40008	45	/CUSTOM/.executables
2887	9	/CUSTOM/.hostmap
54168	25	/CUSTOM/.installtypes
13949	129	/CUSTOM/.sitemap
29273	4	/CUSTOM/.subsystems
6567	3	/CUSTOM/WWW/MSS/TtDetBody.tmpl
51946	2	/CUSTOM/WWW/MSS/TtDetBodyMosaic.tmpl
37060	1	/CUSTOM/WWW/MSS/TtDetHeader.tmpl
23317	1	/CUSTOM/WWW/MSS/TtDetHeaderMosaic.tmpl
50161	2	/CUSTOM/WWW/MSS/TtErrorPage.tmpl
23097	1	/CUSTOM/WWW/MSS/TtFooter.tmpl
37197	1	/CUSTOM/WWW/MSS/TtGuestWarning.tmpl
15540	1	/CUSTOM/WWW/MSS/TtListBody.tmpl
19950	1	/CUSTOM/WWW/MSS/TtListBodyMosaic.tmpl
14407	3	/CUSTOM/WWW/MSS/TtListHeader.tmpl
54711	2	/CUSTOM/WWW/MSS/TtListHeaderMosaic.tmpl
17228	4	/CUSTOM/WWW/MSS/TtMenuBody.tmpl
9693	1	/CUSTOM/WWW/MSS/TtNoTroubleTick.tmpl
6858	2	/CUSTOM/WWW/MSS/TtSecViolation.tmpl
37717	5	/CUSTOM/WWW/MSS/TtSubmitPage.tmpl
7899	4	/CUSTOM/WWW/MSS/TtSubmitPageMosaic.tmpl
26640	3	/CUSTOM/WWW/MSS/TtSubmitSuccess.tmpl
12523	4	/CUSTOM/WWW/MSS/picture/BlueBar.gif
8674	1	/CUSTOM/WWW/MSS/picture/RedArrow.gif
9373	2	/CUSTOM/WWW/MSS/picture/bomb2.gif
61609	3	/CUSTOM/WWW/MSS/picture/chalk.jpg
174	7	/CUSTOM/WWW/MSS/picture/eosdislogo.gif
58103	1	/CUSTOM/WWW/MSS/picture/help_32.gif
26899	4	/CUSTOM/WWW/MSS/picture/register_48.gif
57003	2	/CUSTOM/WWW/MSS/picture/trouble_tik_32.gif
37735	4	/CUSTOM/WWW/MSS/picture/trouble_tik_48.gif
35495	3	/CUSTOM/WWW/MSS/picture/trouble_tik_72.gif
62196	300	/CUSTOM/bin/CSS/DarMain
17874	4051	/CUSTOM/bin/CSS/EcSeAuthnProg
25584	763	/CUSTOM/bin/CSS/EcSeLoginProg
28120	9893	/CUSTOM/bin/CSS/EcTiDeltastore
46269	827	/CUSTOM/bin/CSS/ftp_popen
41342	35047	/CUSTOM/bin/MSS/EcMsAgDeputy

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16632      30863    /CUSTOM/bin/MSS/EcMsAgDgCtrl
 7623       3704    /CUSTOM/bin/MSS/EcMsCmEcsd
29553      28214    /CUSTOM/bin/MSS/EcMsCmMibBwsr
20983      27475    /CUSTOM/bin/MSS/EcMsCmModeMgr
28978       5652    /CUSTOM/bin/MSS/EcMsCmOvmap
19802          1    /CUSTOM/cfg/EcMsCmApplFile.CFG
15682          1    /CUSTOM/cfg/EcMsCmLookup.CFG
52619          3    /CUSTOM/cfg/EcMsCmModeMgr.CFG
61620          2    /CUSTOM/cfg/EcMsCmProgFile.CFG
16075          1    /CUSTOM/cfg/EcMsCmServFile.CFG
44747      34816    /CUSTOM/cgi-bin/MSS/MsTtHTMLItems
23242      33796    /CUSTOM/cgi-bin/MSS/MsTtHTMLMenu
59498          4    /CUSTOM/data/COM/EcNsServerUR.map
37065          1
                            /CUSTOM/data/COM/ResourceCatalogs/EcUtFileCopyRe
                    sourceCat.dat.rcat
28100         43    /CUSTOM/data/COM/app-defaults/EcsMotif
38584          1
                            /CUSTOM/data/CSS/ResourceCatalogs/CsFtFTPNotifyR
                    esourceCat.dat.rcat
20047          4
                            /CUSTOM/data/CSS/ResourceCatalogs/CsFtFTPResourc
                    eCat.dat.rcat
11145          2
                            /CUSTOM/data/CSS/ResourceCatalogs/CsFtFTPSchedOb
                    jResourceCat.dat.rcat
61597          5    /CUSTOM/data/CSS/ResourceCatalogs/EcCsNsNm.rcat
54295          2
                            /CUSTOM/data/CSS/ResourceCatalogs/EcCsNsPfTempla
                    te.rcat
37557          3    /CUSTOM/data/CSS/ResourceCatalogs/EcCsNsSl.rcat
65519         10
                            /CUSTOM/data/CSS/ResourceCatalogs/EcCsTiTimeReso
                    urceCat.dat.rcat
29268          1
                            /CUSTOM/data/CSS/ResourceCatalogs/EcFhExecutor.d
                    at.rcat
53445          8    /CUSTOM/data/MSS/EcMsCmMibBwsr.sdl
16864         49    /CUSTOM/data/MSS/EcMsCmModeMgr.sdl
20037          2    /CUSTOM/data/MSS/README
60910         12    /CUSTOM/data/MSS/graphics/Snapshot.xwd
23427        589    /CUSTOM/data/MSS/graphics/Tiphilite.tif
57265        637    /CUSTOM/data/MSS/graphics/addillus.tif
 3682        637    /CUSTOM/data/MSS/graphics/addillus1.tif
21068        436    /CUSTOM/data/MSS/graphics/applicationsrvr.tif
24735        637    /CUSTOM/data/MSS/graphics/dialog.tif
25194        637    /CUSTOM/data/MSS/graphics/dialog1.tif
 8904         18    /CUSTOM/data/MSS/graphics/eosdislogo.tif
34777        589    /CUSTOM/data/MSS/graphics/illus1.tif
35379        589    /CUSTOM/data/MSS/graphics/illus2.tif
33251        589    /CUSTOM/data/MSS/graphics/inserted.tif
22159        589    /CUSTOM/data/MSS/graphics/insertingmode.tif
22637        589    /CUSTOM/data/MSS/graphics/moderemoval.tif
18548        324    /CUSTOM/data/MSS/graphics/modesubmap.tif
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 3682      637    /CUSTOM/data/MSS/graphics/refresh.tif
 2882      637    /CUSTOM/data/MSS/graphics/refresh1.tif
24836        3    /CUSTOM/data/MSS/remedy/CLOSE001.arr
24481        3    /CUSTOM/data/MSS/remedy/PushToFO.arq
20099        1    /CUSTOM/data/MSS/remedy/SetCLose.arq
15747        1    /CUSTOM/data/MSS/remedy/SetFo002.arq
34331        4    /CUSTOM/data/MSS/remedy/SetupFOR.arq
32754      205    /CUSTOM/data/MSS/remedy/TTConsolCapability
20309        7    /CUSTOM/data/MSS/remedy/TTConsol_Readme
62375        7    /CUSTOM/dbms/COM/DBAdmin/EcCoDbSyb_CkErrorLog
53066        4    /CUSTOM/dbms/COM/DBAdmin/EcCoDbSyb_DbStat
    0        0    /CUSTOM/dbms/COM/DBAdmin/EcCoDbSyb_DboMail
36464       19    /CUSTOM/dbms/COM/DBAdmin/EcCoDbSyb_DumpDb
30092       17    /CUSTOM/dbms/COM/DBAdmin/EcCoDbSyb_DumpTran
 5306       10    /CUSTOM/dbms/COM/DBAdmin/EcCoDbSyb_README
 4346        1    /CUSTOM/dbms/COM/DBAdmin/EcCoDbSyb_SedFile
58896        3    /CUSTOM/dbms/COM/DBAdmin/EcCoDbSyb_SetupKsh
10214        1    /CUSTOM/dbms/COM/DBAdmin/EcCoDbSyb_tran_log.awk
 2197        6    /CUSTOM/dbms/COM/DBAdmin/EcDbChecksum
 3109       10    /CUSTOM/dbms/COM/DBAdmin/EcDbDesc
17359        5    /CUSTOM/dbms/COM/DBAdmin/EcDbMasterBcp
 1318        1    /CUSTOM/dbms/COM/DBMon/EcDdmMonitor.sql
22733        3    /CUSTOM/dbms/COM/DBMon/EcDdmMonitorSegment
29019        1    /CUSTOM/dbms/COM/DBMon/EcDdmMonitorServer
47722        5    /CUSTOM/dbms/COM/DBMon/EcDdmSegmentUse
33905        1    /CUSTOM/dbms/COM/DBMon/EcDdmUserCounts
32291        1    /CUSTOM/dbms/COM/DBMon/EcDdmUserCounts.sql
 2766        1    /CUSTOM/dbms/COM/DBMon/servername
37293        1    /CUSTOM/dbms/CSS/EcSeAclEditDB.sql
14384        4    /CUSTOM/dbms/CSS/EcSeAclEditIndexes.sql
42795        1    /CUSTOM/dbms/CSS/EcSeAclEditSegments.sql
62060       10    /CUSTOM/dbms/CSS/EcSeAclEditSp.sql
48597        5    /CUSTOM/dbms/CSS/EcSeAclEditTables.sql
31469      783    /CUSTOM/lib/COM/libEcPoDbCTSh.sl
38596     1196    /CUSTOM/lib/COM/libEcPoDbRWSh.sl
49399      858    /CUSTOM/lib/COM/libEcUrSh.sl
 7353      282    /CUSTOM/lib/COM/libEcUtFactorySh.sl
 4713      672    /CUSTOM/lib/COM/libEcUtMiscSh.sl
 9602     1556    /CUSTOM/lib/COM/libEcUtSh.sl
19545     2292    /CUSTOM/lib/COM/libsrfSh.sl
28315      472    /CUSTOM/lib/CSS/libCsEmMailRelASh.sl
17066      551    /CUSTOM/lib/CSS/libCsFtFTPRelASh.sl
43288     1135    /CUSTOM/lib/CSS/libCsFtFTPSchedObjSh.sl
10762      115    /CUSTOM/lib/CSS/libCsSeCryptoDesSh.sl
28195      412    /CUSTOM/lib/CSS/libEcCfSh.sl
37449     4837    /CUSTOM/lib/CSS/libEcDcMsgPsng1Sh.sl
18651      903    /CUSTOM/lib/CSS/libEcDcNotifySh.sl
30482      967    /CUSTOM/lib/CSS/libEcDnDirSh.sl
60426      334    /CUSTOM/lib/CSS/libEcFhSh.sl
53986      687    /CUSTOM/lib/CSS/libEcNsServiceLocSh.sl
43597      644    /CUSTOM/lib/CSS/libEcNsServiceLocatorSh.sl
14972     3151    /CUSTOM/lib/CSS/libEcPfSh.sl
50873      142    /CUSTOM/lib/CSS/libEcPtSpecialLockSh.sl
31834       44    /CUSTOM/lib/CSS/libEcSeAuthnSh.sl
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46555       202     /CUSTOM/lib/CSS/libEcSeCmiSh.sl
 5040        68     /CUSTOM/lib/CSS/libEcSeLoginContextSh.sl
61022        62     /CUSTOM/lib/CSS/libEcSeLoginSh.sl
59822      3019     /CUSTOM/lib/CSS/libEcSeSecuritySh.sl
24721       171     /CUSTOM/lib/CSS/libEcSeServerKeyMgmtSh.sl
64040       983     /CUSTOM/lib/CSS/libEcSeSybSecuritySh.sl
22819       660     /CUSTOM/lib/CSS/libEcSeSybSecurityStubbedSh.sl
43450       931     /CUSTOM/lib/CSS/libEcSeUtilityCtSh.sl
18921       567     /CUSTOM/lib/CSS/libEcSeUtilityCtStubbedSh.sl
 3510       918     /CUSTOM/lib/CSS/libEcSeUtilityDbSh.sl
54179       305     /CUSTOM/lib/CSS/libEcSeUtilityDbStubbedSh.sl
36452       727     /CUSTOM/lib/CSS/libEcTiTimeSh.sl
 2715       338     /CUSTOM/lib/CSS/libagenteventSh.sl
55196        60     /CUSTOM/lib/CSS/libdesSh.sl
28722       386     /CUSTOM/lib/CSS/libeventSh.sl
30969      2553     /CUSTOM/lib/MSS/libEcTvRoles.a
61472     11972     /CUSTOM/lib/MSS/libMsAgDeputyGateSh.sl
52791       116     /CUSTOM/lib/MSS/libMsAgSnmpSh.sl
30951      2553     /CUSTOM/lib/MSS/libMsTvParms.a
22433        14     /CUSTOM/readme/MSS/MsTtReadme.txt
27560      5167     /CUSTOM/security/EcSeRandomDataFile
26099         3     /CUSTOM/utilities/EcCoEnvKsh
28966         2     /CUSTOM/utilities/EcCsEnvKsh
29081         2     /CUSTOM/utilities/EcDbDdmEnvKsh
16674         9     /CUSTOM/utilities/EcEcsAppMkcfg
62229         3     /CUSTOM/utilities/EcEcsAppStart
 8364        27     /CUSTOM/utilities/EcMsAgDeputyMkcfg
47756         4     /CUSTOM/utilities/EcMsAgDeputyStart
29119         2     /CUSTOM/utilities/EcMsAgEnvKsh
54491        18     /CUSTOM/utilities/EcMsAsAddHeader.pl
 3301        15     /CUSTOM/utilities/EcMsAsRemoveHeader.pl
11537         3     /CUSTOM/utilities/EcMsCmCleanup
29091         2     /CUSTOM/utilities/EcMsCmEnvKsh
20920         4     /CUSTOM/utilities/EcMsCmMkCdsEntry
30091         4     /CUSTOM/utilities/EcMsCmMkcfg
10593         3     /CUSTOM/utilities/EcMsCmStartEcsd
29607         2     /CUSTOM/utilities/EcMsCtsEnvKsh
29933         5     /CUSTOM/utilities/EcMsInstallHelpFiles
 1372         9     /CUSTOM/utilities/EcMsSubagentAppMkcfg
29231         2     /CUSTOM/utilities/EcMsTtEnvKsh
 8439         9     /CUSTOM/utilities/EcMsTtEnviroMkcfg
47558         6     /CUSTOM/utilities/EcMsTtHTMLMkcfg
23234         7     /CUSTOM/utilities/EcMsTtTroubleticketMkcfg
29232         2     /CUSTOM/utilities/EcMsTvEnvKsh
```

D.2 DROP5A_EPSILON_FINAL_PATCH_hp10/DROP5A_EPSILON_FINAL_ PATCH_hp10.tar

Checksum	**Blocksize**	**Filename**
50884	27	/DROP5A_EPSILON_FINAL_PATCH_hp10/.cfgpatch
1608	130	/DROP5A_EPSILON_FINAL_PATCH_hp10/.sitemap
500	180	/DROP5A_EPSILON_FINAL_PATCH_hp10/DROP5A_EPSILON_FINAL_PATCH_hp10.tar

D.3   5A_EPSILON_sgi6n32_19990701_090434_Pkg.tar

Checksum	Blocksize	Filename
55059	407	/5A_EPSILON_sgi6n32_19990701_090434_EA.tar.gz
22331	1160750	/5A_EPSILON_sgi6n32_19990701_090434_Pkg.tar
57068	21	/5A_EPSILON_sgi6n32_19990701_090434_Setup.ksh
8062	8	/CUSTOM/.applications
28203	41	/CUSTOM/.cfgpatch
56711	12	/CUSTOM/.envvars
40008	45	/CUSTOM/.executables
2887	9	/CUSTOM/.hostmap
54168	25	/CUSTOM/.installtypes
13949	129	/CUSTOM/.sitemap
29273	4	/CUSTOM/.subsystems
42897	991	/CUSTOM/bin/COM/EcUtCopyExec
49160	101	/CUSTOM/bin/CSS/EcSeLoginProg
3291	10045	/CUSTOM/bin/CSS/EcTiDeltastore
62354	684	/CUSTOM/bin/CSS/ftp_popen
62723	4645	/CUSTOM/bin/DPS/EcDpPrAm1EdosAncillary
40885	12	/CUSTOM/bin/DPS/EcDpPrAm1EdosEphAttDPREP_PGE
8043	4271	/CUSTOM/bin/DPS/EcDpPrAm1EdosEphemerisRepair
60965	4387	/CUSTOM/bin/DPS/EcDpPrAm1FddAttitudeDPREP_PGE
9166	4411	/CUSTOM/bin/DPS/EcDpPrAm1FddEphemerisDPREP_PGE
8060	4190	/CUSTOM/bin/DPS/EcDpPrAm1ToolkitToHdf
14278	4155	/CUSTOM/bin/DPS/EcDpPrDumpAttitudeDPREP
20935	4180	/CUSTOM/bin/DPS/EcDpPrDumpEphemerisDPREP
22988	3	/CUSTOM/bin/DPS/EcDpPrEMGetAncHeaders
2047	171	/CUSTOM/bin/DPS/EcDpPrRunPGE
6332	35	/CUSTOM/bin/DPS/EcDpPrRusage
50314	73428	/CUSTOM/bin/DSS/EcDsHdfEosServer
41014	67245	/CUSTOM/bin/DSS/EcDsStArchiveServer
6753	76377	/CUSTOM/bin/DSS/EcDsStFtpDisServer
11379	73944	/CUSTOM/bin/DSS/EcDsStIngestFtpServer
53641	49685	/CUSTOM/bin/DSS/EcDsStPullMonitorServer
22595	61844	/CUSTOM/bin/DSS/EcDsStStagingDiskServer
127	64464	/CUSTOM/bin/DSS/EcDsStStagingMonitorServer
35081	60511	/CUSTOM/bin/INS/EcInAuto
8184	20854	/CUSTOM/bin/INS/EcInDBCleanUp
21110	57557	/CUSTOM/bin/INS/EcInGWClientDrv
13954	119675	/CUSTOM/bin/INS/EcInGran
529	14628	/CUSTOM/bin/INS/EcInInitPasswd
45654	63032	/CUSTOM/bin/INS/EcInPolling
61694	95491	/CUSTOM/bin/INS/EcInReqMgr
26162	703	/CUSTOM/bin/MSS/EcMsAgAgent
21785	465	/CUSTOM/bin/MSS/EcMsAgEncps
58274	38790	/CUSTOM/bin/MSS/EcMsAgGenProxy
16012	47224	/CUSTOM/bin/MSS/EcMsAgSubAgent
59498	4	/CUSTOM/data/COM/EcNsServerUR.map
37065	1	/CUSTOM/data/COM/ResourceCatalogs/EcUtFileCopyResourceCat.dat.rcat
28100	43	/CUSTOM/data/COM/app-defaults/EcsMotif

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38584        1
                    /CUSTOM/data/CSS/ResourceCatalogs/CsFtFTPNotifyR
              esourceCat.dat.rcat
20047        4
                    /CUSTOM/data/CSS/ResourceCatalogs/CsFtFTPResourc
              eCat.dat.rcat
11145        2
                    /CUSTOM/data/CSS/ResourceCatalogs/CsFtFTPSchedOb
              jResourceCat.dat.rcat
61597        5    /CUSTOM/data/CSS/ResourceCatalogs/EcCsNsNm.rcat
54295        2
                    /CUSTOM/data/CSS/ResourceCatalogs/EcCsNsPfTempla
              te.rcat
37557        3    /CUSTOM/data/CSS/ResourceCatalogs/EcCsNsSl.rcat
65519       10
                    /CUSTOM/data/CSS/ResourceCatalogs/EcCsTiTimeReso
              urceCat.dat.rcat
29268        1
                    /CUSTOM/data/CSS/ResourceCatalogs/EcFhExecutor.d
              at.rcat
41346        4    /CUSTOM/data/DPS/AM1ANC.Profile_1.A.met
41341        4    /CUSTOM/data/DPS/AM1ANC.Profile_1.B.met
41346        4    /CUSTOM/data/DPS/AM1ANC.Profile_2.met
41336        4    /CUSTOM/data/DPS/AM1ANC.Profile_3.met
41420        4    /CUSTOM/data/DPS/AM1ANC.Profile_4.met
55731       12    /CUSTOM/data/DPS/AM1_Ancillary_DPREP.tar.met
24917      440    /CUSTOM/data/DPS/AM1_DEFINITIVE_ATT.fdd.Profile_1.A
42165        4
                    /CUSTOM/data/DPS/AM1_DEFINITIVE_ATT.fdd.Profile_
              1.A.met
63178      440    /CUSTOM/data/DPS/AM1_DEFINITIVE_ATT.fdd.Profile_1.B
42150        4
                    /CUSTOM/data/DPS/AM1_DEFINITIVE_ATT.fdd.Profile_
              1.B.met
44924      440    /CUSTOM/data/DPS/AM1_DEFINITIVE_ATT.fdd.Profile_2
42142        4    /CUSTOM/data/DPS/AM1_DEFINITIVE_ATT.fdd.Profile_2.met
38694      440    /CUSTOM/data/DPS/AM1_DEFINITIVE_ATT.fdd.Profile_3
42162        4    /CUSTOM/data/DPS/AM1_DEFINITIVE_ATT.fdd.Profile_3.met
50890      440    /CUSTOM/data/DPS/AM1_DEFINITIVE_ATT.fdd.Profile_4
42178        4    /CUSTOM/data/DPS/AM1_DEFINITIVE_ATT.fdd.Profile_4.met
19111      804    /CUSTOM/data/DPS/AM1_REPAIR_EPH.fdd.Profile_1
41268        4    /CUSTOM/data/DPS/AM1_REPAIR_EPH.fdd.Profile_1.met
13026      804    /CUSTOM/data/DPS/AM1_REPAIR_EPH.fdd.Profile_2
41269        4    /CUSTOM/data/DPS/AM1_REPAIR_EPH.fdd.Profile_2.met
39403      804    /CUSTOM/data/DPS/AM1_REPAIR_EPH.fdd.Profile_3
41263        4    /CUSTOM/data/DPS/AM1_REPAIR_EPH.fdd.Profile_3.met
13904       11    /CUSTOM/data/DPS/DPREP_README
12770        1    /CUSTOM/data/DPS/EDOS_LEVEL_ZERO_00.Profile_1.A
12090        1    /CUSTOM/data/DPS/EDOS_LEVEL_ZERO_00.Profile_1.B
13085        1    /CUSTOM/data/DPS/EDOS_LEVEL_ZERO_00.Profile_2
12137        1    /CUSTOM/data/DPS/EDOS_LEVEL_ZERO_00.Profile_3
13196        1    /CUSTOM/data/DPS/EDOS_LEVEL_ZERO_00.Profile_4
 2585      879    /CUSTOM/data/DPS/EDOS_LEVEL_ZERO_01.Profile_1.A
42822      879    /CUSTOM/data/DPS/EDOS_LEVEL_ZERO_01.Profile_1.B
```

```
61295     879   /CUSTOM/data/DPS/EDOS_LEVEL_ZERO_01.Profile_2
30799     879   /CUSTOM/data/DPS/EDOS_LEVEL_ZERO_01.Profile_3
18613     879   /CUSTOM/data/DPS/EDOS_LEVEL_ZERO_01.Profile_4
27915      58
                /CUSTOM/data/DPS/EcDpPrAm1EdosEphAttDPREP_PGE.St
          eps1ab.PCF.Profile_1.A
27921      58
                /CUSTOM/data/DPS/EcDpPrAm1EdosEphAttDPREP_PGE.St
          eps1ab.PCF.Profile_1.B
59685      58
                /CUSTOM/data/DPS/EcDpPrAm1EdosEphAttDPREP_PGE.St
          eps1ab.PCF.Profile_2
47037      57
                /CUSTOM/data/DPS/EcDpPrAm1EdosEphAttDPREP_PGE.St
          eps1ab.PCF.Profile_3
13718      56
                /CUSTOM/data/DPS/EcDpPrAm1EdosEphAttDPREP_PGE.St
          eps1ab.PCF.Profile_4
55196      54
                /CUSTOM/data/DPS/EcDpPrAm1FddAttitudeDPREP_PGE.S
          tep2.PCF.Profile_1.A
55199      54
                /CUSTOM/data/DPS/EcDpPrAm1FddAttitudeDPREP_PGE.S
          tep2.PCF.Profile_1.B
32792      53
                /CUSTOM/data/DPS/EcDpPrAm1FddAttitudeDPREP_PGE.S
          tep2.PCF.Profile_2
37445      53
                /CUSTOM/data/DPS/EcDpPrAm1FddAttitudeDPREP_PGE.S
          tep2.PCF.Profile_3
15264      53
                /CUSTOM/data/DPS/EcDpPrAm1FddAttitudeDPREP_PGE.S
          tep2.PCF.Profile_4
43286      53
                /CUSTOM/data/DPS/EcDpPrAm1FddEphemerisDPREP_PGE.
          Step3.PCF.Profile_1
25311      53
                /CUSTOM/data/DPS/EcDpPrAm1FddEphemerisDPREP_PGE.
          Step3.PCF.Profile_2
63069      52
                /CUSTOM/data/DPS/EcDpPrAm1FddEphemerisDPREP_PGE.
          Step3.PCF.Profile_3
55758      12   /CUSTOM/data/DPS/FDDAttitude.tar.met
47992       6   /CUSTOM/data/DPS/HowToCreateDprepTarFile
 8498      26   /CUSTOM/data/DPS/HowToRunDPREP
33127      27   /CUSTOM/data/DPS/PGS_101
55746      12   /CUSTOM/data/DPS/ReplaceEphemeris.tar.met
60055      78   /CUSTOM/data/DSS/EcDsStESDTMap
47304      10   /CUSTOM/data/DSS/EcDsStESDTMap.Patch.1
40825       5
                /CUSTOM/data/DSS/ResourceCatalogs/DsGlResource.d
          at.rcat
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63478      90
                    /CUSTOM/data/DSS/ResourceCatalogs/DsMdResource.d
           at.rcat
38171      18
                    /CUSTOM/data/DSS/ResourceCatalogs/DsShResource.d
           at.rcat
64718      11
                    /CUSTOM/data/DSS/ResourceCatalogs/DsSrResource.d
           at.rcat
38430      18   /CUSTOM/data/DSS/ResourceCatalogs/EcDsSdHc.dat.rcat
29956      26   /CUSTOM/data/DSS/ResourceCatalogs/EcDsSdHr.dat.rcat
    0       0   /CUSTOM/data/INS/.dataproviders
    0       0   /CUSTOM/data/INS/.granservers
51208       2   /CUSTOM/data/INS/DAP.PDR
24062       1   /CUSTOM/data/INS/L7CPF.PDR
52546       8   /CUSTOM/data/INS/L7_F1_stage1.PDR
13111       5   /CUSTOM/data/INS/L7_F2_stage1.PDR
36400       2   /CUSTOM/data/INS/MOD00.PDR
53674      50   /CUSTOM/data/INS/PCF.relB0.INS
 4205       3   /CUSTOM/data/INS/aster_tape.PDR
20899       3   /CUSTOM/data/INS/aug_demo_l1bt.PDR
29100       3   /CUSTOM/data/INS/aug_demo_l1bt_auto.PDR
34606       2   /CUSTOM/data/INS/dan_1b01.PDR
38389       2   /CUSTOM/data/INS/dan_l1a_auto.PDR
42129       2   /CUSTOM/data/INS/dan_l1b_auto.PDR
42866       2   /CUSTOM/data/INS/mopitt_eng.PDR
42980       2   /CUSTOM/data/INS/mopitt_sci.PDR
56133       6   /CUSTOM/data/INS/multiGranule_l1bt.PDR
62375       7   /CUSTOM/dbms/COM/DBAdmin/EcCoDbSyb_CkErrorLog
53066       4   /CUSTOM/dbms/COM/DBAdmin/EcCoDbSyb_DbStat
    0       0   /CUSTOM/dbms/COM/DBAdmin/EcCoDbSyb_DboMail
36464      19   /CUSTOM/dbms/COM/DBAdmin/EcCoDbSyb_DumpDb
30092      17   /CUSTOM/dbms/COM/DBAdmin/EcCoDbSyb_DumpTran
 5306      10   /CUSTOM/dbms/COM/DBAdmin/EcCoDbSyb_README
 4346       1   /CUSTOM/dbms/COM/DBAdmin/EcCoDbSyb_SedFile
58896       3   /CUSTOM/dbms/COM/DBAdmin/EcCoDbSyb_SetupKsh
10214       1   /CUSTOM/dbms/COM/DBAdmin/EcCoDbSyb_tran_log.awk
 2197       6   /CUSTOM/dbms/COM/DBAdmin/EcDbChecksum
 3109      10   /CUSTOM/dbms/COM/DBAdmin/EcDbDesc
17359       5   /CUSTOM/dbms/COM/DBAdmin/EcDbMasterBcp
 1318       1   /CUSTOM/dbms/COM/DBMon/EcDdmMonitor.sql
22733       3   /CUSTOM/dbms/COM/DBMon/EcDdmMonitorSegment
29019       1   /CUSTOM/dbms/COM/DBMon/EcDdmMonitorServer
47722       5   /CUSTOM/dbms/COM/DBMon/EcDdmSegmentUse
33905       1   /CUSTOM/dbms/COM/DBMon/EcDdmUserCounts
32291       1   /CUSTOM/dbms/COM/DBMon/EcDdmUserCounts.sql
 2766       1   /CUSTOM/dbms/COM/DBMon/servername
37293       1   /CUSTOM/dbms/CSS/EcSeAclEditDB.sql
14384       4   /CUSTOM/dbms/CSS/EcSeAclEditIndexes.sql
42795       1   /CUSTOM/dbms/CSS/EcSeAclEditSegments.sql
62060      10   /CUSTOM/dbms/CSS/EcSeAclEditSp.sql
48597       5   /CUSTOM/dbms/CSS/EcSeAclEditTables.sql
 5354      22   /CUSTOM/dbms/DSS/BulkcopySource
61163      21   /CUSTOM/dbms/DSS/BulkcopyTarget
```

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37637         4      /CUSTOM/dbms/DSS/DsDdFDelete.sp
53195         6      /CUSTOM/dbms/DSS/DsDdFInsert.sp
26614         3      /CUSTOM/dbms/DSS/DsDdFSelectAll.sp
16600         5      /CUSTOM/dbms/DSS/DsDdFSelectAllFiles.sp
 8512         5      /CUSTOM/dbms/DSS/DsDdFSelectByReqGranSrc.sp
 5565         7      /CUSTOM/dbms/DSS/DsDdFUpdate.sp
51379         4      /CUSTOM/dbms/DSS/DsDdGDelete.sp
30429         5      /CUSTOM/dbms/DSS/DsDdGInsert.sp
32766         4      /CUSTOM/dbms/DSS/DsDdGSelectAll.sp
  266         4      /CUSTOM/dbms/DSS/DsDdGSelectAllGranules.sp
60432         4      /CUSTOM/dbms/DSS/DsDdGSelectByReqGran.sp
42354         6      /CUSTOM/dbms/DSS/DsDdGUpdate.sp
12490         5      /CUSTOM/dbms/DSS/DsDdPLAuxUpdate.sp
56558         4      /CUSTOM/dbms/DSS/DsDdPLDelete.sp
34871         7      /CUSTOM/dbms/DSS/DsDdPLInsert.sp
 7174         5      /CUSTOM/dbms/DSS/DsDdPLSelectAll.sp
13308         5      /CUSTOM/dbms/DSS/DsDdPLSelectByReq.sp
10576         7      /CUSTOM/dbms/DSS/DsDdPLUpdate.sp
21788         3      /CUSTOM/dbms/DSS/DsDdPTDelete.sp
24911         3      /CUSTOM/dbms/DSS/DsDdPTGetLimit.sp
46837         4      /CUSTOM/dbms/DSS/DsDdPTInsert.sp
50586         4      /CUSTOM/dbms/DSS/DsDdPTSetLimit.sp
42745         4      /CUSTOM/dbms/DSS/DsDdRDelete.sp
 4194         2      /CUSTOM/dbms/DSS/DsDdRDeleteTrig.sql
42022        10      /CUSTOM/dbms/DSS/DsDdRInsert.sp
45145         6      /CUSTOM/dbms/DSS/DsDdRSelectAll.sp
52018         6      /CUSTOM/dbms/DSS/DsDdRSelectAllReq.sp
51585         6      /CUSTOM/dbms/DSS/DsDdRSelectByRequestId.sp
 5161         7      /CUSTOM/dbms/DSS/DsDdRSelectByState.sp
38942         4      /CUSTOM/dbms/DSS/DsDdRSelectByTape.sp
64752         5      /CUSTOM/dbms/DSS/DsDdRSelectTape.sp
58638         4      /CUSTOM/dbms/DSS/DsDdRTSelectByReq.sp
18204         9      /CUSTOM/dbms/DSS/DsDdRUpdate.sp
51103         4      /CUSTOM/dbms/DSS/DsDdRUpdateOrdState.sp
47128         4      /CUSTOM/dbms/DSS/DsDdRUpdateState.sp
49937         4      /CUSTOM/dbms/DSS/DsDdSGInsert.sp
18896         3      /CUSTOM/dbms/DSS/DsDdSGSelectAll.sp
57480         4      /CUSTOM/dbms/DSS/DsDdSGUpdateGenValue.sp
39431         6      /CUSTOM/dbms/DSS/DsStARDeleteById.sp
55140         6      /CUSTOM/dbms/DSS/DsStARDeleteByState.sp
46342         4      /CUSTOM/dbms/DSS/DsStARDeleteTrig.sql
 2735         5      /CUSTOM/dbms/DSS/DsStARInsert.sp
17149         5      /CUSTOM/dbms/DSS/DsStARUpdateCurrIdx.sp
61809         4      /CUSTOM/dbms/DSS/DsStBDelete.sp
 3480         9      /CUSTOM/dbms/DSS/DsStBDeleteTrig.sql
37436         5      /CUSTOM/dbms/DSS/DsStBInsert.sp
63600         5      /CUSTOM/dbms/DSS/DsStBSelectAll.sp
 8664         5      /CUSTOM/dbms/DSS/DsStBSelectByName.sp
54712         4      /CUSTOM/dbms/DSS/DsStBSelectTempDir.sp
  154         6      /CUSTOM/dbms/DSS/DsStBUpdStageAndStatus.sp
60747         6      /CUSTOM/dbms/DSS/DsStCDCFLDeleteAll.sp
33768        13      /CUSTOM/dbms/DSS/DsStCDCFLInsert.sp
10742         7      /CUSTOM/dbms/DSS/DsStCDCFLSelectAll.sp
42148         6      /CUSTOM/dbms/DSS/DsStCDDeleteByPath.sp
```

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65432      5     /CUSTOM/dbms/DSS/DsStCDInsert.sp
37966      4     /CUSTOM/dbms/DSS/DsStCDSelectAll.sp
52813      4     /CUSTOM/dbms/DSS/DsStCDSelectByPath.sp
31678      7     /CUSTOM/dbms/DSS/DsStCDSelectPathByFileName.sp
37838      6     /CUSTOM/dbms/DSS/DsStCDSelectServerByFileName.sp
11477      7     /CUSTOM/dbms/DSS/DsStCFDeleteByCount.sp
48340      8     /CUSTOM/dbms/DSS/DsStCFDeleteByFileName.sp
49833      6     /CUSTOM/dbms/DSS/DsStCFDeleteOnExpiration.sp
45241     12     /CUSTOM/dbms/DSS/DsStCFDeleteTrig.sql
 8272      9     /CUSTOM/dbms/DSS/DsStCFInsert.sp
64595      6     /CUSTOM/dbms/DSS/DsStCFInsertTrig.sql
 7481     17     /CUSTOM/dbms/DSS/DsStCFSelectByCacheId.sp
21629      5     /CUSTOM/dbms/DSS/DsStCFSelectByCount.sp
18246      7     /CUSTOM/dbms/DSS/DsStCFSelectByExpTime.sp
39217      6     /CUSTOM/dbms/DSS/DsStCFSelectByFileName.sp
19550     10     /CUSTOM/dbms/DSS/DsStCFUpdate.sp
14012      5     /CUSTOM/dbms/DSS/DsStCFUpdateExpirationFlag.sp
61005      4     /CUSTOM/dbms/DSS/DsStCInsert.sp
62546      7     /CUSTOM/dbms/DSS/DsStCPCkUpdAvailCacheSpace.sp
35235      7     /CUSTOM/dbms/DSS/DsStCPDelete.sp
 1017      7     /CUSTOM/dbms/DSS/DsStCPInsertArchive.sp
45527      5     /CUSTOM/dbms/DSS/DsStCPInsertDevice.sp
17411      7     /CUSTOM/dbms/DSS/DsStCPInsertFtp.sp
 8583      4     /CUSTOM/dbms/DSS/DsStCPInsertPrinter.sp
25418     11     /CUSTOM/dbms/DSS/DsStCPInsertPullMonitor.sp
14707     11     /CUSTOM/dbms/DSS/DsStCPInsertStagingMonitor.sp
23902      5     /CUSTOM/dbms/DSS/DsStCPInsertTrig.sql
38923     12     /CUSTOM/dbms/DSS/DsStCPSelectById.sp
15914      5     /CUSTOM/dbms/DSS/DsStCPSelectByType.sp
25467      5     /CUSTOM/dbms/DSS/DsStCPUpdAvailableCacheSpace.sp
47010      6     /CUSTOM/dbms/DSS/DsStCPUpdStatusAndServerHandle.sp
15707     22     /CUSTOM/dbms/DSS/DsStCPUpdateArchive.sp
27840     14     /CUSTOM/dbms/DSS/DsStCPUpdateDevice.sp
49403     12     /CUSTOM/dbms/DSS/DsStCPUpdateFtp.sp
25455     11     /CUSTOM/dbms/DSS/DsStCPUpdatePrinter.sp
 6901     15     /CUSTOM/dbms/DSS/DsStCPUpdatePullMonitor.sp
15522     21     /CUSTOM/dbms/DSS/DsStCPUpdateStagingMonitor.sp
30433      3     /CUSTOM/dbms/DSS/DsStCSelect.sp
22185      5     /CUSTOM/dbms/DSS/DsStDDelete.sp
23700      5     /CUSTOM/dbms/DSS/DsStDFInsert.sp
 8273      5     /CUSTOM/dbms/DSS/DsStDFSelect.sp
30205      5     /CUSTOM/dbms/DSS/DsStDFUpdCkPtSt.sp
20890      5     /CUSTOM/dbms/DSS/DsStDFUpdDate.sp
37940      6     /CUSTOM/dbms/DSS/DsStDFUpdError.sp
56408      6     /CUSTOM/dbms/DSS/DsStDInsUpdDelTrig.sql
29632      7     /CUSTOM/dbms/DSS/DsStDInsert.sp
40363      7     /CUSTOM/dbms/DSS/DsStDMoveDriveDrive.sp
15430      7     /CUSTOM/dbms/DSS/DsStDSelect.sp
37652      6     /CUSTOM/dbms/DSS/DsStDSelectAll.sp
26637      8     /CUSTOM/dbms/DSS/DsStDSelectByDeviceName.sp
31401      5     /CUSTOM/dbms/DSS/DsStDSelectCurrentSlot.sp
27268      5     /CUSTOM/dbms/DSS/DsStDSelectDeviceInfo.sp
18388      5     /CUSTOM/dbms/DSS/DsStDSelectElemNo.sp
27039      8     /CUSTOM/dbms/DSS/DsStDSelectForStacker.sp
```

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 3056          6     /CUSTOM/dbms/DSS/DsStDSelectResPoolInfo.sp
33417          6     /CUSTOM/dbms/DSS/DsStDUpdate.sp
16574          5     /CUSTOM/dbms/DSS/DsStDUpdateCurrentStatus.sp
56757          6     /CUSTOM/dbms/DSS/DsStDUpdateDevice.sp
 8784          5     /CUSTOM/dbms/DSS/DsStDUpdateStatus.sp
62488          7     /CUSTOM/dbms/DSS/DsStDeallocate.sp
50629          4     /CUSTOM/dbms/DSS/DsStEADeleteByCode.sp
12440          7     /CUSTOM/dbms/DSS/DsStEAInsert.sp
30470          4     /CUSTOM/dbms/DSS/DsStEASelectAll.sp
44724          4     /CUSTOM/dbms/DSS/DsStEASelectByCode.sp
46244          4     /CUSTOM/dbms/DSS/DsStEASelectByMnemonic.sp
17139          5     /CUSTOM/dbms/DSS/DsStEATSelectByCode.sp
18516          5     /CUSTOM/dbms/DSS/DsStEATSelectByMnemonic.sp
61740          4     /CUSTOM/dbms/DSS/DsStEAUpdate.sp
22672          5     /CUSTOM/dbms/DSS/DsStELAlarms.sp
24224          3     /CUSTOM/dbms/DSS/DsStELDeleteByNum.sp
51798          6     /CUSTOM/dbms/DSS/DsStELInsert.sp
28520          6     /CUSTOM/dbms/DSS/DsStELInsertDdist.sp
64297          4     /CUSTOM/dbms/DSS/DsStELInsertTrig.sql
59219          4     /CUSTOM/dbms/DSS/DsStELPurge.sp
39662          4     /CUSTOM/dbms/DSS/DsStELSelect.sp
42154          8     /CUSTOM/dbms/DSS/DsStELSelectAny.sp
56953          6     /CUSTOM/dbms/DSS/DsStELSelectByTime.sp
 4263          7     /CUSTOM/dbms/DSS/DsStELSelectByType.sp
44327          4     /CUSTOM/dbms/DSS/DsStELSelectDdist.sp
51206          4     /CUSTOM/dbms/DSS/DsStETDeleteByMnemonic.sp
 8195          5     /CUSTOM/dbms/DSS/DsStETInsert.sp
41319          4     /CUSTOM/dbms/DSS/DsStETSelectByMnemonic.sp
53897          4     /CUSTOM/dbms/DSS/DsStETUpdate.sp
 2825          9     /CUSTOM/dbms/DSS/DsStFInsert.sp
55871          6     /CUSTOM/dbms/DSS/DsStFLDeleteByCache.sp
62091          6     /CUSTOM/dbms/DSS/DsStFLDeleteByName.sp
57008         10     /CUSTOM/dbms/DSS/DsStFLDeleteByNameAndDirId.sp
40095          7     /CUSTOM/dbms/DSS/DsStFLDeleteByNameAndId.sp
19915          7     /CUSTOM/dbms/DSS/DsStFLDeleteByOrigAndPath.sp
22657          8     /CUSTOM/dbms/DSS/DsStFLInsert.sp
49141          6     /CUSTOM/dbms/DSS/DsStFLSelectByFileName.sp
33634         10     /CUSTOM/dbms/DSS/DsStFLSelectByNameAndId.sp
59095          6     /CUSTOM/dbms/DSS/DsStFLSelectByPathName.sp
60746         11     /CUSTOM/dbms/DSS/DsStFLSelectDeleteByCount.sp
45014         12     /CUSTOM/dbms/DSS/DsStFLUpdAccessCount.sp
 3952          5     /CUSTOM/dbms/DSS/DsStFRInsert.sp
13217          5     /CUSTOM/dbms/DSS/DsStFRUpdPullDir.sp
24692          7     /CUSTOM/dbms/DSS/DsStFSelect.sp
29183          5     /CUSTOM/dbms/DSS/DsStFUpdateChecksum.sp
28655          5     /CUSTOM/dbms/DSS/DsStFUpdateCkPtState.sp
40060          6     /CUSTOM/dbms/DSS/DsStFUpdateFailure.sp
25769          5     /CUSTOM/dbms/DSS/DsStFUpdateFileLoc.sp
28574          5     /CUSTOM/dbms/DSS/DsStFUpdateStgDskTag.sp
29845          5     /CUSTOM/dbms/DSS/DsStGRARSelect.sp
23327          5     /CUSTOM/dbms/DSS/DsStGRCheckRetention.sp
  869         21     /CUSTOM/dbms/DSS/DsStGRCleanup.sp
15761          5     /CUSTOM/dbms/DSS/DsStGRDelete.sp
62053          5     /CUSTOM/dbms/DSS/DsStGRDeleteById.sp
```

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42686      4    /CUSTOM/dbms/DSS/DsStGRDeleteTrig.sql
20537      5    /CUSTOM/dbms/DSS/DsStGRFRSelect.sp
 2833      7    /CUSTOM/dbms/DSS/DsStGRInsert.sp
22944      5    /CUSTOM/dbms/DSS/DsStGRSelectFile.sp
35865      4    /CUSTOM/dbms/DSS/DsStGRSelectOpen.sp
32357      4    /CUSTOM/dbms/DSS/DsStGRSelectOwner.sp
12963      5    /CUSTOM/dbms/DSS/DsStGRUpdateAll.sp
32068      5    /CUSTOM/dbms/DSS/DsStGRUpdateAllForOwner.sp
17406      5    /CUSTOM/dbms/DSS/DsStGRUpdateCkPtState.sp
25510      5    /CUSTOM/dbms/DSS/DsStGRUpdateFailure.sp
17751      5    /CUSTOM/dbms/DSS/DsStGRUpdateRetention.sp
15430      5    /CUSTOM/dbms/DSS/DsStNextIdGet.sp
12698      3    /CUSTOM/dbms/DSS/DsStNextIdInsert.sp
39520      6    /CUSTOM/dbms/DSS/DsStOInsert.sp
54433      4    /CUSTOM/dbms/DSS/DsStOSelectAll.sp
17835      5    /CUSTOM/dbms/DSS/DsStOSelectById.sp
34906      7    /CUSTOM/dbms/DSS/DsStOUpdate.sp
24945      6    /CUSTOM/dbms/DSS/DsStProcNumObjects.sp
17669      3    /CUSTOM/dbms/DSS/DsStRDelete.sp
 4850      9    /CUSTOM/dbms/DSS/DsStRDeleteTrig.sql
47109      6    /CUSTOM/dbms/DSS/DsStRInsert.sp
64109      5    /CUSTOM/dbms/DSS/DsStRSelectAll.sp
 9173      5    /CUSTOM/dbms/DSS/DsStRSelectByName.sp
55234      4    /CUSTOM/dbms/DSS/DsStRSelectTempDir.sp
60581      6    /CUSTOM/dbms/DSS/DsStRTInsert.sp
63406      4    /CUSTOM/dbms/DSS/DsStRTSelectByReq.sp
62099      6    /CUSTOM/dbms/DSS/DsStRUpdStageAndStatus.sp
64633      5    /CUSTOM/dbms/DSS/DsStSDDelete.sp
36795      4    /CUSTOM/dbms/DSS/DsStSDDeleteAll.sp
61844      7    /CUSTOM/dbms/DSS/DsStSDInsert.sp
57353      4    /CUSTOM/dbms/DSS/DsStSDSelect.sp
32129      6    /CUSTOM/dbms/DSS/DsStSDSelectAll.sp
 4275      5    /CUSTOM/dbms/DSS/DsStSDSelectDisk.sp
61801      5    /CUSTOM/dbms/DSS/DsStSDSelectDiskNum.sp
 9886      7    /CUSTOM/dbms/DSS/DsStSDSelectRpc.sp
45722      6    /CUSTOM/dbms/DSS/DsStSDUpdateOwner.sp
28082      5    /CUSTOM/dbms/DSS/DsStSDUpdatePersistent.sp
21087      5    /CUSTOM/dbms/DSS/DsStSDUpdateRetention.sp
20439      5    /CUSTOM/dbms/DSS/DsStSDUpdateSize.sp
16853      5    /CUSTOM/dbms/DSS/DsStSGDelete.sp
20324      3    /CUSTOM/dbms/DSS/DsStSGDeleteTrig.sql
11326      7    /CUSTOM/dbms/DSS/DsStSGInsert.sp
 7817      5    /CUSTOM/dbms/DSS/DsStSGInsertTrig.sql
30959      7    /CUSTOM/dbms/DSS/DsStSInsert.sp
14308      6    /CUSTOM/dbms/DSS/DsStSInsertTrig.sql
16262      7    /CUSTOM/dbms/DSS/DsStSKDelete.sp
15119      7    /CUSTOM/dbms/DSS/DsStSKInsert.sp
31884      3    /CUSTOM/dbms/DSS/DsStSKNumStackers.sp
  223      7    /CUSTOM/dbms/DSS/DsStSKSelect.sp
32599      6    /CUSTOM/dbms/DSS/DsStSKSelectAll.sp
34555      7    /CUSTOM/dbms/DSS/DsStSKSelectByDevSrvType.sp
63755      6    /CUSTOM/dbms/DSS/DsStSKSelectByStackerNumber.sp
62046      4    /CUSTOM/dbms/DSS/DsStSKSelectByTapeGrp.sp
61419      4    /CUSTOM/dbms/DSS/DsStSKUpdStackerStatus.sp
```

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46225        6    /CUSTOM/dbms/DSS/DsStSKUpdate.sp
 4603       10    /CUSTOM/dbms/DSS/DsStSLCheckOpenSlot.sp
65100       10    /CUSTOM/dbms/DSS/DsStSLInsUpdDelTrig.sql
29497        7    /CUSTOM/dbms/DSS/DsStSLMoveDriveSlot.sp
30017        7    /CUSTOM/dbms/DSS/DsStSLMoveSlotDrive.sp
41683        7    /CUSTOM/dbms/DSS/DsStSLMoveSlotSlot.sp
37013        6    /CUSTOM/dbms/DSS/DsStSLSelect.sp
24213        5    /CUSTOM/dbms/DSS/DsStSLSelectCurrentDrive.sp
17451        5    /CUSTOM/dbms/DSS/DsStSLSelectElemNo.sp
22699       12    /CUSTOM/dbms/DSS/DsStSLSelectOpenSlotDrive.sp
13951        5    /CUSTOM/dbms/DSS/DsStSLUpdateCurrentStatus.sp
 6533        4    /CUSTOM/dbms/DSS/DsStSLUpdateStatus.sp
30701        5    /CUSTOM/dbms/DSS/DsStSLUpdateUse.sp
10863        5    /CUSTOM/dbms/DSS/DsStSMRDeleteById.sp
62994        8    /CUSTOM/dbms/DSS/DsStSMREndPending.sp
38070        6    /CUSTOM/dbms/DSS/DsStSMREndSuspended.sp
18064       20    /CUSTOM/dbms/DSS/DsStSMRInsert.sp
36000        7    /CUSTOM/dbms/DSS/DsStSMRSelectAllSuspended.sp
43680        8    /CUSTOM/dbms/DSS/DsStSMRSelectByFileName.sp
 3658        7    /CUSTOM/dbms/DSS/DsStSMRSelectById.sp
39891        8    /CUSTOM/dbms/DSS/DsStSMRSelectSuspended.sp
54936        8    /CUSTOM/dbms/DSS/DsStSMRUpdateStateDriver.sp
15294        5    /CUSTOM/dbms/DSS/DsStSSelect.sp
40929        4    /CUSTOM/dbms/DSS/DsStSSelectById.sp
45512        5    /CUSTOM/dbms/DSS/DsStSSelectByType.sp
 7747        5    /CUSTOM/dbms/DSS/DsStSSelectDeviceName.sp
13654        6    /CUSTOM/dbms/DSS/DsStSTSelect.sp
12384        7    /CUSTOM/dbms/DSS/DsStSUpdate.sp
 9036        5    /CUSTOM/dbms/DSS/DsStSUpdateStatus.sp
31399       11    /CUSTOM/dbms/DSS/DsStScheduler.sp
21519        5    /CUSTOM/dbms/DSS/DsStTGDelete.sp
12841        7    /CUSTOM/dbms/DSS/DsStTGInsert.sp
29710        5    /CUSTOM/dbms/DSS/DsStTGSSelect.sp
21248       14    /CUSTOM/dbms/DSS/DsStTGSUpdate.sp
58327        4    /CUSTOM/dbms/DSS/DsStTGSelect.sp
46903        6    /CUSTOM/dbms/DSS/DsStTSelectLoc.sp
32501        4    /CUSTOM/dbms/DSS/DsStTUpdateLoc.sp
63626        8    /CUSTOM/dbms/DSS/DsStVGInsert.sp
22623        5    /CUSTOM/dbms/DSS/DsStVGSelectById.sp
46738        6    /CUSTOM/dbms/DSS/DsStVGSelectHistory.sp
21610        8    /CUSTOM/dbms/DSS/DsStVGUpdate.sp
35623        4    /CUSTOM/dbms/DSS/EcDsStDbCheckObjects.sql
39569        9    /CUSTOM/dbms/DSS/EcDsStDbDataThresh
63758       10    /CUSTOM/dbms/DSS/EcDsStDbDesc
56332        6    /CUSTOM/dbms/DSS/EcDsStDbDropDataThresh
55580        7    /CUSTOM/dbms/DSS/EcDsStDbInitialData.sql
14378        8    /CUSTOM/dbms/DSS/EcDsStDbLogin
56369        4    /CUSTOM/dbms/DSS/EcDsStDbPatch1.ksh
51178        6    /CUSTOM/dbms/DSS/EcDsStDbPatch1.sql
 4072        5    /CUSTOM/dbms/DSS/EcDsStDbPatch10.ksh
42125        4    /CUSTOM/dbms/DSS/EcDsStDbPatch10.sql
48762        4    /CUSTOM/dbms/DSS/EcDsStDbPatch11.ksh
16275        5    /CUSTOM/dbms/DSS/EcDsStDbPatch11.sql
30065        4    /CUSTOM/dbms/DSS/EcDsStDbPatch12.ksh
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47411        4    /CUSTOM/dbms/DSS/EcDsStDbPatch12.sql
40288        4    /CUSTOM/dbms/DSS/EcDsStDbPatch13.ksh
48434        9    /CUSTOM/dbms/DSS/EcDsStDbPatch13.sql
47586        6    /CUSTOM/dbms/DSS/EcDsStDbPatch2.ksh
44778        4    /CUSTOM/dbms/DSS/EcDsStDbPatch2.sql
18041        5    /CUSTOM/dbms/DSS/EcDsStDbPatch3.ksh
55979        5    /CUSTOM/dbms/DSS/EcDsStDbPatch3.sql
39636       18    /CUSTOM/dbms/DSS/EcDsStDbPatch4.ksh
18663        4    /CUSTOM/dbms/DSS/EcDsStDbPatch4.sql
40415        4    /CUSTOM/dbms/DSS/EcDsStDbPatch5.ksh
41719        4    /CUSTOM/dbms/DSS/EcDsStDbPatch5.sql
28179        4    /CUSTOM/dbms/DSS/EcDsStDbPatch6.ksh
41623        4    /CUSTOM/dbms/DSS/EcDsStDbPatch6.sql
30369        4    /CUSTOM/dbms/DSS/EcDsStDbPatch7.ksh
41631        4    /CUSTOM/dbms/DSS/EcDsStDbPatch7.sql
39509        4    /CUSTOM/dbms/DSS/EcDsStDbPatch8.ksh
41625        4    /CUSTOM/dbms/DSS/EcDsStDbPatch8.sql
16626        3    /CUSTOM/dbms/DSS/EcDsStDbPatch9.ksh
21936        5    /CUSTOM/dbms/DSS/EcDsStDbPatch9.sql
15509       10    /CUSTOM/dbms/DSS/EcDsStDbPermissions
28314       44    /CUSTOM/dbms/DSS/EcDsStDbReadMe.txt
 9065       91    /CUSTOM/dbms/DSS/EcDsStDbTables.sql
33290       17    /CUSTOM/dbms/DSS/EcDsStDbThreshold
53256        9    /CUSTOM/dbms/DSS/EcDsStDbUser
55778        3    /CUSTOM/dbms/INS/EcInDbBcpIn
54488        3    /CUSTOM/dbms/INS/EcInDbBcpOut
22499        3    /CUSTOM/dbms/INS/EcInDbCheckObjects.sql
45196        9    /CUSTOM/dbms/INS/EcInDbDataThresh
63249       10    /CUSTOM/dbms/INS/EcInDbDesc
55422        6    /CUSTOM/dbms/INS/EcInDbDropDataThresh
12006      913    /CUSTOM/dbms/INS/EcInDbInitialDatagsfc.sql
18800        7    /CUSTOM/dbms/INS/EcInDbLogin
22244        3    /CUSTOM/dbms/INS/EcInDbPatch1.ksh
52774        6    /CUSTOM/dbms/INS/EcInDbPatch1.sql
23466        4    /CUSTOM/dbms/INS/EcInDbPatch10.ksh
  614        5    /CUSTOM/dbms/INS/EcInDbPatch10.sql
23675        4    /CUSTOM/dbms/INS/EcInDbPatch11.ksh
28020        8    /CUSTOM/dbms/INS/EcInDbPatch11.sql
36620        4    /CUSTOM/dbms/INS/EcInDbPatch12.ksh
37401        4    /CUSTOM/dbms/INS/EcInDbPatch12.sql
23714        4    /CUSTOM/dbms/INS/EcInDbPatch13.ksh
53471        6    /CUSTOM/dbms/INS/EcInDbPatch13.sql
23724        4    /CUSTOM/dbms/INS/EcInDbPatch14.ksh
44642        4    /CUSTOM/dbms/INS/EcInDbPatch14.sql
23780        4    /CUSTOM/dbms/INS/EcInDbPatch15.ksh
53047        4    /CUSTOM/dbms/INS/EcInDbPatch15.sql
23756        4    /CUSTOM/dbms/INS/EcInDbPatch16.ksh
52870       11    /CUSTOM/dbms/INS/EcInDbPatch16.sql
23621        4    /CUSTOM/dbms/INS/EcInDbPatch17.ksh
27627        9    /CUSTOM/dbms/INS/EcInDbPatch17.sql
23637        4    /CUSTOM/dbms/INS/EcInDbPatch18.ksh
 8384      264    /CUSTOM/dbms/INS/EcInDbPatch18.sql
23698        4    /CUSTOM/dbms/INS/EcInDbPatch19.ksh
34222       86    /CUSTOM/dbms/INS/EcInDbPatch19.sql
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37928       4     /CUSTOM/dbms/INS/EcInDbPatch2.ksh
47187       6     /CUSTOM/dbms/INS/EcInDbPatch2.sql
23660       4     /CUSTOM/dbms/INS/EcInDbPatch20.ksh
32427       6     /CUSTOM/dbms/INS/EcInDbPatch20.sql
23648       4     /CUSTOM/dbms/INS/EcInDbPatch21.ksh
54312       6     /CUSTOM/dbms/INS/EcInDbPatch21.sql
41887       6     /CUSTOM/dbms/INS/EcInDbPatch3.ksh
16068       5     /CUSTOM/dbms/INS/EcInDbPatch3.sql
37906       4     /CUSTOM/dbms/INS/EcInDbPatch4.ksh
 7948      16     /CUSTOM/dbms/INS/EcInDbPatch4.sql
13268       6     /CUSTOM/dbms/INS/EcInDbPatch5.ksh
 5216       3     /CUSTOM/dbms/INS/EcInDbPatch5.sql
 9695       8     /CUSTOM/dbms/INS/EcInDbPatch6.ksh
52551       4     /CUSTOM/dbms/INS/EcInDbPatch6.sql
25171       3     /CUSTOM/dbms/INS/EcInDbPatch7.ksh
14564       9     /CUSTOM/dbms/INS/EcInDbPatch7.sql
21212       3     /CUSTOM/dbms/INS/EcInDbPatch8.ksh
44682       4     /CUSTOM/dbms/INS/EcInDbPatch8.sql
21222       3     /CUSTOM/dbms/INS/EcInDbPatch9.ksh
23293       7     /CUSTOM/dbms/INS/EcInDbPatch9.sql
60242       9     /CUSTOM/dbms/INS/EcInDbPermissions
30158      53     /CUSTOM/dbms/INS/EcInDbReadMe.txt
35148      50     /CUSTOM/dbms/INS/EcInDbTables.sql
23227      17     /CUSTOM/dbms/INS/EcInDbThreshold
42365       7     /CUSTOM/dbms/INS/EcInDbUser
33175       4     /CUSTOM/dbms/INS/InCDTInsert.sp
23071       3     /CUSTOM/dbms/INS/InCDTSelectByType.sp
55044       4     /CUSTOM/dbms/INS/InCDTUpdateTrig.sql
54433       4     /CUSTOM/dbms/INS/InDTTInsertTrig.sql
61099       4     /CUSTOM/dbms/INS/InDTTUpdSdsrvType.sp
46309       6     /CUSTOM/dbms/INS/InEDPIUpdCurr.sp
47818      10     /CUSTOM/dbms/INS/InEDPIUpdate.sp
55692       4     /CUSTOM/dbms/INS/InFTTInsertTrig.sql
62714       4     /CUSTOM/dbms/INS/InGSIUpdate.sp
36945       4     /CUSTOM/dbms/INS/InGetID.sp
56001       4     /CUSTOM/dbms/INS/InNextSourceIDGet.sp
58982       6     /CUSTOM/dbms/INS/InProcNumObjects.sp
45102       4     /CUSTOM/dbms/INS/InRFIInsert.sp
55433       4     /CUSTOM/dbms/INS/InRFIInsertTrig.sql
24744      12     /CUSTOM/dbms/INS/InRFIUpdFile.sp
31699       3     /CUSTOM/dbms/INS/InRFIUpdGranuleStatus.sp
48533       4     /CUSTOM/dbms/INS/InRFIUpdState.sp
44819       4     /CUSTOM/dbms/INS/InRFIUpdStateStatus.sp
30942       3     /CUSTOM/dbms/INS/InRFIUpdStatus.sp
18855       5     /CUSTOM/dbms/INS/InRPDInsert.sp
 2847       8     /CUSTOM/dbms/INS/InRPDRecov.sp
33053       4     /CUSTOM/dbms/INS/InRPDSetGranComp.sp
42727       4     /CUSTOM/dbms/INS/InRPDUpdEndTime.sp
50816       4     /CUSTOM/dbms/INS/InRPDUpdGranule.sp
37582       4     /CUSTOM/dbms/INS/InRPDUpdHandle.sp
28926       4     /CUSTOM/dbms/INS/InRPDUpdStagReq.sp
37216       4     /CUSTOM/dbms/INS/InRPDUpdStaging.sp
44822       4     /CUSTOM/dbms/INS/InRPDUpdStartTime.sp
41016       4     /CUSTOM/dbms/INS/InRPDUpdStateArch.sp
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40059          4      /CUSTOM/dbms/INS/InRPDUpdStateDefault.sp
45480          4      /CUSTOM/dbms/INS/InRPDUpdStatePreproc.sp
42807          4      /CUSTOM/dbms/INS/InRPDUpdStateXfer.sp
39832         38      /CUSTOM/dbms/INS/InRPHColdRestart.sp
30113         37      /CUSTOM/dbms/INS/InRPHColdRestartPolling.sp
55065         20      /CUSTOM/dbms/INS/InRPHColdStart.sp
12266         17      /CUSTOM/dbms/INS/InRPHDelCompReq.sp
11850         10      /CUSTOM/dbms/INS/InRPHDelete.sp
30373          7      /CUSTOM/dbms/INS/InRPHInsert.sp
 5681         10      /CUSTOM/dbms/INS/InRPHUpdCompReq.sp
49423          4      /CUSTOM/dbms/INS/InRPHUpdDDNDest.sp
31524          4      /CUSTOM/dbms/INS/InRPHUpdEndTime.sp
17942          3      /CUSTOM/dbms/INS/InRPHUpdExpired.sp
51308          6      /CUSTOM/dbms/INS/InRPHUpdFailReq.sp
42765         11      /CUSTOM/dbms/INS/InRPHUpdFailTime.sp
32248          3      /CUSTOM/dbms/INS/InRPHUpdPercentCompleteArch.sp
32947          3      /CUSTOM/dbms/INS/InRPHUpdPercentCompletePre.sp
32409          3      /CUSTOM/dbms/INS/InRPHUpdPercentCompleteXfer.sp
21608          3      /CUSTOM/dbms/INS/InRPHUpdPriority.sp
37947          4      /CUSTOM/dbms/INS/InRPHUpdPriorityDataProv.sp
12279          5      /CUSTOM/dbms/INS/InRPHUpdReqMgrRpcID.sp
54441          4      /CUSTOM/dbms/INS/InRPHUpdState.sp
 6872         22      /CUSTOM/dbms/INS/InRPHUpdStateChng.sp
16065          8      /CUSTOM/dbms/INS/InRPHWarmStart.sp
48478          4      /CUSTOM/dbms/INS/InSMCFDeleteTrig.sql
 2718          7      /CUSTOM/dbms/INS/InSMCFInsert.sp
31286          5      /CUSTOM/dbms/INS/InSPUpdAll.sp
51525        356      /CUSTOM/lib/COM/libEcPoDbCTSh.so
33784        437      /CUSTOM/lib/COM/libEcPoDbRWSh.so
10980        634      /CUSTOM/lib/COM/libEcUrSh.so
56335        109      /CUSTOM/lib/COM/libEcUtFactorySh.so
25120        223      /CUSTOM/lib/COM/libEcUtMiscSh.so
15991        648      /CUSTOM/lib/COM/libEcUtSh.so
39107       2073      /CUSTOM/lib/COM/libsrfSh.so
47626        201      /CUSTOM/lib/CSS/libCsEmMailRelASh.so
 4213        120      /CUSTOM/lib/CSS/libCsFtFTPNotifySh.so
22069        301      /CUSTOM/lib/CSS/libCsFtFTPRelASh.so
 7305        510      /CUSTOM/lib/CSS/libCsFtFTPSchedObjSh.so
23124         57      /CUSTOM/lib/CSS/libCsSeCryptoDesSh.so
63146        136      /CUSTOM/lib/CSS/libEcCfSh.so
37032       4973      /CUSTOM/lib/CSS/libEcDcMsgPsng1Sh.so
12589        631      /CUSTOM/lib/CSS/libEcDcNotifySh.so
33460        528      /CUSTOM/lib/CSS/libEcDnDirSh.so
46306        739      /CUSTOM/lib/CSS/libEcFhSh.so
32059        243      /CUSTOM/lib/CSS/libEcNsServiceLocSh.so
15933        318      /CUSTOM/lib/CSS/libEcNsServiceLocatorSh.so
 3548       1523      /CUSTOM/lib/CSS/libEcPfSh.so
61745         68      /CUSTOM/lib/CSS/libEcPtSpecialLockSh.so
 5680         33      /CUSTOM/lib/CSS/libEcSeAuthnSh.so
59063         75      /CUSTOM/lib/CSS/libEcSeCmiSh.so
16557         48      /CUSTOM/lib/CSS/libEcSeLoginContextSh.so
11345         46      /CUSTOM/lib/CSS/libEcSeLoginSh.so
49550       1021      /CUSTOM/lib/CSS/libEcSeSecuritySh.so
47847         67      /CUSTOM/lib/CSS/libEcSeServerKeyMgmtSh.so
```

```
 6048      454   /CUSTOM/lib/CSS/libEcSeSybSecuritySh.so
18130      239   /CUSTOM/lib/CSS/libEcSeSybSecurityStubbedSh.so
46062      470   /CUSTOM/lib/CSS/libEcSeUtilityCtSh.so
 5222      192   /CUSTOM/lib/CSS/libEcSeUtilityCtStubbedSh.so
60841      231   /CUSTOM/lib/CSS/libEcSeUtilityDbSh.so
60610       91   /CUSTOM/lib/CSS/libEcSeUtilityDbStubbedSh.so
 4403      229   /CUSTOM/lib/CSS/libEcTiTimeSh.so
34190       98   /CUSTOM/lib/CSS/libagenteventSh.so
55604       55   /CUSTOM/lib/CSS/libdesSh.so
61366      121   /CUSTOM/lib/CSS/libeventSh.so
20931      155   /CUSTOM/lib/DSS/libDsCnSh.so
24423    10613   /CUSTOM/lib/DSS/libDsShSh.so
48427    10830   /CUSTOM/lib/DSS/libDsStCmnShSh.so
 6606     1240   /CUSTOM/lib/DSS/libDsStDisFtpShSh.so
17744      473   /CUSTOM/lib/DSS/libDsStFtpSh.so
36829     1022   /CUSTOM/lib/DSS/libDsStIngestFtpShSh.so
35942     1503   /CUSTOM/lib/DSS/libDsStNetShSh.so
21368    14851   /CUSTOM/lib/DSS/libDsStResShSh.so
24226    27607   /CUSTOM/lib/DSS/libDsStStSh.so
 2257     2209   /CUSTOM/lib/DSS/libGlSh.so
14036      630   /CUSTOM/lib/IOS/libEcPoSh.so
  966     5595   /CUSTOM/lib/IOS/libIoAdCoreSh.so
60214     2067   /CUSTOM/lib/IOS/libIoAdProxySh.so
35517     1832   /CUSTOM/lib/IOS/libIoAdSearchSh.so
39098     2067   /CUSTOM/lib/IOS/libIoAdServerSh.so
46721     1860   /CUSTOM/lib/IOS/libIoAdSubsSh.so
53566       81   /CUSTOM/lib/MSS/libDeputyClientSh.so
53179     3273   /CUSTOM/lib/MSS/libEcAgInstrmSh.so
58679      849   /CUSTOM/lib/MSS/libEcAgMdaSh.so
 5008     1935   /CUSTOM/lib/MSS/libEcAgProxySh.so
27560     5167   /CUSTOM/security/EcSeRandomDataFile
44799        7   /CUSTOM/toolkit/database/common/TD/leapsec.dat
64977       13   /CUSTOM/toolkit/message/PGS_1
62386        8   /CUSTOM/toolkit/message/PGS_10
 3330        2   /CUSTOM/toolkit/message/PGS_11
18802        6   /CUSTOM/toolkit/message/PGS_12
37215       17   /CUSTOM/toolkit/message/PGS_13
30639        1   /CUSTOM/toolkit/message/PGS_14
59582        5   /CUSTOM/toolkit/message/PGS_3
15594       10   /CUSTOM/toolkit/message/PGS_4
 1178        2   /CUSTOM/toolkit/message/PGS_5
  665        4   /CUSTOM/toolkit/message/PGS_6
 9572        2   /CUSTOM/toolkit/message/PGS_7
31824        6   /CUSTOM/toolkit/message/PGS_9
  580        8   /CUSTOM/toolkit/message/PGS_AA_10.t
31254        5   /CUSTOM/toolkit/message/PGS_CBP_6.t
21558       10   /CUSTOM/toolkit/message/PGS_CSC_4.t
10104        2   /CUSTOM/toolkit/message/PGS_CUC_11.t
37460        1   /CUSTOM/toolkit/message/PGS_DEM_14.t
 5821        2   /CUSTOM/toolkit/message/PGS_EPH_5.t
 4062        7   /CUSTOM/toolkit/message/PGS_GCT_12.t
34488       18   /CUSTOM/toolkit/message/PGS_IO_1.t
 7957        2   /CUSTOM/toolkit/message/PGS_MEM_7.t
 5492       20   /CUSTOM/toolkit/message/PGS_MET_13.t
```

```
28754        6    /CUSTOM/toolkit/message/PGS_PC_9.t
61715        5    /CUSTOM/toolkit/message/PGS_TD_3.t
20929        3    /CUSTOM/utilities/EcCoEnvKsh
28965        2    /CUSTOM/utilities/EcCsEnvKsh
29077        2    /CUSTOM/utilities/EcDbDdmEnvKsh
24683       11    /CUSTOM/utilities/EcDpScAutosysMkcfg
30357        2    /CUSTOM/utilities/EcDpScEnvKsh
22177        9    /CUSTOM/utilities/EcDpScToolkitMkcfg
22432       55    /CUSTOM/utilities/EcDsCheckArchive
42205        6    /CUSTOM/utilities/EcDsCheckArchive.README
50894       34    /CUSTOM/utilities/EcDsHdfEosServerMkcfg
16721        5    /CUSTOM/utilities/EcDsHdfEosServerStart
31463        8    /CUSTOM/utilities/EcDsScienceDataServerAppMkcfg
 8101        9    /CUSTOM/utilities/EcDsScienceDataServerAppStart
22942        7    /CUSTOM/utilities/EcDsSrDbDump
16145        7    /CUSTOM/utilities/EcDsSrDbLoad
29360        2    /CUSTOM/utilities/EcDsSrEnvKsh
 9927        7    /CUSTOM/utilities/EcDsSrMkCdsEntry
26818        5    /CUSTOM/utilities/EcDsSrMkcfg
14528        5    /CUSTOM/utilities/EcDsSrStart
  545       15    /CUSTOM/utilities/EcDsStARCHRESCONFIGMkcfg
44062       29    /CUSTOM/utilities/EcDsStArchiveServerMkcfg
 8804        5    /CUSTOM/utilities/EcDsStArchiveServerStart
21826       16    /CUSTOM/utilities/EcDsStConfigVolGrps
46519        2    /CUSTOM/utilities/EcDsStCreateESDTFile.ksh
35318       12    /CUSTOM/utilities/EcDsStDbBuild
23082       15    /CUSTOM/utilities/EcDsStDbDrop
51058        9    /CUSTOM/utilities/EcDsStDbDump
43881        9    /CUSTOM/utilities/EcDsStDbDumpTrans
30873        9    /CUSTOM/utilities/EcDsStDbLoad
34580        9    /CUSTOM/utilities/EcDsStDbLoadTrans
21636       17    /CUSTOM/utilities/EcDsStDbPatch
29358        2    /CUSTOM/utilities/EcDsStEnvKsh
34283        9    /CUSTOM/utilities/EcDsStFilesPerTapeUtility
50113       30    /CUSTOM/utilities/EcDsStFtpDisServerMkcfg
 2772        5    /CUSTOM/utilities/EcDsStFtpDisServerStart
40442       29    /CUSTOM/utilities/EcDsStIngestFtpServerMkcfg
 3802        5    /CUSTOM/utilities/EcDsStIngestFtpServerStart
  887        5    /CUSTOM/utilities/EcDsStMkCdsEntry
21494        5    /CUSTOM/utilities/EcDsStMkcfg
24671       28    /CUSTOM/utilities/EcDsStPullMonitorServerMkcfg
65534        5    /CUSTOM/utilities/EcDsStPullMonitorServerStart
14538        9    /CUSTOM/utilities/EcDsStSTAGINGMONITORMkcfg
17600       28    /CUSTOM/utilities/EcDsStStagingDiskServerMkcfg
 3889        5    /CUSTOM/utilities/EcDsStStagingDiskServerStart
47518       29    /CUSTOM/utilities/EcDsStStagingMonitorServerMkcfg
 5103        5    /CUSTOM/utilities/EcDsStStagingMonitorServerStart
19267        5    /CUSTOM/utilities/EcDsStStart
 4488        9    /CUSTOM/utilities/EcDsStStorageMgmtAppMkcfg
16772        5    /CUSTOM/utilities/EcDsStStorageMgmtAppStart
10725        9    /CUSTOM/utilities/EcDsStVolGrpCreateMain.pl
16674        9    /CUSTOM/utilities/EcEcsAppMkcfg
62229        3    /CUSTOM/utilities/EcEcsAppStart
31649       29    /CUSTOM/utilities/EcInAutoMkcfg
```

```
30883       6     /CUSTOM/utilities/EcInAutoStart
49959       2     /CUSTOM/utilities/EcInCopyAM1ANC
45843      12     /CUSTOM/utilities/EcInDbBuild
15226      15     /CUSTOM/utilities/EcInDbDrop
50524       9     /CUSTOM/utilities/EcInDbDump
41141       9     /CUSTOM/utilities/EcInDbDumpTrans
31017       9     /CUSTOM/utilities/EcInDbLoad
33970       9     /CUSTOM/utilities/EcInDbLoadTrans
 7673      19     /CUSTOM/utilities/EcInDbPatch
59992       6     /CUSTOM/utilities/EcInEDOSCleanupMain
14921       7     /CUSTOM/utilities/EcInEDOSCleanupSubroutine
45688       2     /CUSTOM/utilities/EcInEnvKsh
59693      12     /CUSTOM/utilities/EcInFtpMkcfg
46787       6     /CUSTOM/utilities/EcInGWClientDrvStart
53115      35     /CUSTOM/utilities/EcInGranMkcfg
 6875       7     /CUSTOM/utilities/EcInGranStart
33979      10     /CUSTOM/utilities/EcInIngestAppMkcfg
28084      16     /CUSTOM/utilities/EcInIngestAppStart
59610       3     /CUSTOM/utilities/EcInInitPasswdStart
19829      21     /CUSTOM/utilities/EcInInterMkcfg
27422       7     /CUSTOM/utilities/EcInMkCdsEntry
35468       8     /CUSTOM/utilities/EcInMkDataDirs
38967       9     /CUSTOM/utilities/EcInMkcfg
63069       4     /CUSTOM/utilities/EcInPollClean
51788      31     /CUSTOM/utilities/EcInPollingMkcfg
61507       7     /CUSTOM/utilities/EcInPollingStart
48131      29     /CUSTOM/utilities/EcInReqMgrMkcfg
55669       6     /CUSTOM/utilities/EcInReqMgrStart
48152       4     /CUSTOM/utilities/EcInRunGWClientDrv
12338       7     /CUSTOM/utilities/EcInStart
31763      12     /CUSTOM/utilities/EcMsAgAgentMkcfg
53395       5     /CUSTOM/utilities/EcMsAgBootScript
55746       5     /CUSTOM/utilities/EcMsAgCheckCMS_Dir
36357      11     /CUSTOM/utilities/EcMsAgEncpsMkcfg
29115       2     /CUSTOM/utilities/EcMsAgEnvKsh
64556      32     /CUSTOM/utilities/EcMsAgGenProxyMkcfg
36677       4     /CUSTOM/utilities/EcMsAgGenProxyStart
49393       4     /CUSTOM/utilities/EcMsAgMkCdsEntry
16181      11     /CUSTOM/utilities/EcMsAgPeerStart
37295      28     /CUSTOM/utilities/EcMsAgSubAgentMkcfg
56031       6     /CUSTOM/utilities/EcMsAgSubAgentStart
51767       6     /CUSTOM/utilities/EcMsAgentStart
54491      18     /CUSTOM/utilities/EcMsAsAddHeader.pl
 3301      15     /CUSTOM/utilities/EcMsAsRemoveHeader.pl
38219      14     /CUSTOM/utilities/InPollingMkcfg
```

D.4 DROP5A_EPSILON_FINAL_PATCH_ sgi6n32/EcDsStVolGrpCreateMain.pl

Checksum **Blocksize** **Filename**

```
55211      67     /DROP5A_EPSILON_FINAL_PATCH_sgi6n32/.EcDsStmgtDB.iu
50884      27     /DROP5A_EPSILON_FINAL_PATCH_sgi6n32/.cfgpatch
13443       3     /DROP5A_EPSILON_FINAL_PATCH_sgi6n32/.dbparms
```

```
  1608     130    /DROP5A_EPSILON_FINAL_PATCH_sgi6n32/.sitemap
 12669     460
/DROP5A_EPSILON_FINAL_PATCH_sgi6n32/DROP5A_EPSILON_FINAL_PATCH_sgi6n32.t
ar
 62721      11
/DROP5A_EPSILON_FINAL_PATCH_sgi6n32/DsStFLSelectDeleteByCount.sp
 22440      16
/DROP5A_EPSILON_FINAL_PATCH_sgi6n32/EcDsStConfigVolGrps
 46967       2
/DROP5A_EPSILON_FINAL_PATCH_sgi6n32/EcDsStCreateESDTFile.ksh
 55135       7
/DROP5A_EPSILON_FINAL_PATCH_sgi6n32/EcDsStDbInitialData.sql
 41977      18    /DROP5A_EPSILON_FINAL_PATCH_sgi6n32/EcDsStDbPatch
 31387       4
/DROP5A_EPSILON_FINAL_PATCH_sgi6n32/EcDsStDbPatch14.ksh
 49794       5
/DROP5A_EPSILON_FINAL_PATCH_sgi6n32/EcDsStDbPatch14.sql
  3136      45    /DROP5A_EPSILON_FINAL_PATCH_sgi6n32/EcDsStDbReadMe.txt
  9442      91    /DROP5A_EPSILON_FINAL_PATCH_sgi6n32/EcDsStDbTables.sql
 10390       9
/DROP5A_EPSILON_FINAL_PATCH_sgi6n32/EcDsStVolGrpCreateMain.pl
```

D.5   5A_EPSILON_sun5.5_19990701_150223_Pkg.tar

Checksum **Blocksize**   **Filename**
```
 51216    2014    /5A_EPSILON_sun5.5_19990701_150223_EA.tar
  45343650693     /5A_EPSILON_sun5.5_19990701_150223_Pkg.tar
 58586      21    /5A_EPSILON_sun5.5_19990701_150223_Setup.ksh
  8062       8    /CUSTOM/.applications
 28203      41    /CUSTOM/.cfgpatch
 56711      12    /CUSTOM/.envvars
 40008      45    /CUSTOM/.executables
  2887       9    /CUSTOM/.hostmap
 54168      25    /CUSTOM/.installtypes
 13949     129    /CUSTOM/.sitemap
 29273       4    /CUSTOM/.subsystems
  4326       1    /CUSTOM/WWW/CLS/URT/ClWbUrConfProDesc.tmpl
  4346       1    /CUSTOM/WWW/CLS/URT/ClWbUrConfReqDesc.tmpl
 55968       2    /CUSTOM/WWW/CLS/URT/ClWbUrFoot.tmpl
  5815      10    /CUSTOM/WWW/CLS/URT/ClWbUrHead.tmpl
 57385      10    /CUSTOM/WWW/CLS/URT/ClWbUrHeadConf.tmpl
 35630       4    /CUSTOM/WWW/CLS/URT/ClWbUrProfileBody.tmpl
 39670      10    /CUSTOM/WWW/CLS/URT/ClWbUrProfileBody4.tmpl
 23808       1    /CUSTOM/WWW/CLS/URT/ClWbUrProfileDesc.tmpl
 53849       4    /CUSTOM/WWW/CLS/URT/ClWbUrRequestBody.tmpl
 17914       1    /CUSTOM/WWW/CLS/URT/ClWbUrRequestBody2.tmpl
  7796       1    /CUSTOM/WWW/CLS/URT/ClWbUrRequestBody3.tmpl
 31265       5    /CUSTOM/WWW/CLS/URT/ClWbUrRequestBody4.tmpl
 14250       1    /CUSTOM/WWW/CLS/URT/ClWbUrRequestBodyAffiliation.tmpl
 11151       1    /CUSTOM/WWW/CLS/URT/ClWbUrRequestBodyHomedaac.tmpl
 43496       1

                 /CUSTOM/WWW/CLS/URT/ClWbUrRequestBodyPrimaryInterest.t
            mpl
```

```
 3404     2    /CUSTOM/WWW/CLS/URT/ClWbUrRequestDesc.tmpl
 4676     1    /CUSTOM/WWW/CLS/URT/ClWbUrSubmitDesc.tmpl
19553     2    /CUSTOM/WWW/CLS/URT/HomeDAAC.html
61881     2    /CUSTOM/WWW/CLS/URT/MaidName.html
 3954     1    /CUSTOM/WWW/CLS/URT/MsAcAffiliation.dat
 4884     1    /CUSTOM/WWW/CLS/URT/MsAcHomeDAAC.dat
32493     1    /CUSTOM/WWW/CLS/URT/MsAcPrimaryAreaStudy.dat
45463    11    /CUSTOM/WWW/DPS/DpAtMgr_ESDTMetadata.html
32681     6    /CUSTOM/WWW/DPS/DpAtMgr_PGEMetadata.html
 8489    17    /CUSTOM/WWW/DPS/DpAtMgr_RuleMetadata.html
38670     5    /CUSTOM/WWW/DPS/DpAtMgr_about.html
53148     3    /CUSTOM/WWW/DPS/DpAtMgr_acrobat.html
42148     3    /CUSTOM/WWW/DPS/DpAtMgr_ascii.html
54889     5    /CUSTOM/WWW/DPS/DpAtMgr_bidiff.html
54941     3    /CUSTOM/WWW/DPS/DpAtMgr_casevision.html
37795     6    /CUSTOM/WWW/DPS/DpAtMgr_checklist.html
62777    14    /CUSTOM/WWW/DPS/DpAtMgr_checklist_1.gif
23264     7    /CUSTOM/WWW/DPS/DpAtMgr_checklist_2.gif
28307    16    /CUSTOM/WWW/DPS/DpAtMgr_checkodl.html
12536    16    /CUSTOM/WWW/DPS/DpAtMgr_createodl.html
10014    13    /CUSTOM/WWW/DPS/DpAtMgr_dap.html
24542    21    /CUSTOM/WWW/DPS/DpAtMgr_dynamic.html
64057     2    /CUSTOM/WWW/DPS/DpAtMgr_eosview.html
46091    17    /CUSTOM/WWW/DPS/DpAtMgr_exetar.html
41675     2    /CUSTOM/WWW/DPS/DpAtMgr_file.html
37716     7    /CUSTOM/WWW/DPS/DpAtMgr_forchk.html
 1617    11    /CUSTOM/WWW/DPS/DpAtMgr_getMCF.html
23844     3    /CUSTOM/WWW/DPS/DpAtMgr_hdfcheck.html
19595     3    /CUSTOM/WWW/DPS/DpAtMgr_hdiff.html
 1051     5    /CUSTOM/WWW/DPS/DpAtMgr_idl.html
45399     5    /CUSTOM/WWW/DPS/DpAtMgr_index.html
26855    16    /CUSTOM/WWW/DPS/DpAtMgr_internalPcf.html
45625     6    /CUSTOM/WWW/DPS/DpAtMgr_log.html
27958    22    /CUSTOM/WWW/DPS/DpAtMgr_log_1.gif
15352     8    /CUSTOM/WWW/DPS/DpAtMgr_opnlupdate.html
46361     5    /CUSTOM/WWW/DPS/DpAtMgr_pcf.html
59208     9    /CUSTOM/WWW/DPS/DpAtMgr_pro.html
61347     7    /CUSTOM/WWW/DPS/DpAtMgr_prolog.html
58460     5    /CUSTOM/WWW/DPS/DpAtMgr_run.html
37809    18    /CUSTOM/WWW/DPS/DpAtMgr_sciupdate.html
60444     2    /CUSTOM/WWW/DPS/DpAtMgr_standards.html
33014    21    /CUSTOM/WWW/DPS/DpAtMgr_static.html
42870     8    /CUSTOM/WWW/DPS/DpAtMgr_tools.html
34294     9    /CUSTOM/WWW/IOS/EcIoAbout.html
39933     5    /CUSTOM/WWW/IOS/EcIoAttributesValid.html
53867     2    /CUSTOM/WWW/IOS/EcIoBaseMap.html
 3528     1    /CUSTOM/WWW/IOS/EcIoBlank.html
49388     2    /CUSTOM/WWW/IOS/EcIoCheck.gif
46101    13    /CUSTOM/WWW/IOS/EcIoChooseDAAC.html
44562     9    /CUSTOM/WWW/IOS/EcIoComBanner.gif
32715     1    /CUSTOM/WWW/IOS/EcIoConstruct.gif
24667    11    /CUSTOM/WWW/IOS/EcIoCreateContactIntro.html
57053     8    /CUSTOM/WWW/IOS/EcIoCreateInstServIntro.html
38709     9    /CUSTOM/WWW/IOS/EcIoCreateProductIntro.html
```

```
43126     5   /CUSTOM/WWW/IOS/EcIoCreateProviderIntro.html
 6775     6   /CUSTOM/WWW/IOS/EcIoCreateServiceIntro.html
27389     1   /CUSTOM/WWW/IOS/EcIoCreateTemplateIntro.html
31418     7   /CUSTOM/WWW/IOS/EcIoCreateWebServIntro.html
19246    20   /CUSTOM/WWW/IOS/EcIoDAACInfo.html
54962    12   /CUSTOM/WWW/IOS/EcIoDRBanner.gif
51484     4   /CUSTOM/WWW/IOS/EcIoDataRetrieval.gif
40385    11   /CUSTOM/WWW/IOS/EcIoDataRetrieval.html
58270     4   /CUSTOM/WWW/IOS/EcIoDirectory.gif
33140     3   /CUSTOM/WWW/IOS/EcIoDisplay.jpg
42477     9   /CUSTOM/WWW/IOS/EcIoDocBanner.gif
47834     4   /CUSTOM/WWW/IOS/EcIoDocuments.gif
 9969     6   /CUSTOM/WWW/IOS/EcIoDocuments.html
51287     3   /CUSTOM/WWW/IOS/EcIoEsodBContributions.gif
 3620     3   /CUSTOM/WWW/IOS/EcIoEsodBGContributions.gif
 7785     3   /CUSTOM/WWW/IOS/EcIoEsodBGHome.gif
 7119     3   /CUSTOM/WWW/IOS/EcIoEsodBGScienceSearch.gif
 2738     3   /CUSTOM/WWW/IOS/EcIoEsodBGTextSearch.gif
65511     3   /CUSTOM/WWW/IOS/EcIoEsodBGWhatsNew.gif
53523     3   /CUSTOM/WWW/IOS/EcIoEsodBHome.gif
58032     3   /CUSTOM/WWW/IOS/EcIoEsodBScienceSearch.gif
51373     3   /CUSTOM/WWW/IOS/EcIoEsodBTextSearch.gif
47280     3   /CUSTOM/WWW/IOS/EcIoEsodBWhatsNew.gif
45109    13   /CUSTOM/WWW/IOS/EcIoEsodBanner.gif
34066     8   /CUSTOM/WWW/IOS/EcIoEsodBorder.gif
59933    16   /CUSTOM/WWW/IOS/EcIoEsodContribOver.html
62423     3   /CUSTOM/WWW/IOS/EcIoEsodContributions.gif
56147    10   /CUSTOM/WWW/IOS/EcIoEsodContributions.html
58309     7   /CUSTOM/WWW/IOS/EcIoEsodEntryCreate.html
15606     9   /CUSTOM/WWW/IOS/EcIoEsodEntryDelete.html
14231     9   /CUSTOM/WWW/IOS/EcIoEsodEntryUpdate.html
 3676     3   /CUSTOM/WWW/IOS/EcIoEsodGContributions.gif
 3898     3   /CUSTOM/WWW/IOS/EcIoEsodGHome.gif
 2324     3   /CUSTOM/WWW/IOS/EcIoEsodGScienceSearch.gif
  822     3   /CUSTOM/WWW/IOS/EcIoEsodGTextSearch.gif
64417     3   /CUSTOM/WWW/IOS/EcIoEsodGWhatsNew.gif
36420     3   /CUSTOM/WWW/IOS/EcIoEsodGeneralHelp.gif
27343    24   /CUSTOM/WWW/IOS/EcIoEsodHelp.html
 3503     3   /CUSTOM/WWW/IOS/EcIoEsodHome.gif
51310    10   /CUSTOM/WWW/IOS/EcIoEsodHome.html
23225    11   /CUSTOM/WWW/IOS/EcIoEsodHomeContribute.html
35555    57   /CUSTOM/WWW/IOS/EcIoEsodProductTemplate.html
15422     9   /CUSTOM/WWW/IOS/EcIoEsodSampleConfig.html
 4774     3   /CUSTOM/WWW/IOS/EcIoEsodScienceSearch.gif
 8622    18   /CUSTOM/WWW/IOS/EcIoEsodTarFile.jpg
55038    17   /CUSTOM/WWW/IOS/EcIoEsodTarGuidelines.html
 2026     3   /CUSTOM/WWW/IOS/EcIoEsodTextSearch.gif
  149     3   /CUSTOM/WWW/IOS/EcIoEsodWhatsNew.gif
10547     9   /CUSTOM/WWW/IOS/EcIoEsodamAdmin.html
 8998     4   /CUSTOM/WWW/IOS/EcIoEsodamAdministration.gif
10813     4   /CUSTOM/WWW/IOS/EcIoEsodamHome.gif
44649    10   /CUSTOM/WWW/IOS/EcIoEsodamHome.html
 6094     4   /CUSTOM/WWW/IOS/EcIoEsodamModeration.gif
43288     4   /CUSTOM/WWW/IOS/EcIoFeedback.gif
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 9794        6    /CUSTOM/WWW/IOS/EcIoFeedback.html
38216        9    /CUSTOM/WWW/IOS/EcIoGlossBanner.gif
42984        4    /CUSTOM/WWW/IOS/EcIoGlossary.gif
10055        6    /CUSTOM/WWW/IOS/EcIoGlossary.html
14494        3    /CUSTOM/WWW/IOS/EcIoHelp.gif
45800       13    /CUSTOM/WWW/IOS/EcIoHelp.html
19807       10    /CUSTOM/WWW/IOS/EcIoHelpBanner.gif
36248        3    /CUSTOM/WWW/IOS/EcIoHome.gif
58220        8    /CUSTOM/WWW/IOS/EcIoHome.html
29590       12    /CUSTOM/WWW/IOS/EcIoHomeBanner.gif
33381        3    /CUSTOM/WWW/IOS/EcIoIComments.gif
43316        4    /CUSTOM/WWW/IOS/EcIoIDataRetrieval.gif
49026        4    /CUSTOM/WWW/IOS/EcIoIDirectory.gif
33052        3    /CUSTOM/WWW/IOS/EcIoIDocuments.gif
32867        3    /CUSTOM/WWW/IOS/EcIoIFeedback.gif
30071        3    /CUSTOM/WWW/IOS/EcIoIGlossary.gif
27964        3    /CUSTOM/WWW/IOS/EcIoIHelp.gif
18420        3    /CUSTOM/WWW/IOS/EcIoIHome.gif
44346        4    /CUSTOM/WWW/IOS/EcIoIInfoxchange.gif
18315        7    /CUSTOM/WWW/IOS/EcIoInfoExchange.html
32765       13    /CUSTOM/WWW/IOS/EcIoInfoXBanner.gif
54135        4    /CUSTOM/WWW/IOS/EcIoInfoxchange.gif
28732        1    /CUSTOM/WWW/IOS/EcIoJavaScript.html
 5412      137    /CUSTOM/WWW/IOS/EcIoKeywordValids.html
61762       16    /CUSTOM/WWW/IOS/EcIoLinks.html
14863       11    /CUSTOM/WWW/IOS/EcIoLogo.gif
14852        1    /CUSTOM/WWW/IOS/EcIoNew.gif
24964        3    /CUSTOM/WWW/IOS/EcIoSiteIndex.gif
25996       29    /CUSTOM/WWW/IOS/EcIoSiteIndex.html
57961       11    /CUSTOM/WWW/IOS/EcIoSysReq.html
32843       12    /CUSTOM/WWW/IOS/EcIoTemplateHelp.html
48454       54    /CUSTOM/WWW/IOS/EcIoTemplateSample.html
10213        6    /CUSTOM/WWW/IOS/EcIoUnderConstruction.html
28814       12    /CUSTOM/WWW/IOS/EcIoUpdateTemplateHelp.html
59091       10    /CUSTOM/WWW/IOS/EcIoWebTools.html
13267        8    /CUSTOM/WWW/IOS/EcIoWhatsNew.html
39954        7    /CUSTOM/WWW/IOS/EcIoXReq.html
45432        7    /CUSTOM/WWW/IOS/EcIoXSysReq.html
60229        7    /CUSTOM/WWW/IOS/EcIoXTools.html
36882       12    /CUSTOM/WWW/IOS/EcIobg140.jpg
60525       10    /CUSTOM/WWW/IOS/EcIoconfirm.gif
 3326      266    /CUSTOM/WWW/IOS/EcIodaacmap.gif
18636        3    /CUSTOM/WWW/IOS/EcIoquestion.gif
22635        1    /CUSTOM/WWW/IOS/EcIostop.gif
32057    41904    /CUSTOM/bin/CLS/EcClDtDesktopDaacUser
22088    24368    /CUSTOM/bin/CLS/EcClDtDesktopSciUser
53736    13141    /CUSTOM/bin/CLS/EcClDtUserProfileGateway
27927    16249    /CUSTOM/bin/CLS/EcClWbDc
55422    48958    /CUSTOM/bin/CLS/EcClWbDtDART
52662    16675    /CUSTOM/bin/CLS/EcClWbFoliodProxyServer
41407    16671    /CUSTOM/bin/CLS/EcClWbJessProxyServer
33829      802    /CUSTOM/bin/COM/EcUtCopyExec
49921    22718    /CUSTOM/bin/CSS/DriverTest
15036    14661    /CUSTOM/bin/CSS/EcCsClientDriver
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63791   29492   /CUSTOM/bin/CSS/EcCsEmailParser
36491   12467   /CUSTOM/bin/CSS/EcCsLandsat7Gateway
   74   24605   /CUSTOM/bin/CSS/EcCsMojoGateway
54732   19480   /CUSTOM/bin/CSS/EcGwDARServer
28126   24448   /CUSTOM/bin/CSS/EcSbGui
 1119   24332   /CUSTOM/bin/CSS/EcSbSubServer
32036     761   /CUSTOM/bin/CSS/EcSeAuthnProg
21037     131   /CUSTOM/bin/CSS/EcSeLoginProg
18511    4570   /CUSTOM/bin/CSS/EcTiDeltastore
58527     612   /CUSTOM/bin/CSS/ftp_popen
22540   18434   /CUSTOM/bin/CSS/update1900
45119   32375   /CUSTOM/bin/DMS/EcDmDdMaintenanceTool
57903   22684   /CUSTOM/bin/DMS/EcDmDictServer
64460   24308   /CUSTOM/bin/DMS/EcDmEcsToV0Gateway
12712   33518   /CUSTOM/bin/DMS/EcDmLimServer
23026   25663   /CUSTOM/bin/DMS/EcDmV0ToEcsGateway
37621       5   /CUSTOM/bin/DPS/EcDpAtAcquireDAP
49742       5   /CUSTOM/bin/DPS/EcDpAtAcquireMCF
45946   13044   /CUSTOM/bin/DPS/EcDpAtBadFunc
 1883   13589   /CUSTOM/bin/DPS/EcDpAtBadFuncGui
60730   12954   /CUSTOM/bin/DPS/EcDpAtBinDiffGui
45962      17   /CUSTOM/bin/DPS/EcDpAtBinDiffPrepareFiles
47137       4   /CUSTOM/bin/DPS/EcDpAtCheckHdfFile
49707   53021   /CUSTOM/bin/DPS/EcDpAtCheckODL
64112   13016   /CUSTOM/bin/DPS/EcDpAtCheckPCF
44430     139   /CUSTOM/bin/DPS/EcDpAtConfig
58119   52987   /CUSTOM/bin/DPS/EcDpAtCreateODLTemplate
30782       6   /CUSTOM/bin/DPS/EcDpAtCreateODLTpl
55274       5   /CUSTOM/bin/DPS/EcDpAtDefinePGE
 2821       6   /CUSTOM/bin/DPS/EcDpAtExtractPrologs
22272   49057   /CUSTOM/bin/DPS/EcDpAtGetMCF
11940       8   /CUSTOM/bin/DPS/EcDpAtHdiff
17993       1   /CUSTOM/bin/DPS/EcDpAtIDLStart
12722      32   /CUSTOM/bin/DPS/EcDpAtINSTALL
20430       6   /CUSTOM/bin/DPS/EcDpAtInsertExe
24012   53603   /CUSTOM/bin/DPS/EcDpAtInsertExeTarFile
63623       9   /CUSTOM/bin/DPS/EcDpAtInsertStatic
 8631   53651   /CUSTOM/bin/DPS/EcDpAtInsertStaticFile
40201       8   /CUSTOM/bin/DPS/EcDpAtInsertTest
56359   49749   /CUSTOM/bin/DPS/EcDpAtInsertTestFile
45460   13021   /CUSTOM/bin/DPS/EcDpAtMgr
50324       4   /CUSTOM/bin/DPS/EcDpAtMgrForcheck
10366    7651   /CUSTOM/bin/DPS/EcDpAtMgrLogDump
29636       7   /CUSTOM/bin/DPS/EcDpAtMgrXdiff
39328   71259   /CUSTOM/bin/DPS/EcDpAtOpDbGui
34078   12902   /CUSTOM/bin/DPS/EcDpAtPrologs
51048   53016   /CUSTOM/bin/DPS/EcDpAtRegisterPGE
19256      18   /CUSTOM/bin/DPS/EcDpAtReplaceString
50304   55718   /CUSTOM/bin/DPS/EcDpAtSSAPGui
33357   49554   /CUSTOM/bin/DPS/EcDpAtStageDAP
 6655       1   /CUSTOM/bin/DPS/EcDpAtStartSSIT
52752       5   /CUSTOM/bin/DPS/EcDpAtVerifyODL
50946   61122   /CUSTOM/bin/DPS/EcDpPrDM
65230   63886   /CUSTOM/bin/DPS/EcDpPrDeletion
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39749   32402   /CUSTOM/bin/DPS/EcDpPrDeletionClient
61363   60841   /CUSTOM/bin/DPS/EcDpPrEM
31590   60597   /CUSTOM/bin/DPS/EcDpPrGE
58795   58688   /CUSTOM/bin/DPS/EcDpPrJobMgmt
46523   57804   /CUSTOM/bin/DPS/EcDpPrJobMgmtClient
42478   46909   /CUSTOM/bin/DPS/EcDpPrQaMonitorGUI
16330       3   /CUSTOM/bin/DPS/EcDpPrSMFCopy
11566   14888   /CUSTOM/bin/DPS/EcDpPrViewJobStates
34849    1152   /CUSTOM/bin/DPS/hdiff
64326      72   /CUSTOM/bin/DPS/xdiff
30739   15343   /CUSTOM/bin/DSS/DistTest
53535       5   /CUSTOM/bin/DSS/DsDdStartDistTest
60476   15807   /CUSTOM/bin/DSS/EcDsDdistGui
50191   16022   /CUSTOM/bin/DSS/EcDsDistributionServer
50028   15356   /CUSTOM/bin/DSS/EcDsScienceDataServer
14311    9041   /CUSTOM/bin/DSS/EcDsSdSrvGui
40423   39489   /CUSTOM/bin/DSS/EcDsSt8MMServer
43572   36163   /CUSTOM/bin/DSS/EcDsStD3Server
25025   14467   /CUSTOM/bin/DSS/EcDsStPrintServer
13891   13540   /CUSTOM/bin/DSS/EcDsStStagingDiskServer
13004       8   /CUSTOM/bin/DSS/EcDsStartDistributionServer
35690   24581   /CUSTOM/bin/DSS/EcDsStmgtGui
20909    6781   /CUSTOM/bin/DSS/MemMgtTest
48597   15190   /CUSTOM/bin/DSS/adtest
29548   15334   /CUSTOM/bin/DSS/convertEvent
21451    7232   /CUSTOM/bin/DSS/dttest6
36791    6815   /CUSTOM/bin/DSS/insert_test
 5596    6891   /CUSTOM/bin/DSS/inspecttest
34024   21052   /CUSTOM/bin/INS/EcInEmailGWServer
18628   43640   /CUSTOM/bin/INS/EcInGUI
 9392    5313   /CUSTOM/bin/INS/EcInInitPasswd
14703   13248   /CUSTOM/bin/IOS/ContributionDriver
 2367   14281   /CUSTOM/bin/IOS/EcIoAdServer
20880       3   /CUSTOM/bin/IOS/EcReplace
45220   13303   /CUSTOM/bin/IOS/SearchDriver
43924   14982   /CUSTOM/bin/MSS/EcMsAcOrderGUI
59423   18893   /CUSTOM/bin/MSS/EcMsAcOrderSrvr
34707   17113   /CUSTOM/bin/MSS/EcMsAcRegUserGUI
44301   19518   /CUSTOM/bin/MSS/EcMsAcRegUserSrvr
29178     644   /CUSTOM/bin/MSS/EcMsAgAgent
57805     406   /CUSTOM/bin/MSS/EcMsAgEncps
38391   17987   /CUSTOM/bin/MSS/EcMsAgGenProxy
40843   19843   /CUSTOM/bin/MSS/EcMsAgSubAgent
43776    3099   /CUSTOM/bin/PLS/EcPlMsh
19086   44645   /CUSTOM/bin/PLS/EcPlPREditor
 9477   61309   /CUSTOM/bin/PLS/EcPlPREditor_IF
36800   35754   /CUSTOM/bin/PLS/EcPlProdStrat
61939   41684   /CUSTOM/bin/PLS/EcPlRm
38641   72820   /CUSTOM/bin/PLS/EcPlRpRe
58286   40773   /CUSTOM/bin/PLS/EcPlRpRm
 1650   43785   /CUSTOM/bin/PLS/EcPlRpSi
 1043   43861   /CUSTOM/bin/PLS/EcPlRpTl
60822    1942   /CUSTOM/bin/PLS/EcPlSns
28273   51396   /CUSTOM/bin/PLS/EcPlSubMgr
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37983   49112    /CUSTOM/bin/PLS/EcPlSubsEdit
16831   43545    /CUSTOM/bin/PLS/EcPlTl
 1761   43397    /CUSTOM/bin/PLS/EcPlWb
24741       3    /CUSTOM/bin/V0_Client/EcVcB0AutoXfer
19389      12    /CUSTOM/bin/V0_Client/EcVcB0sotStart
26685      64    /CUSTOM/bin/V0_Client/autoxfer
21589       3    /CUSTOM/bin/V0_Client/run_bosot.sh
12707     547    /CUSTOM/bin/V0_Client/sf_client
55156   11453    /CUSTOM/bin/V0_Client/xims
47768       3    /CUSTOM/cfg/4MMPLPreamble.txt
50409       3    /CUSTOM/cfg/8MMPLPreamble.txt
47465       3    /CUSTOM/cfg/D3PLPreamble.txt
43336      19    /CUSTOM/cfg/EcDmGwPackage.CFG
64273       4    /CUSTOM/cfg/EcVcB0sotDefault.cfg
14443       1    /CUSTOM/cfg/FtpPullPLPreamble.txt
14408       1    /CUSTOM/cfg/FtpPushPLPreamble.txt
33938     113    /CUSTOM/cfg/DsESDTDesc/DsESDTCollectionTemplate.desc
17536   14270    /CUSTOM/cgi-bin/CLS/EcClWbUr
64572   14195    /CUSTOM/cgi-bin/CLS/EcClWbUrConfirm
10673   14398    /CUSTOM/cgi-bin/CLS/EcClWbUrSubmit
 5296       2    /CUSTOM/cgi-bin/IOS/EcCgiWrapper
28900   13166    /CUSTOM/cgi-bin/IOS/IoAdEsodContributionForm
43154   13234    /CUSTOM/cgi-bin/IOS/IoAdEsodContributions
19386   13185    /CUSTOM/cgi-bin/IOS/IoAdEsodEntryDetail
30155   13169    /CUSTOM/cgi-bin/IOS/IoAdEsodExamples
57040   13164    /CUSTOM/cgi-bin/IOS/IoAdEsodGroupDetail
59642   13195    /CUSTOM/cgi-bin/IOS/IoAdEsodGroupIndex
62881   13180    /CUSTOM/cgi-bin/IOS/IoAdEsodGroupIndexForm
 6612   13275    /CUSTOM/cgi-bin/IOS/IoAdEsodScienceSearch
48255   13290    /CUSTOM/cgi-bin/IOS/IoAdEsodScienceSearchForm
11821   13261    /CUSTOM/cgi-bin/IOS/IoAdEsodTextSearch
15839   13201    /CUSTOM/cgi-bin/IOS/IoAdEsodTextSearchForm
12635   13232    /CUSTOM/cgi-bin/IOS/IoAdEsodUpdateTemplate
65044   13196    /CUSTOM/cgi-bin/IOS/IoAdEsodWhatsNew
14431   13211    /CUSTOM/cgi-bin/IOS/IoAdEsodamExpireAdvs
27115   13175    /CUSTOM/cgi-bin/IOS/IoAdEsodamGroupSearch
 7286   13315    /CUSTOM/cgi-bin/IOS/IoAdEsodamGroups
39571   13343    /CUSTOM/cgi-bin/IOS/IoAdEsodamModeration
 6141   13162    /CUSTOM/cgi-bin/IOS/IoAdEsodamModerationForm
17131   13173    /CUSTOM/cgi-bin/IOS/IoAdEsodamModerationGroups
56458   13205    /CUSTOM/cgi-bin/IOS/IoAdEsodamModerationQueue
23254   13198    /CUSTOM/cgi-bin/IOS/IoAdEsodamObsoleteReqs
50624   13172    /CUSTOM/cgi-bin/IOS/IoAdInstallForm
 4392       6    /CUSTOM/data/CLS/dar_data/AM1GRDTK.TXT
 9653       3    /CUSTOM/data/CLS/dar_data/AM1_ALT.TXT
 9230       2    /CUSTOM/data/CLS/dar_data/reset_xar.dat
   10       1    /CUSTOM/data/CLS/ddcache/ClWbDcAttributeBody.tmpl
  401       1    /CUSTOM/data/CLS/ddcache/ClWbDcAttributeFooter.tmpl
21975       1    /CUSTOM/data/CLS/ddcache/ClWbDcAttributeHeader.tmpl
   10       1    /CUSTOM/data/CLS/ddcache/ClWbDcCollectionBody.tmpl
  273       1    /CUSTOM/data/CLS/ddcache/ClWbDcCollectionFooter.tmpl
12341       1    /CUSTOM/data/CLS/ddcache/ClWbDcCollectionHeader.tmpl
13725       5    /CUSTOM/data/CLS/ddcache/ClWbDcFormatSpec.dat
 3357       1    /CUSTOM/data/CLS/ddcache/ClWbDcGroupBody.tmpl
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   664       1      /CUSTOM/data/CLS/ddcache/ClWbDcGroupFooter.tmpl
  4875       1      /CUSTOM/data/CLS/ddcache/ClWbDcGroupHeader.tmpl
     0       0      /CUSTOM/data/CLS/ddcache/ClWbDcInfoMgrBody.tmpl
  5340       1      /CUSTOM/data/CLS/ddcache/ClWbDcInfoMgrCollBody.tmpl
   391       1      /CUSTOM/data/CLS/ddcache/ClWbDcInfoMgrCollFooter.tmpl
  1691       1      /CUSTOM/data/CLS/ddcache/ClWbDcInfoMgrCollHeader.tmpl
   273       1      /CUSTOM/data/CLS/ddcache/ClWbDcInfoMgrFooter.tmpl
  7448       1      /CUSTOM/data/CLS/ddcache/ClWbDcInfoMgrHeader.tmpl
  3522       1      /CUSTOM/data/CLS/ddcache/ClWbDcInfoMgrParentBody.tmpl
   391       1      /CUSTOM/data/CLS/ddcache/ClWbDcInfoMgrParentFooter.tmpl
  1273       1      /CUSTOM/data/CLS/ddcache/ClWbDcInfoMgrParentHeader.tmpl
  3217       1      /CUSTOM/data/CLS/ddcache/ClWbDcNumericValueBody.tmpl
   519       1      /CUSTOM/data/CLS/ddcache/ClWbDcNumericValueFooter.tmpl
 20245       1      /CUSTOM/data/CLS/ddcache/ClWbDcNumericValueHeader.tmpl
 30696       8      /CUSTOM/data/CLS/ddcache/ClWbDcQuerySpec.dat
 22324       1      /CUSTOM/data/CLS/ddcache/ClWbDcSpatialBody.tmpl
   401       1      /CUSTOM/data/CLS/ddcache/ClWbDcSpatialFooter.tmpl
  3272       1      /CUSTOM/data/CLS/ddcache/ClWbDcSpatialHeader.tmpl
  2108       1      /CUSTOM/data/CLS/ddcache/ClWbDcSpatialValueBody.tmpl
   519       1      /CUSTOM/data/CLS/ddcache/ClWbDcSpatialValueFooter.tmpl
  2189       1      /CUSTOM/data/CLS/ddcache/ClWbDcSpatialValueHeader.tmpl
  3188       1      /CUSTOM/data/CLS/ddcache/ClWbDcStringValueBody.tmpl
   519       1      /CUSTOM/data/CLS/ddcache/ClWbDcStringValueFooter.tmpl
  2102       1      /CUSTOM/data/CLS/ddcache/ClWbDcStringValueHeader.tmpl
 17116       1      /CUSTOM/data/CLS/ddcache/ClWbDcTemporalBody.tmpl
   920       1      /CUSTOM/data/CLS/ddcache/ClWbDcTemporalFooter.tmpl
 22422       1      /CUSTOM/data/CLS/ddcache/ClWbDcTemporalHeader.tmpl
     0       0      /CUSTOM/data/CLS/ddcache/ClWbDcTemporalValueBody.tmpl
   519       1      /CUSTOM/data/CLS/ddcache/ClWbDcTemporalValueFooter.tmpl
  9077       1      /CUSTOM/data/CLS/ddcache/ClWbDcTemporalValueHeader.tmpl
 18032       1      /CUSTOM/data/CLS/ecs_preferences/DTPrefs
  1369       1      /CUSTOM/data/CLS/ecs_preferences/EcsVersion
 37007       1      /CUSTOM/data/CLS/ecs_preferences/actions
  1755       1      /CUSTOM/data/CLS/ecs_preferences/dnd
 59306       5      /CUSTOM/data/CLS/helpFiles/ClDtChangePermHelp.bfh
 59306       5      /CUSTOM/data/CLS/helpFiles/ClDtChangePermHelp.bmh
  9593       5      /CUSTOM/data/CLS/helpFiles/ClDtCopy_As_LinkHelp.bfh
  9593       5      /CUSTOM/data/CLS/helpFiles/ClDtCopy_As_LinkHelp.bmh
  4539       4      /CUSTOM/data/CLS/helpFiles/ClDtCopy_ToHelp.bfh
  4539       4      /CUSTOM/data/CLS/helpFiles/ClDtCopy_ToHelp.bmh
 28894       5      /CUSTOM/data/CLS/helpFiles/ClDtCreateDirHelp.bfh
 28894       5      /CUSTOM/data/CLS/helpFiles/ClDtCreateDirHelp.bmh
 13000       6      /CUSTOM/data/CLS/helpFiles/ClDtDeleteHelp.bfh
 13000       6      /CUSTOM/data/CLS/helpFiles/ClDtDeleteHelp.bmh
 34747      70      /CUSTOM/data/CLS/helpFiles/ClDtDesktopHelp.bfh
 34747      70      /CUSTOM/data/CLS/helpFiles/ClDtDesktopHelp.bmh
 31876       5      /CUSTOM/data/CLS/helpFiles/ClDtECSExitHelp.bfh
 31876       5      /CUSTOM/data/CLS/helpFiles/ClDtECSExitHelp.bmh
 43326       7      /CUSTOM/data/CLS/helpFiles/ClDtModifyActionsHelp.bfh
 43326       7      /CUSTOM/data/CLS/helpFiles/ClDtModifyActionsHelp.bmh
 30296       6      /CUSTOM/data/CLS/helpFiles/ClDtModifyDNDHelp.bfh
 30296       6      /CUSTOM/data/CLS/helpFiles/ClDtModifyDNDHelp.bmh
  4323       4      /CUSTOM/data/CLS/helpFiles/ClDtMove_ToHelp.bfh
  4323       4      /CUSTOM/data/CLS/helpFiles/ClDtMove_ToHelp.bmh
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63327      9    /CUSTOM/data/CLS/helpFiles/ClDtUserPrefsHelp.bfh
63327      9    /CUSTOM/data/CLS/helpFiles/ClDtUserPrefsHelp.bmh
49185    734    /CUSTOM/data/CLS/helpFiles/DarHelp.bfh
49185    734    /CUSTOM/data/CLS/helpFiles/DarHelp.bmh
15514      7    /CUSTOM/data/CLS/icons/CommentSurvey.l.xpm
26021      4    /CUSTOM/data/CLS/icons/CommentSurvey.m.xpm
63902      3    /CUSTOM/data/CLS/icons/CommentSurvey.s.xpm
40095      2    /CUSTOM/data/CLS/icons/CommentSurvey.t.xpm
49790      7    /CUSTOM/data/CLS/icons/EOSSRCH.l.xpm
53315      4    /CUSTOM/data/CLS/icons/EOSSRCH.m.xpm
14515      3    /CUSTOM/data/CLS/icons/EOSSRCH.s.xpm
50536      2    /CUSTOM/data/CLS/icons/EOSSRCH.t.xpm
11398      6    /CUSTOM/data/CLS/icons/EcAcOrderUI.l.xpm
42888      4    /CUSTOM/data/CLS/icons/EcAcOrderUI.m.xpm
60725      3    /CUSTOM/data/CLS/icons/EcAcOrderUI.s.xpm
37564      2    /CUSTOM/data/CLS/icons/EcAcOrderUI.t.xpm
 8816      6    /CUSTOM/data/CLS/icons/Qual.l.xpm
30831      3    /CUSTOM/data/CLS/icons/Qual.m.xpm
61314      2    /CUSTOM/data/CLS/icons/Qual.s.xpm
35380      2    /CUSTOM/data/CLS/icons/Qual.t.xpm
33594      7    /CUSTOM/data/CLS/icons/UserReg.l.xpm
23215      4    /CUSTOM/data/CLS/icons/UserReg.m.xpm
 7146      3    /CUSTOM/data/CLS/icons/UserReg.s.xpm
43767      2    /CUSTOM/data/CLS/icons/UserReg.t.xpm
53160      4    /CUSTOM/data/CLS/icons/adserv.l.xbm
29286      7    /CUSTOM/data/CLS/icons/adserv.l.xpm
57206      2    /CUSTOM/data/CLS/icons/adserv.m.xbm
17682      4    /CUSTOM/data/CLS/icons/adserv.m.xpm
35370      2    /CUSTOM/data/CLS/icons/adserv.s.xbm
56967      2    /CUSTOM/data/CLS/icons/adserv.s.xpm
19869      1    /CUSTOM/data/CLS/icons/adserv.t.xbm
34067      2    /CUSTOM/data/CLS/icons/adserv.t.xpm
50748      4    /CUSTOM/data/CLS/icons/apps.l.xbm
22817      6    /CUSTOM/data/CLS/icons/apps.l.xpm
55990      2    /CUSTOM/data/CLS/icons/apps.m.xbm
37918      3    /CUSTOM/data/CLS/icons/apps.m.xpm
34453      2    /CUSTOM/data/CLS/icons/apps.s.xbm
46233      2    /CUSTOM/data/CLS/icons/apps.s.xpm
19192      1    /CUSTOM/data/CLS/icons/apps.t.xbm
29101      2    /CUSTOM/data/CLS/icons/apps.t.xpm
32106      2    /CUSTOM/data/CLS/icons/arrow_down.xbm
31896      2    /CUSTOM/data/CLS/icons/arrow_right.xbm
19178      4    /CUSTOM/data/CLS/icons/binary.xpm
43216      6    /CUSTOM/data/CLS/icons/book.l.xpm
38296      4    /CUSTOM/data/CLS/icons/book.m.xpm
  479      3    /CUSTOM/data/CLS/icons/book.s.xpm
38243      2    /CUSTOM/data/CLS/icons/book.t.xpm
28405      7    /CUSTOM/data/CLS/icons/browse.xpm
41389      7    /CUSTOM/data/CLS/icons/convert.xpm
   57      4    /CUSTOM/data/CLS/icons/dasd1.xpm
52032      4    /CUSTOM/data/CLS/icons/desktop.l.xbm
28644      6    /CUSTOM/data/CLS/icons/desktop.l.xpm
57839      2    /CUSTOM/data/CLS/icons/desktop.m.xbm
30686      3    /CUSTOM/data/CLS/icons/desktop.m.xpm
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36353    2    /CUSTOM/data/CLS/icons/desktop.s.xbm
55230    2    /CUSTOM/data/CLS/icons/desktop.s.xpm
20598    1    /CUSTOM/data/CLS/icons/desktop.t.xbm
34266    2    /CUSTOM/data/CLS/icons/desktop.t.xpm
24533    1    /CUSTOM/data/CLS/icons/dir.xbm
12572    3    /CUSTOM/data/CLS/icons/dirblue.l.bm
64536    4    /CUSTOM/data/CLS/icons/dirblue.l.pm
12572    3    /CUSTOM/data/CLS/icons/dirblue.l.xbm
64536    4    /CUSTOM/data/CLS/icons/dirblue.l.xpm
41690    2    /CUSTOM/data/CLS/icons/dirblue.m.xbm
 3213    2    /CUSTOM/data/CLS/icons/dirblue.m.xpm
65397    2    /CUSTOM/data/CLS/icons/dirblue.s.pm
29138    1    /CUSTOM/data/CLS/icons/dirblue.s.xbm
47170    2    /CUSTOM/data/CLS/icons/dirblue.s.xpm
17076    1    /CUSTOM/data/CLS/icons/dirblue.t.xbm
26258    1    /CUSTOM/data/CLS/icons/dirblue.t.xpm
29473    1    /CUSTOM/data/CLS/icons/dirmask.xbm
50849    4    /CUSTOM/data/CLS/icons/dirup.l.pm
51782    4    /CUSTOM/data/CLS/icons/document.l.xbm
 4565    6    /CUSTOM/data/CLS/icons/document.l.xpm
57605    2    /CUSTOM/data/CLS/icons/document.m.xbm
 9327    3    /CUSTOM/data/CLS/icons/document.m.xpm
35828    2    /CUSTOM/data/CLS/icons/document.s.xbm
54828    2    /CUSTOM/data/CLS/icons/document.s.xpm
20512    1    /CUSTOM/data/CLS/icons/document.t.xbm
32570    2    /CUSTOM/data/CLS/icons/document.t.xpm
10243    3    /CUSTOM/data/CLS/icons/document2.xpm
29933    1    /CUSTOM/data/CLS/icons/dragIcon.xbm
35277    1    /CUSTOM/data/CLS/icons/dragIconMask.xbm
30579    6    /CUSTOM/data/CLS/icons/ds.l.xpm
42409    4    /CUSTOM/data/CLS/icons/ds.m.xpm
62782    3    /CUSTOM/data/CLS/icons/ds.s.xpm
39302    2    /CUSTOM/data/CLS/icons/ds.t.xpm
51444    6    /CUSTOM/data/CLS/icons/dsrvr.l.xpm
32298    3    /CUSTOM/data/CLS/icons/dsrvr.m.xpm
58036    2    /CUSTOM/data/CLS/icons/dsrvr.s.xpm
32238    2    /CUSTOM/data/CLS/icons/dsrvr.t.xpm
57297    2    /CUSTOM/data/CLS/icons/earth1.xbm
11024    4    /CUSTOM/data/CLS/icons/earth1.xpm
10876    3    /CUSTOM/data/CLS/icons/ecs-bin.xbm
22187    5    /CUSTOM/data/CLS/icons/ecs-bin.xpm
18459    6    /CUSTOM/data/CLS/icons/ecs.xbm
41728    6    /CUSTOM/data/CLS/icons/ecs_m.xbm
57498    4    /CUSTOM/data/CLS/icons/eosview.l.xbm
41158    7    /CUSTOM/data/CLS/icons/eosview.l.xpm
58607    2    /CUSTOM/data/CLS/icons/eosview.m.xbm
23466    4    /CUSTOM/data/CLS/icons/eosview.m.xpm
36725    2    /CUSTOM/data/CLS/icons/eosview.s.xbm
64086    3    /CUSTOM/data/CLS/icons/eosview.s.xpm
20590    1    /CUSTOM/data/CLS/icons/eosview.t.xbm
41015    2    /CUSTOM/data/CLS/icons/eosview.t.xpm
32568    1    /CUSTOM/data/CLS/icons/execute-s.xbm
 4558    3    /CUSTOM/data/CLS/icons/execute-s.xpm
30730    3    /CUSTOM/data/CLS/icons/execute.l.bm
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22187      5    /CUSTOM/data/CLS/icons/execute.l.pm
53154      4    /CUSTOM/data/CLS/icons/execute.l.xbm
24079      6    /CUSTOM/data/CLS/icons/execute.l.xpm
57197      2    /CUSTOM/data/CLS/icons/execute.m.xbm
39267      3    /CUSTOM/data/CLS/icons/execute.m.xpm
35675      2    /CUSTOM/data/CLS/icons/execute.s.xbm
56553      2    /CUSTOM/data/CLS/icons/execute.s.xpm
20161      1    /CUSTOM/data/CLS/icons/execute.t.xbm
29307      2    /CUSTOM/data/CLS/icons/execute.t.xpm
29933      1    /CUSTOM/data/CLS/icons/file.xbm
35277      1    /CUSTOM/data/CLS/icons/filemask.xbm
62041      2    /CUSTOM/data/CLS/icons/go_up.l.xbm
33988      3    /CUSTOM/data/CLS/icons/go_up.l.xpm
40865      2    /CUSTOM/data/CLS/icons/go_up.m.xbm
51319      2    /CUSTOM/data/CLS/icons/go_up.m.xpm
40865      2    /CUSTOM/data/CLS/icons/go_up.s.xbm
51319      2    /CUSTOM/data/CLS/icons/go_up.s.xpm
16460      1    /CUSTOM/data/CLS/icons/go_up.t.xbm
24805      1    /CUSTOM/data/CLS/icons/go_up.t.xpm
33988      3    /CUSTOM/data/CLS/icons/go_up_icon.bm
50078      3    /CUSTOM/data/CLS/icons/go_up_icon.pm
63601      2    /CUSTOM/data/CLS/icons/go_up_icon.xbm
 4628      6    /CUSTOM/data/CLS/icons/ingest.l.xpm
33546      3    /CUSTOM/data/CLS/icons/ingest.m.xpm
47320      2    /CUSTOM/data/CLS/icons/ingest.s.xpm
27069      1    /CUSTOM/data/CLS/icons/ingest.t.xpm
 5768     50    /CUSTOM/data/CLS/icons/logo.xbm
20544     63    /CUSTOM/data/CLS/icons/logo.xpm
65450     98    /CUSTOM/data/CLS/icons/logo.xpm.big
55000      2    /CUSTOM/data/CLS/icons/multiple_files.xbm
 2643      2    /CUSTOM/data/CLS/icons/multiple_filesMask.xbm
36472     63    /CUSTOM/data/CLS/icons/newlogo.xpm
16830      4    /CUSTOM/data/CLS/icons/space.xpm
55501      2    /CUSTOM/data/CLS/icons/stop.m.bm
62039      2    /CUSTOM/data/CLS/icons/stopMask.m.bm
10921      6    /CUSTOM/data/CLS/icons/subset.xpm
32950      9    /CUSTOM/data/CLS/icons/systemlogo.gif
 8640      4    /CUSTOM/data/CLS/icons/tcontent.xpm
38669      4    /CUSTOM/data/CLS/icons/transform.xpm
 3779      6    /CUSTOM/data/CLS/icons/tt.l.xpm
59287      5    /CUSTOM/data/CLS/icons/tt.m.xpm
59689      5    /CUSTOM/data/CLS/icons/tt.s.xpm
58781      3    /CUSTOM/data/CLS/icons/tt.t.xpm
 9176      1    /CUSTOM/data/CLS/log/loginHelp.txt
19534      1    /CUSTOM/data/CLS/log/loginHelpSci.txt
14039      1    /CUSTOM/data/CLS/sample_ecs/B0SOT
14039      1    /CUSTOM/data/CLS/sample_ecs/DART
14039      1    /CUSTOM/data/CLS/sample_ecs/EOSView
59498      4    /CUSTOM/data/COM/EcNsServerUR.map
37065      1
               /CUSTOM/data/COM/ResourceCatalogs/EcUtFileCopyResource
           Cat.dat.rcat
28100     43    /CUSTOM/data/COM/app-defaults/EcsMotif
27514     16    /CUSTOM/data/COM/helpFiles/EcsHelp.bfh
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27514      16    /CUSTOM/data/COM/helpFiles/EcsHelp.bmh
38584       1
                 /CUSTOM/data/CSS/ResourceCatalogs/CsFtFTPNotifyResourc
            eCat.dat.rcat
20047       4
                 /CUSTOM/data/CSS/ResourceCatalogs/CsFtFTPResourceCat.d
            at.rcat
11145       2
                 /CUSTOM/data/CSS/ResourceCatalogs/CsFtFTPSchedObjResou
            rceCat.dat.rcat
22085       4    /CUSTOM/data/CSS/ResourceCatalogs/CsGwELG.dat.rcat
26067       4    /CUSTOM/data/CSS/ResourceCatalogs/CsGwLEG.dat.rcat
52750       2    /CUSTOM/data/CSS/ResourceCatalogs/CsGwMain.dat.rcat
13904       3
                 /CUSTOM/data/CSS/ResourceCatalogs/CsGwManagedServer.da
            t.rcat
61597       5    /CUSTOM/data/CSS/ResourceCatalogs/EcCsNsNm.rcat
54295       2    /CUSTOM/data/CSS/ResourceCatalogs/EcCsNsPfTemplate.rcat
37557       3    /CUSTOM/data/CSS/ResourceCatalogs/EcCsNsSl.rcat
65519      10
                 /CUSTOM/data/CSS/ResourceCatalogs/EcCsTiTimeResourceCa
            t.dat.rcat
29268       1    /CUSTOM/data/CSS/ResourceCatalogs/EcFhExecutor.dat.rcat
45928      15    /CUSTOM/data/CSS/ResourceCatalogs/EcGwDARresource.rcat
44763       9    /CUSTOM/data/DMS/DmDdAddAttrFmt.dat
33994       9    /CUSTOM/data/DMS/DmDdAddAttrUpdFmt.dat
46130       7    /CUSTOM/data/DMS/DmDdAttrGrpFmt.dat
38033       7    /CUSTOM/data/DMS/DmDdBoundRecFmt.dat
38591       7    /CUSTOM/data/DMS/DmDdCollKeyFmt.dat
34581      12    /CUSTOM/data/DMS/DmDdCommand.dat
41215       7    /CUSTOM/data/DMS/DmDdDateTimeDmnFmt.dat
41806       7    /CUSTOM/data/DMS/DmDdDateTimeDmnUpdFmt.dat
54536       9    /CUSTOM/data/DMS/DmDdDelRelCollFmt.dat
60814       9    /CUSTOM/data/DMS/DmDdDelUnRelCollFmt.dat
36392       8    /CUSTOM/data/DMS/DmDdDeleteAcronymFmt.dat
37985       8    /CUSTOM/data/DMS/DmDdDeleteAttrGroupFmt.dat
58395       9    /CUSTOM/data/DMS/DmDdDeleteBoundingRecFmt.dat
62424       9    /CUSTOM/data/DMS/DmDdDeleteCollFmt.dat
56735       9    /CUSTOM/data/DMS/DmDdDeleteCollKeyFmt.dat
55296       9    /CUSTOM/data/DMS/DmDdDeleteDataOrigFmt.dat
40116       8    /CUSTOM/data/DMS/DmDdDeleteEcsFmt.dat
47956       9    /CUSTOM/data/DMS/DmDdDeleteEquivAttrFmt.dat
36697       8    /CUSTOM/data/DMS/DmDdDeleteGlossaryFmt.dat
47107       9    /CUSTOM/data/DMS/DmDdDeleteIPXrefFmt.dat
38671       8    /CUSTOM/data/DMS/DmDdDeleteInfoFmt.dat
42100       8    /CUSTOM/data/DMS/DmDdDeleteInfoMgrToCollXrefFmt.dat
58354       9    /CUSTOM/data/DMS/DmDdDeleteInstXrefFmt.dat
45231       9    /CUSTOM/data/DMS/DmDdDeleteKeywordAliasFmt.dat
62883       9    /CUSTOM/data/DMS/DmDdDeleteKeywordFmt.dat
37828       8    /CUSTOM/data/DMS/DmDdDeleteMetaLevelFmt.dat
57210       9    /CUSTOM/data/DMS/DmDdDeletePlatXrefFmt.dat
46698       9    /CUSTOM/data/DMS/DmDdDeleteSIXrefFmt.dat
56312       9    /CUSTOM/data/DMS/DmDdDeleteSensXrefFmt.dat
58179       9    /CUSTOM/data/DMS/DmDdDeleteSpatialKeyFmt.dat
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59111     9     /CUSTOM/data/DMS/DmDdDeleteTemporalKeyFmt.dat
 2709     9     /CUSTOM/data/DMS/DmDdDeleteValidsMappingFmt.dat
59098     7     /CUSTOM/data/DMS/DmDdDiscTopFmt.dat
12657     8     /CUSTOM/data/DMS/DmDdDiscTopUpdFmt.dat
43325     7     /CUSTOM/data/DMS/DmDdDisciplineFmt.dat
16879     8     /CUSTOM/data/DMS/DmDdEcsAttrFmt.dat
 9926     8     /CUSTOM/data/DMS/DmDdEcsAttrUpdFmt.dat
18033     9     /CUSTOM/data/DMS/DmDdEcsCollFmt.dat
14003     8     /CUSTOM/data/DMS/DmDdEcsCollUpdFmt.dat
37568     7     /CUSTOM/data/DMS/DmDdEcsParameterFmt.dat
42541     7     /CUSTOM/data/DMS/DmDdEcsParameterUpdFmt.dat
42106     9     /CUSTOM/data/DMS/DmDdEquivAttrFmt.dat
32804     9     /CUSTOM/data/DMS/DmDdEquivListFmt.dat
46839     9     /CUSTOM/data/DMS/DmDdEquivXrefFmt.dat
44133     7     /CUSTOM/data/DMS/DmDdIPXrefFmt.dat
49758     7     /CUSTOM/data/DMS/DmDdInfoFmt.dat
39119     7     /CUSTOM/data/DMS/DmDdInfoMgrToCollXrefFmt.dat
42803     7     /CUSTOM/data/DMS/DmDdInfoParentFmt.dat
49656     7     /CUSTOM/data/DMS/DmDdInfoUpdFmt.dat
49562     9     /CUSTOM/data/DMS/DmDdInsRelCollFmt.dat
39564     8     /CUSTOM/data/DMS/DmDdInsertAcronymFmt.dat
41922     7     /CUSTOM/data/DMS/DmDdInsertAcronymFmt2.dat
12543     9     /CUSTOM/data/DMS/DmDdInsertAttrFmt.dat
40296     8     /CUSTOM/data/DMS/DmDdInsertAttrGroupFmt.dat
40299     8     /CUSTOM/data/DMS/DmDdInsertBoundingRecFmt.dat
27942    12     /CUSTOM/data/DMS/DmDdInsertCollFmt.dat
40119     8     /CUSTOM/data/DMS/DmDdInsertCollKeywordFmt.dat
51018     9     /CUSTOM/data/DMS/DmDdInsertDataOrigFmt.dat
40163     8     /CUSTOM/data/DMS/DmDdInsertEcsFmt.dat
55744     7     /CUSTOM/data/DMS/DmDdInsertEcsFmt2.dat
60659     9     /CUSTOM/data/DMS/DmDdInsertEquivAttrFmt.dat
43502     9     /CUSTOM/data/DMS/DmDdInsertEquivXrefFmt.dat
39960     8     /CUSTOM/data/DMS/DmDdInsertGlossaryFmt.dat
42227     7     /CUSTOM/data/DMS/DmDdInsertGlossaryFmt2.dat
47189     9     /CUSTOM/data/DMS/DmDdInsertInfoFmt.dat
49758     7     /CUSTOM/data/DMS/DmDdInsertInfoFmt2.dat
44331     9     /CUSTOM/data/DMS/DmDdInsertInfoMgrToCollXrefFmt.dat
42247     8     /CUSTOM/data/DMS/DmDdInsertInstPlatXrefFmt.dat
42342     8     /CUSTOM/data/DMS/DmDdInsertInstXrefFmt.dat
40146     8     /CUSTOM/data/DMS/DmDdInsertKeywordAliasFmt.dat
 5013     9     /CUSTOM/data/DMS/DmDdInsertKeywordFmt.dat
40147     8     /CUSTOM/data/DMS/DmDdInsertMetaLevelFmt.dat
41543     8     /CUSTOM/data/DMS/DmDdInsertPlatXrefFmt.dat
41916     8     /CUSTOM/data/DMS/DmDdInsertSensInstXrefFmt.dat
41070     8     /CUSTOM/data/DMS/DmDdInsertSensXrefFmt.dat
38556     8     /CUSTOM/data/DMS/DmDdInsertSiteFmt.dat
40674     7     /CUSTOM/data/DMS/DmDdInsertSiteFmt2.dat
39821     8     /CUSTOM/data/DMS/DmDdInsertSpatialKeyFmt.dat
40006     8     /CUSTOM/data/DMS/DmDdInsertTemporalKeyFmt.dat
41085     9     /CUSTOM/data/DMS/DmDdInsertValidsMappingFmt.dat
60551     7     /CUSTOM/data/DMS/DmDdInstCharFmt.dat
61585     7     /CUSTOM/data/DMS/DmDdInstCharUpdFmt.dat
44638     7     /CUSTOM/data/DMS/DmDdInstDateFmt.dat
56982     7     /CUSTOM/data/DMS/DmDdInstDescFmt.dat
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58016      7    /CUSTOM/data/DMS/DmDdInstDescUpdFmt.dat
44974      7    /CUSTOM/data/DMS/DmDdInstFloatFmt.dat
31686      8    /CUSTOM/data/DMS/DmDdInstFmt.dat
44376      7    /CUSTOM/data/DMS/DmDdInstIntFmt.dat
43000      7    /CUSTOM/data/DMS/DmDdInstOperFmt.dat
44722      7    /CUSTOM/data/DMS/DmDdInstStringFmt.dat
32486      8    /CUSTOM/data/DMS/DmDdInstUpdFmt.dat
39594      7    /CUSTOM/data/DMS/DmDdInstXrefFmt.dat
63733     25    /CUSTOM/data/DMS/DmDdJoinablePairs.dat
45200      9    /CUSTOM/data/DMS/DmDdKeywordAliasFmt.dat
46067      7    /CUSTOM/data/DMS/DmDdMetaLevelFmt.dat
56778      7    /CUSTOM/data/DMS/DmDdMultiTypeCollFmt.dat
58374      7    /CUSTOM/data/DMS/DmDdNumericDmnFmt.dat
58901      7    /CUSTOM/data/DMS/DmDdNumericDmnUpdFmt.dat
 3209      8    /CUSTOM/data/DMS/DmDdParamDescFmt.dat
59407      7    /CUSTOM/data/DMS/DmDdPlatCharFmt.dat
60441      7    /CUSTOM/data/DMS/DmDdPlatCharUpdFmt.dat
43906      7    /CUSTOM/data/DMS/DmDdPlatDateFmt.dat
51490      7    /CUSTOM/data/DMS/DmDdPlatDescFmt.dat
52524      7    /CUSTOM/data/DMS/DmDdPlatDescUpdFmt.dat
44114      7    /CUSTOM/data/DMS/DmDdPlatFloatFmt.dat
21565      8    /CUSTOM/data/DMS/DmDdPlatFmt.dat
43772      7    /CUSTOM/data/DMS/DmDdPlatIntFmt.dat
44118      7    /CUSTOM/data/DMS/DmDdPlatStringFmt.dat
22733      8    /CUSTOM/data/DMS/DmDdPlatUpdFmt.dat
39170      7    /CUSTOM/data/DMS/DmDdPlatXrefFmt.dat
51010      7    /CUSTOM/data/DMS/DmDdRangeDateTimeFmt.dat
61533      8    /CUSTOM/data/DMS/DmDdRangeDateTimeUpdFmt.dat
38143      7    /CUSTOM/data/DMS/DmDdRelCollFmt.dat
43791      7    /CUSTOM/data/DMS/DmDdSIXrefFmt.dat
37579      7    /CUSTOM/data/DMS/DmDdSKeyFmt.dat
58509      7    /CUSTOM/data/DMS/DmDdSensCharFmt.dat
59543      7    /CUSTOM/data/DMS/DmDdSensCharUpdFmt.dat
43425      7    /CUSTOM/data/DMS/DmDdSensDateFmt.dat
51087      7    /CUSTOM/data/DMS/DmDdSensDescFmt.dat
52121      7    /CUSTOM/data/DMS/DmDdSensDescUpdFmt.dat
43633      7    /CUSTOM/data/DMS/DmDdSensFloatFmt.dat
18775      8    /CUSTOM/data/DMS/DmDdSensFmt.dat
43291      7    /CUSTOM/data/DMS/DmDdSensIntFmt.dat
43637      7    /CUSTOM/data/DMS/DmDdSensStringFmt.dat
20111      8    /CUSTOM/data/DMS/DmDdSensUpdFmt.dat
38818      7    /CUSTOM/data/DMS/DmDdSensXrefFmt.dat
58817      7    /CUSTOM/data/DMS/DmDdSingleTypeCollFmt.dat
36503      7    /CUSTOM/data/DMS/DmDdSpatDmnFmt.dat
36927      7    /CUSTOM/data/DMS/DmDdSpatKeyFmt.dat
42496      7    /CUSTOM/data/DMS/DmDdSpatKeyUpdFmt.dat
51324      7    /CUSTOM/data/DMS/DmDdStringDmnFmt.dat
51264      7    /CUSTOM/data/DMS/DmDdStringDmnUpdFmt.dat
37783      7    /CUSTOM/data/DMS/DmDdTKeyFmt.dat
14978     10    /CUSTOM/data/DMS/DmDdTableArgInfo.dat
44984      7    /CUSTOM/data/DMS/DmDdTableNameList.dat
 3717     64    /CUSTOM/data/DMS/DmDdTableNameXref.dat
53880      7    /CUSTOM/data/DMS/DmDdTempFmt.dat
37249      7    /CUSTOM/data/DMS/DmDdTempKeyFmt.dat
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42872      7   /CUSTOM/data/DMS/DmDdTempKeyUpdFmt.dat
53460      7   /CUSTOM/data/DMS/DmDdTempUpdFmt.dat
41849      7   /CUSTOM/data/DMS/DmDdTermDescFmt.dat
42094      7   /CUSTOM/data/DMS/DmDdTopicDescFmt.dat
47717      9   /CUSTOM/data/DMS/DmDdUpdateAcronymFmt.dat
41821      9   /CUSTOM/data/DMS/DmDdUpdateAttrGroupFmt.dat
52838      7   /CUSTOM/data/DMS/DmDdUpdateAttrGroupFmt2.dat
15154     12   /CUSTOM/data/DMS/DmDdUpdateCollFmt.dat
51603      9   /CUSTOM/data/DMS/DmDdUpdateDataOrigFmt.dat
39821      8   /CUSTOM/data/DMS/DmDdUpdateEcsFmt.dat
55642      7   /CUSTOM/data/DMS/DmDdUpdateEcsFmt2.dat
48788      9   /CUSTOM/data/DMS/DmDdUpdateGlossaryFmt.dat
47372      9   /CUSTOM/data/DMS/DmDdUpdateInfoFmt.dat
 4995      9   /CUSTOM/data/DMS/DmDdUpdateKeywordFmt.dat
41508      9   /CUSTOM/data/DMS/DmDdUpdateMetaLevelFmt.dat
48269      7   /CUSTOM/data/DMS/DmDdUpdateMetaLevelFmt2.dat
56778      7   /CUSTOM/data/DMS/DmDdValidsMappingFmt.dat
42787      7   /CUSTOM/data/DMS/DmDdVarDescFmt.dat
24441     11   /CUSTOM/data/DMS/ECS-EDC.valids
28173      8   /CUSTOM/data/DMS/ECS-GSFC.valids
 4371      1   /CUSTOM/data/DMS/ECS-LARC.valids
24441     11   /CUSTOM/data/DMS/ECS-TEST.valids
24992     36   /CUSTOM/data/DMS/XEcDmDdMaintenanceTool
16049     19   /CUSTOM/data/DMS/helpFiles/DmDdMtDatabaseSelection.bfh
16049     19   /CUSTOM/data/DMS/helpFiles/DmDdMtDatabaseSelection.bmh
23816      5   /CUSTOM/data/DMS/helpFiles/DmDdMtFileSelection.bfh
23816      5   /CUSTOM/data/DMS/helpFiles/DmDdMtFileSelection.bmh
36609     49   /CUSTOM/data/DMS/helpFiles/DmDdMtMain.bfh
36609     49   /CUSTOM/data/DMS/helpFiles/DmDdMtMain.bmh
28165      7   /CUSTOM/data/DPS/APMCF
 6904      1   /CUSTOM/data/DPS/DAP_email_notify.sample
42144     12   /CUSTOM/data/DPS/DaacBinDiff_Ex_array_records.c
44355      2   /CUSTOM/data/DPS/DaacBinDiff_Ex_array_records.mak
29690     11   /CUSTOM/data/DPS/DaacBinDiff_Ex_array_records.pro
44932      9   /CUSTOM/data/DPS/DaacBinDiff_Ex_array_records.sh
 7188     11   /CUSTOM/data/DPS/DaacBinDiff_Ex_array_records_driver.c
47560     10
                  /CUSTOM/data/DPS/DaacBinDiff_Ex_array_records_driver.p
              ro
33209     12   /CUSTOM/data/DPS/DaacBinDiff_Ex_array_records_f.f
45273      2   /CUSTOM/data/DPS/DaacBinDiff_Ex_array_records_f.mak
46611     14
                  /CUSTOM/data/DPS/DaacBinDiff_Ex_array_records_f_driver
              .f
64489     11   /CUSTOM/data/DPS/DaacBinDiff_Ex_byte_image.c
42971      2   /CUSTOM/data/DPS/DaacBinDiff_Ex_byte_image.mak
23499     11   /CUSTOM/data/DPS/DaacBinDiff_Ex_byte_image.pro
42165      9   /CUSTOM/data/DPS/DaacBinDiff_Ex_byte_image.sh
 5458     11   /CUSTOM/data/DPS/DaacBinDiff_Ex_byte_image_driver.c
43440     10   /CUSTOM/data/DPS/DaacBinDiff_Ex_byte_image_driver.pro
 1343     12   /CUSTOM/data/DPS/DaacBinDiff_Ex_byte_image_f.f
43857      2   /CUSTOM/data/DPS/DaacBinDiff_Ex_byte_image_f.mak
35507     14   /CUSTOM/data/DPS/DaacBinDiff_Ex_byte_image_f_driver.f
56200      9   /CUSTOM/data/DPS/DaacBinDiff_Ex_create_array_records.c
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60338       9   /CUSTOM/data/DPS/DaacBinDiff_Ex_create_array_records.f
57302       8   /CUSTOM/data/DPS/DaacBinDiff_Ex_create_byte_image.c
12557       8   /CUSTOM/data/DPS/DaacBinDiff_Ex_create_byte_image.f
50542       7   /CUSTOM/data/DPS/DpAtMgrBinDiff.doc
 6002       5   /CUSTOM/data/DPS/DpAtMgrBinDiffGuiHelp.txt
19792       6   /CUSTOM/data/DPS/DpAtMgrBinDiffSimpleCmp.c
23254       6   /CUSTOM/data/DPS/DpAtMgrBinDiffTemplate.c
32268       7   /CUSTOM/data/DPS/DpAtMgrBinDiffTemplate.f
40983       2   /CUSTOM/data/DPS/DpAtMgrBinDiffTemplate.mak
20813       6   /CUSTOM/data/DPS/DpAtMgrBinDiffTemplate.pro
38861       9   /CUSTOM/data/DPS/DpAtMgrBinDiffTemplate.sh
 3393      11   /CUSTOM/data/DPS/DpAtMgrBinDiffTemplateDriver.c
31847      14   /CUSTOM/data/DPS/DpAtMgrBinDiffTemplateDriver.f
38452      10   /CUSTOM/data/DPS/DpAtMgrBinDiffTemplateDriver.pro
 5207       1   /CUSTOM/data/DPS/DpAtMgrCheckHdfFile.defaults
33024      10   /CUSTOM/data/DPS/DpAtMgrCheckHdfFile.hlp
42646     216   /CUSTOM/data/DPS/DpAtMgrCheckHdfFile.pro
 1065       1   /CUSTOM/data/DPS/DpAtMgrCheckHdfFile_Startup.pro
41968      36   /CUSTOM/data/DPS/DpAtMgrInternal.pcf.template
10186       6   /CUSTOM/data/DPS/DpPrEmFailPgeMetFile
63966      60   /CUSTOM/data/DPS/ESDT_ODL.template
53927      12   /CUSTOM/data/DPS/ORBIT_ODL.template
37686      50   /CUSTOM/data/DPS/PCF.relB0.template
 5279      13   /CUSTOM/data/DPS/PGEEXE.met.template
56629     181   /CUSTOM/data/DPS/PGE_ODL.template
52356       2   /CUSTOM/data/DPS/PGS_1010
11704       1   /CUSTOM/data/DPS/PGS_1014
60126       4   /CUSTOM/data/DPS/SSAPCompMCF
57264       2   /CUSTOM/data/DPS/SSAP_Batchfile.template
29572      15   /CUSTOM/data/DPS/TILE_ODL.template
 9247      37   /CUSTOM/data/DPS/XBadfunc
23428       1   /CUSTOM/data/DPS/XDiff
64979      37   /CUSTOM/data/DPS/XDpAtMgr
31247       3   /CUSTOM/data/DPS/checklist.template
38204      11   /CUSTOM/data/DPS/fckcnf.ecs
43140       3   /CUSTOM/data/DPS/prohibitedFunctionsAda.txt
15245       4   /CUSTOM/data/DPS/prohibitedFunctionsC++.txt
 5544       7   /CUSTOM/data/DPS/prohibitedFunctionsC.txt
19262       3   /CUSTOM/data/DPS/prohibitedFunctionsCsh.txt
43691       7   /CUSTOM/data/DPS/prohibitedFunctionsF77.txt
40882       5   /CUSTOM/data/DPS/prohibitedFunctionsF90.txt
19658       3   /CUSTOM/data/DPS/prohibitedFunctionsKsh.txt
63955       4   /CUSTOM/data/DPS/prohibitedFunctionsPl.txt
19760       3   /CUSTOM/data/DPS/prohibitedFunctionsSh.txt
 5191       1   /CUSTOM/data/DPS/ssit_run_menu.txt
44729    3649   /CUSTOM/data/DPS/ASTER_TEST_DATA/ActSynpge.tar
56004      12   /CUSTOM/data/DPS/ASTER_TEST_DATA/ActSynpge.tar.met
60571      79   /CUSTOM/data/DPS/ASTER_TEST_DATA/Bright-Temp-LUT-V2.hdf
15573       4   /CUSTOM/data/DPS/ASTER_TEST_DATA/Bright-Temp-LUT-
                 V2.hdf.met
44729    3649   /CUSTOM/data/DPS/ASTER_TEST_DATA/BtsSynpge.tar
56021      12   /CUSTOM/data/DPS/ASTER_TEST_DATA/BtsSynpge.tar.met
23456       1   /CUSTOM/data/DPS/ASTER_TEST_DATA/ESDT_AST_04#001.odl
22845       1   /CUSTOM/data/DPS/ASTER_TEST_DATA/ESDT_AST_05#001.odl
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22942       1    /CUSTOM/data/DPS/ASTER_TEST_DATA/ESDT_AST_08#001.odl
30851       1    /CUSTOM/data/DPS/ASTER_TEST_DATA/ESDT_AST_09T#001.odl
18637       1    /CUSTOM/data/DPS/ASTER_TEST_DATA/ESDT_AST_ANC#001.odl
33077       1    /CUSTOM/data/DPS/ASTER_TEST_DATA/ESDT_AST_L1BT#001.odl
30569       1    /CUSTOM/data/DPS/ASTER_TEST_DATA/ESDT_GDAS_0ZF#001.odl
44729    3649    /CUSTOM/data/DPS/ASTER_TEST_DATA/EtsSynpge.tar
56024      12    /CUSTOM/data/DPS/ASTER_TEST_DATA/EtsSynpge.tar.met
18758      16    /CUSTOM/data/DPS/ASTER_TEST_DATA/PGE_ACT#syn1#01.odl
 2977      16    /CUSTOM/data/DPS/ASTER_TEST_DATA/PGE_BTS#syn1#01.odl
31456      24    /CUSTOM/data/DPS/ASTER_TEST_DATA/PGE_ETS#syn1#01.odl
45850       7    /CUSTOM/data/DPS/ASTER_TEST_DATA/README
51954   69405    /CUSTOM/data/DPS/ASTER_TEST_DATA/gdas1.T00Z.PGrbF00.hdf
26034       8
                 /CUSTOM/data/DPS/ASTER_TEST_DATA/gdas1.T00Z.PGrbF00.hd
            f.met
36912   10567    /CUSTOM/data/DPS/ASTER_TEST_DATA/tahoe-north-middle.hdf
64795      41    /CUSTOM/data/DPS/ASTER_TEST_DATA/tahoe-north-
            middle.hdf.met
37402      33    /CUSTOM/data/DPS/ODL/ESDT_AM1ANC#001.odl
24645      27    /CUSTOM/data/DPS/ODL/ESDT_AM1ATTF#001.odl
64797      19    /CUSTOM/data/DPS/ODL/ESDT_AM1ATTH0#001.odl
65414      19    /CUSTOM/data/DPS/ODL/ESDT_AM1ATTHF#001.odl
65197      19    /CUSTOM/data/DPS/ODL/ESDT_AM1ATTN0#001.odl
  266      19    /CUSTOM/data/DPS/ODL/ESDT_AM1ATTNF#001.odl
24442      27    /CUSTOM/data/DPS/ODL/ESDT_AM1EPHF#001.odl
64804      19    /CUSTOM/data/DPS/ODL/ESDT_AM1EPHH0#001.odl
64899      19    /CUSTOM/data/DPS/ODL/ESDT_AM1EPHHF#001.odl
65309      19    /CUSTOM/data/DPS/ODL/ESDT_AM1EPHN0#001.odl
65299      19    /CUSTOM/data/DPS/ODL/ESDT_AM1EPHNF#001.odl
12753      22    /CUSTOM/data/DPS/ODL/PGE_AM1Eph#20001#01.odl
48027      19    /CUSTOM/data/DPS/ODL/PGE_AM1Eph#20001#02.odl
31898      21    /CUSTOM/data/DPS/ODL/PGE_AM1Eph#20001#03.odl
 3467      18    /CUSTOM/data/DPS/ODL/PGE_AM1Eph#20001#04.odl
11147      14    /CUSTOM/data/DPS/ODL/PGE_FddAtt#20001#01.odl
29788      13    /CUSTOM/data/DPS/ODL/PGE_FddAtt#20001#02.odl
29521      13    /CUSTOM/data/DPS/ODL/PGE_FddAtt#20001#03.odl
50075      12    /CUSTOM/data/DPS/ODL/PGE_FddAtt#20001#04.odl
59173      12    /CUSTOM/data/DPS/ODL/PGE_RepEph#20001#01.odl
12321      10    /CUSTOM/data/DPS/ODL/PGE_RepEph#20001#02.odl
12102      10    /CUSTOM/data/DPS/ODL/PGE_RepEph#20001#03.odl
32730       9    /CUSTOM/data/DPS/ODL/PGE_RepEph#20001#04.odl
64977      13    /CUSTOM/data/DPS/Toolkit/PGS_1
62386       8    /CUSTOM/data/DPS/Toolkit/PGS_10
 3330       2    /CUSTOM/data/DPS/Toolkit/PGS_11
18802       6    /CUSTOM/data/DPS/Toolkit/PGS_12
37215      17    /CUSTOM/data/DPS/Toolkit/PGS_13
30639       1    /CUSTOM/data/DPS/Toolkit/PGS_14
59582       5    /CUSTOM/data/DPS/Toolkit/PGS_3
15594      10    /CUSTOM/data/DPS/Toolkit/PGS_4
 1178       2    /CUSTOM/data/DPS/Toolkit/PGS_5
  665       4    /CUSTOM/data/DPS/Toolkit/PGS_6
 9572       2    /CUSTOM/data/DPS/Toolkit/PGS_7
31824       6    /CUSTOM/data/DPS/Toolkit/PGS_9
46014      87    /CUSTOM/data/DPS/Toolkit/pctcheck
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64977       13      /CUSTOM/data/DPS/message/PGS_1
62386        8      /CUSTOM/data/DPS/message/PGS_10
 3330        2      /CUSTOM/data/DPS/message/PGS_11
18802        6      /CUSTOM/data/DPS/message/PGS_12
37215       17      /CUSTOM/data/DPS/message/PGS_13
30639        1      /CUSTOM/data/DPS/message/PGS_14
59582        5      /CUSTOM/data/DPS/message/PGS_3
15594       10      /CUSTOM/data/DPS/message/PGS_4
 1178        2      /CUSTOM/data/DPS/message/PGS_5
  665        4      /CUSTOM/data/DPS/message/PGS_6
 9572        2      /CUSTOM/data/DPS/message/PGS_7
31824        6      /CUSTOM/data/DPS/message/PGS_9
18597        1      /CUSTOM/data/DSS/EcDsDd8MMEMFailurePreamble.txt
47413        3      /CUSTOM/data/DSS/EcDsDd8MMEMSuccessPreamble.txt
18597        1      /CUSTOM/data/DSS/EcDsDdD3EMFailurePreamble.txt
47413        3      /CUSTOM/data/DSS/EcDsDdD3EMSuccessPreamble.txt
18597        1      /CUSTOM/data/DSS/EcDsDdFtpPullEMFailurePreamble.txt
49660        2      /CUSTOM/data/DSS/EcDsDdFtpPullEMSuccessPreamble.txt
18597        1      /CUSTOM/data/DSS/EcDsDdFtpPushEMFailurePreamble.txt
29014        1      /CUSTOM/data/DSS/EcDsDdFtpPushEMSuccessPreamble.txt
40825        5      /CUSTOM/data/DSS/ResourceCatalogs/DsGlResource.dat.rcat
63478       90      /CUSTOM/data/DSS/ResourceCatalogs/DsMdResource.dat.rcat
38171       18      /CUSTOM/data/DSS/ResourceCatalogs/DsShResource.dat.rcat
64718       11      /CUSTOM/data/DSS/ResourceCatalogs/DsSrResource.dat.rcat
 1011       48      /CUSTOM/data/DSS/helpFiles/EcDsSdSrvGui.bfh
 1011       48      /CUSTOM/data/DSS/helpFiles/EcDsSdSrvGui.bmh
49173       55      /CUSTOM/data/DSS/temp/DsESDTAiAIR10SCC.001.desc
49203       55      /CUSTOM/data/DSS/temp/DsESDTAiAIR10SCI.001.desc
49210       55      /CUSTOM/data/DSS/temp/DsESDTAiAIR20SCI.001.desc
26905       52      /CUSTOM/data/DSS/temp/DsESDTAiAIRA2TMC.001.desc
63313       70      /CUSTOM/data/DSS/temp/DsESDTAiAIRAACAL.001.desc
56320       70      /CUSTOM/data/DSS/temp/DsESDTAiAIRAASCI.001.desc
51302       70      /CUSTOM/data/DSS/temp/DsESDTAiAIRABCBS.001.desc
57616       70      /CUSTOM/data/DSS/temp/DsESDTAiAIRABGOC.001.desc
27763       51      /CUSTOM/data/DSS/temp/DsESDTAiAIRABPAR.001.desc
60123       70      /CUSTOM/data/DSS/temp/DsESDTAiAIRABRAD.001.desc
25292       51      /CUSTOM/data/DSS/temp/DsESDTAiAIRABSGL.001.desc
28298       51      /CUSTOM/data/DSS/temp/DsESDTAiAIRABSLC.001.desc
29504       51      /CUSTOM/data/DSS/temp/DsESDTAiAIRABSLI.001.desc
64587       70      /CUSTOM/data/DSS/temp/DsESDTAiAIRASCAL.001.desc
58885       70      /CUSTOM/data/DSS/temp/DsESDTAiAIRASGOC.001.desc
60893       70      /CUSTOM/data/DSS/temp/DsESDTAiAIRASRAD.001.desc
57095       70      /CUSTOM/data/DSS/temp/DsESDTAiAIRASSCI.001.desc
55366       55      /CUSTOM/data/DSS/temp/DsESDTAiAIRB0CAC.001.desc
55391       55      /CUSTOM/data/DSS/temp/DsESDTAiAIRB0CAH.001.desc
55431       55      /CUSTOM/data/DSS/temp/DsESDTAiAIRB0CAP.001.desc
49098       55      /CUSTOM/data/DSS/temp/DsESDTAiAIRB0ENC.001.desc
49118       55      /CUSTOM/data/DSS/temp/DsESDTAiAIRB0ENG.001.desc
58542       55      /CUSTOM/data/DSS/temp/DsESDTAiAIRB0SCI.001.desc
45165       55      /CUSTOM/data/DSS/temp/DsESDTAiAIRH0SCI.001.desc
21348       52      /CUSTOM/data/DSS/temp/DsESDTAiAIRH2AAW.001.desc
26652       52      /CUSTOM/data/DSS/temp/DsESDTAiAIRH2TMC.001.desc
61195       70      /CUSTOM/data/DSS/temp/DsESDTAiAIRHACAL.001.desc
54202       70      /CUSTOM/data/DSS/temp/DsESDTAiAIRHASCI.001.desc
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55231    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRHBCBS.001.desc
56363    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRHBGOC.001.desc
27620    51    /CUSTOM/data/DSS/temp/DsESDTAiAIRHBPAR.001.desc
58005    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRHBRAD.001.desc
25149    51    /CUSTOM/data/DSS/temp/DsESDTAiAIRHBSGL.001.desc
28155    51    /CUSTOM/data/DSS/temp/DsESDTAiAIRHBSLC.001.desc
29361    51    /CUSTOM/data/DSS/temp/DsESDTAiAIRHBSLI.001.desc
62469    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRHSCAL.001.desc
57632    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRHSGOC.001.desc
58775    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRHSRAD.001.desc
54977    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRHSSCI.001.desc
20642    73    /CUSTOM/data/DSS/temp/DsESDTAiAIRI2CCF.001.desc
20717    73    /CUSTOM/data/DSS/temp/DsESDTAiAIRI2CCI.001.desc
30969    52    /CUSTOM/data/DSS/temp/DsESDTAiAIRI2FED.001.desc
31459    52    /CUSTOM/data/DSS/temp/DsESDTAiAIRI2FEN.001.desc
36664    52    /CUSTOM/data/DSS/temp/DsESDTAiAIRI2FRD.001.desc
37154    52    /CUSTOM/data/DSS/temp/DsESDTAiAIRI2FRN.001.desc
30042    52    /CUSTOM/data/DSS/temp/DsESDTAiAIRI2IFC.001.desc
40250    52    /CUSTOM/data/DSS/temp/DsESDTAiAIRI2RED.001.desc
40740    52    /CUSTOM/data/DSS/temp/DsESDTAiAIRI2REN.001.desc
27611    52    /CUSTOM/data/DSS/temp/DsESDTAiAIRI2TMC.001.desc
 2219    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRIACAL.001.desc
33632    66    /CUSTOM/data/DSS/temp/DsESDTAiAIRIAQAP.001.desc
57183    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRIASCI.001.desc
53087    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRIBCBS.001.desc
22489    52    /CUSTOM/data/DSS/temp/DsESDTAiAIRIBCPF.001.desc
21505    52    /CUSTOM/data/DSS/temp/DsESDTAiAIRIBFPM.001.desc
22277    52    /CUSTOM/data/DSS/temp/DsESDTAiAIRIBFRQ.001.desc
58282    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRIBGOC.001.desc
51931    69    /CUSTOM/data/DSS/temp/DsESDTAiAIRIBQAS.001.desc
59746    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRIBRAD.001.desc
21593    52    /CUSTOM/data/DSS/temp/DsESDTAiAIRIBSFF.001.desc
21924    52    /CUSTOM/data/DSS/temp/DsESDTAiAIRIBVPF.001.desc
 3493    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRISCAL.001.desc
22548    73    /CUSTOM/data/DSS/temp/DsESDTAiAIRISCCF.001.desc
22623    73    /CUSTOM/data/DSS/temp/DsESDTAiAIRISCCI.001.desc
61486    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRISDCR.001.desc
59353    69    /CUSTOM/data/DSS/temp/DsESDTAiAIRISFRE.001.desc
59551    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRISGOC.001.desc
33722    66    /CUSTOM/data/DSS/temp/DsESDTAiAIRISQAP.001.desc
52963    69    /CUSTOM/data/DSS/temp/DsESDTAiAIRISQAS.001.desc
60516    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRISRAD.001.desc
22628    73    /CUSTOM/data/DSS/temp/DsESDTAiAIRISREE.001.desc
57958    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRISSCI.001.desc
28293    52    /CUSTOM/data/DSS/temp/DsESDTAiAIRM2MCM.001.desc
24789    52    /CUSTOM/data/DSS/temp/DsESDTAiAIRM2MEC.001.desc
 2098    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRVACAL.001.desc
56969    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRVASCI.001.desc
52917    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRVBCBS.001.desc
58161    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRVBGOC.001.desc
51688    69    /CUSTOM/data/DSS/temp/DsESDTAiAIRVBQAS.001.desc
59576    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRVBRAD.001.desc
 3372    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRVSCAL.001.desc
59430    70    /CUSTOM/data/DSS/temp/DsESDTAiAIRVSGOC.001.desc
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52906      69    /CUSTOM/data/DSS/temp/DsESDTAiAIRVSQAS.001.desc
60346      70    /CUSTOM/data/DSS/temp/DsESDTAiAIRVSRAD.001.desc
57744      70    /CUSTOM/data/DSS/temp/DsESDTAiAIRVSSCI.001.desc
22530      52    /CUSTOM/data/DSS/temp/DsESDTAiAIRX2AAC.001.desc
22612      52    /CUSTOM/data/DSS/temp/DsESDTAiAIRX2ABT.001.desc
21028      52    /CUSTOM/data/DSS/temp/DsESDTAiAIRX2AEI.001.desc
28171      51    /CUSTOM/data/DSS/temp/DsESDTAiAIRX2ANG.001.desc
26946      52    /CUSTOM/data/DSS/temp/DsESDTAiAIRX2AVN.001.desc
29526      52    /CUSTOM/data/DSS/temp/DsESDTAiAIRX2CLI.001.desc
31427      52    /CUSTOM/data/DSS/temp/DsESDTAiAIRX2CRD.001.desc
31917      52    /CUSTOM/data/DSS/temp/DsESDTAiAIRX2CRN.001.desc
28586      52    /CUSTOM/data/DSS/temp/DsESDTAiAIRX2ICC.001.desc
28252      52    /CUSTOM/data/DSS/temp/DsESDTAiAIRX2ICM.001.desc
28787      52    /CUSTOM/data/DSS/temp/DsESDTAiAIRX2ICW.001.desc
27603      52    /CUSTOM/data/DSS/temp/DsESDTAiAIRX2ITC.001.desc
25918      52    /CUSTOM/data/DSS/temp/DsESDTAiAIRX2IWC.001.desc
30907      52    /CUSTOM/data/DSS/temp/DsESDTAiAIRX2NLD.001.desc
61399      63    /CUSTOM/data/DSS/temp/DsESDTAiAIRX2PCL.001.desc
43961     114    /CUSTOM/data/DSS/temp/DsESDTAiAIRX2REI.001.desc
52902      87    /CUSTOM/data/DSS/temp/DsESDTAiAIRX2REM.001.desc
43956     114    /CUSTOM/data/DSS/temp/DsESDTAiAIRX2RET.001.desc
23054      51    /CUSTOM/data/DSS/temp/DsESDTAiAIRX2SRD.001.desc
 5936      71    /CUSTOM/data/DSS/temp/DsESDTAiAIRX2SUP.001.desc
22092      52    /CUSTOM/data/DSS/temp/DsESDTAiAIRX2TOP.001.desc
19397      52    /CUSTOM/data/DSS/temp/DsESDTAiAIRXADCM.001.desc
25565      51    /CUSTOM/data/DSS/temp/DsESDTAiAIRXARYL.001.desc
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28760      52    /CUSTOM/data/DSS/temp/DsESDTAiAIRXBPAR.001.desc
48005     114    /CUSTOM/data/DSS/temp/DsESDTAiAIRXSREE.001.desc
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29403      75    /CUSTOM/data/DSS/temp/DsESDTAsAST13POL.001.desc
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41253      34    /CUSTOM/data/DSS/temp/DsESDTAsASTALGRN.001.desc
10028      38    /CUSTOM/data/DSS/temp/DsESDTAsASTALLOG.001.desc
24376     291    /CUSTOM/data/DSS/temp/DsESDTAsAST_04.001.desc
34133     288    /CUSTOM/data/DSS/temp/DsESDTAsAST_05.001.desc
11116     275    /CUSTOM/data/DSS/temp/DsESDTAsAST_06S.001.desc
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10607     275    /CUSTOM/data/DSS/temp/DsESDTAsAST_06T.001.desc
55678     273    /CUSTOM/data/DSS/temp/DsESDTAsAST_06TD.001.desc
37992     281    /CUSTOM/data/DSS/temp/DsESDTAsAST_06V.001.desc
17528     278    /CUSTOM/data/DSS/temp/DsESDTAsAST_06VD.001.desc
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25262    275    /CUSTOM/data/DSS/temp/DsESDTAsAST_09T.001.desc
42552     28    /CUSTOM/data/DSS/temp/DsESDTAsAST_ANC.001.desc
 5064     39    /CUSTOM/data/DSS/temp/DsESDTAsAST_EXP.001.desc
36357    172    /CUSTOM/data/DSS/temp/DsESDTAsAST_L1A.001.desc
18434    169    /CUSTOM/data/DSS/temp/DsESDTAsAST_L1AE.001.desc
34721    172    /CUSTOM/data/DSS/temp/DsESDTAsAST_L1B.001.desc
16798    169    /CUSTOM/data/DSS/temp/DsESDTAsAST_L1BE.001.desc
38260    157    /CUSTOM/data/DSS/temp/DsESDTAsAST_L1BT.001.desc
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10789    122    /CUSTOM/data/DSS/temp/DsESDTCeCBINHSAB.001.desc
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14727    122    /CUSTOM/data/DSS/temp/DsESDTCeCBINRPAB.001.desc
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11475     64    /CUSTOM/data/DSS/temp/DsESDTCeCCLWSPAA.001.desc
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 4278    122    /CUSTOM/data/DSS/temp/DsESDTCeCCMSGRAB.001.desc
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 4260    122   /CUSTOM/data/DSS/temp/DsESDTCeCCQCIRAB.001.desc
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50311     98   /CUSTOM/data/DSS/temp/DsESDTCeCER00AAX.001.desc
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 8319     64    /CUSTOM/data/DSS/temp/DsESDTCeCIRANGAA.001.desc
22290    122    /CUSTOM/data/DSS/temp/DsESDTCeCIRGRPAB.001.desc
12651     64    /CUSTOM/data/DSS/temp/DsESDTCeCJCOEFAB.001.desc
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22583    122    /CUSTOM/data/DSS/temp/DsESDTCeCJRGRPAB.001.desc
38701    135    /CUSTOM/data/DSS/temp/DsESDTCeCJTSINXB.001.desc
30936    141    /CUSTOM/data/DSS/temp/DsESDTCeCJTSI_AB.001.desc
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43448    135    /CUSTOM/data/DSS/temp/DsESDTCeCJVREGAB.001.desc
27563     64    /CUSTOM/data/DSS/temp/DsESDTCeCKGSA_AA.001.desc
65392    138    /CUSTOM/data/DSS/temp/DsESDTCeCKQCR_AB.001.desc
 5183     64    /CUSTOM/data/DSS/temp/DsESDTCeCKSSIGAA.001.desc
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22311    122    /CUSTOM/data/DSS/temp/DsESDTCeCLRGRPAB.001.desc
37673    135    /CUSTOM/data/DSS/temp/DsESDTCeCLVREGAB.001.desc
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35692    135    /CUSTOM/data/DSS/temp/DsESDTCeCMQCRPAB.001.desc
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51819    144    /CUSTOM/data/DSS/temp/DsESDTCeCMSFCMAB.001.desc
28980    267    /CUSTOM/data/DSS/temp/DsESDTCeCMSFC_AB.001.desc
23526    141    /CUSTOM/data/DSS/temp/DsESDTCeCNQCRPAB.001.desc
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61184    138    /CUSTOM/data/DSS/temp/DsESDTCeCOQCPPAA.001.desc
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52715     86    /CUSTOM/data/DSS/temp/DsESDTEaDFLAPTMP.001.desc
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29266     90    /CUSTOM/data/DSS/temp/DsESDTEaDFLASMST.001.desc
55432     95    /CUSTOM/data/DSS/temp/DsESDTEaDFLASTMP.001.desc
61594     94    /CUSTOM/data/DSS/temp/DsESDTEaDFLASTRP.001.desc
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15922      99    /CUSTOM/data/DSS/temp/DsESDTEaDFLAXLSM.001.desc
12958     127    /CUSTOM/data/DSS/temp/DsESDTEaDFLAXMIS.001.desc
55304     102    /CUSTOM/data/DSS/temp/DsESDTEaDFLAXSTR.001.desc
30573      92    /CUSTOM/data/DSS/temp/DsESDTEaDFLFPMIS.001.desc
 3898     125    /CUSTOM/data/DSS/temp/DsESDTEaDFLFXMIS.001.desc
22348      92    /CUSTOM/data/DSS/temp/DsESDTEaDFLNPANL.001.desc
22332      92    /CUSTOM/data/DSS/temp/DsESDTEaDFLNPFCT.001.desc
51023      24    /CUSTOM/data/DSS/temp/DsESDTEaDFLN_ODS.001.desc
48348      24    /CUSTOM/data/DSS/temp/DsESDTEaDFLN_RST.001.desc
31458      90    /CUSTOM/data/DSS/temp/DsESDTEaDLLAPCHM.001.desc
63333      93    /CUSTOM/data/DSS/temp/DsESDTEaDLLAPCLD.001.desc
29228      92    /CUSTOM/data/DSS/temp/DsESDTEaDLLAPMIS.001.desc
   16      84    /CUSTOM/data/DSS/temp/DsESDTEaDLLAPMOM.001.desc
19566      87    /CUSTOM/data/DSS/temp/DsESDTEaDLLAPMST.001.desc
  688      84    /CUSTOM/data/DSS/temp/DsESDTEaDLLAPTMP.001.desc
  327      84    /CUSTOM/data/DSS/temp/DsESDTEaDLLAPTRP.001.desc
30753      90    /CUSTOM/data/DSS/temp/DsESDTEaDLLASCHM.001.desc
29551      97    /CUSTOM/data/DSS/temp/DsESDTEaDLLASCLD.001.desc
53147      97    /CUSTOM/data/DSS/temp/DsESDTEaDLLASMIS.001.desc
40123      88    /CUSTOM/data/DSS/temp/DsESDTEaDLLASMOM.001.desc
18861      87    /CUSTOM/data/DSS/temp/DsESDTEaDLLASMST.001.desc
45027      92    /CUSTOM/data/DSS/temp/DsESDTEaDLLASTMP.001.desc
51189      91    /CUSTOM/data/DSS/temp/DsESDTEaDLLASTRP.001.desc
57614      78    /CUSTOM/data/DSS/temp/DsESDTEaDLLAXCHM.001.desc
40334      95    /CUSTOM/data/DSS/temp/DsESDTEaDLLAXCLD.001.desc
20122     127    /CUSTOM/data/DSS/temp/DsESDTEaDLLAXENG.001.desc
 5517      96    /CUSTOM/data/DSS/temp/DsESDTEaDLLAXLSM.001.desc
 2553     125    /CUSTOM/data/DSS/temp/DsESDTEaDLLAXMIS.001.desc
44899      99    /CUSTOM/data/DSS/temp/DsESDTEaDLLAXSTR.001.desc
30343      92    /CUSTOM/data/DSS/temp/DsESDTEaDLLFPMIS.001.desc
 3668     125    /CUSTOM/data/DSS/temp/DsESDTEaDLLFXMIS.001.desc
23710      92    /CUSTOM/data/DSS/temp/DsESDTEaDLLNPANL.001.desc
23694      92    /CUSTOM/data/DSS/temp/DsESDTEaDLLNPFCT.001.desc
50793      24    /CUSTOM/data/DSS/temp/DsESDTEaDLLN_ODS.001.desc
48118      24    /CUSTOM/data/DSS/temp/DsESDTEaDLLN_RST.001.desc
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29489      60    /CUSTOM/data/DSS/temp/DsESDTEaFNMOC_ML.001.desc
34516      55    /CUSTOM/data/DSS/temp/DsESDTEaGDAS0ZFH.001.desc
34990      55    /CUSTOM/data/DSS/temp/DsESDTEaGDAS_0ZF.001.desc
 6301      50    /CUSTOM/data/DSS/temp/DsESDTEaISCCPGE2.001.desc
47584      57    /CUSTOM/data/DSS/temp/DsESDTEaISCCPGMS.001.desc
48580      57    /CUSTOM/data/DSS/temp/DsESDTEaISCCP_GE.001.desc
48739      57    /CUSTOM/data/DSS/temp/DsESDTEaISCCP_GW.001.desc
48745      57    /CUSTOM/data/DSS/temp/DsESDTEaISCCP_MS.001.desc
24073      58    /CUSTOM/data/DSS/temp/DsESDTEaMRF.001.desc
23940      58    /CUSTOM/data/DSS/temp/DsESDTEaMRF_H.001.desc
40098      54    /CUSTOM/data/DSS/temp/DsESDTEaNCEP03.001.desc
41792      54    /CUSTOM/data/DSS/temp/DsESDTEaNCEP04.001.desc
49720      55    /CUSTOM/data/DSS/temp/DsESDTEaNCEP_ICE.001.desc
49896      55    /CUSTOM/data/DSS/temp/DsESDTEaOVWATWND.001.desc
49511      55    /CUSTOM/data/DSS/temp/DsESDTEaOZ2DAILY.001.desc
42662      55    /CUSTOM/data/DSS/temp/DsESDTEaOZ2DLYH.001.desc
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34952    59    /CUSTOM/data/DSS/temp/DsESDTEaOZON_SB.001.desc
40104    55    /CUSTOM/data/DSS/temp/DsESDTEaOZ_DAILY.001.desc
41781    55    /CUSTOM/data/DSS/temp/DsESDTEaOZ_DLYH.001.desc
30798    59    /CUSTOM/data/DSS/temp/DsESDTEaOZ_TOVS.001.desc
44732    57    /CUSTOM/data/DSS/temp/DsESDTEaREYNSST.001.desc
63110    72    /CUSTOM/data/DSS/temp/DsESDTEaSEA_ICE.001.desc
64705    72    /CUSTOM/data/DSS/temp/DsESDTEaSEA_ICEH.001.desc
53738    53    /CUSTOM/data/DSS/temp/DsESDTEaSHBU_OBS.001.desc
24847    56    /CUSTOM/data/DSS/temp/DsESDTEaSNOWICEH.001.desc
26654    56    /CUSTOM/data/DSS/temp/DsESDTEaSNOWICEN.001.desc
34378    59    /CUSTOM/data/DSS/temp/DsESDTEaVegIndx3.001.desc
34545    56    /CUSTOM/data/DSS/temp/DsESDTEaVegIxPWI.001.desc
33165    56    /CUSTOM/data/DSS/temp/DsESDTEaVegIxQCD.001.desc
33507    56    /CUSTOM/data/DSS/temp/DsESDTEaVegIxSZA.001.desc
31988    56    /CUSTOM/data/DSS/temp/DsESDTEaVegIxScA.001.desc
32425    56    /CUSTOM/data/DSS/temp/DsESDTEaVegIxch1.001.desc
32432    56    /CUSTOM/data/DSS/temp/DsESDTEaVegIxch2.001.desc
32446    56    /CUSTOM/data/DSS/temp/DsESDTEaVegIxch4.001.desc
32453    56    /CUSTOM/data/DSS/temp/DsESDTEaVegIxch5.001.desc
31799    56    /CUSTOM/data/DSS/temp/DsESDTEaWKAERSOL.001.desc
30608    50    /CUSTOM/data/DSS/temp/DsESDTFoAM1Ephem.001.desc
26638    50    /CUSTOM/data/DSS/temp/DsESDTFoAM1GDTrk.001.desc
23683    50    /CUSTOM/data/DSS/temp/DsESDTFoAM1OrNum.001.desc
16067    50    /CUSTOM/data/DSS/temp/DsESDTFoActSched.001.desc
45861    47    /CUSTOM/data/DSS/temp/DsESDTFoFOSBLOB.001.desc
21768    50    /CUSTOM/data/DSS/temp/DsESDTFoPrOrbEvn.001.desc
 9722    29    /CUSTOM/data/DSS/temp/DsESDTGeBrowse.001.desc
25412    45    /CUSTOM/data/DSS/temp/DsESDTLoECSMSDBA.001.desc
 5165    32    /CUSTOM/data/DSS/temp/DsESDTLoECSMSSLG.001.desc
20987   251    /CUSTOM/data/DSS/temp/DsESDTLsL70R.001.desc
50910   215    /CUSTOM/data/DSS/temp/DsESDTLsL70RF1.001.desc
 2075   198    /CUSTOM/data/DSS/temp/DsESDTLsL70RF2.001.desc
28060   479    /CUSTOM/data/DSS/temp/DsESDTLsL70RWRS.001.desc
37279   399    /CUSTOM/data/DSS/temp/DsESDTLsL70RWRS1.001.desc
42341   323    /CUSTOM/data/DSS/temp/DsESDTLsL70RWRS2.001.desc
44273    61    /CUSTOM/data/DSS/temp/DsESDTLsL7CPF.001.desc
61542   174    /CUSTOM/data/DSS/temp/DsESDTLsL7IGS.001.desc
14742   329    /CUSTOM/data/DSS/temp/DsESDTLsL7IGSWRS.001.desc
58357   185    /CUSTOM/data/DSS/temp/DsESDTMiMB2LME.001.desc
59402   185    /CUSTOM/data/DSS/temp/DsESDTMiMB2LMT.001.desc
 8465   178    /CUSTOM/data/DSS/temp/DsESDTMiMI1AC.001.desc
55144   138    /CUSTOM/data/DSS/temp/DsESDTMiMI1AENG1.001.desc
 6918   145    /CUSTOM/data/DSS/temp/DsESDTMiMI1AMOT.001.desc
60983   142    /CUSTOM/data/DSS/temp/DsESDTMiMI1ANAV.001.desc
 9039   153    /CUSTOM/data/DSS/temp/DsESDTMiMI1AOBC.001.desc
59138   169    /CUSTOM/data/DSS/temp/DsESDTMiMI1B1.001.desc
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 7325   193    /CUSTOM/data/DSS/temp/DsESDTMiMI1B2T.001.desc
10715   168    /CUSTOM/data/DSS/temp/DsESDTMiMI3GA16D.001.desc
12007   168    /CUSTOM/data/DSS/temp/DsESDTMiMI3GAAN.001.desc
32573   126    /CUSTOM/data/DSS/temp/DsESDTMiMI3GAMON.001.desc
13044   168    /CUSTOM/data/DSS/temp/DsESDTMiMI3GASEA.001.desc
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10183   167   /CUSTOM/data/DSS/temp/DsESDTMiMI3GCMON.001.desc
53658   167   /CUSTOM/data/DSS/temp/DsESDTMiMI3GCSEA.001.desc
50996   165   /CUSTOM/data/DSS/temp/DsESDTMiMI3GR16D.001.desc
63067   165   /CUSTOM/data/DSS/temp/DsESDTMiMI3GRAN.001.desc
13698   168   /CUSTOM/data/DSS/temp/DsESDTMiMI3GRMON.001.desc
17001   168   /CUSTOM/data/DSS/temp/DsESDTMiMI3GRSEA.001.desc
14900   168   /CUSTOM/data/DSS/temp/DsESDTMiMI3GS16D.001.desc
25177   168   /CUSTOM/data/DSS/temp/DsESDTMiMI3GSAN.001.desc
27396   168   /CUSTOM/data/DSS/temp/DsESDTMiMI3GSMON.001.desc
26120   168   /CUSTOM/data/DSS/temp/DsESDTMiMI3GSSEA.001.desc
31346   123   /CUSTOM/data/DSS/temp/DsESDTMiMIANACP.001.desc
15724    29   /CUSTOM/data/DSS/temp/DsESDTMiMIANAZM.001.desc
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52336   147   /CUSTOM/data/DSS/temp/DsESDTMiMIANCARP.001.desc
21614    30   /CUSTOM/data/DSS/temp/DsESDTMiMIANCSSC.001.desc
56039    33   /CUSTOM/data/DSS/temp/DsESDTMiMIANLDBM.001.desc
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59795    75   /CUSTOM/data/DSS/temp/DsESDTMiMIANPPAF.001.desc
59851    75   /CUSTOM/data/DSS/temp/DsESDTMiMIANPPAN.001.desc
59767    75   /CUSTOM/data/DSS/temp/DsESDTMiMIANPPBA.001.desc
59802    75   /CUSTOM/data/DSS/temp/DsESDTMiMIANPPBF.001.desc
59774    75   /CUSTOM/data/DSS/temp/DsESDTMiMIANPPCA.001.desc
59809    75   /CUSTOM/data/DSS/temp/DsESDTMiMIANPPCF.001.desc
59781    75   /CUSTOM/data/DSS/temp/DsESDTMiMIANPPDA.001.desc
59816    75   /CUSTOM/data/DSS/temp/DsESDTMiMIANPPDF.001.desc
63029    71   /CUSTOM/data/DSS/temp/DsESDTMiMIANRCCH.001.desc
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 9561    29   /CUSTOM/data/DSS/temp/DsESDTMiMIANTOAC.001.desc
52521    28   /CUSTOM/data/DSS/temp/DsESDTMiMIASH.001.desc
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62314   169   /CUSTOM/data/DSS/temp/DsESDTMiMIB1LM.001.desc
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13903   180   /CUSTOM/data/DSS/temp/DsESDTMiMIL1A.001.desc
29142   196   /CUSTOM/data/DSS/temp/DsESDTMiMIL2ASAE.001.desc
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10743   198   /CUSTOM/data/DSS/temp/DsESDTMiMIL2ASOS.001.desc
23605   198   /CUSTOM/data/DSS/temp/DsESDTMiMIL2TCAL.001.desc
49820   188   /CUSTOM/data/DSS/temp/DsESDTMiMIL2TCCL.001.desc
47553   188   /CUSTOM/data/DSS/temp/DsESDTMiMIL2TCST.001.desc
 5002   172   /CUSTOM/data/DSS/temp/DsESDTMiMIRCCM.001.desc
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 3593    76   /CUSTOM/data/DSS/temp/DsESDTMiMIRFOIAA.001.desc
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 3600    76   /CUSTOM/data/DSS/temp/DsESDTMiMIRFOIBA.001.desc
 3635    76   /CUSTOM/data/DSS/temp/DsESDTMiMIRFOIBF.001.desc
 3607    76   /CUSTOM/data/DSS/temp/DsESDTMiMIRFOICA.001.desc
 3642    76   /CUSTOM/data/DSS/temp/DsESDTMiMIRFOICF.001.desc
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  641    106   /CUSTOM/data/DSS/temp/DsESDTMiMISBR.001.desc
37763     85   /CUSTOM/data/DSS/temp/DsESDTMiMISCALAA.001.desc
37928     85   /CUSTOM/data/DSS/temp/DsESDTMiMISCALAF.001.desc
38110     85   /CUSTOM/data/DSS/temp/DsESDTMiMISCALAN.001.desc
37782     85   /CUSTOM/data/DSS/temp/DsESDTMiMISCALBA.001.desc
37937     85   /CUSTOM/data/DSS/temp/DsESDTMiMISCALBF.001.desc
31563     84   /CUSTOM/data/DSS/temp/DsESDTMiMISCALCA.001.desc
37966     85   /CUSTOM/data/DSS/temp/DsESDTMiMISCALCF.001.desc
31552     84   /CUSTOM/data/DSS/temp/DsESDTMiMISCALDA.001.desc
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13368     79   /CUSTOM/data/DSS/temp/DsESDTMiMISCLBAX.001.desc
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22325    107   /CUSTOM/data/DSS/temp/DsESDTMiMISL0CAL.001.desc
19312     79   /CUSTOM/data/DSS/temp/DsESDTMiMISL0CAX.001.desc
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36726     85   /CUSTOM/data/DSS/temp/DsESDTMiMISL0DA.001.desc
13125     79   /CUSTOM/data/DSS/temp/DsESDTMiMISL0DAX.001.desc
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19216     79   /CUSTOM/data/DSS/temp/DsESDTMiMISL0DFX.001.desc
29118    107   /CUSTOM/data/DSS/temp/DsESDTMiMISL0ENG.001.desc
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15927    102   /CUSTOM/data/DSS/temp/DsESDTMiMISL0S1X.001.desc
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15949    102   /CUSTOM/data/DSS/temp/DsESDTMiMISL0S3X.001.desc
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62262    101   /CUSTOM/data/DSS/temp/DsESDTMiMISL0SY2.001.desc
62275    101   /CUSTOM/data/DSS/temp/DsESDTMiMISL0SY3.001.desc
64917    102   /CUSTOM/data/DSS/temp/DsESDTMiMISL0TST.001.desc
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33609    312    /CUSTOM/data/DSS/temp/DsESDTMoMO04SM.001.desc
33386    312    /CUSTOM/data/DSS/temp/DsESDTMoMO04SN.001.desc
33574    312    /CUSTOM/data/DSS/temp/DsESDTMoMO04SR.001.desc
33415    312    /CUSTOM/data/DSS/temp/DsESDTMoMO04SW.001.desc
32641    312    /CUSTOM/data/DSS/temp/DsESDTMoMO091D.001.desc
32724    312    /CUSTOM/data/DSS/temp/DsESDTMoMO091M.001.desc
32501    312    /CUSTOM/data/DSS/temp/DsESDTMoMO091N.001.desc
32033    312    /CUSTOM/data/DSS/temp/DsESDTMoMO091R.001.desc
32530    312    /CUSTOM/data/DSS/temp/DsESDTMoMO091W.001.desc
32648    312    /CUSTOM/data/DSS/temp/DsESDTMoMO092D.001.desc
32731    312    /CUSTOM/data/DSS/temp/DsESDTMoMO092M.001.desc
32508    312    /CUSTOM/data/DSS/temp/DsESDTMoMO092N.001.desc
32040    312    /CUSTOM/data/DSS/temp/DsESDTMoMO092R.001.desc
32537    312    /CUSTOM/data/DSS/temp/DsESDTMoMO092W.001.desc
32655    312    /CUSTOM/data/DSS/temp/DsESDTMoMO093D.001.desc
32738    312    /CUSTOM/data/DSS/temp/DsESDTMoMO093M.001.desc
32515    312    /CUSTOM/data/DSS/temp/DsESDTMoMO093N.001.desc
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32047    312    /CUSTOM/data/DSS/temp/DsESDTMoMO093R.001.desc
32544    312    /CUSTOM/data/DSS/temp/DsESDTMoMO093W.001.desc
34112    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09FD.001.desc
34195    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09FM.001.desc
33972    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09FN.001.desc
33504    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09FR.001.desc
34001    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09FW.001.desc
32633    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09MD.001.desc
32716    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09MM.001.desc
32493    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09MN.001.desc
32025    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09MR.001.desc
32522    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09MW.001.desc
33804    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09ND.001.desc
33887    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09NM.001.desc
33664    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09NN.001.desc
33196    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09NR.001.desc
33693    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09NW.001.desc
33373    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09QD.001.desc
33456    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09QM.001.desc
33233    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09QN.001.desc
32765    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09QR.001.desc
33262    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09QW.001.desc
34130    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09SD.001.desc
34213    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09SM.001.desc
34071    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09SN.001.desc
33603    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09SR.001.desc
34100    312    /CUSTOM/data/DSS/temp/DsESDTMoMO09SW.001.desc
33382    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1D1D.001.desc
33465    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1D1M.001.desc
33242    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1D1N.001.desc
32774    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1D1R.001.desc
33271    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1D1W.001.desc
33389    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1D2D.001.desc
33472    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1D2M.001.desc
33249    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1D2N.001.desc
32781    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1D2R.001.desc
33278    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1D2W.001.desc
33396    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1D3D.001.desc
33479    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1D3M.001.desc
33256    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1D3N.001.desc
32788    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1D3R.001.desc
33285    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1D3W.001.desc
34772    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DFD.001.desc
34855    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DFM.001.desc
34632    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DFN.001.desc
34245    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DFR.001.desc
34661    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DFW.001.desc
33374    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DMD.001.desc
33457    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DMM.001.desc
33234    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DMN.001.desc
32766    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DMR.001.desc
33263    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DMW.001.desc
34464    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DND.001.desc
34547    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DNM.001.desc
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34405    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DNN.001.desc
33937    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DNR.001.desc
34434    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DNW.001.desc
34114    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DQD.001.desc
34197    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DQM.001.desc
33974    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DQN.001.desc
33506    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DQR.001.desc
34003    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DQW.001.desc
34839    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DSD.001.desc
34922    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DSM.001.desc
34731    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DSN.001.desc
34344    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DSR.001.desc
34760    312    /CUSTOM/data/DSS/temp/DsESDTMoMO1DSW.001.desc
32671    312    /CUSTOM/data/DSS/temp/DsESDTMoMO361D.001.desc
32754    312    /CUSTOM/data/DSS/temp/DsESDTMoMO361M.001.desc
32531    312    /CUSTOM/data/DSS/temp/DsESDTMoMO361N.001.desc
32063    312    /CUSTOM/data/DSS/temp/DsESDTMoMO361R.001.desc
32560    312    /CUSTOM/data/DSS/temp/DsESDTMoMO361W.001.desc
32678    312    /CUSTOM/data/DSS/temp/DsESDTMoMO362D.001.desc
32761    312    /CUSTOM/data/DSS/temp/DsESDTMoMO362M.001.desc
32538    312    /CUSTOM/data/DSS/temp/DsESDTMoMO362N.001.desc
32070    312    /CUSTOM/data/DSS/temp/DsESDTMoMO362R.001.desc
32567    312    /CUSTOM/data/DSS/temp/DsESDTMoMO362W.001.desc
32685    312    /CUSTOM/data/DSS/temp/DsESDTMoMO363D.001.desc
32768    312    /CUSTOM/data/DSS/temp/DsESDTMoMO363M.001.desc
32545    312    /CUSTOM/data/DSS/temp/DsESDTMoMO363N.001.desc
32077    312    /CUSTOM/data/DSS/temp/DsESDTMoMO363R.001.desc
32574    312    /CUSTOM/data/DSS/temp/DsESDTMoMO363W.001.desc
34142    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36FD.001.desc
34225    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36FM.001.desc
34002    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36FN.001.desc
33534    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36FR.001.desc
34031    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36FW.001.desc
32663    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36MD.001.desc
32746    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36MM.001.desc
32523    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36MN.001.desc
32055    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36MR.001.desc
32552    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36MW.001.desc
33834    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36ND.001.desc
33917    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36NM.001.desc
33694    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36NN.001.desc
33226    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36NR.001.desc
33723    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36NW.001.desc
33403    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36QD.001.desc
33486    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36QM.001.desc
33263    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36QN.001.desc
32795    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36QR.001.desc
33292    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36QW.001.desc
34160    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36SD.001.desc
34243    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36SM.001.desc
34101    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36SN.001.desc
33633    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36SR.001.desc
34130    312    /CUSTOM/data/DSS/temp/DsESDTMoMO36SW.001.desc
62172     83    /CUSTOM/data/DSS/temp/DsESDTMoMOD00.001.desc
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 9799     83    /CUSTOM/data/DSS/temp/DsESDTMoMOD000.001.desc
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44751     78    /CUSTOM/data/DSS/temp/DsESDTMoMOD00X.001.desc
 6392    105    /CUSTOM/data/DSS/temp/DsESDTMoMOD01.001.desc
60439     26    /CUSTOM/data/DSS/temp/DsESDTMoMOD01LUT.001.desc
62344    105    /CUSTOM/data/DSS/temp/DsESDTMoMOD01SS.001.desc
 9957    151    /CUSTOM/data/DSS/temp/DsESDTMoMOD021KM.001.desc
 8870    151    /CUSTOM/data/DSS/temp/DsESDTMoMOD02HKM.001.desc
14651     25    /CUSTOM/data/DSS/temp/DsESDTMoMOD02LUT.001.desc
10387    118    /CUSTOM/data/DSS/temp/DsESDTMoMOD02OBC.001.desc
30384     49    /CUSTOM/data/DSS/temp/DsESDTMoMOD02QC.001.desc
 9737    151    /CUSTOM/data/DSS/temp/DsESDTMoMOD02QKM.001.desc
46879    143    /CUSTOM/data/DSS/temp/DsESDTMoMOD02SS1.001.desc
12782    120    /CUSTOM/data/DSS/temp/DsESDTMoMOD03.001.desc
17295     25    /CUSTOM/data/DSS/temp/DsESDTMoMOD03CP.001.desc
36437     28    /CUSTOM/data/DSS/temp/DsESDTMoMOD03DEM.001.desc
13762     25    /CUSTOM/data/DSS/temp/DsESDTMoMOD03LUT.001.desc
19810     25    /CUSTOM/data/DSS/temp/DsESDTMoMOD03QC.001.desc
21817     25    /CUSTOM/data/DSS/temp/DsESDTMoMOD04LUT.001.desc
61898     69    /CUSTOM/data/DSS/temp/DsESDTMoMOD04L_O.001.desc
43250    172    /CUSTOM/data/DSS/temp/DsESDTMoMOD04_L2.001.desc
33644     30    /CUSTOM/data/DSS/temp/DsESDTMoMOD04_QC.001.desc
21824     25    /CUSTOM/data/DSS/temp/DsESDTMoMOD05LUR.001.desc
20811     25    /CUSTOM/data/DSS/temp/DsESDTMoMOD05LUW.001.desc
 6040    167    /CUSTOM/data/DSS/temp/DsESDTMoMOD05_L2.001.desc
35343     30    /CUSTOM/data/DSS/temp/DsESDTMoMOD05_QC.001.desc
21829     25    /CUSTOM/data/DSS/temp/DsESDTMoMOD06LUT.001.desc
50556    201    /CUSTOM/data/DSS/temp/DsESDTMoMOD06_L2.001.desc
24859     25    /CUSTOM/data/DSS/temp/DsESDTMoMOD07LUT.001.desc
41767    177    /CUSTOM/data/DSS/temp/DsESDTMoMOD07_L2.001.desc
26561     29    /CUSTOM/data/DSS/temp/DsESDTMoMOD07_QC.001.desc
24059     98    /CUSTOM/data/DSS/temp/DsESDTMoMOD08_D3.001.desc
53470    114    /CUSTOM/data/DSS/temp/DsESDTMoMOD08_E3.001.desc
15198     98    /CUSTOM/data/DSS/temp/DsESDTMoMOD08_M3.001.desc
58855     41    /CUSTOM/data/DSS/temp/DsESDTMoMOD08_TL.001.desc
55853    199    /CUSTOM/data/DSS/temp/DsESDTMoMOD09.001.desc
 1528    208    /CUSTOM/data/DSS/temp/DsESDTMoMOD09A1.001.desc
61517    199    /CUSTOM/data/DSS/temp/DsESDTMoMOD09CRS.001.desc
59107    167    /CUSTOM/data/DSS/temp/DsESDTMoMOD09GHK.001.desc
57648    157    /CUSTOM/data/DSS/temp/DsESDTMoMOD09GQK.001.desc
 6688    164    /CUSTOM/data/DSS/temp/DsESDTMoMOD09GST.001.desc
23782     25    /CUSTOM/data/DSS/temp/DsESDTMoMOD09LU1.001.desc
22229     25    /CUSTOM/data/DSS/temp/DsESDTMoMOD09LU2.001.desc
20990     25    /CUSTOM/data/DSS/temp/DsESDTMoMOD09LU3.001.desc
39981    150    /CUSTOM/data/DSS/temp/DsESDTMoMOD10A1.001.desc
24324    141    /CUSTOM/data/DSS/temp/DsESDTMoMOD10A2.001.desc
54772    144    /CUSTOM/data/DSS/temp/DsESDTMoMOD10A3.001.desc
32536    129    /CUSTOM/data/DSS/temp/DsESDTMoMOD10C1.001.desc
32337    129    /CUSTOM/data/DSS/temp/DsESDTMoMOD10C2.001.desc
33502    129    /CUSTOM/data/DSS/temp/DsESDTMoMOD10C3.001.desc
22739    154    /CUSTOM/data/DSS/temp/DsESDTMoMOD10L2G.001.desc
 3980    146    /CUSTOM/data/DSS/temp/DsESDTMoMOD10_L2.001.desc
39493    145    /CUSTOM/data/DSS/temp/DsESDTMoMOD11A1.001.desc
11512    135    /CUSTOM/data/DSS/temp/DsESDTMoMOD11A2.001.desc
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39032   145   /CUSTOM/data/DSS/temp/DsESDTMoMOD11B1.001.desc
16510   131   /CUSTOM/data/DSS/temp/DsESDTMoMOD11B2.001.desc
23502   125   /CUSTOM/data/DSS/temp/DsESDTMoMOD11C1.001.desc
23273   125   /CUSTOM/data/DSS/temp/DsESDTMoMOD11C2.001.desc
24008   125   /CUSTOM/data/DSS/temp/DsESDTMoMOD11C3.001.desc
48271    38   /CUSTOM/data/DSS/temp/DsESDTMoMOD11LCV.001.desc
26503    25   /CUSTOM/data/DSS/temp/DsESDTMoMOD11LUW.001.desc
 1689    27   /CUSTOM/data/DSS/temp/DsESDTMoMOD11UPD.001.desc
63697   149   /CUSTOM/data/DSS/temp/DsESDTMoMOD11_L2.001.desc
65054   129   /CUSTOM/data/DSS/temp/DsESDTMoMOD12C1.001.desc
13385   130   /CUSTOM/data/DSS/temp/DsESDTMoMOD12C2.001.desc
19462    25   /CUSTOM/data/DSS/temp/DsESDTMoMOD12LUT.001.desc
64444   138   /CUSTOM/data/DSS/temp/DsESDTMoMOD12M.001.desc
51901   171   /CUSTOM/data/DSS/temp/DsESDTMoMOD12Q1.001.desc
23989   143   /CUSTOM/data/DSS/temp/DsESDTMoMOD12Q2.001.desc
 4251   155   /CUSTOM/data/DSS/temp/DsESDTMoMOD13A1.001.desc
38048   158   /CUSTOM/data/DSS/temp/DsESDTMoMOD13A2.001.desc
54459   159   /CUSTOM/data/DSS/temp/DsESDTMoMOD13A3.001.desc
55720   159   /CUSTOM/data/DSS/temp/DsESDTMoMOD13C2.001.desc
56371   159   /CUSTOM/data/DSS/temp/DsESDTMoMOD13C3.001.desc
19015   108   /CUSTOM/data/DSS/temp/DsESDTMoMOD14.001.desc
 2584   137   /CUSTOM/data/DSS/temp/DsESDTMoMOD14A1.001.desc
 2250   137   /CUSTOM/data/DSS/temp/DsESDTMoMOD14A2.001.desc
17527   136   /CUSTOM/data/DSS/temp/DsESDTMoMOD14A3.001.desc
65092   127   /CUSTOM/data/DSS/temp/DsESDTMoMOD14C1.001.desc
64533   127   /CUSTOM/data/DSS/temp/DsESDTMoMOD14C2.001.desc
65167   127   /CUSTOM/data/DSS/temp/DsESDTMoMOD14C3.001.desc
 9798   150   /CUSTOM/data/DSS/temp/DsESDTMoMOD14GD.001.desc
10288   150   /CUSTOM/data/DSS/temp/DsESDTMoMOD14GN.001.desc
39792   147   /CUSTOM/data/DSS/temp/DsESDTMoMOD14L2G.001.desc
27418   138   /CUSTOM/data/DSS/temp/DsESDTMoMOD15.001.desc
22628    97   /CUSTOM/data/DSS/temp/DsESDTMoMOD15A1.001.desc
42851   125   /CUSTOM/data/DSS/temp/DsESDTMoMOD15A2.001.desc
60592   127   /CUSTOM/data/DSS/temp/DsESDTMoMOD15C1.001.desc
19304   130   /CUSTOM/data/DSS/temp/DsESDTMoMOD15C2.001.desc
19483    25   /CUSTOM/data/DSS/temp/DsESDTMoMOD15LUT.001.desc
32795   135   /CUSTOM/data/DSS/temp/DsESDTMoMOD17A1.001.desc
40190   139   /CUSTOM/data/DSS/temp/DsESDTMoMOD17A2.001.desc
61201   127   /CUSTOM/data/DSS/temp/DsESDTMoMOD17C1.001.desc
19689   130   /CUSTOM/data/DSS/temp/DsESDTMoMOD17C2.001.desc
19497    25   /CUSTOM/data/DSS/temp/DsESDTMoMOD17LUT.001.desc
 4704    27   /CUSTOM/data/DSS/temp/DsESDTMoMOD27HLG.001.desc
15049   118   /CUSTOM/data/DSS/temp/DsESDTMoMOD27HV.001.desc
 2294    27   /CUSTOM/data/DSS/temp/DsESDTMoMOD27HVM.001.desc
37162    38   /CUSTOM/data/DSS/temp/DsESDTMoMOD27LUT.001.desc
 1076    27   /CUSTOM/data/DSS/temp/DsESDTMoMOD27MSK.001.desc
14936   118   /CUSTOM/data/DSS/temp/DsESDTMoMOD27W.001.desc
 5015    27   /CUSTOM/data/DSS/temp/DsESDTMoMOD27WLG.001.desc
14909   118   /CUSTOM/data/DSS/temp/DsESDTMoMOD27Y.001.desc
 4989    27   /CUSTOM/data/DSS/temp/DsESDTMoMOD27YLG.001.desc
65445   132   /CUSTOM/data/DSS/temp/DsESDTMoMOD28AD1.001.desc
 1404   132   /CUSTOM/data/DSS/temp/DsESDTMoMOD28AD2.001.desc
  334   132   /CUSTOM/data/DSS/temp/DsESDTMoMOD28AN1.001.desc
 1808   132   /CUSTOM/data/DSS/temp/DsESDTMoMOD28AN2.001.desc
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 4225   135    /CUSTOM/data/DSS/temp/DsESDTMoMOD28BD1.001.desc
 5709   135    /CUSTOM/data/DSS/temp/DsESDTMoMOD28BD2.001.desc
 4639   135    /CUSTOM/data/DSS/temp/DsESDTMoMOD28BN1.001.desc
 6113   135    /CUSTOM/data/DSS/temp/DsESDTMoMOD28BN2.001.desc
  520   132    /CUSTOM/data/DSS/temp/DsESDTMoMOD28DD1.001.desc
 2014   132    /CUSTOM/data/DSS/temp/DsESDTMoMOD28DD2.001.desc
  944   132    /CUSTOM/data/DSS/temp/DsESDTMoMOD28DN1.001.desc
 2418   132    /CUSTOM/data/DSS/temp/DsESDTMoMOD28DN2.001.desc
  139   132    /CUSTOM/data/DSS/temp/DsESDTMoMOD28ED1.001.desc
 1633   132    /CUSTOM/data/DSS/temp/DsESDTMoMOD28ED2.001.desc
  563   132    /CUSTOM/data/DSS/temp/DsESDTMoMOD28EN1.001.desc
 2037   132    /CUSTOM/data/DSS/temp/DsESDTMoMOD28EN2.001.desc
58265   132    /CUSTOM/data/DSS/temp/DsESDTMoMOD28FD1.001.desc
59759   132    /CUSTOM/data/DSS/temp/DsESDTMoMOD28FD2.001.desc
58689   132    /CUSTOM/data/DSS/temp/DsESDTMoMOD28FN1.001.desc
60163   132    /CUSTOM/data/DSS/temp/DsESDTMoMOD28FN2.001.desc
62594   185    /CUSTOM/data/DSS/temp/DsESDTMoMOD28L2.001.desc
 2423    27    /CUSTOM/data/DSS/temp/DsESDTMoMOD28LUT.001.desc
63277   155    /CUSTOM/data/DSS/temp/DsESDTMoMOD28QC.001.desc
 1798   132    /CUSTOM/data/DSS/temp/DsESDTMoMOD28RD1.001.desc
 3292   132    /CUSTOM/data/DSS/temp/DsESDTMoMOD28RD2.001.desc
 1507    27    /CUSTOM/data/DSS/temp/DsESDTMoMOD28REF.001.desc
 2222   132    /CUSTOM/data/DSS/temp/DsESDTMoMOD28RN1.001.desc
 3696   132    /CUSTOM/data/DSS/temp/DsESDTMoMOD28RN2.001.desc
  867   132    /CUSTOM/data/DSS/temp/DsESDTMoMOD28WD1.001.desc
 2361   132    /CUSTOM/data/DSS/temp/DsESDTMoMOD28WD2.001.desc
 1291   132    /CUSTOM/data/DSS/temp/DsESDTMoMOD28WN1.001.desc
 2765   132    /CUSTOM/data/DSS/temp/DsESDTMoMOD28WN2.001.desc
50937   128    /CUSTOM/data/DSS/temp/DsESDTMoMOD29.001.desc
28356   141    /CUSTOM/data/DSS/temp/DsESDTMoMOD29A1.001.desc
29245   141    /CUSTOM/data/DSS/temp/DsESDTMoMOD29A2.001.desc
29970   141    /CUSTOM/data/DSS/temp/DsESDTMoMOD29A3.001.desc
38228   129    /CUSTOM/data/DSS/temp/DsESDTMoMOD29C1.001.desc
38552   129    /CUSTOM/data/DSS/temp/DsESDTMoMOD29C2.001.desc
38744   129    /CUSTOM/data/DSS/temp/DsESDTMoMOD29C3.001.desc
51266   149    /CUSTOM/data/DSS/temp/DsESDTMoMOD29GD.001.desc
51756   149    /CUSTOM/data/DSS/temp/DsESDTMoMOD29GN.001.desc
17994   145    /CUSTOM/data/DSS/temp/DsESDTMoMOD29L2G.001.desc
26487    29    /CUSTOM/data/DSS/temp/DsESDTMoMOD35ANC.001.desc
17129    58    /CUSTOM/data/DSS/temp/DsESDTMoMOD35LU1.001.desc
  479    58    /CUSTOM/data/DSS/temp/DsESDTMoMOD35LU3.001.desc
17150    58    /CUSTOM/data/DSS/temp/DsESDTMoMOD35LU4.001.desc
17157    58    /CUSTOM/data/DSS/temp/DsESDTMoMOD35LU5.001.desc
16396    58    /CUSTOM/data/DSS/temp/DsESDTMoMOD35LU6.001.desc
49532   183    /CUSTOM/data/DSS/temp/DsESDTMoMOD35_L2.001.desc
22890    29    /CUSTOM/data/DSS/temp/DsESDTMoMOD35_QC.001.desc
28181   117    /CUSTOM/data/DSS/temp/DsESDTMoMOD40.001.desc
26613   198    /CUSTOM/data/DSS/temp/DsESDTMoMOD43B1.001.desc
25758   198    /CUSTOM/data/DSS/temp/DsESDTMoMOD43B2.001.desc
24035   198    /CUSTOM/data/DSS/temp/DsESDTMoMOD43B3.001.desc
64648   195    /CUSTOM/data/DSS/temp/DsESDTMoMOD43B4.001.desc
15876   130    /CUSTOM/data/DSS/temp/DsESDTMoMOD43C1.001.desc
16507   130    /CUSTOM/data/DSS/temp/DsESDTMoMOD43C2.001.desc
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22501     25    /CUSTOM/data/DSS/temp/DsESDTMoMOD43LUA.001.desc
21159     25    /CUSTOM/data/DSS/temp/DsESDTMoMOD43LUM.001.desc
 1470     27    /CUSTOM/data/DSS/temp/DsESDTMoMOD43LUP.001.desc
19896     25    /CUSTOM/data/DSS/temp/DsESDTMoMOD43LUT.001.desc
16429     25    /CUSTOM/data/DSS/temp/DsESDTMoMOD43MSR.001.desc
54390    155    /CUSTOM/data/DSS/temp/DsESDTMoMOD44A.001.desc
16757    156    /CUSTOM/data/DSS/temp/DsESDTMoMOD44B.001.desc
39409     40    /CUSTOM/data/DSS/temp/DsESDTMoMOD44LUT.001.desc
38960     30    /CUSTOM/data/DSS/temp/DsESDTMoMOD5CLUR.001.desc
39112     30    /CUSTOM/data/DSS/temp/DsESDTMoMOD5C_QC.001.desc
31717     46    /CUSTOM/data/DSS/temp/DsESDTMoMOD6ANCT.001.desc
36350     30    /CUSTOM/data/DSS/temp/DsESDTMoMOD6CDQC.001.desc
34900     30    /CUSTOM/data/DSS/temp/DsESDTMoMOD6CTQC.001.desc
35694     30    /CUSTOM/data/DSS/temp/DsESDTMoMOD6ODQC.001.desc
 9744    111    /CUSTOM/data/DSS/temp/DsESDTMoMODAGAGG.001.desc
61839    111    /CUSTOM/data/DSS/temp/DsESDTMoMODAGTEX.001.desc
32033     78    /CUSTOM/data/DSS/temp/DsESDTMoMODCSR_G.001.desc
 4325     27    /CUSTOM/data/DSS/temp/DsESDTMoMODLE_QA.001.desc
 4596     27    /CUSTOM/data/DSS/temp/DsESDTMoMODLG_QA.001.desc
10402     48    /CUSTOM/data/DSS/temp/DsESDTMoMODLN_QA.001.desc
22976     46    /CUSTOM/data/DSS/temp/DsESDTMoMODLRDEF.001.desc
22165     74    /CUSTOM/data/DSS/temp/DsESDTMoMODLREG.001.desc
52413    139    /CUSTOM/data/DSS/temp/DsESDTMoMODMGGA.001.desc
18776    139    /CUSTOM/data/DSS/temp/DsESDTMoMODMGGAD.001.desc
18858    139    /CUSTOM/data/DSS/temp/DsESDTMoMODMGGAN.001.desc
14532    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA01.001.desc
15089    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA02.001.desc
15161    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA03.001.desc
15081    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA04.001.desc
15112    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA05.001.desc
15181    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA06.001.desc
15204    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA07.001.desc
34921    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA08.001.desc
14831    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA09.001.desc
17956    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA10.001.desc
17970    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA11.001.desc
23231    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA12.001.desc
16386    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA13.001.desc
15793    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA14.001.desc
20320    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA15.001.desc
19923    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA16.001.desc
20757    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA17.001.desc
22780    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA18.001.desc
23036    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA19.001.desc
24213    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA20.001.desc
23006    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA21.001.desc
15289    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA22.001.desc
14995    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA23.001.desc
20131    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA24.001.desc
16185    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA25.001.desc
15412    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA26.001.desc
15426    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA27.001.desc
16922    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA28.001.desc
13998    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA29.001.desc
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24444    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA30.001.desc
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15909    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA32.001.desc
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15959    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA34.001.desc
15949    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA35.001.desc
15965    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCA36.001.desc
19931     27    /CUSTOM/data/DSS/temp/DsESDTMoMODOCAER.001.desc
19353    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB01.001.desc
19394    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB02.001.desc
19466    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB03.001.desc
19386    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB04.001.desc
19417    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB05.001.desc
19486    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB06.001.desc
19509    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB07.001.desc
39226    184    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB08.001.desc
19136    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB09.001.desc
22261    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB10.001.desc
22275    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB11.001.desc
27536    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB12.001.desc
20691    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB13.001.desc
20098    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB14.001.desc
24625    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB15.001.desc
24228    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB16.001.desc
25062    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB17.001.desc
27085    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB18.001.desc
27341    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB19.001.desc
28518    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB20.001.desc
27311    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB21.001.desc
19594    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB22.001.desc
19300    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB23.001.desc
24436    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB24.001.desc
20490    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB25.001.desc
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28749    184    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB30.001.desc
21878    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB31.001.desc
20214    183    /CUSTOM/data/DSS/temp/DsESDTMoMODOCB32.001.desc
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15658    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCD01.001.desc
15699    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCD02.001.desc
15771    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCD03.001.desc
15691    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCD04.001.desc
15722    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCD05.001.desc
15791    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCD06.001.desc
15814    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCD07.001.desc
35531    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCD08.001.desc
15441    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCD09.001.desc
18566    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCD10.001.desc
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20533    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCD16.001.desc
21367    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCD17.001.desc
23390    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCD18.001.desc
23646    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCD19.001.desc
24823    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCD20.001.desc
23616    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCD21.001.desc
15899    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCD22.001.desc
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16795    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCD25.001.desc
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18183    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCD31.001.desc
16519    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCD32.001.desc
16539    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCD33.001.desc
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18199    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCE11.001.desc
23460    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCE12.001.desc
16615    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCE13.001.desc
16022    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCE14.001.desc
20549    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCE15.001.desc
20152    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCE16.001.desc
20986    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCE17.001.desc
23009    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCE18.001.desc
23265    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCE19.001.desc
24442    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCE20.001.desc
23235    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCE21.001.desc
15518    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCE22.001.desc
15224    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCE23.001.desc
20360    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCE24.001.desc
16414    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCE25.001.desc
15641    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCE26.001.desc
15655    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCE27.001.desc
17151    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCE28.001.desc
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16138    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCE32.001.desc
16158    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCE33.001.desc
16188    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCE34.001.desc
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 7868    180    /CUSTOM/data/DSS/temp/DsESDTMoMODOCF01.001.desc
 7909    180    /CUSTOM/data/DSS/temp/DsESDTMoMODOCF02.001.desc
 7981    180    /CUSTOM/data/DSS/temp/DsESDTMoMODOCF03.001.desc
 7901    180    /CUSTOM/data/DSS/temp/DsESDTMoMODOCF04.001.desc
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27741    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCF08.001.desc
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10776    180    /CUSTOM/data/DSS/temp/DsESDTMoMODOCF10.001.desc
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12743    180    /CUSTOM/data/DSS/temp/DsESDTMoMODOCF16.001.desc
13577    180    /CUSTOM/data/DSS/temp/DsESDTMoMODOCF17.001.desc
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12951    180    /CUSTOM/data/DSS/temp/DsESDTMoMODOCF24.001.desc
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30179    181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCF30.001.desc
10393    180    /CUSTOM/data/DSS/temp/DsESDTMoMODOCF31.001.desc
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64501    235    /CUSTOM/data/DSS/temp/DsESDTMoMODOCL2.001.desc
19562    239    /CUSTOM/data/DSS/temp/DsESDTMoMODOCL2A.001.desc
63239    232    /CUSTOM/data/DSS/temp/DsESDTMoMODOCL2B.001.desc
 2552     27    /CUSTOM/data/DSS/temp/DsESDTMoMODOCLU1.001.desc
 3891     27    /CUSTOM/data/DSS/temp/DsESDTMoMODOCLU2.001.desc
 3480     27    /CUSTOM/data/DSS/temp/DsESDTMoMODOCLU3.001.desc
 3799     27    /CUSTOM/data/DSS/temp/DsESDTMoMODOCLU4.001.desc
 4181     27    /CUSTOM/data/DSS/temp/DsESDTMoMODOCLUT.001.desc
 7137     27    /CUSTOM/data/DSS/temp/DsESDTMoMODOCMSK.001.desc
54619     36    /CUSTOM/data/DSS/temp/DsESDTMoMODOCNMC.001.desc
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16977     181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCR02.001.desc
17049     181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCR03.001.desc
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17837     181    /CUSTOM/data/DSS/temp/DsESDTMoMODOCR35.001.desc
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15260    86   /CUSTOM/data/DSS/temp/DsESDTMpMOP00BST.001.desc
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38596      28    /CUSTOM/data/DSS/temp/DsESDTMpMOPSurfE.001.desc
38310      28    /CUSTOM/data/DSS/temp/DsESDTMpMOPSurfI.001.desc
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32878      82    /CUSTOM/data/DSS/temp/DsESDTPpAM1ATTHF.001.desc
 5253      79    /CUSTOM/data/DSS/temp/DsESDTPpAM1ATTN0.001.desc
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28791     970    /CUSTOM/data/DSS/temp/libDsESDTGeBrowse.001Sh.so
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53028     922    /CUSTOM/data/DSS/temp/libDsESDTPpFAILPGE.001Sh.so
31347     922    /CUSTOM/data/DSS/temp/libDsESDTPpPGEEXE.001Sh.so
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46679       39    /CUSTOM/data/IOS/IoAdProgrammers.cnfg
50123       12    /CUSTOM/data/IOS/IoAdSchema.cnfg
56258      894    /CUSTOM/data/IOS/Installer/EcClDtInController
33895      115    /CUSTOM/data/IOS/Installer/EcClDtInInstaller
34978        3    /CUSTOM/data/IOS/Installer/IoAdInstaller.README
63165      770    /CUSTOM/data/IOS/Installer/IoAdInstallerPkg.tar.Z
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29081       14
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14281      155    /CUSTOM/data/MSS/helpFiles/MsAcRegUserUIHelp.bfh
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54371     33   /CUSTOM/data/V0_Client/dist_files/XGaea
12556     43   /CUSTOM/data/V0_Client/dist_files/acronym.txt
15420    113   /CUSTOM/data/V0_Client/dist_files/glossary.txt
34720    589   /CUSTOM/data/V0_Client/dist_files/gui_help.gdb
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22001    159   /CUSTOM/data/V0_Client/sup_files/VALIDSTRINGS.valids
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20712    978   /CUSTOM/data/V0_Client/sup_files/WDBTILE
54371     33   /CUSTOM/data/V0_Client/sup_files/XGaea
12556     43   /CUSTOM/data/V0_Client/sup_files/acronym.txt
52540      6   /CUSTOM/data/V0_Client/sup_files/archive.odl
15420    113   /CUSTOM/data/V0_Client/sup_files/glossary.txt
34720    589   /CUSTOM/data/V0_Client/sup_files/gui_help.gdb
35308      3   /CUSTOM/data/V0_Client/sup_files/gui_helpHelp.txt
53453      6   /CUSTOM/data/V0_Client/sup_files/gui_sysHelp.txt
61222     14   /CUSTOM/data/V0_Client/sup_files/notice.html
56478      5   /CUSTOM/data/V0_Client/sup_files/usoHelp.txt
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30092     17   /CUSTOM/dbms/COM/DBAdmin/EcCoDbSyb_DumpTran
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 4346      1   /CUSTOM/dbms/COM/DBAdmin/EcCoDbSyb_SedFile
58896      3   /CUSTOM/dbms/COM/DBAdmin/EcCoDbSyb_SetupKsh
10214      1   /CUSTOM/dbms/COM/DBAdmin/EcCoDbSyb_tran_log.awk
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17359      5   /CUSTOM/dbms/COM/DBAdmin/EcDbMasterBcp
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 2766      1   /CUSTOM/dbms/COM/DBMon/servername
45100      2   /CUSTOM/dbms/CSS/EcCsSbDbClean.sql
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50324      2    /CUSTOM/dbms/CSS/EcSbDropSubProcs.sql
38545      2    /CUSTOM/dbms/CSS/EcSbDropSubscriptionTable.sql
31247      5    /CUSTOM/dbms/CSS/EcSbEventStoredProcs.sql
38335      2    /CUSTOM/dbms/CSS/EcSbGetAllEventIDs.sql
39272      2    /CUSTOM/dbms/CSS/EcSbGetAllSubIDs.sql
43988      2    /CUSTOM/dbms/CSS/EcSbGetMySubscription.sql
55306      4    /CUSTOM/dbms/CSS/EcSbGrantPermission.sql
61333      2    /CUSTOM/dbms/CSS/EcSbNewEventIDTable.sql
60700      2    /CUSTOM/dbms/CSS/EcSbNewSubIDTable.sql
40352      2    /CUSTOM/dbms/CSS/EcSbSeleteEvents.sql
21680      6    /CUSTOM/dbms/CSS/EcSbSubStoredProcs.sql
 9717      2    /CUSTOM/dbms/CSS/EcSbSybaseLogins.sql
50872      2    /CUSTOM/dbms/CSS/EcSbUpdateVersionTable.sql
37293      1    /CUSTOM/dbms/CSS/EcSeAclEditDB.sql
14384      4    /CUSTOM/dbms/CSS/EcSeAclEditIndexes.sql
42795      1    /CUSTOM/dbms/CSS/EcSeAclEditSegments.sql
62060     10    /CUSTOM/dbms/CSS/EcSeAclEditSp.sql
48597      5    /CUSTOM/dbms/CSS/EcSeAclEditTables.sql
30192      7    /CUSTOM/dbms/DMS/DmDbCleanCollection
30212      5    /CUSTOM/dbms/DMS/DmDbCleanCollection.csh
 2140      1    /CUSTOM/dbms/DMS/DmDdAddUser.sql
32269      3    /CUSTOM/dbms/DMS/DmDdAdditionalAttributesDel.sp
 9667      7    /CUSTOM/dbms/DMS/DmDdBcpCopyIn.csh
57757     19    /CUSTOM/dbms/DMS/DmDdBcpCopyOut.csh
 8419      4    /CUSTOM/dbms/DMS/DmDdBcpInitData.csh
33807      3    /CUSTOM/dbms/DMS/DmDdBcpTest.csh
21407      3    /CUSTOM/dbms/DMS/DmDdChkDupCollection.tr
17986     21    /CUSTOM/dbms/DMS/DmDdCleanUpMappings.sp
11009     16    /CUSTOM/dbms/DMS/DmDdCollDel.sp
27097      8    /CUSTOM/dbms/DMS/DmDdCollECSAttributeXrefDel.sp
60921     49    /CUSTOM/dbms/DMS/DmDdCreateAll.sql
49122      7    /CUSTOM/dbms/DMS/DmDdCreateAllRun.csh
 7267     38    /CUSTOM/dbms/DMS/DmDdCreateAttrConstraint.tr
63976     23    /CUSTOM/dbms/DMS/DmDdCreateConstraint.sql
 6146      2    /CUSTOM/dbms/DMS/DmDdDbRun.csh
37149      6    /CUSTOM/dbms/DMS/DmDdDbVersions.sql
33316      7    /CUSTOM/dbms/DMS/DmDdDropAll.sql
48627      2    /CUSTOM/dbms/DMS/DmDdDropAllRun.csh
49897      4    /CUSTOM/dbms/DMS/DmDdECSAttributesDel.sp
```

```
32565        3     /CUSTOM/dbms/DMS/DmDdEquivalentAttributesDel.sp
53174        4     /CUSTOM/dbms/DMS/DmDdGrant.csh
18773       11     /CUSTOM/dbms/DMS/DmDdGrantDdUser.sql
24724        7     /CUSTOM/dbms/DMS/DmDdGrantUser.sql
11850        8     /CUSTOM/dbms/DMS/DmDdInfoMgrCollections.sp
37963        3     /CUSTOM/dbms/DMS/DmDdInfoMgrDel.sp
51665        8     /CUSTOM/dbms/DMS/DmDdInstrumentDel.sp
 6325       14     /CUSTOM/dbms/DMS/DmDdPatch4PLandsat.sql
58806        7     /CUSTOM/dbms/DMS/DmDdPlatformDel.sp
46626        7     /CUSTOM/dbms/DMS/DmDdSensorDel.sp
10547        1     /CUSTOM/dbms/DMS/DmDdSiteData.sql
 3713        2     /CUSTOM/dbms/DMS/DmDdV0Gw.uv
46503        6     /CUSTOM/dbms/DMS/EcDmAddGrpUsers.sql
29251       22     /CUSTOM/dbms/DMS/EcDmCopyIn.csh
33343       59     /CUSTOM/dbms/DMS/EcDmCreateAll.sql
36090        9     /CUSTOM/dbms/DMS/EcDmDbDataThresh
60905       10     /CUSTOM/dbms/DMS/EcDmDbDesc
45655        6     /CUSTOM/dbms/DMS/EcDmDbDropDataThresh
48749        4     /CUSTOM/dbms/DMS/EcDmDbStat
42385       18     /CUSTOM/dbms/DMS/EcDmDbThreshold
60153        5     /CUSTOM/dbms/DMS/EcDmDdDbDrop.sql
29950        9     /CUSTOM/dbms/DMS/EcDmDdDbDumpTran
 9137        8     /CUSTOM/dbms/DMS/EcDmDdDbLoadTran
44697        5     /CUSTOM/dbms/DMS/EcDmDdDbPatch4PX.sql
19657        6     /CUSTOM/dbms/DMS/EcDmDdDbPatch4PY.sql
62078       13     /CUSTOM/dbms/DMS/EcDmDdDbPatch5A.sql
 5967        4     /CUSTOM/dbms/DMS/EcDmDropThresh.sql
41086        3     /CUSTOM/dbms/DMS/EcDmSybaseLogins.sql
    0        0     /CUSTOM/dbms/DMS/data/CollectionData/DmDdAcronym.dat
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                   ributes.dat
    0        0
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                   .dat
    0        0
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    0        0
                    /CUSTOM/dbms/DMS/data/CollectionData/DmDdCollectionXre
                   f.dat
    0        0
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                   tChar.dat
    0        0
                    /CUSTOM/dbms/DMS/data/CollectionData/DmDdDatePlatformC
                   har.dat
    0        0
                    /CUSTOM/dbms/DMS/data/CollectionData/DmDdDateSensorCha
                   r.dat
```

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            .dat
    0       0
                /CUSTOM/dbms/DMS/data/CollectionData/DmDdECSDiscipline
            .dat
    0       0
                /CUSTOM/dbms/DMS/data/CollectionData/DmDdECSParameterD
            etails.dat
    0       0   /CUSTOM/dbms/DMS/data/CollectionData/DmDdECSTerm.dat
    0       0   /CUSTOM/dbms/DMS/data/CollectionData/DmDdECSTopic.dat
    0       0
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            ributes.dat
    0       0
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            ntChar.dat
    0       0
                /CUSTOM/dbms/DMS/data/CollectionData/DmDdFloatPlatform
            Char.dat
    0       0
                /CUSTOM/dbms/DMS/data/CollectionData/DmDdFloatSensorCh
            ar.dat
    0       0   /CUSTOM/dbms/DMS/data/CollectionData/DmDdGlossary.dat
    0       0   /CUSTOM/dbms/DMS/data/CollectionData/DmDdGroup.dat
34144       4   /CUSTOM/dbms/DMS/data/CollectionData/DmDdGroupXref.dat
53049       2   /CUSTOM/dbms/DMS/data/CollectionData/DmDdInfoMgr.dat
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                /CUSTOM/dbms/DMS/data/CollectionData/DmDdInfoMgrXref.d
            at
    0       0   /CUSTOM/dbms/DMS/data/CollectionData/DmDdInstrument.dat
    0       0
                /CUSTOM/dbms/DMS/data/CollectionData/DmDdInstrumentCha
            racteristic.dat
    0       0
                /CUSTOM/dbms/DMS/data/CollectionData/DmDdInstrumentPla
            tformXref.dat
```

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0       0
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            f.dat
0       0
                /CUSTOM/dbms/DMS/data/CollectionData/DmDdIntInstrument
            Char.dat
0       0
                /CUSTOM/dbms/DMS/data/CollectionData/DmDdIntPlatformCh
            ar.dat
0       0
                /CUSTOM/dbms/DMS/data/CollectionData/DmDdIntSensorChar
            .dat
0       0
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            ref.dat
0       0
                /CUSTOM/dbms/DMS/data/CollectionData/DmDdKeywordParame
            terXref.dat
0       0
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            .dat
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                /CUSTOM/dbms/DMS/data/CollectionData/DmDdMultipleColle
            ction.dat
0       0
                /CUSTOM/dbms/DMS/data/CollectionData/DmDdNumericDomain
            .dat
0       0
                /CUSTOM/dbms/DMS/data/CollectionData/DmDdOperationMode
            Class.dat
0       0   /CUSTOM/dbms/DMS/data/CollectionData/DmDdPlatform.dat
0       0
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            cteristic.dat
0       0
                /CUSTOM/dbms/DMS/data/CollectionData/DmDdPlatformXref.
            dat
0       0
                /CUSTOM/dbms/DMS/data/CollectionData/DmDdRangeDateTime
            .dat
0       0   /CUSTOM/dbms/DMS/data/CollectionData/DmDdSensor.dat
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            eristic.dat
0       0
                /CUSTOM/dbms/DMS/data/CollectionData/DmDdSensorInstrum
            entXref.dat
0       0   /CUSTOM/dbms/DMS/data/CollectionData/DmDdSensorXref.dat
0       0
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            lection.dat
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                 dClass.dat
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                 dat
    0        0
                    /CUSTOM/dbms/DMS/data/CollectionData/DmDdStringInstrum
                 entChar.dat
    0        0
                    /CUSTOM/dbms/DMS/data/CollectionData/DmDdStringPlatfor
                 mChar.dat
    0        0
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                 har.dat
    0        0     /CUSTOM/dbms/DMS/data/CollectionData/DmDdStringType.dat
    0        0     /CUSTOM/dbms/DMS/data/CollectionData/DmDdTemporal.dat
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                    /CUSTOM/dbms/DMS/data/CollectionData/DmDdTemporalKeywo
                 rdClass.dat
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                 .dat
56620       33     /CUSTOM/dbms/DMS/data/DDictData/DmDdECSAttributes.dat
 2577        1     /CUSTOM/dbms/DMS/data/DDictData/DmDdECSDiscipline.dat
30456        5     /CUSTOM/dbms/DMS/data/DDictData/DmDdECSTerm.dat
27687        1     /CUSTOM/dbms/DMS/data/DDictData/DmDdECSTopic.dat
56582       44     /CUSTOM/dbms/DMS/data/DDictData/DmDdECSVariable.dat
56344        2     /CUSTOM/dbms/DMS/data/DDictData/DmDdGroup.dat
52955        5     /CUSTOM/dbms/DMS/data/DDictData/DmDdGroupXref.dat
61089        6     /CUSTOM/dbms/DMS/data/DDictData/DmDdInfoMgr.dat
46368        6     /CUSTOM/dbms/DMS/data/DDictData/DmDdInfoMgrXref.dat
59855        3     /CUSTOM/dbms/DMS/data/DDictData/DmDdInstrument.dat
 5578        1     /CUSTOM/dbms/DMS/data/DDictData/DmDdMetadataLevel.dat
26395        4     /CUSTOM/dbms/DMS/data/DDictData/DmDdPlatform.dat
36139        4     /CUSTOM/dbms/DMS/data/DDictData/DmDdSensor.dat
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59579      197     /CUSTOM/dbms/DMS/data/DDictData/DmDdValidsMapping.dat
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                 ributes.dat
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22579        2
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                 ngle.dat
```

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31719    16
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    0     0
                /CUSTOM/dbms/DMS/data/V0ToEcsGateway/DmDdDateInstrumen
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    0     0
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    0     0
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19604     3
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26262     2
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             .dat
    0     0
                /CUSTOM/dbms/DMS/data/V0ToEcsGateway/DmDdECSParameterD
             etails.dat
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    0     0  /CUSTOM/dbms/DMS/data/V0ToEcsGateway/DmDdECSTopic.dat
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    0     0
                /CUSTOM/dbms/DMS/data/V0ToEcsGateway/DmDdFloatPlatform
             Char.dat
    0     0
                /CUSTOM/dbms/DMS/data/V0ToEcsGateway/DmDdFloatSensorCh
             ar.dat
    0     0  /CUSTOM/dbms/DMS/data/V0ToEcsGateway/DmDdGlossary.dat
    0     0  /CUSTOM/dbms/DMS/data/V0ToEcsGateway/DmDdGroup.dat
13316     1  /CUSTOM/dbms/DMS/data/V0ToEcsGateway/DmDdInfoMgr.dat
```

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             at
   0      0    /CUSTOM/dbms/DMS/data/V0ToEcsGateway/DmDdInstrument.dat
   0      0
                  /CUSTOM/dbms/DMS/data/V0ToEcsGateway/DmDdInstrumentCha
             racteristic.dat
   0      0
                  /CUSTOM/dbms/DMS/data/V0ToEcsGateway/DmDdInstrumentPla
             tformXref.dat
   0      0
                  /CUSTOM/dbms/DMS/data/V0ToEcsGateway/DmDdInstrumentXre
             f.dat
   0      0
                  /CUSTOM/dbms/DMS/data/V0ToEcsGateway/DmDdIntInstrument
             Char.dat
   0      0
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             ar.dat
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   0      0
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             ref.dat
   0      0
                  /CUSTOM/dbms/DMS/data/V0ToEcsGateway/DmDdKeywordParame
             terXref.dat
   0      0
                  /CUSTOM/dbms/DMS/data/V0ToEcsGateway/DmDdLevelGroupXre
             f.dat
2109      1
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             ction.dat
   0      0
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             .dat
   0      0
                  /CUSTOM/dbms/DMS/data/V0ToEcsGateway/DmDdOperationMode
             Class.dat
   0      0    /CUSTOM/dbms/DMS/data/V0ToEcsGateway/DmDdPlatform.dat
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             cteristic.dat
   0      0
                  /CUSTOM/dbms/DMS/data/V0ToEcsGateway/DmDdPlatformXref.
             dat
```

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     0       0
                 /CUSTOM/dbms/DMS/data/V0ToEcsGateway/DmDdSensorCharact
            eristic.dat
     0       0
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            lection.dat
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            .dat
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     0       0
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     0       0   /CUSTOM/dbms/DMS/data/V0ToEcsGateway/DmDdTemporal.dat
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            rdClass.dat
     0       0
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            .dat
 45463      62   /CUSTOM/dbms/DSS/DsDbB0CollectionTables.sql
 51730      13   /CUSTOM/dbms/DSS/DsDbB0ContactTables.sql
 12711      15   /CUSTOM/dbms/DSS/DsDbB0DAPTables.sql
 63948      17   /CUSTOM/dbms/DSS/DsDbB0DataOrigTables.sql
  3108       4   /CUSTOM/dbms/DSS/DsDbB0DataTypes.sql
 39363      13   /CUSTOM/dbms/DSS/DsDbB0DictionaryTables.sql
 37526      90   /CUSTOM/dbms/DSS/DsDbB0GranuleTables.sql
 39796      11   /CUSTOM/dbms/DSS/DsDbB0RecoveryTables.sql
  3211      10   /CUSTOM/dbms/DSS/DsDbB0SpatialTables.sql
 49335      12   /CUSTOM/dbms/DSS/DsDbB0SystemTables.sql
 19203      13   /CUSTOM/dbms/DSS/DsDbB0SystemWrapperTables.sql
 25941       9   /CUSTOM/dbms/DSS/DsDbB0TemporalTables.sql
  1284      64   /CUSTOM/dbms/DSS/DsDbBuildConstraints.sql
```

```
49720     45    /CUSTOM/dbms/DSS/DsDbBuildSchemaPatch
19852    230    /CUSTOM/dbms/DSS/DsDbChange_DB_Schema.sql
45783      3    /CUSTOM/dbms/DSS/DsDbCheckObjects
54149     16    /CUSTOM/dbms/DSS/DsDbCleanCollection
50642     21    /CUSTOM/dbms/DSS/DsDbCleanGranules
43026     19    /CUSTOM/dbms/DSS/DsDbCleanSingleGranule
45089      9    /CUSTOM/dbms/DSS/DsDbDataThresh
22531    238    /CUSTOM/dbms/DSS/DsDbDeleteProcs.sql
15810      9    /CUSTOM/dbms/DSS/DsDbDeleteRequest.ksh
 7903      5    /CUSTOM/dbms/DSS/DsDbDeleteRequestByRpcId
58431     10    /CUSTOM/dbms/DSS/DsDbDesc
51600      6    /CUSTOM/dbms/DSS/DsDbDropDataThresh
64452     15    /CUSTOM/dbms/DSS/DsDbDropSchema
45329     76    /CUSTOM/dbms/DSS/DsDbDropSysUserMessages.sql
37525     14    /CUSTOM/dbms/DSS/DsDbDump
22563     10    /CUSTOM/dbms/DSS/DsDbDumpTranLog
13176      6    /CUSTOM/dbms/DSS/DsDbGenGrants.sql
 1859    306    /CUSTOM/dbms/DSS/DsDbGenSysUserMessages.sql
29987    440    /CUSTOM/dbms/DSS/DsDbGenSystemData.sql
 4599    312    /CUSTOM/dbms/DSS/DsDbGenWrapCommands.sql
22434    498    /CUSTOM/dbms/DSS/DsDbInsertProcs.sql
48174     10    /CUSTOM/dbms/DSS/DsDbLoad
58008     10    /CUSTOM/dbms/DSS/DsDbLoadTranLog
32697     55    /CUSTOM/dbms/DSS/DsDbMocExt
14618      4    /CUSTOM/dbms/DSS/DsDbMocRc
33870      8    /CUSTOM/dbms/DSS/DsDbMoveESDTGranules
28877    351    /CUSTOM/dbms/DSS/DsDbOtherProcs.sql
50576     14    /CUSTOM/dbms/DSS/DsDbPatch40.sql
15585     35    /CUSTOM/dbms/DSS/DsDbPatch40A.sql
 1429      8    /CUSTOM/dbms/DSS/DsDbPatch40B.sql
 9639      7    /CUSTOM/dbms/DSS/DsDbPatch41.ksh
 8733     46    /CUSTOM/dbms/DSS/DsDbPatch41.sql
17518      9    /CUSTOM/dbms/DSS/DsDbPatch43.ksh
16968     12    /CUSTOM/dbms/DSS/DsDbPatch43.sql
 9601     10    /CUSTOM/dbms/DSS/DsDbPatch44.sql
22016      9    /CUSTOM/dbms/DSS/DsDbPatch47.ksh
30302    115    /CUSTOM/dbms/DSS/DsDbPatch47.sql
17360      6    /CUSTOM/dbms/DSS/DsDbPatch471.sql
20534      3    /CUSTOM/dbms/DSS/DsDbPatch48.ksh
53473     64    /CUSTOM/dbms/DSS/DsDbPatch48.sql
24107     75    /CUSTOM/dbms/DSS/DsDbPatch481.sql
21891     16    /CUSTOM/dbms/DSS/DsDbPatch482.sql
35210     13    /CUSTOM/dbms/DSS/DsDbPatch484.sql
 9530      2    /CUSTOM/dbms/DSS/DsDbPatch488.ksh
19803    112    /CUSTOM/dbms/DSS/DsDbPatch488.sql
34303     10    /CUSTOM/dbms/DSS/DsDbPatch4883.sql
36203     14    /CUSTOM/dbms/DSS/DsDbPatch4885.sql
40942     20    /CUSTOM/dbms/DSS/DsDbPatch489.sql
29767     11    /CUSTOM/dbms/DSS/DsDbPatch49.sql
24058     47    /CUSTOM/dbms/DSS/DsDbPatch491.sql
36014     14    /CUSTOM/dbms/DSS/DsDbPatch4910.sql
55544      5    /CUSTOM/dbms/DSS/DsDbPatch4912.ksh
35138     20    /CUSTOM/dbms/DSS/DsDbPatch4912.sql
27570     12    /CUSTOM/dbms/DSS/DsDbPatch4914.ksh
```

```
47468       5    /CUSTOM/dbms/DSS/DsDbPatch4914.sql
 2422       6    /CUSTOM/dbms/DSS/DsDbPatch4918.sql
33571      10    /CUSTOM/dbms/DSS/DsDbPatch494.sql
36482      20    /CUSTOM/dbms/DSS/DsDbPatch495.sql
60310      83    /CUSTOM/dbms/DSS/DsDbPatch497.sql
58090       4    /CUSTOM/dbms/DSS/DsDbPatch50.ksh
57143     261    /CUSTOM/dbms/DSS/DsDbPatch50.sql
15057      95    /CUSTOM/dbms/DSS/DsDbPatch50a.sql
14050     314    /CUSTOM/dbms/DSS/DsDbPatch51.sql
 1432      30    /CUSTOM/dbms/DSS/DsDbPatch53.ksh
14055     104    /CUSTOM/dbms/DSS/DsDbPatch53.sql
32621      10    /CUSTOM/dbms/DSS/DsDbPatch54.sql
24204      21    /CUSTOM/dbms/DSS/DsDbPatch55.sql
35611      14    /CUSTOM/dbms/DSS/DsDbPatch552.sql
42727       5    /CUSTOM/dbms/DSS/DsDbPatch554.ksh
14838      25    /CUSTOM/dbms/DSS/DsDbPatch554.sql
37428      12    /CUSTOM/dbms/DSS/DsDbPatch556.ksh
47365       5    /CUSTOM/dbms/DSS/DsDbPatch556.sql
 9543       6    /CUSTOM/dbms/DSS/DsDbPatch558.sql
 9683     131    /CUSTOM/dbms/DSS/DsDbREADME
57765      80    /CUSTOM/dbms/DSS/DsDbRecoveryProcs.sql
28041      17    /CUSTOM/dbms/DSS/DsDbRemoveLandsatData
 7580     959    /CUSTOM/dbms/DSS/DsDbSODictionaryData.sql
12135     469    /CUSTOM/dbms/DSS/DsDbSelectProcs.sql
47924       8    /CUSTOM/dbms/DSS/DsDbSrFileLocMetadata
45735       8    /CUSTOM/dbms/DSS/DsDbSrGranPHMetadata
46713       6    /CUSTOM/dbms/DSS/DsDbStat
36440       5    /CUSTOM/dbms/DSS/DsDbSybaseLogins
  403      20    /CUSTOM/dbms/DSS/DsDbThreshold
11524     548    /CUSTOM/dbms/DSS/DsDbTriggers.sql
38714      52    /CUSTOM/dbms/DSS/DsDbUpdateProcs.sql
57511      27    /CUSTOM/dbms/DSS/DsDbUpdateSchema
 9230       5    /CUSTOM/dbms/DSS/DsDbUserCheck
 4781       1    /CUSTOM/dbms/DSS/DsDbUserList
 2957      47    /CUSTOM/dbms/DSS/DsDbbuild_relb0_schema
52992       6    /CUSTOM/dbms/DSS/DsDbisql
34569      16    /CUSTOM/dbms/DSS/EcDsSrDbGetNewGranules
43197      36    /CUSTOM/dbms/DSS/EcDsSrDbL7Clean
16635       2    /CUSTOM/dbms/DSS/EcDsSrDbL7CleanRC
36320       9    /CUSTOM/dbms/IOS/EcIoAdDbDataThresh
60173       5    /CUSTOM/dbms/IOS/EcIoAdDbDrop.sql
45885       6    /CUSTOM/dbms/IOS/EcIoAdDbDropDataThresh
57737       6    /CUSTOM/dbms/IOS/EcIoAdDbDropThresh.sql
24428       3    /CUSTOM/dbms/IOS/EcIoAdDbDropUserType.sql
29965       9    /CUSTOM/dbms/IOS/EcIoAdDbDumpTran
 9159       8    /CUSTOM/dbms/IOS/EcIoAdDbLoadTran
44277       2    /CUSTOM/dbms/IOS/EcIoAdDbPatch4.sql
50489       8    /CUSTOM/dbms/IOS/EcIoAdDbPatch4PLandsat.sql
62028       2    /CUSTOM/dbms/IOS/EcIoAdDbPatch4PY.sql
48608       4    /CUSTOM/dbms/IOS/EcIoAdDbStat
39648      12    /CUSTOM/dbms/IOS/EcIoAdDbThreshold.sql
22144       3    /CUSTOM/dbms/IOS/EcIoDatabaseUsers.sql
33451       6    /CUSTOM/dbms/IOS/EcIoDbDeleteCollection
61021      10    /CUSTOM/dbms/IOS/EcIoDbDesc
```

```
16652      3    /CUSTOM/dbms/IOS/EcIoSybaseLogins.sql
25503      3    /CUSTOM/dbms/IOS/IoAdDbVersions.sql
 6338      2    /CUSTOM/dbms/IOS/IoAdDbrun
48343     46    /CUSTOM/dbms/IOS/ProcDeleteCollection.sql
61338     16    /CUSTOM/dbms/IOS/bcp.copyin.csh
 1269     16    /CUSTOM/dbms/IOS/bcp.copyout.csh
63892     53    /CUSTOM/dbms/IOS/create_ios_schema.sql
63237     54    /CUSTOM/dbms/IOS/create_ios_trgproc.sql
34151      4    /CUSTOM/dbms/IOS/fix_constraints.sql
 5656      9    /CUSTOM/dbms/IOS/grant_iosuser_permission.sql
39309      3    /CUSTOM/dbms/IOS/sample_data.sql
 9605     14
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26776      7
                  /CUSTOM/dbms/MSS/ddm_mss_support/EcMsDbBuildSchemaPatc
               hDrop4p
21746      8
                  /CUSTOM/dbms/MSS/ddm_mss_support/EcMsDbBuildSchemaPatc
               hDrop4pl
32970     17
                  /CUSTOM/dbms/MSS/ddm_mss_support/EcMsDbBuildSchemaPatc
               hDrop4px
46595     12
                  /CUSTOM/dbms/MSS/ddm_mss_support/EcMsDbBuildSchemaPatc
               hDrop4py
52282     22
                  /CUSTOM/dbms/MSS/ddm_mss_support/EcMsDbBuildSchemaPatc
               hDrop4py2
60848      7
                  /CUSTOM/dbms/MSS/ddm_mss_support/EcMsDbBuildSchemaPatc
               hDrop4py5
55256     52
                  /CUSTOM/dbms/MSS/ddm_mss_support/EcMsDbBuildSchemaPatc
               hDrop5A
31649      3    /CUSTOM/dbms/MSS/ddm_mss_support/EcMsDbCheckObjects.sql
42762     11    /CUSTOM/dbms/MSS/ddm_mss_support/EcMsDbDataThresh
61029     10    /CUSTOM/dbms/MSS/ddm_mss_support/EcMsDbDesc
11819      6    /CUSTOM/dbms/MSS/ddm_mss_support/EcMsDbDrop.sql
31644      9    /CUSTOM/dbms/MSS/ddm_mss_support/EcMsDbDumpTran
13817      8    /CUSTOM/dbms/MSS/ddm_mss_support/EcMsDbLoadTran
54441      4    /CUSTOM/dbms/MSS/ddm_mss_support/EcMsDbNumOfObjects.sp
38927      6    /CUSTOM/dbms/MSS/ddm_mss_support/EcMsDbREADME
53066      4    /CUSTOM/dbms/MSS/ddm_mss_support/EcMsDbStat
40938     12    /CUSTOM/dbms/MSS/ddm_mss_support/EcMsDbThreshold.sql
24246     20
                  /CUSTOM/dbms/MSS/ddm_mss_support/MsDbGenSysUserMessage
               s.sql
 1493      1    /CUSTOM/dbms/MSS/ddm_mss_support/lsm/.modify_db_name
 9474      9
                  /CUSTOM/dbms/MSS/ddm_mss_support/lsm/README.modify_scr
               ipts
10936      1    /CUSTOM/dbms/MSS/ddm_mss_support/lsm/database.csh
43603      9    /CUSTOM/dbms/MSS/ddm_mss_support/lsm/install_mss_db
```

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49594      5
                /CUSTOM/dbms/MSS/ddm_mss_support/lsm/docs/101instruct.
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 2708     45
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45299      5
                /CUSTOM/dbms/MSS/ddm_mss_support/lsm/docs/102instruct.
           ans
45867      5
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           ans
43951      5
                /CUSTOM/dbms/MSS/ddm_mss_support/lsm/docs/104instruct.
           ans
14760     40
                /CUSTOM/dbms/MSS/ddm_mss_support/lsm/docs/104instruct.
           doc
37775      6
                /CUSTOM/dbms/MSS/ddm_mss_support/lsm/docs/112instruct.
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27135     70
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45998      5
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           uct.doc
10157      6
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55173     49
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           doc
21462      7
                /CUSTOM/dbms/MSS/ddm_mss_support/lsm/docs/142instruct.
           ans
64836     57
                /CUSTOM/dbms/MSS/ddm_mss_support/lsm/docs/142instruct.
           doc
```

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56852      6
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           ans
55201      8
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           ans
61805     45
                /CUSTOM/dbms/MSS/ddm_mss_support/lsm/docs/144instruct.
           doc
44985      5
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           ns
58779      6
                /CUSTOM/dbms/MSS/ddm_mss_support/lsm/docs/22instruct.a
           ns
59569      6
                /CUSTOM/dbms/MSS/ddm_mss_support/lsm/docs/23instruct.a
           ns
45499      5
                /CUSTOM/dbms/MSS/ddm_mss_support/lsm/docs/24instruct.a
           ns
58004      6
                /CUSTOM/dbms/MSS/ddm_mss_support/lsm/docs/25instruct.a
           ns
59087      6
                /CUSTOM/dbms/MSS/ddm_mss_support/lsm/docs/26instruct.a
           ns
58016      6
                /CUSTOM/dbms/MSS/ddm_mss_support/lsm/docs/27instruct.a
           ns
39270      6
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           ans
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           doc
46632      8
                /CUSTOM/dbms/MSS/ddm_mss_support/lsm/docs/33instruct.a
           ns
21817     59
                /CUSTOM/dbms/MSS/ddm_mss_support/lsm/docs/33instruct.d
           oc
57028      6
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           ns
57771      6
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           um.ans
48342      5
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           ns
48934      5
                /CUSTOM/dbms/MSS/ddm_mss_support/lsm/docs/42instruct_s
           um.ans
```

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44202      5
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46107      5
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             ns
 9883      9
                /CUSTOM/dbms/MSS/ddm_mss_support/lsm/docs/end_user_doc
             o.txt
54615     26
                /CUSTOM/dbms/MSS/ddm_mss_support/lsm/docs/install_mss_
             db.txt
49784      2    /CUSTOM/dbms/MSS/ddm_mss_support/lsm/iq/.tmp
57016     22    /CUSTOM/dbms/MSS/ddm_mss_support/lsm/iq/iqconfig.dat
49792     33    /CUSTOM/dbms/MSS/ddm_mss_support/lsm/iq/iqprtcfg.dat
13277      1    /CUSTOM/dbms/MSS/ddm_mss_support/lsm/iq/iqvariables.csh
12654      1    /CUSTOM/dbms/MSS/ddm_mss_support/lsm/iq/iqvariables.sh
39694     17    /CUSTOM/dbms/MSS/ddm_mss_support/lsm/iq/modify_scripts
28901      5    /CUSTOM/dbms/MSS/ddm_mss_support/lsm/iq/setup_custom_iq
43871      2    /CUSTOM/dbms/MSS/ddm_mss_support/lsm/iq/startiqx
43871      2    /CUSTOM/dbms/MSS/ddm_mss_support/lsm/iq/startiqx.orig
 1465     14    /CUSTOM/dbms/MSS/ddm_mss_support/smc/README
10936      1    /CUSTOM/dbms/MSS/ddm_mss_support/smc/database.csh
    0      0    /CUSTOM/dbms/MSS/ddm_mss_support/smc/db_check
24225      6    /CUSTOM/dbms/MSS/ddm_mss_support/smc/install_mss_db_smc
50518      5
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46255      5
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             MC.ans
46823      5
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             MC.ans
44760      5
                 /CUSTOM/dbms/MSS/ddm_mss_support/smc/docs/104instructS
             MC.ans
38731      6
                 /CUSTOM/dbms/MSS/ddm_mss_support/smc/docs/112instructS
             MC.ans
49349      5
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             C.ans
52875      5
                 /CUSTOM/dbms/MSS/ddm_mss_support/smc/docs/11instruct_s
             umSMC.ans
46954      5
                 /CUSTOM/dbms/MSS/ddm_mss_support/smc/docs/12instructSM
             C.ans
49999      5
                 /CUSTOM/dbms/MSS/ddm_mss_support/smc/docs/12instruct_s
             umSMC.ans
```

```
 5203      10
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            uctSMC.ans
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22569       7
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            MC.ans
57959       6
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            MC.ans
56161       8
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            MC.ans
45794       5
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60676       6
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46455       5
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51406       5
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            C.ans
56043       6
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            C.ans
 7313      10
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43330      18
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            ta_generationSMC.ans
```

```
56152      6
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49227      5
               /CUSTOM/dbms/MSS/ddm_mss_support/smc/docs/42instructSM
           C.ans
50374      5
               /CUSTOM/dbms/MSS/ddm_mss_support/smc/docs/42instruct_s
           umSMC.ans
45158      5
               /CUSTOM/dbms/MSS/ddm_mss_support/smc/docs/51instructSM
           C.ans
47063      5
               /CUSTOM/dbms/MSS/ddm_mss_support/smc/docs/52instructSM
           C.ans
 9883      9
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           o.txt
52923     16
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           mc_db.txt
57016     22    /CUSTOM/dbms/MSS/ddm_mss_support/smc/iq/iqconfig.dat
49792     33    /CUSTOM/dbms/MSS/ddm_mss_support/smc/iq/iqprtcfg.dat
13277      1    /CUSTOM/dbms/MSS/ddm_mss_support/smc/iq/iqvariables.csh
12654      1    /CUSTOM/dbms/MSS/ddm_mss_support/smc/iq/iqvariables.sh
40512     17    /CUSTOM/dbms/MSS/ddm_mss_support/smc/iq/modify_scripts
28892      5    /CUSTOM/dbms/MSS/ddm_mss_support/smc/iq/setup_custom_iq
43260      5    /CUSTOM/dbms/MSS/ddm_mss_support/users/EcMsActDbLogins
57148      4    /CUSTOM/dbms/MSS/ddm_mss_support/users/EcMsActDbUser
 2706      4    /CUSTOM/dbms/MSS/ddm_mss_support/users/EcMsMdaDbLogins
23635      3    /CUSTOM/dbms/MSS/ddm_mss_support/users/EcMsMdaDbUser
61459      4
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32402      1
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           ign.groups.sql
41208      2
               /CUSTOM/dbms/MSS/ddm_mss_support/users/mss_acct_db.gro
           ups.sql
16802      5
               /CUSTOM/dbms/MSS/ddm_mss_support/users/mss_acct_db.obj
           ect.permissions.sql
20395      1
               /CUSTOM/dbms/MSS/ddm_mss_support/users/mss_db.assign.g
           roups.sql
26573      1
               /CUSTOM/dbms/MSS/ddm_mss_support/users/mss_db.groups.s
           ql
43976     36
               /CUSTOM/dbms/MSS/ddm_mss_support/users/mss_db.object.p
           ermissions.sql
47830    437    /CUSTOM/dbms/PLS/EcPlCreatePDPSDatabase
32858      9    /CUSTOM/dbms/PLS/EcPlDbDataThresh
```

```
60905      10    /CUSTOM/dbms/PLS/EcPlDbDesc
42614       6    /CUSTOM/dbms/PLS/EcPlDbDropDataThresh
35478       9    /CUSTOM/dbms/PLS/EcPlDbDumpTran
57584       8    /CUSTOM/dbms/PLS/EcPlDbLoad
55936       8    /CUSTOM/dbms/PLS/EcPlDbLoadTran
14054      13    /CUSTOM/dbms/PLS/EcPlDbLogins
17825     303    /CUSTOM/dbms/PLS/EcPlDbPatch.400
36935     319    /CUSTOM/dbms/PLS/EcPlDbPatch.405
35781      58    /CUSTOM/dbms/PLS/EcPlDbPatch.410
33828      52    /CUSTOM/dbms/PLS/EcPlDbPatch.4PL
28674      51    /CUSTOM/dbms/PLS/EcPlDbPatch.4PX
25904       7    /CUSTOM/dbms/PLS/EcPlDbPatch.4PXgamma
21872      61    /CUSTOM/dbms/PLS/EcPlDbPatch.4PY
60263      77    /CUSTOM/dbms/PLS/EcPlDbPatch.4PY2
39677      30    /CUSTOM/dbms/PLS/EcPlDbPatch.5A
55845      22    /CUSTOM/dbms/PLS/EcPlDbPatch.5A2
50345       8    /CUSTOM/dbms/PLS/EcPlDbPatch.5A3
42924      12    /CUSTOM/dbms/PLS/EcPlDbPatch.5A4
48804      12    /CUSTOM/dbms/PLS/EcPlDbPatch.5A5
34189       9    /CUSTOM/dbms/PLS/EcPlDbPatch.5A6
12417      25    /CUSTOM/dbms/PLS/EcPlDbPatch.5A7
 1558       6    /CUSTOM/dbms/PLS/EcPlDbPatch.working
26607       5    /CUSTOM/dbms/PLS/EcPlDbStat
40184      18    /CUSTOM/dbms/PLS/EcPlDbThreshold
42853      13    /CUSTOM/dbms/PLS/EcPlDbVerify
48867       5    /CUSTOM/dbms/PLS/EcPlInitializePDPSDatabase
13643      24    /CUSTOM/dbms/PLS/README
50468   13472    /CUSTOM/eosview/EOSView
48588     109    /CUSTOM/eosview/eosview.csc
38786       9    /CUSTOM/eosview/eosview.dat
58934     552    /CUSTOM/eosview/eosview.uid
57196     229    /CUSTOM/jdt/bin/EcClWbJtFolindex
56466     229    /CUSTOM/jdt/bin/EcClWbJtFoliod
18848       1    /CUSTOM/jdt/bin/start_jess
26883     770    /CUSTOM/jdt/cgi-bin/EcClWbJtMapMaker
48014      29    /CUSTOM/jdt/data/jdt-attribute.dat
 8427       1    /CUSTOM/jdt/data/newUserSessionInfo
42014    3471    /CUSTOM/jdt/htdocs/EcClWbJdt.jar
48546     537    /CUSTOM/jdt/htdocs/EcClWbJestCl.jar
 9377     819    /CUSTOM/jdt/htdocs/EcClWbJestSv.jar
31989       1    /CUSTOM/jdt/htdocs/JDTApplet_plugin.html
44700     474    /CUSTOM/jdt/htdocs/jh.jar
57126       5    /CUSTOM/jdt/htdocs/conf/error.cfg
19871      14    /CUSTOM/jdt/htdocs/conf/gui.cfg
12862      16    /CUSTOM/jdt/htdocs/conf/help.cfg
14814       1    /CUSTOM/jdt/htdocs/conf/properties.cfg
17470       5    /CUSTOM/jdt/htdocs/conf/spatial.cfg
57196     229    /CUSTOM/jest/bin/EcClWbJtFolindex
56466     229    /CUSTOM/jest/bin/EcClWbJtFoliod
18848       1    /CUSTOM/jest/bin/start_jess
26883     770    /CUSTOM/jest/cgi-bin/EcClWbJtMapMaker
25639       2    /CUSTOM/jest/data/ClWbAvmCat.dat
34401     313    /CUSTOM/lib/COM/libEcPoDbCTSh.so
34005     379    /CUSTOM/lib/COM/libEcPoDbRWSh.so
```

```
45802     525   /CUSTOM/lib/COM/libEcUrSh.so
42474      90   /CUSTOM/lib/COM/libEcUtFactorySh.so
11996    5544   /CUSTOM/lib/COM/libEcUtGUIg_mt_eh_tp.a
23122     452   /CUSTOM/lib/COM/libEcUtHelpg_mt_eh_tp.a
47538     187   /CUSTOM/lib/COM/libEcUtMiscSh.so
16296     420   /CUSTOM/lib/COM/libEcUtSh.so
25891     764   /CUSTOM/lib/COM/libsrfSh.so
45005     163   /CUSTOM/lib/CSS/libCsEmMailRelASh.so
22352     140   /CUSTOM/lib/CSS/libCsFtFTPRelASh.so
62819     387   /CUSTOM/lib/CSS/libCsFtFTPSchedObjSh.so
52994      44   /CUSTOM/lib/CSS/libCsSeCryptoDesSh.so
57062      84   /CUSTOM/lib/CSS/libEcCfSh.so
19508     180   /CUSTOM/lib/CSS/libEcCsGatewaySh.so
45930      93   /CUSTOM/lib/CSS/libEcCsIDLLIBSh.so
36171      97   /CUSTOM/lib/CSS/libEcCsTestIDLLIBSh.so
22149    1623   /CUSTOM/lib/CSS/libEcDcMsgPsng1Sh.so
11754      70   /CUSTOM/lib/CSS/libEcDcNotifySh.so
10514     423   /CUSTOM/lib/CSS/libEcDnDirSh.so
55859      73   /CUSTOM/lib/CSS/libEcFhSh.so
 9919    1625   /CUSTOM/lib/CSS/libEcGwDARSh.so
53795     210   /CUSTOM/lib/CSS/libEcNsServiceLocSh.so
23479     149   /CUSTOM/lib/CSS/libEcNsServiceLocatorSh.so
31668     634   /CUSTOM/lib/CSS/libEcPfSh.so
25232      45   /CUSTOM/lib/CSS/libEcPtSpecialLockSh.so
17245    1924   /CUSTOM/lib/CSS/libEcSbClSh.so
41072    2467   /CUSTOM/lib/CSS/libEcSbMsgSh.so
 8998    5050   /CUSTOM/lib/CSS/libEcSbSrSh.so
21807      15   /CUSTOM/lib/CSS/libEcSeAuthnSh.so
33759      53   /CUSTOM/lib/CSS/libEcSeCmiSh.so
16906      19   /CUSTOM/lib/CSS/libEcSeLoginContextSh.so
37087      31   /CUSTOM/lib/CSS/libEcSeLoginSh.so
 6529     714   /CUSTOM/lib/CSS/libEcSeSecuritySh.so
20574      45   /CUSTOM/lib/CSS/libEcSeServerKeyMgmtSh.so
37590     307   /CUSTOM/lib/CSS/libEcSeSybSecuritySh.so
43797     111   /CUSTOM/lib/CSS/libEcSeSybSecurityStubbedSh.so
 7005     330   /CUSTOM/lib/CSS/libEcSeUtilityCtSh.so
57000      82   /CUSTOM/lib/CSS/libEcSeUtilityCtStubbedSh.so
28095     186   /CUSTOM/lib/CSS/libEcSeUtilityDbSh.so
28386      50   /CUSTOM/lib/CSS/libEcSeUtilityDbStubbedSh.so
41807     205   /CUSTOM/lib/CSS/libEcTiTimeSh.so
32804      81   /CUSTOM/lib/CSS/libagenteventSh.so
 2796      28   /CUSTOM/lib/CSS/libdesSh.so
53473      95   /CUSTOM/lib/CSS/libeventSh.so
20230     321   /CUSTOM/lib/DMS/libDmLmGlobalSh.so
 2323     458   /CUSTOM/lib/DSS/libDsAdSh.so
51811     687   /CUSTOM/lib/DSS/libDsBtSh.so
29235    2742   /CUSTOM/lib/DSS/libDsClSh.so
59247     105   /CUSTOM/lib/DSS/libDsCnSh.so
60663    6464   /CUSTOM/lib/DSS/libDsCsSh.so
30256     577   /CUSTOM/lib/DSS/libDsDbSh.so
20625    1306   /CUSTOM/lib/DSS/libDsDcSh.so
37348     812   /CUSTOM/lib/DSS/libDsDd4mmTapeSh.so
10932     817   /CUSTOM/lib/DSS/libDsDd8mmTapeSh.so
20755    2932   /CUSTOM/lib/DSS/libDsDdBSh.so
```

```
22213    6702   /CUSTOM/lib/DSS/libDsDdCSh.so
33546     798   /CUSTOM/lib/DSS/libDsDdD3TapeSh.so
35115     772   /CUSTOM/lib/DSS/libDsDdFtpPullSh.so
20793     771   /CUSTOM/lib/DSS/libDsDdFtpPushSh.so
59882     215   /CUSTOM/lib/DSS/libDsDdISh.so
56721   17496   /CUSTOM/lib/DSS/libDsDdSSh.so
40155    9016   /CUSTOM/lib/DSS/libDsDe1Sh.so
61421    5402   /CUSTOM/lib/DSS/libDsDe2Sh.so
56832    8261   /CUSTOM/lib/DSS/libDsGeSh.so
15723     459   /CUSTOM/lib/DSS/libDsHcSh.so
38848    2547   /CUSTOM/lib/DSS/libDsHrSh.so
31547    3600   /CUSTOM/lib/DSS/libDsMd1Sh.so
59476    5510   /CUSTOM/lib/DSS/libDsMd2Sh.so
 1185    2168   /CUSTOM/lib/DSS/libDsMd3Sh.so
63018    5398   /CUSTOM/lib/DSS/libDsShSh.so
44769    1529   /CUSTOM/lib/DSS/libDsSiSh.so
25279    7639   /CUSTOM/lib/DSS/libDsSrSh.so
40844    7265   /CUSTOM/lib/DSS/libDsStCmnShSh.so
16716     564   /CUSTOM/lib/DSS/libDsStD3TapeShSh.so
22935    4582   /CUSTOM/lib/DSS/libDsStDbShSh.so
 6403     903   /CUSTOM/lib/DSS/libDsStDisFtpShSh.so
54110     970   /CUSTOM/lib/DSS/libDsStFmtShSh.so
26322     453   /CUSTOM/lib/DSS/libDsStFtpSh.so
57414    3343   /CUSTOM/lib/DSS/libDsStGuiCmn.a
23454     699   /CUSTOM/lib/DSS/libDsStIngestFtpShSh.so
21840    1070   /CUSTOM/lib/DSS/libDsStNetShSh.so
 4209    1732   /CUSTOM/lib/DSS/libDsStPrinterShSh.so
58826    5475   /CUSTOM/lib/DSS/libDsStPullShSh.so
33557    9612   /CUSTOM/lib/DSS/libDsStResShSh.so
10735    2325   /CUSTOM/lib/DSS/libDsStScsiShSh.so
12414   18534   /CUSTOM/lib/DSS/libDsStStSh.so
33427     873   /CUSTOM/lib/DSS/libDsStStk8ShSh.so
46862    1238   /CUSTOM/lib/DSS/libDsStTapeShSh.so
39310      58   /CUSTOM/lib/DSS/libDsStUrShSh.so
64930    1344   /CUSTOM/lib/DSS/libGlSh.so
 7015    1642   /CUSTOM/lib/IOS/libEcHtSh.so
65073     516   /CUSTOM/lib/IOS/libEcPoSh.so
27828    3889   /CUSTOM/lib/IOS/libIoAdCoreSh.so
30758     751   /CUSTOM/lib/IOS/libIoAdHtmlCoreSh.so
19619    3225   /CUSTOM/lib/IOS/libIoAdHtmlSubsSh.so
52328     134   /CUSTOM/lib/IOS/libIoAdInstallBaseSh.so
62217     838   /CUSTOM/lib/IOS/libIoAdProxySh.so
61171    1130   /CUSTOM/lib/IOS/libIoAdSearchSh.so
62655     838   /CUSTOM/lib/IOS/libIoAdServerSh.so
16743     943   /CUSTOM/lib/IOS/libIoAdSubsSh.so
54744      30   /CUSTOM/lib/MSS/libDeputyClientSh.so
30498    1970   /CUSTOM/lib/MSS/libEcAgInstrmSh.so
32189     658   /CUSTOM/lib/MSS/libEcAgProxySh.so
50939     893   /CUSTOM/lib/MSS/libMsAcClntSh.so
63097     863   /CUSTOM/lib/MSS/libMsAcCommSh.so
27560    5167   /CUSTOM/security/EcSeRandomDataFile
46661       4   /CUSTOM/utilities/ContributionDriverStart
 2083       7   /CUSTOM/utilities/DriverTestMkcfg
 9710       7   /CUSTOM/utilities/DriverTestStart
```

```
61151       3     /CUSTOM/utilities/EcClCdsdel
58720      18     /CUSTOM/utilities/EcClDtDesktopDaacUserMkcfg
54127      12     /CUSTOM/utilities/EcClDtDesktopMkcfg
 8858       7     /CUSTOM/utilities/EcClDtDesktopSciUserMkcfg
 4620       9     /CUSTOM/utilities/EcClDtUserProfileGatewayAppMkcfg
48919       4     /CUSTOM/utilities/EcClDtUserProfileGatewayAppStart
33387      21     /CUSTOM/utilities/EcClDtUserProfileGatewayMkcfg
43813       4     /CUSTOM/utilities/EcClDtUserProfileGatewayStart
28957       2     /CUSTOM/utilities/EcClEnvKsh
60239       2     /CUSTOM/utilities/EcClInstaller.sh
64945       5     /CUSTOM/utilities/EcClMkcfg
26580      16     /CUSTOM/utilities/EcClWbDcMkcfg
61930       3     /CUSTOM/utilities/EcClWbDcStart
21249      20     /CUSTOM/utilities/EcClWbDtDARTMkcfg
 1454       9     /CUSTOM/utilities/EcClWbFoliodProxyServerAppMkcfg
23847       4     /CUSTOM/utilities/EcClWbFoliodProxyServerAppStart
61340      20     /CUSTOM/utilities/EcClWbFoliodProxyServerMkcfg
28445       4     /CUSTOM/utilities/EcClWbFoliodProxyServerStart
16088      23     /CUSTOM/utilities/EcClWbJdtMkcfg
  853       9     /CUSTOM/utilities/EcClWbJessProxyServerAppMkcfg
23375       4     /CUSTOM/utilities/EcClWbJessProxyServerAppStart
63926      20     /CUSTOM/utilities/EcClWbJessProxyServerMkcfg
19281       4     /CUSTOM/utilities/EcClWbJessProxyServerStart
46943      26     /CUSTOM/utilities/EcClWbJestMkcfg
57232      21     /CUSTOM/utilities/EcClWbUrMkcfg
27775       3     /CUSTOM/utilities/EcCoEnvKsh
56448       3     /CUSTOM/utilities/EcCsCdsdel
17779       3     /CUSTOM/utilities/EcCsCleanup
 3145       9     /CUSTOM/utilities/EcCsEmailParserAppMkcfg
21788       4     /CUSTOM/utilities/EcCsEmailParserAppStart
22552      24     /CUSTOM/utilities/EcCsEmailParserMkcfg
29753       4     /CUSTOM/utilities/EcCsEmailParserStart
 9181      23     /CUSTOM/utilities/EcCsEmailParserscriptMkcfg
28965       2     /CUSTOM/utilities/EcCsEnvKsh
 4022       9     /CUSTOM/utilities/EcCsLandsat7GatewayAppMkcfg
22669       4     /CUSTOM/utilities/EcCsLandsat7GatewayAppStart
46342      31     /CUSTOM/utilities/EcCsLandsat7GatewayMkcfg
30885       4     /CUSTOM/utilities/EcCsLandsat7GatewayStart
35918       4     /CUSTOM/utilities/EcCsMkCdsEntry
62757       4     /CUSTOM/utilities/EcCsMkcfg
 3081       9     /CUSTOM/utilities/EcCsMojoGatewayAppMkcfg
21727       4     /CUSTOM/utilities/EcCsMojoGatewayAppStart
18705      25     /CUSTOM/utilities/EcCsMojoGatewayMkcfg
17836       4     /CUSTOM/utilities/EcCsMojoGatewayStart
28662      11     /CUSTOM/utilities/EcCsSbDbBuild
56517       2     /CUSTOM/utilities/EcCsSbDbClean.csh
51834      14     /CUSTOM/utilities/EcCsSbDbDrop
41895      10     /CUSTOM/utilities/EcCsSbDbDump
62882      10     /CUSTOM/utilities/EcCsSbDbPatch
28404       1     /CUSTOM/utilities/EcCsSbDbPatch4PY
 1453       2     /CUSTOM/utilities/EcCsSbDbPatchStoredProc
26285       5     /CUSTOM/utilities/EcCsSbDbStat
45315       4     /CUSTOM/utilities/EcCsStart
18429       1     /CUSTOM/utilities/EcCsTestDar.csh
```

```
29083     2   /CUSTOM/utilities/EcDbDdmEnvKsh
58247     3   /CUSTOM/utilities/EcDmCleanup
  968     9   /CUSTOM/utilities/EcDmDataDictionaryAppMkcfg
22023     4   /CUSTOM/utilities/EcDmDataDictionaryAppStart
46753    31   /CUSTOM/utilities/EcDmDdDbBuild
43881     8   /CUSTOM/utilities/EcDmDdDbDrop
49929     9   /CUSTOM/utilities/EcDmDdDbDump
 1973     8   /CUSTOM/utilities/EcDmDdDbLoad
 3371     8   /CUSTOM/utilities/EcDmDdDbMigrate
62648     8   /CUSTOM/utilities/EcDmDdDbPatch
48687    89   /CUSTOM/utilities/EcDmDdMaintenanceToolMkcfg
35965     4   /CUSTOM/utilities/EcDmDdMaintenanceToolStart
44210    24   /CUSTOM/utilities/EcDmDictServerMkcfg
39765     4   /CUSTOM/utilities/EcDmDictServerStart
64456     9   /CUSTOM/utilities/EcDmDimLimAppMkcfg
28163     4   /CUSTOM/utilities/EcDmDimLimAppStart
34274    23   /CUSTOM/utilities/EcDmEcsToV0GatewayMkcfg
30440     4   /CUSTOM/utilities/EcDmEcsToV0GatewayStart
32896     2   /CUSTOM/utilities/EcDmEnvKsh
60697    24   /CUSTOM/utilities/EcDmLimServerMkcfg
33837     4   /CUSTOM/utilities/EcDmLimServerStart
 6241     5   /CUSTOM/utilities/EcDmStart
65398     9   /CUSTOM/utilities/EcDmV0GatewaysAppMkcfg
23912     4   /CUSTOM/utilities/EcDmV0GatewaysAppStart
40690    30   /CUSTOM/utilities/EcDmV0ToEcsGatewayMkcfg
35665     4   /CUSTOM/utilities/EcDmV0ToEcsGatewayStart
57462    10   /CUSTOM/utilities/EcDpAtBadFuncGuiMkcfg
54144    10   /CUSTOM/utilities/EcDpAtBadFuncMkcfg
59120    10   /CUSTOM/utilities/EcDpAtBinDiffGuiMkcfg
37234    11   /CUSTOM/utilities/EcDpAtCheckODLMkcfg
56003    10   /CUSTOM/utilities/EcDpAtCheckPCFMkcfg
17472    51   /CUSTOM/utilities/EcDpAtCommonMkcfg
42345    11   /CUSTOM/utilities/EcDpAtCreateODLTemplateMkcfg
33806     2   /CUSTOM/utilities/EcDpAtEnvKsh
 9216    12   /CUSTOM/utilities/EcDpAtGetMCFMkcfg
15132    12   /CUSTOM/utilities/EcDpAtInsertExeTarFileMkcfg
15682    12   /CUSTOM/utilities/EcDpAtInsertStaticFileMkcfg
14643    12   /CUSTOM/utilities/EcDpAtInsertTestFileMkcfg
17711    11   /CUSTOM/utilities/EcDpAtMgrMkcfg
23353     4   /CUSTOM/utilities/EcDpAtMgrStart
52908    12   /CUSTOM/utilities/EcDpAtOpDbGuiMkcfg
56637    10   /CUSTOM/utilities/EcDpAtPrologsMkcfg
39172    11   /CUSTOM/utilities/EcDpAtRegisterPGEMkcfg
19648    12   /CUSTOM/utilities/EcDpAtSSAPGuiMkcfg
19489    12   /CUSTOM/utilities/EcDpAtStageDAPMkcfg
60914    13   /CUSTOM/utilities/EcDpPrAutoconsMkcfg
33544    14   /CUSTOM/utilities/EcDpPrAutosysMkcfg
29728     9   /CUSTOM/utilities/EcDpPrAutosysStart
 9157     3   /CUSTOM/utilities/EcDpPrCleanup
55585    11   /CUSTOM/utilities/EcDpPrCommonMkcfg
51837    24   /CUSTOM/utilities/EcDpPrDMMkcfg
27962    11   /CUSTOM/utilities/EcDpPrDeletionClientMkcfg
56202    28   /CUSTOM/utilities/EcDpPrDeletionMkcfg
40334     4   /CUSTOM/utilities/EcDpPrDeletionStart
```

```
42012      7    /CUSTOM/utilities/EcDpPrDisplayJobStates
24834     23    /CUSTOM/utilities/EcDpPrEMMkcfg
33847      2    /CUSTOM/utilities/EcDpPrEnvKsh
37172     17    /CUSTOM/utilities/EcDpPrGEMkcfg
53324     12    /CUSTOM/utilities/EcDpPrJobMgmtClientMkcfg
 9949     10    /CUSTOM/utilities/EcDpPrJobMgmtClientStart
27280     40    /CUSTOM/utilities/EcDpPrJobMgmtMkcfg
 1700      8    /CUSTOM/utilities/EcDpPrJobMgmtStart
 4856      9    /CUSTOM/utilities/EcDpPrPatchScript.4PY.04
35320     13    /CUSTOM/utilities/EcDpPrQaMonitorGUIMkcfg
42094      9    /CUSTOM/utilities/EcDpPrQaMonitorGUIStart
44449      4    /CUSTOM/utilities/EcDpPrRMMkcfg
44979      4    /CUSTOM/utilities/EcDpPrStart
 2365     16    /CUSTOM/utilities/EcDpPrToolkitMkcfg
33514     12    /CUSTOM/utilities/EcDpPrViewJobStatesMkcfg
 3467      9    /CUSTOM/utilities/EcDpProcessingAppMkcfg
22380      4    /CUSTOM/utilities/EcDpProcessingAppStart
24758     12    /CUSTOM/utilities/EcDsDataDistributionAppMkcfg
22545      4    /CUSTOM/utilities/EcDsDataDistributionAppStart
29877      2    /CUSTOM/utilities/EcDsDdEnvKsh
20258      3    /CUSTOM/utilities/EcDsDdMkcfg
44104     31    /CUSTOM/utilities/EcDsDdPTEdit.pl
63679      5    /CUSTOM/utilities/EcDsDdStart
 2119     12    /CUSTOM/utilities/EcDsDdistGuiMkcfg
15019      4    /CUSTOM/utilities/EcDsDdistGuiStart
 8492     28    /CUSTOM/utilities/EcDsDistributionServerMkcfg
56492      4    /CUSTOM/utilities/EcDsDistributionServerStart
31463      8    /CUSTOM/utilities/EcDsScienceDataServerAppMkcfg
 8101      9    /CUSTOM/utilities/EcDsScienceDataServerAppStart
26254     18    /CUSTOM/utilities/EcDsScienceDataServerClientMkcfg
65192     50    /CUSTOM/utilities/EcDsScienceDataServerMkcfg
41451      8    /CUSTOM/utilities/EcDsScienceDataServerStart
62016     19    /CUSTOM/utilities/EcDsSdSrvGuiMkcfg
10021      3    /CUSTOM/utilities/EcDsSdSrvGuiStart
  776     12    /CUSTOM/utilities/EcDsSrAddesdt
40948      5    /CUSTOM/utilities/EcDsSrConvertEvt
29056      9    /CUSTOM/utilities/EcDsSrDbBuild
26834      7    /CUSTOM/utilities/EcDsSrDbDrop
22942      7    /CUSTOM/utilities/EcDsSrDbDump
16145      7    /CUSTOM/utilities/EcDsSrDbLoad
 9598      9    /CUSTOM/utilities/EcDsSrDbMigrate
47012      8    /CUSTOM/utilities/EcDsSrDbPatch
21483      7    /CUSTOM/utilities/EcDsSrDbValids
29356      2    /CUSTOM/utilities/EcDsSrEnvKsh
 9927      7    /CUSTOM/utilities/EcDsSrMkCdsEntry
26818      5    /CUSTOM/utilities/EcDsSrMkcfg
52409     12    /CUSTOM/utilities/EcDsSrRmesdt
14528      5    /CUSTOM/utilities/EcDsSrStart
24597     29    /CUSTOM/utilities/EcDsSt8MMServerMkcfg
43150      4    /CUSTOM/utilities/EcDsSt8MMServerStart
  545     15    /CUSTOM/utilities/EcDsStARCHRESCONFIGMkcfg
26981     29    /CUSTOM/utilities/EcDsStD3ServerMkcfg
42882      4    /CUSTOM/utilities/EcDsStD3ServerStart
29350      2    /CUSTOM/utilities/EcDsStEnvKsh
```

```
   887       5   /CUSTOM/utilities/EcDsStMkCdsEntry
 21494       5   /CUSTOM/utilities/EcDsStMkcfg
 32375      29   /CUSTOM/utilities/EcDsStPrintServerMkcfg
 44218       4   /CUSTOM/utilities/EcDsStPrintServerStart
 14538       9   /CUSTOM/utilities/EcDsStSTAGINGMONITORMkcfg
 17600      28   /CUSTOM/utilities/EcDsStStagingDiskServerMkcfg
  3889       5   /CUSTOM/utilities/EcDsStStagingDiskServerStart
 19267       5   /CUSTOM/utilities/EcDsStStart
  4488       9   /CUSTOM/utilities/EcDsStStorageMgmtAppMkcfg
 16772       5   /CUSTOM/utilities/EcDsStStorageMgmtAppStart
 10725       9   /CUSTOM/utilities/EcDsStVolGrpCreateMain.pl
 61866       9   /CUSTOM/utilities/EcDsStmgtGuiMkcfg
 10319       3   /CUSTOM/utilities/EcDsStmgtGuiStart
 16674       9   /CUSTOM/utilities/EcEcsAppMkcfg
 62229       3   /CUSTOM/utilities/EcEcsAppStart
 29004       2   /CUSTOM/utilities/EcEsEnvKsh
  3756       9   /CUSTOM/utilities/EcGwAsterGatewaysAppMkcfg
 21899       4   /CUSTOM/utilities/EcGwAsterGatewaysAppStart
 38470      24   /CUSTOM/utilities/EcGwDARServerMkcfg
 28925       4   /CUSTOM/utilities/EcGwDARServerStart
 59992       6   /CUSTOM/utilities/EcInEDOSCleanupMain
 14921       7   /CUSTOM/utilities/EcInEDOSCleanupSubroutine
   450      22   /CUSTOM/utilities/EcInEmailGWServerMkcfg
 25826       4   /CUSTOM/utilities/EcInEmailGWServerStart
 64195      13   /CUSTOM/utilities/EcInEmailGWServerscriptMkcfg
 45691       2   /CUSTOM/utilities/EcInEnvKsh
 63396      24   /CUSTOM/utilities/EcInGUIMkcfg
 54239       5   /CUSTOM/utilities/EcInGUIStart
 33979      10   /CUSTOM/utilities/EcInIngestAppMkcfg
 28084      16   /CUSTOM/utilities/EcInIngestAppStart
 59610       3   /CUSTOM/utilities/EcInInitPasswdStart
 27422       7   /CUSTOM/utilities/EcInMkCdsEntry
 35468       8   /CUSTOM/utilities/EcInMkDataDirs
 38967       9   /CUSTOM/utilities/EcInMkcfg
 63069       4   /CUSTOM/utilities/EcInPollClean
 12338       7   /CUSTOM/utilities/EcInStart
 14576      13   /CUSTOM/utilities/EcIoAdCGIProgsMkcfg
 27468      10   /CUSTOM/utilities/EcIoAdConfigMkcfg
 33044      19   /CUSTOM/utilities/EcIoAdDbBuild
  4979       8   /CUSTOM/utilities/EcIoAdDbDrop
 49540       9   /CUSTOM/utilities/EcIoAdDbDump
  1793       8   /CUSTOM/utilities/EcIoAdDbLoad
 26117       9   /CUSTOM/utilities/EcIoAdDbPatch
  1803      11   /CUSTOM/utilities/EcIoAdHtmlReplaceMkcfg
 31050      31   /CUSTOM/utilities/EcIoAdServerMkcfg
 25268      17   /CUSTOM/utilities/EcIoAdSiteSpecificMkcfg
 33400       6   /CUSTOM/utilities/EcIoAdTarInstaller.sh
 64133       9   /CUSTOM/utilities/EcIoAdvertisingAppMkcfg
 54728       5   /CUSTOM/utilities/EcIoAdvertisingAppStart
 30250       2   /CUSTOM/utilities/EcIoEnvKsh
 46303       4   /CUSTOM/utilities/EcIoMkcfg
 54404       5   /CUSTOM/utilities/EcIoStart
 29190       2   /CUSTOM/utilities/EcMsAcEnvKsh
 40879       4   /CUSTOM/utilities/EcMsAcMkCdsEntry
```

```
62806      4   /CUSTOM/utilities/EcMsAcMkcfg
 1725     16   /CUSTOM/utilities/EcMsAcOrderGUIMkcfg
64057      3   /CUSTOM/utilities/EcMsAcOrderGUIStart
25685      4   /CUSTOM/utilities/EcMsAcOrderMkCdsEntry
12469     23   /CUSTOM/utilities/EcMsAcOrderSrvrMkcfg
39955      4   /CUSTOM/utilities/EcMsAcOrderSrvrStart
43556     12   /CUSTOM/utilities/EcMsAcRegUserGUIMkcfg
64508      3   /CUSTOM/utilities/EcMsAcRegUserGUIStart
28465      4   /CUSTOM/utilities/EcMsAcRegUserMkCdsEntry
27986     23   /CUSTOM/utilities/EcMsAcRegUserSrvrMkcfg
41336      4   /CUSTOM/utilities/EcMsAcRegUserSrvrStart
53083      4   /CUSTOM/utilities/EcMsAcStart
49580      9   /CUSTOM/utilities/EcMsAccountabilityAppMkcfg
44114      4   /CUSTOM/utilities/EcMsAccountabilityAppStart
31763     12   /CUSTOM/utilities/EcMsAgAgentMkcfg
53395      5   /CUSTOM/utilities/EcMsAgBootScript
55746      5   /CUSTOM/utilities/EcMsAgCheckCMS_Dir
36357     11   /CUSTOM/utilities/EcMsAgEncpsMkcfg
29114      2   /CUSTOM/utilities/EcMsAgEnvKsh
64556     32   /CUSTOM/utilities/EcMsAgGenProxyMkcfg
36677      4   /CUSTOM/utilities/EcMsAgGenProxyStart
49393      4   /CUSTOM/utilities/EcMsAgMkCdsEntry
16181     11   /CUSTOM/utilities/EcMsAgPeerStart
37295     28   /CUSTOM/utilities/EcMsAgSubAgentMkcfg
56031      6   /CUSTOM/utilities/EcMsAgSubAgentStart
51767      6   /CUSTOM/utilities/EcMsAgentStart
54491     18   /CUSTOM/utilities/EcMsAsAddHeader.pl
 3301     15   /CUSTOM/utilities/EcMsAsRemoveHeader.pl
43962     18   /CUSTOM/utilities/EcMsDbBuild
 4098     10   /CUSTOM/utilities/EcMsDbDrop
34902      9   /CUSTOM/utilities/EcMsDbDump
30122      2   /CUSTOM/utilities/EcMsDbEnvKsh
18857      8   /CUSTOM/utilities/EcMsDbLoad
53875      9   /CUSTOM/utilities/EcMsDbPatch
 7757      3   /CUSTOM/utilities/EcPlAllStart
15701      5   /CUSTOM/utilities/EcPlCdsPingServers
14307      3   /CUSTOM/utilities/EcPlCleanup
13617     14   /CUSTOM/utilities/EcPlDbBuild
32768      9   /CUSTOM/utilities/EcPlDbClean
65232     45   /CUSTOM/utilities/EcPlDbDrop
41000     10   /CUSTOM/utilities/EcPlDbDump
15690     91   /CUSTOM/utilities/EcPlDbMigrate
21277     26   /CUSTOM/utilities/EcPlDbPatch
35263      2   /CUSTOM/utilities/EcPlEnvKsh
23829      7   /CUSTOM/utilities/EcPlMkcfg
 3409      5   /CUSTOM/utilities/EcPlMshStart
38201      6   /CUSTOM/utilities/EcPlPREStart
12443      5   /CUSTOM/utilities/EcPlPRE_IFStart
10722     15   /CUSTOM/utilities/EcPlPREditorMkcfg
 5994     10   /CUSTOM/utilities/EcPlPlanNamesMkcfg
 7545     10   /CUSTOM/utilities/EcPlPlanningAppMkcfg
25970      4   /CUSTOM/utilities/EcPlPlanningAppStart
38865     13   /CUSTOM/utilities/EcPlProdStratMkcfg
40582      6   /CUSTOM/utilities/EcPlProdStratStart
```

```
59080    13    /CUSTOM/utilities/EcPlRmMkcfg
55602     6    /CUSTOM/utilities/EcPlRmStart
 3526     3    /CUSTOM/utilities/EcPlRpAllStart
28926     1    /CUSTOM/utilities/EcPlRpFetchBaseline
51674    13    /CUSTOM/utilities/EcPlRpReMkcfg
42314     6    /CUSTOM/utilities/EcPlRpReStart
44780    13    /CUSTOM/utilities/EcPlRpRmMkcfg
45784     6    /CUSTOM/utilities/EcPlRpRmStart
44765    13    /CUSTOM/utilities/EcPlRpSiMkcfg
45671     6    /CUSTOM/utilities/EcPlRpSiStart
39460     8    /CUSTOM/utilities/EcPlRpSlayAll
44775    13    /CUSTOM/utilities/EcPlRpTlMkcfg
29423     1    /CUSTOM/utilities/EcPlSlay
47579     8    /CUSTOM/utilities/EcPlSlayAll
54208     6    /CUSTOM/utilities/EcPlSnsStart
 2612     3    /CUSTOM/utilities/EcPlSomeStart
42106     4    /CUSTOM/utilities/EcPlStart
 8394    25    /CUSTOM/utilities/EcPlSubMgrMkcfg
33202     6    /CUSTOM/utilities/EcPlSubMgrStart
13793    14    /CUSTOM/utilities/EcPlSubsEditMkcfg
63375     5    /CUSTOM/utilities/EcPlSubsEditStart
12124    13    /CUSTOM/utilities/EcPlTimelineMkcfg
55018    13    /CUSTOM/utilities/EcPlTlMkcfg
43014     6    /CUSTOM/utilities/EcPlTlStart
60626    13    /CUSTOM/utilities/EcPlWbMkcfg
43570     6    /CUSTOM/utilities/EcPlWbStart
51289    11    /CUSTOM/utilities/EcSbGuiMkcfg
29071    10    /CUSTOM/utilities/EcSbSubClientMkcfg
 2725     9    /CUSTOM/utilities/EcSbSubServerAppMkcfg
21373     4    /CUSTOM/utilities/EcSbSubServerAppStart
 5665     3    /CUSTOM/utilities/EcSbSubServerGUIStart
60571    29    /CUSTOM/utilities/EcSbSubServerMkcfg
29221     4    /CUSTOM/utilities/EcSbSubServerStart
33733    13    /CUSTOM/utilities/EcVcB0sotMkcfg
29382     2    /CUSTOM/utilities/EcVcEnvKsh
 3316     2    /CUSTOM/utilities/dbDeleteEvents.csh
 4311     1    /CUSTOM/utilities/list_db
57888    13    /CUSTOM/utilities/reset_dbMkcfg
 9816     1    /CUSTOM/utilities/run_EncryptPasswd.csh
39517    12    /CUSTOM/utilities/save_dbMkcfg
39274     2    /CUSTOM/utilities/update1900.csh
30770     3    /CUSTOM/utilities/archiver/README
30995     4
               /CUSTOM/utilities/archiver/bcpfiles/MSSDBArchive_19970
             6_ACCESS_LOG_P.data
62678     4
               /CUSTOM/utilities/archiver/bcpfiles/MSSDBArchive_19970
             6_USER_DAILY_ACCESS_P.data
 2578     3    /CUSTOM/utilities/archiver/bin/.11181
 2578     3    /CUSTOM/utilities/archiver/bin/.22257
 2578     3    /CUSTOM/utilities/archiver/bin/.23163
 2578     3    /CUSTOM/utilities/archiver/bin/.8390
 2578     3    /CUSTOM/utilities/archiver/bin/.8973
 2578     3    /CUSTOM/utilities/archiver/bin/.9455
```

```
31445      1   /CUSTOM/utilities/archiver/bin/.archive
14201      1   /CUSTOM/utilities/archiver/bin/.sybase
18484      1   /CUSTOM/utilities/archiver/bin/TABLE_LIST
58632     49   /CUSTOM/utilities/archiver/bin/archive.sh
57915     49   /CUSTOM/utilities/archiver/bin/archive.sh.new
57770     49   /CUSTOM/utilities/archiver/bin/archive.sh.org
 1343      1   /CUSTOM/utilities/archiver/bin/sybase_variables
18484      1   /CUSTOM/utilities/archiver/bin/misc/TABLE_LIST
24622     18   /CUSTOM/utilities/archiver/errors/debug
 1864      3   /CUSTOM/utilities/archiver/working/.11099
 1864      3   /CUSTOM/utilities/archiver/working/.11591
 5431      1   /CUSTOM/utilities/archiver/working/.11846
37712      2   /CUSTOM/utilities/archiver/working/.11998
 1864      3   /CUSTOM/utilities/archiver/working/.12220
 1864      3   /CUSTOM/utilities/archiver/working/.12785
 2592      3   /CUSTOM/utilities/archiver/working/.13129
 5837      1   /CUSTOM/utilities/archiver/working/.13173
 1864      3   /CUSTOM/utilities/archiver/working/.13303
 1864      3   /CUSTOM/utilities/archiver/working/.13810
 6169      1   /CUSTOM/utilities/archiver/working/.14308
 6344      1   /CUSTOM/utilities/archiver/working/.14368
 6344      1   /CUSTOM/utilities/archiver/working/.14473
 5837      1   /CUSTOM/utilities/archiver/working/.14532
 6344      1   /CUSTOM/utilities/archiver/working/.14581
 6344      1   /CUSTOM/utilities/archiver/working/.14682
 6344      1   /CUSTOM/utilities/archiver/working/.14849
 5431      1   /CUSTOM/utilities/archiver/working/.15312
 5431      1   /CUSTOM/utilities/archiver/working/.15491
 5431      1   /CUSTOM/utilities/archiver/working/.15547
 5431      1   /CUSTOM/utilities/archiver/working/.15688
 2578      3   /CUSTOM/utilities/archiver/working/.16704
 2578      3   /CUSTOM/utilities/archiver/working/.18552
 2578      3   /CUSTOM/utilities/archiver/working/.18759
 2578      3   /CUSTOM/utilities/archiver/working/.19587
 2578      3   /CUSTOM/utilities/archiver/working/.20387
 2592      3   /CUSTOM/utilities/archiver/working/.23970
 2578      3   /CUSTOM/utilities/archiver/working/.2415
 2592      3   /CUSTOM/utilities/archiver/working/.24190
 2592      3   /CUSTOM/utilities/archiver/working/.24263
 2578      3   /CUSTOM/utilities/archiver/working/.24560
 2578      3   /CUSTOM/utilities/archiver/working/.24988
 2592      3   /CUSTOM/utilities/archiver/working/.25284
 2578      3   /CUSTOM/utilities/archiver/working/.25413
 2592      3   /CUSTOM/utilities/archiver/working/.3925
 2592      3   /CUSTOM/utilities/archiver/working/.4099
 5837      1   /CUSTOM/utilities/archiver/working/.5357
 5837      1   /CUSTOM/utilities/archiver/working/.5452
 5837      1   /CUSTOM/utilities/archiver/working/.5604
 2578      3   /CUSTOM/utilities/archiver/working/.568
 5476      1   /CUSTOM/utilities/archiver/working/.7279
 5476      1   /CUSTOM/utilities/archiver/working/.7390
63073      3   /CUSTOM/utilities/archiver/working/.7491
25570     24   /CUSTOM/utilities/dearchiver/bin/dearchive.sh
25404     24   /CUSTOM/utilities/dearchiver/bin/dearchive.sh.new
```

```
24228      24     /CUSTOM/utilities/dearchiver/bin/dearchive.sh.org
 1343       1     /CUSTOM/utilities/dearchiver/bin/sybase_variables
54235      32     /CUSTOM/utilities/dearchiver/errors/debug
44011       6     /CUSTOM/utilities/saved_db/clear_db
18306      15     /CUSTOM/utilities/saved_db/dump_db
13831      16     /CUSTOM/utilities/saved_db/load_db
```

D.6 DROP5A_EPSILON_FINAL_PATCH_sun5.5/ DROP5A_EPSILON_FINAL_PATCH_sun5.5.tar

Checksum **Blocksize**   **Filename**

```
36465      49     /DROP5A_EPSILON_FINAL_PATCH_sun5.5/.EcDsSdSrvDB.iu
50884      27     /DROP5A_EPSILON_FINAL_PATCH_sun5.5/.cfgpatch
 1608     130     /DROP5A_EPSILON_FINAL_PATCH_sun5.5/.sitemap
16357     220
                         /DROP5A_EPSILON_FINAL_PATCH_sun5.5/DROP5A_EPSILO
                  N_FINAL_PATCH_sun5.5.tar
34005       3     /DROP5A_EPSILON_FINAL_PATCH_sun5.5/IoAdDbVersions.sql
```

D.7 5A_EPSILON_TOOLKIT_sgi6n32_19990702_074823_EA.tar

Checksum **Blocksize**   **Filename**

```
 1278    1933     /5A_EPSILON_TOOLKIT_sgi6n32_19990702_074823_EA.tar
47223 1234789     /5A_EPSILON_TOOLKIT_sgi6n32_19990702_074823_Pkg.tar
60307      22     /5A_EPSILON_TOOLKIT_sgi6n32_19990702_074823_Setup.ksh
 8062       8     /CUSTOM/.applications
28203      41     /CUSTOM/.cfgpatch
56711      12     /CUSTOM/.envvars
40008      45     /CUSTOM/.executables
 2887       9     /CUSTOM/.hostmap
54168      25     /CUSTOM/.installtypes
13949     129     /CUSTOM/.sitemap
29273       4     /CUSTOM/.subsystems
35416  218005     /CUSTOM/SDPTK5.1v1.00-AAdata.tar.Z
33011       4     /CUSTOM/HDF/common/HDF4.1r1/COPYING
 6040       7     /CUSTOM/HDF/common/HDF4.1r1/README
19642       3     /CUSTOM/HDF/common/HDF4.1r1/All/adler32.c
17390      23     /CUSTOM/HDF/common/HDF4.1r1/All/array.c
61046      44     /CUSTOM/HDF/common/HDF4.1r1/All/atom.c
36291      20     /CUSTOM/HDF/common/HDF4.1r1/All/attr.c
26107      35     /CUSTOM/HDF/common/HDF4.1r1/All/bitvect.c
27678      50     /CUSTOM/HDF/common/HDF4.1r1/All/cdeflate.c
10348     118     /CUSTOM/HDF/common/HDF4.1r1/All/cdf.c
31028      61     /CUSTOM/HDF/common/HDF4.1r1/All/cnbit.c
31468      21     /CUSTOM/HDF/common/HDF4.1r1/All/cnone.c
16121       4     /CUSTOM/HDF/common/HDF4.1r1/All/compress.c
 1529      15     /CUSTOM/HDF/common/HDF4.1r1/All/crc32.c
10090      53     /CUSTOM/HDF/common/HDF4.1r1/All/crle.c
34670      55     /CUSTOM/HDF/common/HDF4.1r1/All/cskphuff.c
47352      86     /CUSTOM/HDF/common/HDF4.1r1/All/deflate.c
10733      36     /CUSTOM/HDF/common/HDF4.1r1/All/df24.c
35912      30     /CUSTOM/HDF/common/HDF4.1r1/All/df24f.c
```

```
  366     19    /CUSTOM/HDF/common/HDF4.1r1/All/df24ff.f
37532    112    /CUSTOM/HDF/common/HDF4.1r1/All/dfan.c
33058     38    /CUSTOM/HDF/common/HDF4.1r1/All/dfanf.c
25795     30    /CUSTOM/HDF/common/HDF4.1r1/All/dfanff.f
38542     30    /CUSTOM/HDF/common/HDF4.1r1/All/dfcomp.c
61439     43    /CUSTOM/HDF/common/HDF4.1r1/All/dfconv.c
43975     33    /CUSTOM/HDF/common/HDF4.1r1/All/dff.c
14531      7    /CUSTOM/HDF/common/HDF4.1r1/All/dfff.f
44961    112    /CUSTOM/HDF/common/HDF4.1r1/All/dfgr.c
37349     20    /CUSTOM/HDF/common/HDF4.1r1/All/dfgroup.c
61519     80    /CUSTOM/HDF/common/HDF4.1r1/All/dfimcomp.c
10134     24    /CUSTOM/HDF/common/HDF4.1r1/All/dfjpeg.c
21173     55    /CUSTOM/HDF/common/HDF4.1r1/All/dfkconv.c
  723    365    /CUSTOM/HDF/common/HDF4.1r1/All/dfkcray.c
17900     47    /CUSTOM/HDF/common/HDF4.1r1/All/dfkfuji.c
59757     21    /CUSTOM/HDF/common/HDF4.1r1/All/dfknat.c
30721     30    /CUSTOM/HDF/common/HDF4.1r1/All/dfkswap.c
46801     66    /CUSTOM/HDF/common/HDF4.1r1/All/dfkvms.c
37587     36    /CUSTOM/HDF/common/HDF4.1r1/All/dfp.c
64386     17    /CUSTOM/HDF/common/HDF4.1r1/All/dfpf.c
24244     20    /CUSTOM/HDF/common/HDF4.1r1/All/dfpff.f
49105    112    /CUSTOM/HDF/common/HDF4.1r1/All/dfr8.c
18251     32    /CUSTOM/HDF/common/HDF4.1r1/All/dfr8f.c
 8824     24    /CUSTOM/HDF/common/HDF4.1r1/All/dfr8ff.f
41466     12    /CUSTOM/HDF/common/HDF4.1r1/All/dfrle.c
19744    379    /CUSTOM/HDF/common/HDF4.1r1/All/dfsd.c
45415    106    /CUSTOM/HDF/common/HDF4.1r1/All/dfsdf.c
62114     43    /CUSTOM/HDF/common/HDF4.1r1/All/dfsdff.f
19008     81    /CUSTOM/HDF/common/HDF4.1r1/All/dfstubs.c
60037     49    /CUSTOM/HDF/common/HDF4.1r1/All/dfufp2i.c
29692      9    /CUSTOM/HDF/common/HDF4.1r1/All/dfufp2if.f
 3182     30    /CUSTOM/HDF/common/HDF4.1r1/All/dfunjpeg.c
39415      6    /CUSTOM/HDF/common/HDF4.1r1/All/dfutil.c
57241      6    /CUSTOM/HDF/common/HDF4.1r1/All/dfutilf.c
 4486     13    /CUSTOM/HDF/common/HDF4.1r1/All/dim.c
64914     24    /CUSTOM/HDF/common/HDF4.1r1/All/dynarray.c
29966     10    /CUSTOM/HDF/common/HDF4.1r1/All/error.c
 4503     38    /CUSTOM/HDF/common/HDF4.1r1/All/file.c
54298     78    /CUSTOM/HDF/common/HDF4.1r1/All/glist.c
59233      3    /CUSTOM/HDF/common/HDF4.1r1/All/globdef.c
37844     31    /CUSTOM/HDF/common/HDF4.1r1/All/gzio.c
41322     73    /CUSTOM/HDF/common/HDF4.1r1/All/hbitio.c
31073    120    /CUSTOM/HDF/common/HDF4.1r1/All/hblocks.c
11586    273    /CUSTOM/HDF/common/HDF4.1r1/All/hchunks.c
64344     95    /CUSTOM/HDF/common/HDF4.1r1/All/hcomp.c
45649     20    /CUSTOM/HDF/common/HDF4.1r1/All/hdfalloc.c
  130     83    /CUSTOM/HDF/common/HDF4.1r1/All/hdfsds.c
65144     22    /CUSTOM/HDF/common/HDF4.1r1/All/herr.c
 8494      5    /CUSTOM/HDF/common/HDF4.1r1/All/herrf.c
20957     99    /CUSTOM/HDF/common/HDF4.1r1/All/hextelt.c
55028    278    /CUSTOM/HDF/common/HDF4.1r1/All/hfile.c
23285    156    /CUSTOM/HDF/common/HDF4.1r1/All/hfiledd.c
 6327     10    /CUSTOM/HDF/common/HDF4.1r1/All/hfilef.c
 7267      7    /CUSTOM/HDF/common/HDF4.1r1/All/hfileff.f
```

```
31212      22       /CUSTOM/HDF/common/HDF4.1r1/All/hkit.c
33527       5       /CUSTOM/HDF/common/HDF4.1r1/All/iarray.c
31164      25       /CUSTOM/HDF/common/HDF4.1r1/All/infblock.c
62996      15       /CUSTOM/HDF/common/HDF4.1r1/All/infcodes.c
49340      11       /CUSTOM/HDF/common/HDF4.1r1/All/inffast.c
54316      18       /CUSTOM/HDF/common/HDF4.1r1/All/inflate.c
60724      32       /CUSTOM/HDF/common/HDF4.1r1/All/inftrees.c
20939       4       /CUSTOM/HDF/common/HDF4.1r1/All/infutil.c
 7646     101       /CUSTOM/HDF/common/HDF4.1r1/All/jackets.c
27739      15       /CUSTOM/HDF/common/HDF4.1r1/All/jcapimin.c
47883      12       /CUSTOM/HDF/common/HDF4.1r1/All/jcapistd.c
40511      33       /CUSTOM/HDF/common/HDF4.1r1/All/jccoefct.c
58768      29       /CUSTOM/HDF/common/HDF4.1r1/All/jccolor.c
56630      25       /CUSTOM/HDF/common/HDF4.1r1/All/jcdctmgr.c
18790      50       /CUSTOM/HDF/common/HDF4.1r1/All/jchuff.c
 2802       5       /CUSTOM/HDF/common/HDF4.1r1/All/jcinit.c
26764      18       /CUSTOM/HDF/common/HDF4.1r1/All/jcmainct.c
 7256      33       /CUSTOM/HDF/common/HDF4.1r1/All/jcmarker.c
12188      38       /CUSTOM/HDF/common/HDF4.1r1/All/jcmaster.c
32629       6       /CUSTOM/HDF/common/HDF4.1r1/All/jcomapi.c
 3184      39       /CUSTOM/HDF/common/HDF4.1r1/All/jcparam.c
 9907      49       /CUSTOM/HDF/common/HDF4.1r1/All/jcphuff.c
40040      24       /CUSTOM/HDF/common/HDF4.1r1/All/jcprepct.c
51451      37       /CUSTOM/HDF/common/HDF4.1r1/All/jcsample.c
65064      26       /CUSTOM/HDF/common/HDF4.1r1/All/jctrans.c
 7408      25       /CUSTOM/HDF/common/HDF4.1r1/All/jdapimin.c
58754      19       /CUSTOM/HDF/common/HDF4.1r1/All/jdapistd.c
46409      10       /CUSTOM/HDF/common/HDF4.1r1/All/jdatadst.c
60119      15       /CUSTOM/HDF/common/HDF4.1r1/All/jdatasrc.c
55616      50       /CUSTOM/HDF/common/HDF4.1r1/All/jdcoefct.c
55799      24       /CUSTOM/HDF/common/HDF4.1r1/All/jdcolor.c
63997      17       /CUSTOM/HDF/common/HDF4.1r1/All/jddctmgr.c
35106      35       /CUSTOM/HDF/common/HDF4.1r1/All/jdhuff.c
17458      27       /CUSTOM/HDF/common/HDF4.1r1/All/jdinput.c
54911      40       /CUSTOM/HDF/common/HDF4.1r1/All/jdmainct.c
44800      61       /CUSTOM/HDF/common/HDF4.1r1/All/jdmarker.c
60322      39       /CUSTOM/HDF/common/HDF4.1r1/All/jdmaster.c
16227      28       /CUSTOM/HDF/common/HDF4.1r1/All/jdmerge.c
53777      39       /CUSTOM/HDF/common/HDF4.1r1/All/jdphuff.c
29662      19       /CUSTOM/HDF/common/HDF4.1r1/All/jdpostct.c
53565      32       /CUSTOM/HDF/common/HDF4.1r1/All/jdsample.c
19425       9       /CUSTOM/HDF/common/HDF4.1r1/All/jdtrans.c
50552      14       /CUSTOM/HDF/common/HDF4.1r1/All/jerror.c
15023      11       /CUSTOM/HDF/common/HDF4.1r1/All/jfdctflt.c
54062      15       /CUSTOM/HDF/common/HDF4.1r1/All/jfdctfst.c
20687      22       /CUSTOM/HDF/common/HDF4.1r1/All/jfdctint.c
48960      17       /CUSTOM/HDF/common/HDF4.1r1/All/jidctflt.c
22295      26       /CUSTOM/HDF/common/HDF4.1r1/All/jidctfst.c
43704      29       /CUSTOM/HDF/common/HDF4.1r1/All/jidctint.c
52901      27       /CUSTOM/HDF/common/HDF4.1r1/All/jidctred.c
11428      80       /CUSTOM/HDF/common/HDF4.1r1/All/jmemmgr.c
41328       6       /CUSTOM/HDF/common/HDF4.1r1/All/jmemnobs.c
 7131      62       /CUSTOM/HDF/common/HDF4.1r1/All/jquant1.c
46256      95       /CUSTOM/HDF/common/HDF4.1r1/All/jquant2.c
```

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16893     11    /CUSTOM/HDF/common/HDF4.1r1/All/jutils.c
49092     32    /CUSTOM/HDF/common/HDF4.1r1/All/linklist.c
 1725     84    /CUSTOM/HDF/common/HDF4.1r1/All/mcache.c
22888    156    /CUSTOM/HDF/common/HDF4.1r1/All/mfan.c
 9175     33    /CUSTOM/HDF/common/HDF4.1r1/All/mfanf.c
33067    399    /CUSTOM/HDF/common/HDF4.1r1/All/mfgr.c
53345     55    /CUSTOM/HDF/common/HDF4.1r1/All/mfgrf.c
31508     13    /CUSTOM/HDF/common/HDF4.1r1/All/mfgrff.f
33637    276    /CUSTOM/HDF/common/HDF4.1r1/All/mfsd.c
52758     81    /CUSTOM/HDF/common/HDF4.1r1/All/mfsdf.c
58897     23    /CUSTOM/HDF/common/HDF4.1r1/All/mfsdff.f
43582     23    /CUSTOM/HDF/common/HDF4.1r1/All/mstdio.c
20824     57    /CUSTOM/HDF/common/HDF4.1r1/All/nssdc.c
 4368    113    /CUSTOM/HDF/common/HDF4.1r1/All/putget.c
 9519     12    /CUSTOM/HDF/common/HDF4.1r1/All/putgetg.c
 9027      4    /CUSTOM/HDF/common/HDF4.1r1/All/sharray.c
34460      8    /CUSTOM/HDF/common/HDF4.1r1/All/string.c
38782     70    /CUSTOM/HDF/common/HDF4.1r1/All/tbbt.c
39939     83    /CUSTOM/HDF/common/HDF4.1r1/All/trees.c
31720      4    /CUSTOM/HDF/common/HDF4.1r1/All/uncompr.c
 2063     35    /CUSTOM/HDF/common/HDF4.1r1/All/var.c
58408     87    /CUSTOM/HDF/common/HDF4.1r1/All/vattr.c
35065     18    /CUSTOM/HDF/common/HDF4.1r1/All/vattrf.c
64944      8    /CUSTOM/HDF/common/HDF4.1r1/All/vattrff.f
35597     29    /CUSTOM/HDF/common/HDF4.1r1/All/vconv.c
48990     61    /CUSTOM/HDF/common/HDF4.1r1/All/vg.c
53857     68    /CUSTOM/HDF/common/HDF4.1r1/All/vgf.c
21480     41    /CUSTOM/HDF/common/HDF4.1r1/All/vgff.f
10353    136    /CUSTOM/HDF/common/HDF4.1r1/All/vgp.c
38967     16    /CUSTOM/HDF/common/HDF4.1r1/All/vhi.c
17015     74    /CUSTOM/HDF/common/HDF4.1r1/All/vio.c
17935     13    /CUSTOM/HDF/common/HDF4.1r1/All/vparse.c
29110     44    /CUSTOM/HDF/common/HDF4.1r1/All/vrw.c
 6885     60    /CUSTOM/HDF/common/HDF4.1r1/All/vsfld.c
53138     29    /CUSTOM/HDF/common/HDF4.1r1/All/xdrposix.c
54880     10    /CUSTOM/HDF/common/HDF4.1r1/All/zutil.c
27739     15    /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jcapimin.c
47883     12    /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jcapistd.c
40511     33    /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jccoefct.c
58768     29    /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jccolor.c
56630     25    /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jcdctmgr.c
18790     50    /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jchuff.c
 2802      5    /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jcinit.c
26764     18    /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jcmainct.c
 7256     33    /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jcmarker.c
12188     38    /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jcmaster.c
32629      6    /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jcomapi.c
 3184     39    /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jcparam.c
 9907     49    /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jcphuff.c
40040     24    /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jcprepct.c
51451     37    /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jcsample.c
65064     26    /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jctrans.c
 7408     25    /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jdapimin.c
58754     19    /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jdapistd.c
```

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46409     10      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jdatadst.c
60119     15      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jdatasrc.c
55616     50      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jdcoefct.c
55799     24      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jdcolor.c
63997     17      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jddctmgr.c
35106     35      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jdhuff.c
17458     27      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jdinput.c
54911     40      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jdmainct.c
44800     61      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jdmarker.c
60322     39      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jdmaster.c
16227     28      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jdmerge.c
53777     39      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jdphuff.c
29662     19      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jdpostct.c
53565     32      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jdsample.c
19425      9      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jdtrans.c
50552     14      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jerror.c
15023     11      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jfdctflt.c
54062     15      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jfdctfst.c
20687     22      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jfdctint.c
48960     17      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jidctflt.c
22295     26      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jidctfst.c
43704     29      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jidctint.c
52901     27      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jidctred.c
11428     80      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jmemmgr.c
41328      6      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jmemnobs.c
 7131     62      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jquant1.c
46256     95      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jquant2.c
16893     11      /CUSTOM/HDF/common/HDF4.1r1/hdf/jpeg/jutils.c
61046     44      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/atom.c
26107     35      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/bitvect.c
27678     50      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/cdeflate.c
31028     61      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/cnbit.c
31468     21      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/cnone.c
10090     53      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/crle.c
34670     55      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/cskphuff.c
10733     36      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/df24.c
35912     30      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/df24f.c
  366     19      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/df24ff.f
37532    112      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfan.c
33058     38      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfanf.c
25795     30      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfanff.f
38542     30      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfcomp.c
61439     43      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfconv.c
43975     33      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dff.c
14531      7      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfff.f
44961    112      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfgr.c
37349     20      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfgroup.c
61519     80      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfimcomp.c
10134     24      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfjpeg.c
21173     55      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfkconv.c
  723    365      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfkcray.c
17900     47      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfkfuji.c
59757     21      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfknat.c
30721     30      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfkswap.c
```

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46801     66      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfkvms.c
37587     36      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfp.c
64386     17      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfpf.c
24244     20      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfpff.f
49105    112      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfr8.c
18251     32      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfr8f.c
 8824     24      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfr8ff.f
41466     12      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfrle.c
19744    379      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfsd.c
45415    106      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfsdf.c
62114     43      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfsdff.f
19008     81      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfstubs.c
60037     49      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfufp2i.c
29692      9      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfufp2if.f
 3182     30      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfunjpeg.c
39415      6      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfutil.c
57241      6      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dfutilf.c
64914     24      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/dynarray.c
54298     78      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/glist.c
41322     73      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/hbitio.c
31073    120      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/hblocks.c
11586    273      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/hchunks.c
64344     95      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/hcomp.c
45649     20      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/hdfalloc.c
65144     22      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/herr.c
 8494      5      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/herrf.c
20957     99      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/hextelt.c
55028    278      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/hfile.c
23285    156      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/hfiledd.c
 6327     10      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/hfilef.c
 7267      7      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/hfileff.f
31212     22      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/hkit.c
49092     32      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/linklist.c
 1725     84      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/mcache.c
22888    156      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/mfan.c
 9175     33      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/mfanf.c
33067    399      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/mfgr.c
53345     55      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/mfgrf.c
31508     13      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/mfgrff.f
43582     23      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/mstdio.c
38782     70      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/tbbt.c
58408     87      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/vattr.c
35065     18      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/vattrf.c
64944      8      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/vattrff.f
35597     29      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/vconv.c
48990     61      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/vg.c
53857     68      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/vgf.c
21480     41      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/vgff.f
10353    136      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/vgp.c
38967     16      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/vhi.c
17015     74      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/vio.c
17935     13      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/vparse.c
29110     44      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/vrw.c
 6885     60      /CUSTOM/HDF/common/HDF4.1r1/hdf/src/vsfld.c
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19642     3     /CUSTOM/HDF/common/HDF4.1r1/hdf/zlib/adler32.c
16121     4     /CUSTOM/HDF/common/HDF4.1r1/hdf/zlib/compress.c
 1529    15     /CUSTOM/HDF/common/HDF4.1r1/hdf/zlib/crc32.c
47352    86     /CUSTOM/HDF/common/HDF4.1r1/hdf/zlib/deflate.c
37844    31     /CUSTOM/HDF/common/HDF4.1r1/hdf/zlib/gzio.c
31164    25     /CUSTOM/HDF/common/HDF4.1r1/hdf/zlib/infblock.c
62996    15     /CUSTOM/HDF/common/HDF4.1r1/hdf/zlib/infcodes.c
49340    11     /CUSTOM/HDF/common/HDF4.1r1/hdf/zlib/inffast.c
54316    18     /CUSTOM/HDF/common/HDF4.1r1/hdf/zlib/inflate.c
60724    32     /CUSTOM/HDF/common/HDF4.1r1/hdf/zlib/inftrees.c
20939     4     /CUSTOM/HDF/common/HDF4.1r1/hdf/zlib/infutil.c
39939    83     /CUSTOM/HDF/common/HDF4.1r1/hdf/zlib/trees.c
31720     4     /CUSTOM/HDF/common/HDF4.1r1/hdf/zlib/uncompr.c
54880    10     /CUSTOM/HDF/common/HDF4.1r1/hdf/zlib/zutil.c
51352     3     /CUSTOM/HDF/common/HDF4.1r1/man/VSattrinfo.3
31142     3     /CUSTOM/HDF/common/HDF4.1r1/man/VSfindattr.3
12691     2     /CUSTOM/HDF/common/HDF4.1r1/man/VSfindex.3
27499     3     /CUSTOM/HDF/common/HDF4.1r1/man/VSfnattrs.3
49956     3     /CUSTOM/HDF/common/HDF4.1r1/man/VSgetattr.3
60512     2     /CUSTOM/HDF/common/HDF4.1r1/man/VSisattr.3
 6616     2     /CUSTOM/HDF/common/HDF4.1r1/man/VSnattrs.3
38416     5     /CUSTOM/HDF/common/HDF4.1r1/man/VSsetattr.3
33274     3     /CUSTOM/HDF/common/HDF4.1r1/man/Vattrinfo.3
 4082     2     /CUSTOM/HDF/common/HDF4.1r1/man/Vfindattr.3
24089     3     /CUSTOM/HDF/common/HDF4.1r1/man/Vgetattr.3
 6086     2     /CUSTOM/HDF/common/HDF4.1r1/man/Vgetversion.3
60180     2     /CUSTOM/HDF/common/HDF4.1r1/man/Vnattrs.3
  535     4     /CUSTOM/HDF/common/HDF4.1r1/man/Vsetattr.3
55431     2     /CUSTOM/HDF/common/HDF4.1r1/man/grluttoref.3
55629    15     /CUSTOM/HDF/common/HDF4.1r1/man/hdf.1
10357     2     /CUSTOM/HDF/common/HDF4.1r1/man/hdfls.1
 7069     2     /CUSTOM/HDF/common/HDF4.1r1/man/hdfpack.1
37952     1     /CUSTOM/HDF/common/HDF4.1r1/man/hdfunpac.1
54520    17     /CUSTOM/HDF/common/HDF4.1r1/man/hdp.1
52417     5     /CUSTOM/HDF/common/HDF4.1r1/man/hxsetcreatedir.3
45197     4     /CUSTOM/HDF/common/HDF4.1r1/man/hxsetdir.3
13649    20     /CUSTOM/HDF/common/HDF4.1r1/man/mfan.3
 2206     2     /CUSTOM/HDF/common/HDF4.1r1/man/ristosds.1
23435    17     /CUSTOM/HDF/common/HDF4.1r1/man/sd_chunk.3
40236     3     /CUSTOM/HDF/common/HDF4.1r1/man/sdisdimval_bwcomp.3
50539     3     /CUSTOM/HDF/common/HDF4.1r1/man/sdsetaccesstype.3
 7677     5     /CUSTOM/HDF/common/HDF4.1r1/man/sdsetdimval_comp.3
53741     5     /CUSTOM/HDF/common/HDF4.1r1/man/sdsetfillmode.3
24535     9     /CUSTOM/HDF/common/HDF4.1r1/man/vsfpack.3
 6903     2     /CUSTOM/HDF/common/HDF4.1r1/man/vssetexternalfile.3
55629    15     /CUSTOM/HDF/common/HDF4.1r1/man/man1/hdf.1
10357     2     /CUSTOM/HDF/common/HDF4.1r1/man/man1/hdfls.1
 7069     2     /CUSTOM/HDF/common/HDF4.1r1/man/man1/hdfpack.1
37952     1     /CUSTOM/HDF/common/HDF4.1r1/man/man1/hdfunpac.1
54520    17     /CUSTOM/HDF/common/HDF4.1r1/man/man1/hdp.1
49697    16     /CUSTOM/HDF/common/HDF4.1r1/man/man1/ncdump.1
 6453    28     /CUSTOM/HDF/common/HDF4.1r1/man/man1/ncgen.1
 2206     2     /CUSTOM/HDF/common/HDF4.1r1/man/man1/ristosds.1
51352     3     /CUSTOM/HDF/common/HDF4.1r1/man/man3/VSattrinfo.3
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31142      3    /CUSTOM/HDF/common/HDF4.1r1/man/man3/VSfindattr.3
12691      2    /CUSTOM/HDF/common/HDF4.1r1/man/man3/VSfindex.3
27499      3    /CUSTOM/HDF/common/HDF4.1r1/man/man3/VSfnattrs.3
49956      3    /CUSTOM/HDF/common/HDF4.1r1/man/man3/VSgetattr.3
60512      2    /CUSTOM/HDF/common/HDF4.1r1/man/man3/VSisattr.3
 6616      2    /CUSTOM/HDF/common/HDF4.1r1/man/man3/VSnattrs.3
38416      5    /CUSTOM/HDF/common/HDF4.1r1/man/man3/VSsetattr.3
33274      3    /CUSTOM/HDF/common/HDF4.1r1/man/man3/Vattrinfo.3
 4082      2    /CUSTOM/HDF/common/HDF4.1r1/man/man3/Vfindattr.3
24089      3    /CUSTOM/HDF/common/HDF4.1r1/man/man3/Vgetattr.3
 6086      2    /CUSTOM/HDF/common/HDF4.1r1/man/man3/Vgetversion.3
60180      2    /CUSTOM/HDF/common/HDF4.1r1/man/man3/Vnattrs.3
  535      4    /CUSTOM/HDF/common/HDF4.1r1/man/man3/Vsetattr.3
55431      2    /CUSTOM/HDF/common/HDF4.1r1/man/man3/grluttoref.3
52417      5    /CUSTOM/HDF/common/HDF4.1r1/man/man3/hxsetcreatedir.3
45197      4    /CUSTOM/HDF/common/HDF4.1r1/man/man3/hxsetdir.3
13649     20    /CUSTOM/HDF/common/HDF4.1r1/man/man3/mfan.3
41179     58    /CUSTOM/HDF/common/HDF4.1r1/man/man3/netcdf.3
61074     51    /CUSTOM/HDF/common/HDF4.1r1/man/man3/netcdf.3f
23435     17    /CUSTOM/HDF/common/HDF4.1r1/man/man3/sd_chunk.3
40236      3
                   /CUSTOM/HDF/common/HDF4.1r1/man/man3/sdisdimval_
               bwcomp.3
50539      3    /CUSTOM/HDF/common/HDF4.1r1/man/man3/sdsetaccesstype.3
 7677      5
                   /CUSTOM/HDF/common/HDF4.1r1/man/man3/sdsetdimval
               _comp.3
24535      9    /CUSTOM/HDF/common/HDF4.1r1/man/man3/vsfpack.3
 6903      2
                   /CUSTOM/HDF/common/HDF4.1r1/man/man3/vssetextern
               alfile.3
 7646    101    /CUSTOM/HDF/common/HDF4.1r1/mfhdf/fortran/jackets.c
52758     81    /CUSTOM/HDF/common/HDF4.1r1/mfhdf/fortran/mfsdf.c
58897     23    /CUSTOM/HDF/common/HDF4.1r1/mfhdf/fortran/mfsdff.f
17390     23    /CUSTOM/HDF/common/HDF4.1r1/mfhdf/libsrc/array.c
36291     20    /CUSTOM/HDF/common/HDF4.1r1/mfhdf/libsrc/attr.c
10348    118    /CUSTOM/HDF/common/HDF4.1r1/mfhdf/libsrc/cdf.c
 4486     13    /CUSTOM/HDF/common/HDF4.1r1/mfhdf/libsrc/dim.c
29966     10    /CUSTOM/HDF/common/HDF4.1r1/mfhdf/libsrc/error.c
 4503     38    /CUSTOM/HDF/common/HDF4.1r1/mfhdf/libsrc/file.c
59233      3    /CUSTOM/HDF/common/HDF4.1r1/mfhdf/libsrc/globdef.c
  130     83    /CUSTOM/HDF/common/HDF4.1r1/mfhdf/libsrc/hdfsds.c
33527      5    /CUSTOM/HDF/common/HDF4.1r1/mfhdf/libsrc/iarray.c
33637    276    /CUSTOM/HDF/common/HDF4.1r1/mfhdf/libsrc/mfsd.c
20824     57    /CUSTOM/HDF/common/HDF4.1r1/mfhdf/libsrc/nssdc.c
 4368    113    /CUSTOM/HDF/common/HDF4.1r1/mfhdf/libsrc/putget.c
 9519     12    /CUSTOM/HDF/common/HDF4.1r1/mfhdf/libsrc/putgetg.c
 9027      4    /CUSTOM/HDF/common/HDF4.1r1/mfhdf/libsrc/sharray.c
34460      8    /CUSTOM/HDF/common/HDF4.1r1/mfhdf/libsrc/string.c
 2063     35    /CUSTOM/HDF/common/HDF4.1r1/mfhdf/libsrc/var.c
53138     29    /CUSTOM/HDF/common/HDF4.1r1/mfhdf/libsrc/xdrposix.c
21745     13    /CUSTOM/HDF/common/HDF4.1r1/release_notes/ABOUT_4.1r1
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35509       12
                        /CUSTOM/HDF/common/HDF4.1r1/release_notes/Fortra
            n_APIs.txt
31482       17
                        /CUSTOM/HDF/common/HDF4.1r1/release_notes/bugs_f
            ixed.txt
49719       18  /CUSTOM/HDF/common/HDF4.1r1/release_notes/compile.txt
14578        5
                        /CUSTOM/HDF/common/HDF4.1r1/release_notes/parall
            el_CM5.txt
11364       29
                        /CUSTOM/HDF/common/HDF4.1r1/release_notes/sd_chu
            nk_examples.txt
28455       11  /CUSTOM/HDF/common/HDF4.1r1/release_notes/vattr.txt
33011        4  /CUSTOM/HDF/sgi/HDF4.1r1/COPYING
 6040        7  /CUSTOM/HDF/sgi/HDF4.1r1/README
36944     1541  /CUSTOM/HDF/sgi/HDF4.1r1/bin/fp2hdf
49646     1397  /CUSTOM/HDF/sgi/HDF4.1r1/bin/hdf24to8
52685      835  /CUSTOM/HDF/sgi/HDF4.1r1/bin/hdf2jpeg
48097     1406  /CUSTOM/HDF/sgi/HDF4.1r1/bin/hdf8to24
 6322     1383  /CUSTOM/HDF/sgi/HDF4.1r1/bin/hdfcomp
 4596     1529  /CUSTOM/HDF/sgi/HDF4.1r1/bin/hdfed
10689      903  /CUSTOM/HDF/sgi/HDF4.1r1/bin/hdfls
22315      846  /CUSTOM/HDF/sgi/HDF4.1r1/bin/hdfpack
45673      846  /CUSTOM/HDF/sgi/HDF4.1r1/bin/hdftopal
17211     1342  /CUSTOM/HDF/sgi/HDF4.1r1/bin/hdftor8
 4100      835  /CUSTOM/HDF/sgi/HDF4.1r1/bin/hdfunpac
52414     2152  /CUSTOM/HDF/sgi/HDF4.1r1/bin/hdp
  737      848  /CUSTOM/HDF/sgi/HDF4.1r1/bin/jpeg2hdf
45822      512  /CUSTOM/HDF/sgi/HDF4.1r1/bin/ncdump
59279     1505  /CUSTOM/HDF/sgi/HDF4.1r1/bin/paltohdf
57992     2490  /CUSTOM/HDF/sgi/HDF4.1r1/bin/r8tohdf
 9889     2706  /CUSTOM/HDF/sgi/HDF4.1r1/bin/ristosds
14263     1514  /CUSTOM/HDF/sgi/HDF4.1r1/bin/vcompat
56559     1540  /CUSTOM/HDF/sgi/HDF4.1r1/bin/vmake
 2446     1635  /CUSTOM/HDF/sgi/HDF4.1r1/bin/vshow
42011       20  /CUSTOM/HDF/sgi/HDF4.1r1/include/atom.h
  885       47  /CUSTOM/HDF/sgi/HDF4.1r1/include/bitvect.h
57241        8  /CUSTOM/HDF/sgi/HDF4.1r1/include/cdeflate.h
33450        9  /CUSTOM/HDF/sgi/HDF4.1r1/include/cnbit.h
10742        6  /CUSTOM/HDF/sgi/HDF4.1r1/include/cnone.h
14945        8  /CUSTOM/HDF/sgi/HDF4.1r1/include/crle.h
61014        8  /CUSTOM/HDF/sgi/HDF4.1r1/include/cskphuff.h
42237       15  /CUSTOM/HDF/sgi/HDF4.1r1/include/df.h
33984        5  /CUSTOM/HDF/sgi/HDF4.1r1/include/dfan.h
57648       17  /CUSTOM/HDF/sgi/HDF4.1r1/include/dffunc.f90
59450       17  /CUSTOM/HDF/sgi/HDF4.1r1/include/dffunc.inc
27484        7  /CUSTOM/HDF/sgi/HDF4.1r1/include/dfgr.h
44415       19  /CUSTOM/HDF/sgi/HDF4.1r1/include/dfi.h
19997        7  /CUSTOM/HDF/sgi/HDF4.1r1/include/dfrig.h
15189       10  /CUSTOM/HDF/sgi/HDF4.1r1/include/dfsd.h
25604        5  /CUSTOM/HDF/sgi/HDF4.1r1/include/dfstubs.h
49537        8  /CUSTOM/HDF/sgi/HDF4.1r1/include/dfufp2i.h
11368       12  /CUSTOM/HDF/sgi/HDF4.1r1/include/dynarray.h
```

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34011        7       /CUSTOM/HDF/sgi/HDF4.1r1/include/hbitio.h
30231       22       /CUSTOM/HDF/sgi/HDF4.1r1/include/hchunks.h
 5745       11       /CUSTOM/HDF/sgi/HDF4.1r1/include/hcomp.h
 5152        9       /CUSTOM/HDF/sgi/HDF4.1r1/include/hcompi.h
45332       18       /CUSTOM/HDF/sgi/HDF4.1r1/include/hconv.h
46502       33       /CUSTOM/HDF/sgi/HDF4.1r1/include/hdf.f90
15624       10       /CUSTOM/HDF/sgi/HDF4.1r1/include/hdf.h
48336       33       /CUSTOM/HDF/sgi/HDF4.1r1/include/hdf.inc
43061        5       /CUSTOM/HDF/sgi/HDF4.1r1/include/hdf2netcdf.h
18444       78       /CUSTOM/HDF/sgi/HDF4.1r1/include/hdfi.h
43520       43       /CUSTOM/HDF/sgi/HDF4.1r1/include/herr.h
34747       71       /CUSTOM/HDF/sgi/HDF4.1r1/include/hfile.h
 5512       15       /CUSTOM/HDF/sgi/HDF4.1r1/include/hkit.h
 1277       18       /CUSTOM/HDF/sgi/HDF4.1r1/include/hlimits.h
28296       22       /CUSTOM/HDF/sgi/HDF4.1r1/include/hntdefs.h
 4497      208       /CUSTOM/HDF/sgi/HDF4.1r1/include/hproto.h
21595       12       /CUSTOM/HDF/sgi/HDF4.1r1/include/htags.h
33221        3       /CUSTOM/HDF/sgi/HDF4.1r1/include/jconfig.h
62308       26       /CUSTOM/HDF/sgi/HDF4.1r1/include/jerror.h
43682       25       /CUSTOM/HDF/sgi/HDF4.1r1/include/jmorecfg.h
59456       87       /CUSTOM/HDF/sgi/HDF4.1r1/include/jpeglib.h
56510       15       /CUSTOM/HDF/sgi/HDF4.1r1/include/linklist.h
31018       33       /CUSTOM/HDF/sgi/HDF4.1r1/include/local_nc.h
16037       31       /CUSTOM/HDF/sgi/HDF4.1r1/include/mfan.h
52370       18       /CUSTOM/HDF/sgi/HDF4.1r1/include/mfgr.h
40091       39       /CUSTOM/HDF/sgi/HDF4.1r1/include/mfhdf.h
 9460        6       /CUSTOM/HDF/sgi/HDF4.1r1/include/mstdio.h
42839        9       /CUSTOM/HDF/sgi/HDF4.1r1/include/netcdf.f90
24596       30       /CUSTOM/HDF/sgi/HDF4.1r1/include/netcdf.h
46865        9       /CUSTOM/HDF/sgi/HDF4.1r1/include/netcdf.inc
 6519       33       /CUSTOM/HDF/sgi/HDF4.1r1/include/tbbt.h
32434       25       /CUSTOM/HDF/sgi/HDF4.1r1/include/vattr.h
22638       25       /CUSTOM/HDF/sgi/HDF4.1r1/include/vg.h
17288       10       /CUSTOM/HDF/sgi/HDF4.1r1/include/zconf.h
57396       71       /CUSTOM/HDF/sgi/HDF4.1r1/include/zlib.h
26510     2329       /CUSTOM/HDF/sgi/HDF4.1r1/lib/libdf.a
63935      578       /CUSTOM/HDF/sgi/HDF4.1r1/lib/libjpeg.a
43064      601       /CUSTOM/HDF/sgi/HDF4.1r1/lib/libmfhdf.a
57688      190       /CUSTOM/HDF/sgi/HDF4.1r1/lib/libz.a
51352        3       /CUSTOM/HDF/sgi/HDF4.1r1/man/VSattrinfo.3
31142        3       /CUSTOM/HDF/sgi/HDF4.1r1/man/VSfindattr.3
12691        2       /CUSTOM/HDF/sgi/HDF4.1r1/man/VSfindex.3
27499        3       /CUSTOM/HDF/sgi/HDF4.1r1/man/VSfnattrs.3
49956        3       /CUSTOM/HDF/sgi/HDF4.1r1/man/VSgetattr.3
60512        2       /CUSTOM/HDF/sgi/HDF4.1r1/man/VSisattr.3
 6616        2       /CUSTOM/HDF/sgi/HDF4.1r1/man/VSnattrs.3
38416        5       /CUSTOM/HDF/sgi/HDF4.1r1/man/VSsetattr.3
33274        3       /CUSTOM/HDF/sgi/HDF4.1r1/man/Vattrinfo.3
 4082        2       /CUSTOM/HDF/sgi/HDF4.1r1/man/Vfindattr.3
24089        3       /CUSTOM/HDF/sgi/HDF4.1r1/man/Vgetattr.3
 6086        2       /CUSTOM/HDF/sgi/HDF4.1r1/man/Vgetversion.3
60180        2       /CUSTOM/HDF/sgi/HDF4.1r1/man/Vnattrs.3
  535        4       /CUSTOM/HDF/sgi/HDF4.1r1/man/Vsetattr.3
55431        2       /CUSTOM/HDF/sgi/HDF4.1r1/man/grluttoref.3
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55629      15      /CUSTOM/HDF/sgi/HDF4.1r1/man/hdf.1
10357       2      /CUSTOM/HDF/sgi/HDF4.1r1/man/hdfls.1
 7069       2      /CUSTOM/HDF/sgi/HDF4.1r1/man/hdfpack.1
37952       1      /CUSTOM/HDF/sgi/HDF4.1r1/man/hdfunpac.1
54520      17      /CUSTOM/HDF/sgi/HDF4.1r1/man/hdp.1
52417       5      /CUSTOM/HDF/sgi/HDF4.1r1/man/hxsetcreatedir.3
45197       4      /CUSTOM/HDF/sgi/HDF4.1r1/man/hxsetdir.3
13649      20      /CUSTOM/HDF/sgi/HDF4.1r1/man/mfan.3
 2206       2      /CUSTOM/HDF/sgi/HDF4.1r1/man/ristosds.1
23435      17      /CUSTOM/HDF/sgi/HDF4.1r1/man/sd_chunk.3
40236       3      /CUSTOM/HDF/sgi/HDF4.1r1/man/sdisdimval_bwcomp.3
50539       3      /CUSTOM/HDF/sgi/HDF4.1r1/man/sdsetaccesstype.3
 7677       5      /CUSTOM/HDF/sgi/HDF4.1r1/man/sdsetdimval_comp.3
53741       5      /CUSTOM/HDF/sgi/HDF4.1r1/man/sdsetfillmode.3
24535       9      /CUSTOM/HDF/sgi/HDF4.1r1/man/vsfpack.3
 6903       2      /CUSTOM/HDF/sgi/HDF4.1r1/man/vssetexternalfile.3
55629      15      /CUSTOM/HDF/sgi/HDF4.1r1/man/man1/hdf.1
10357       2      /CUSTOM/HDF/sgi/HDF4.1r1/man/man1/hdfls.1
 7069       2      /CUSTOM/HDF/sgi/HDF4.1r1/man/man1/hdfpack.1
37952       1      /CUSTOM/HDF/sgi/HDF4.1r1/man/man1/hdfunpac.1
54520      17      /CUSTOM/HDF/sgi/HDF4.1r1/man/man1/hdp.1
49697      16      /CUSTOM/HDF/sgi/HDF4.1r1/man/man1/ncdump.1
 6453      28      /CUSTOM/HDF/sgi/HDF4.1r1/man/man1/ncgen.1
 2206       2      /CUSTOM/HDF/sgi/HDF4.1r1/man/man1/ristosds.1
51352       3      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/VSattrinfo.3
31142       3      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/VSfindattr.3
12691       2      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/VSfindex.3
27499       3      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/VSfnattrs.3
49956       3      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/VSgetattr.3
60512       2      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/VSisattr.3
 6616       2      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/VSnattrs.3
38416       5      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/VSsetattr.3
33274       3      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/Vattrinfo.3
 4082       2      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/Vfindattr.3
24089       3      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/Vgetattr.3
 6086       2      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/Vgetversion.3
60180       2      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/Vnattrs.3
  535       4      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/Vsetattr.3
55431       2      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/grluttoref.3
52417       5      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/hxsetcreatedir.3
45197       4      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/hxsetdir.3
13649      20      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/mfan.3
41179      58      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/netcdf.3
61074      51      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/netcdf.3f
23435      17      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/sd_chunk.3
40236       3      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/sdisdimval_bwcomp.3
50539       3      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/sdsetaccesstype.3
 7677       5      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/sdsetdimval_comp.3
24535       9      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/vsfpack.3
 6903       2      /CUSTOM/HDF/sgi/HDF4.1r1/man/man3/vssetexternalfile.3
21745      13      /CUSTOM/HDF/sgi/HDF4.1r1/release_notes/ABOUT_4.1r1
35509      12
                        /CUSTOM/HDF/sgi/HDF4.1r1/release_notes/Fortran_A
                   PIs.txt
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31482      17    /CUSTOM/HDF/sgi/HDF4.1r1/release_notes/bugs_fixed.txt
49719      18    /CUSTOM/HDF/sgi/HDF4.1r1/release_notes/compile.txt
14578       5
                     /CUSTOM/HDF/sgi/HDF4.1r1/release_notes/parallel_
                CM5.txt
11364      29
                     /CUSTOM/HDF/sgi/HDF4.1r1/release_notes/sd_chunk_
                examples.txt
28455      11    /CUSTOM/HDF/sgi/HDF4.1r1/release_notes/vattr.txt
33011       4    /CUSTOM/HDF/sgi32/HDF4.1r1/COPYING
 6040       7    /CUSTOM/HDF/sgi32/HDF4.1r1/README
 7083    1641    /CUSTOM/HDF/sgi32/HDF4.1r1/bin/fp2hdf
37787    1494    /CUSTOM/HDF/sgi32/HDF4.1r1/bin/hdf24to8
11218     888    /CUSTOM/HDF/sgi32/HDF4.1r1/bin/hdf2jpeg
 7905    1487    /CUSTOM/HDF/sgi32/HDF4.1r1/bin/hdf8to24
36407    1470    /CUSTOM/HDF/sgi32/HDF4.1r1/bin/hdfcomp
24716    1618    /CUSTOM/HDF/sgi32/HDF4.1r1/bin/hdfed
18080     950    /CUSTOM/HDF/sgi32/HDF4.1r1/bin/hdfls
42839     888    /CUSTOM/HDF/sgi32/HDF4.1r1/bin/hdfpack
 6253     888    /CUSTOM/HDF/sgi32/HDF4.1r1/bin/hdftopal
30296    1435    /CUSTOM/HDF/sgi32/HDF4.1r1/bin/hdftor8
33387     879    /CUSTOM/HDF/sgi32/HDF4.1r1/bin/hdfunpac
13611    2312    /CUSTOM/HDF/sgi32/HDF4.1r1/bin/hdp
  800     897    /CUSTOM/HDF/sgi32/HDF4.1r1/bin/jpeg2hdf
44796    1265    /CUSTOM/HDF/sgi32/HDF4.1r1/bin/ncdump
  369    1378    /CUSTOM/HDF/sgi32/HDF4.1r1/bin/ncgen
27199     888    /CUSTOM/HDF/sgi32/HDF4.1r1/bin/paltohdf
48333    1435    /CUSTOM/HDF/sgi32/HDF4.1r1/bin/r8tohdf
48773    1573    /CUSTOM/HDF/sgi32/HDF4.1r1/bin/ristosds
56689     871    /CUSTOM/HDF/sgi32/HDF4.1r1/bin/vcompat
22369     896    /CUSTOM/HDF/sgi32/HDF4.1r1/bin/vmake
43097     958    /CUSTOM/HDF/sgi32/HDF4.1r1/bin/vshow
42011      20    /CUSTOM/HDF/sgi32/HDF4.1r1/include/atom.h
  885      47    /CUSTOM/HDF/sgi32/HDF4.1r1/include/bitvect.h
57241       8    /CUSTOM/HDF/sgi32/HDF4.1r1/include/cdeflate.h
33450       9    /CUSTOM/HDF/sgi32/HDF4.1r1/include/cnbit.h
10742       6    /CUSTOM/HDF/sgi32/HDF4.1r1/include/cnone.h
14945       8    /CUSTOM/HDF/sgi32/HDF4.1r1/include/crle.h
61014       8    /CUSTOM/HDF/sgi32/HDF4.1r1/include/cskphuff.h
42237      15    /CUSTOM/HDF/sgi32/HDF4.1r1/include/df.h
33984       5    /CUSTOM/HDF/sgi32/HDF4.1r1/include/dfan.h
57648      17    /CUSTOM/HDF/sgi32/HDF4.1r1/include/dffunc.f90
59450      17    /CUSTOM/HDF/sgi32/HDF4.1r1/include/dffunc.inc
27484       7    /CUSTOM/HDF/sgi32/HDF4.1r1/include/dfgr.h
44415      19    /CUSTOM/HDF/sgi32/HDF4.1r1/include/dfi.h
19997       7    /CUSTOM/HDF/sgi32/HDF4.1r1/include/dfrig.h
15189      10    /CUSTOM/HDF/sgi32/HDF4.1r1/include/dfsd.h
25604       5    /CUSTOM/HDF/sgi32/HDF4.1r1/include/dfstubs.h
49537       8    /CUSTOM/HDF/sgi32/HDF4.1r1/include/dfufp2i.h
11368      12    /CUSTOM/HDF/sgi32/HDF4.1r1/include/dynarray.h
34011       7    /CUSTOM/HDF/sgi32/HDF4.1r1/include/hbitio.h
30231      22    /CUSTOM/HDF/sgi32/HDF4.1r1/include/hchunks.h
 5745      11    /CUSTOM/HDF/sgi32/HDF4.1r1/include/hcomp.h
 5152       9    /CUSTOM/HDF/sgi32/HDF4.1r1/include/hcompi.h
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45332      18      /CUSTOM/HDF/sgi32/HDF4.1r1/include/hconv.h
46502      33      /CUSTOM/HDF/sgi32/HDF4.1r1/include/hdf.f90
15624      10      /CUSTOM/HDF/sgi32/HDF4.1r1/include/hdf.h
48336      33      /CUSTOM/HDF/sgi32/HDF4.1r1/include/hdf.inc
43061       5      /CUSTOM/HDF/sgi32/HDF4.1r1/include/hdf2netcdf.h
18444      78      /CUSTOM/HDF/sgi32/HDF4.1r1/include/hdfi.h
43520      43      /CUSTOM/HDF/sgi32/HDF4.1r1/include/herr.h
34747      71      /CUSTOM/HDF/sgi32/HDF4.1r1/include/hfile.h
 5512      15      /CUSTOM/HDF/sgi32/HDF4.1r1/include/hkit.h
 1277      18      /CUSTOM/HDF/sgi32/HDF4.1r1/include/hlimits.h
28296      22      /CUSTOM/HDF/sgi32/HDF4.1r1/include/hntdefs.h
 4497     208      /CUSTOM/HDF/sgi32/HDF4.1r1/include/hproto.h
21595      12      /CUSTOM/HDF/sgi32/HDF4.1r1/include/htags.h
40083       3      /CUSTOM/HDF/sgi32/HDF4.1r1/include/jconfig.h
62308      26      /CUSTOM/HDF/sgi32/HDF4.1r1/include/jerror.h
43682      25      /CUSTOM/HDF/sgi32/HDF4.1r1/include/jmorecfg.h
59456      87      /CUSTOM/HDF/sgi32/HDF4.1r1/include/jpeglib.h
56510      15      /CUSTOM/HDF/sgi32/HDF4.1r1/include/linklist.h
31018      33      /CUSTOM/HDF/sgi32/HDF4.1r1/include/local_nc.h
16037      31      /CUSTOM/HDF/sgi32/HDF4.1r1/include/mfan.h
52370      18      /CUSTOM/HDF/sgi32/HDF4.1r1/include/mfgr.h
40091      39      /CUSTOM/HDF/sgi32/HDF4.1r1/include/mfhdf.h
 9460       6      /CUSTOM/HDF/sgi32/HDF4.1r1/include/mstdio.h
42839       9      /CUSTOM/HDF/sgi32/HDF4.1r1/include/netcdf.f90
24640      30      /CUSTOM/HDF/sgi32/HDF4.1r1/include/netcdf.h
46865       9      /CUSTOM/HDF/sgi32/HDF4.1r1/include/netcdf.inc
 6519      33      /CUSTOM/HDF/sgi32/HDF4.1r1/include/tbbt.h
32434      25      /CUSTOM/HDF/sgi32/HDF4.1r1/include/vattr.h
22638      25      /CUSTOM/HDF/sgi32/HDF4.1r1/include/vg.h
17288      10      /CUSTOM/HDF/sgi32/HDF4.1r1/include/zconf.h
57396      71      /CUSTOM/HDF/sgi32/HDF4.1r1/include/zlib.h
 9228    3635      /CUSTOM/HDF/sgi32/HDF4.1r1/lib/libdf.a
12953    1685      /CUSTOM/HDF/sgi32/HDF4.1r1/lib/libjpeg.a
21754    1042      /CUSTOM/HDF/sgi32/HDF4.1r1/lib/libmfhdf.a
 4648     387      /CUSTOM/HDF/sgi32/HDF4.1r1/lib/libz.a
51352       3      /CUSTOM/HDF/sgi32/HDF4.1r1/man/VSattrinfo.3
31142       3      /CUSTOM/HDF/sgi32/HDF4.1r1/man/VSfindattr.3
12691       2      /CUSTOM/HDF/sgi32/HDF4.1r1/man/VSfindex.3
27499       3      /CUSTOM/HDF/sgi32/HDF4.1r1/man/VSfnattrs.3
49956       3      /CUSTOM/HDF/sgi32/HDF4.1r1/man/VSgetattr.3
60512       2      /CUSTOM/HDF/sgi32/HDF4.1r1/man/VSisattr.3
 6616       2      /CUSTOM/HDF/sgi32/HDF4.1r1/man/VSnattrs.3
38416       5      /CUSTOM/HDF/sgi32/HDF4.1r1/man/VSsetattr.3
33274       3      /CUSTOM/HDF/sgi32/HDF4.1r1/man/Vattrinfo.3
 4082       2      /CUSTOM/HDF/sgi32/HDF4.1r1/man/Vfindattr.3
24089       3      /CUSTOM/HDF/sgi32/HDF4.1r1/man/Vgetattr.3
 6086       2      /CUSTOM/HDF/sgi32/HDF4.1r1/man/Vgetversion.3
60180       2      /CUSTOM/HDF/sgi32/HDF4.1r1/man/Vnattrs.3
  535       4      /CUSTOM/HDF/sgi32/HDF4.1r1/man/Vsetattr.3
55431       2      /CUSTOM/HDF/sgi32/HDF4.1r1/man/grluttoref.3
55629      15      /CUSTOM/HDF/sgi32/HDF4.1r1/man/hdf.1
10357       2      /CUSTOM/HDF/sgi32/HDF4.1r1/man/hdfls.1
 7069       2      /CUSTOM/HDF/sgi32/HDF4.1r1/man/hdfpack.1
37952       1      /CUSTOM/HDF/sgi32/HDF4.1r1/man/hdfunpac.1
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54520    17      /CUSTOM/HDF/sgi32/HDF4.1r1/man/hdp.1
52417     5      /CUSTOM/HDF/sgi32/HDF4.1r1/man/hxsetcreatedir.3
45197     4      /CUSTOM/HDF/sgi32/HDF4.1r1/man/hxsetdir.3
13649    20      /CUSTOM/HDF/sgi32/HDF4.1r1/man/mfan.3
 2206     2      /CUSTOM/HDF/sgi32/HDF4.1r1/man/ristosds.1
23435    17      /CUSTOM/HDF/sgi32/HDF4.1r1/man/sd_chunk.3
40236     3      /CUSTOM/HDF/sgi32/HDF4.1r1/man/sdisdimval_bwcomp.3
50539     3      /CUSTOM/HDF/sgi32/HDF4.1r1/man/sdsetaccesstype.3
 7677     5      /CUSTOM/HDF/sgi32/HDF4.1r1/man/sdsetdimval_comp.3
53741     5      /CUSTOM/HDF/sgi32/HDF4.1r1/man/sdsetfillmode.3
24535     9      /CUSTOM/HDF/sgi32/HDF4.1r1/man/vsfpack.3
 6903     2      /CUSTOM/HDF/sgi32/HDF4.1r1/man/vssetexternalfile.3
55629    15      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man1/hdf.1
10357     2      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man1/hdfls.1
 7069     2      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man1/hdfpack.1
37952     1      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man1/hdfunpac.1
54520    17      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man1/hdp.1
49697    16      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man1/ncdump.1
 6453    28      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man1/ncgen.1
 2206     2      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man1/ristosds.1
51352     3      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/VSattrinfo.3
31142     3      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/VSfindattr.3
12691     2      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/VSfindex.3
27499     3      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/VSfnattrs.3
49956     3      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/VSgetattr.3
60512     2      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/VSisattr.3
 6616     2      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/VSnattrs.3
38416     5      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/VSsetattr.3
33274     3      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/Vattrinfo.3
 4082     2      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/Vfindattr.3
24089     3      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/Vgetattr.3
 6086     2      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/Vgetversion.3
60180     2      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/Vnattrs.3
  535     4      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/Vsetattr.3
55431     2      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/grluttoref.3
52417     5      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/hxsetcreatedir.3
45197     4      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/hxsetdir.3
13649    20      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/mfan.3
41179    58      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/netcdf.3
61074    51      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/netcdf.3f
23435    17      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/sd_chunk.3
40236     3
                 /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/sdisdimval_b
         wcomp.3
50539     3      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/sdsetaccesstype.3
 7677     5      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/sdsetdimval_comp.3
24535     9      /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/vsfpack.3
 6903     2
                 /CUSTOM/HDF/sgi32/HDF4.1r1/man/man3/vssetexterna
         lfile.3
21745    13      /CUSTOM/HDF/sgi32/HDF4.1r1/release_notes/ABOUT_4.1r1
35509    12
                 /CUSTOM/HDF/sgi32/HDF4.1r1/release_notes/Fortran
         _APIs.txt
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31482     17
                    /CUSTOM/HDF/sgi32/HDF4.1r1/release_notes/bugs_fi
          xed.txt
49719     18    /CUSTOM/HDF/sgi32/HDF4.1r1/release_notes/compile.txt
14578      5
                    /CUSTOM/HDF/sgi32/HDF4.1r1/release_notes/paralle
          l_CM5.txt
11364     29
                    /CUSTOM/HDF/sgi32/HDF4.1r1/release_notes/sd_chun
          k_examples.txt
28455     11    /CUSTOM/HDF/sgi32/HDF4.1r1/release_notes/vattr.txt
33011      4    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/COPYING
 6040      7    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/README
19642      3    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/adler32.c
17390     23    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/array.c
61046     44    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/atom.c
36291     20    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/attr.c
26107     35    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/bitvect.c
27678     50    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/cdeflate.c
10348    118    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/cdf.c
31028     61    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/cnbit.c
31468     21    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/cnone.c
16121      4    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/compress.c
 1529     15    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/crc32.c
10090     53    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/crle.c
34670     55    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/cskphuff.c
47352     86    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/deflate.c
10733     36    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/df24.c
35912     30    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/df24f.c
  366     19    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/df24ff.f
37532    112    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfan.c
33058     38    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfanf.c
25795     30    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfanff.f
38542     30    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfcomp.c
61439     43    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfconv.c
43975     33    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dff.c
14531      7    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfff.f
44961    112    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfgr.c
37349     20    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfgroup.c
61519     80    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfimcomp.c
10134     24    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfjpeg.c
21173     55    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfkconv.c
  723    365    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfkcray.c
17900     47    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfkfuji.c
59757     21    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfknat.c
30721     30    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfkswap.c
46801     66    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfkvms.c
37587     36    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfp.c
64386     17    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfpf.c
24244     20    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfpff.f
49105    112    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfr8.c
18251     32    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfr8f.c
 8824     24    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfr8ff.f
41466     12    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfrle.c
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19744    379    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfsd.c
45415    106    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfsdf.c
62114     43    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfsdff.f
19008     81    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfstubs.c
60037     49    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfufp2i.c
29692      9    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfufp2if.f
 3182     30    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfunjpeg.c
39415      6    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfutil.c
57241      6    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dfutilf.c
 4486     13    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dim.c
64914     24    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/dynarray.c
29966     10    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/error.c
 4503     38    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/file.c
54298     78    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/glist.c
59233      3    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/globdef.c
37844     31    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/gzio.c
41322     73    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/hbitio.c
31073    120    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/hblocks.c
11586    273    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/hchunks.c
64344     95    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/hcomp.c
45649     20    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/hdfalloc.c
  130     83    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/hdfsds.c
65144     22    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/herr.c
 8494      5    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/herrf.c
20957     99    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/hextelt.c
55028    278    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/hfile.c
23285    156    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/hfiledd.c
 6327     10    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/hfilef.c
 7267      7    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/hfileff.f
31212     22    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/hkit.c
33527      5    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/iarray.c
31164     25    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/infblock.c
62996     15    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/infcodes.c
49340     11    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/inffast.c
54316     18    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/inflate.c
60724     32    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/inftrees.c
20939      4    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/infutil.c
 7646    101    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jackets.c
27739     15    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jcapimin.c
47883     12    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jcapistd.c
40511     33    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jccoefct.c
58768     29    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jccolor.c
56630     25    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jcdctmgr.c
18790     50    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jchuff.c
 2802      5    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jcinit.c
26764     18    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jcmainct.c
 7256     33    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jcmarker.c
12188     38    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jcmaster.c
32629      6    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jcomapi.c
 3184     39    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jcparam.c
 9907     49    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jcphuff.c
40040     24    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jcprepct.c
51451     37    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jcsample.c
65064     26    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jctrans.c
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 7408     25     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jdapimin.c
58754     19     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jdapistd.c
46409     10     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jdatadst.c
60119     15     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jdatasrc.c
55616     50     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jdcoefct.c
55799     24     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jdcolor.c
63997     17     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jddctmgr.c
35106     35     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jdhuff.c
17458     27     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jdinput.c
54911     40     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jdmainct.c
44800     61     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jdmarker.c
60322     39     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jdmaster.c
16227     28     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jdmerge.c
53777     39     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jdphuff.c
29662     19     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jdpostct.c
53565     32     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jdsample.c
19425      9     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jdtrans.c
50552     14     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jerror.c
15023     11     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jfdctflt.c
54062     15     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jfdctfst.c
20687     22     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jfdctint.c
48960     17     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jidctflt.c
22295     26     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jidctfst.c
43704     29     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jidctint.c
52901     27     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jidctred.c
11428     80     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jmemmgr.c
41328      6     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jmemnobs.c
 7131     62     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jquant1.c
46256     95     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jquant2.c
16893     11     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/jutils.c
49092     32     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/linklist.c
 1725     84     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/mcache.c
22888    156     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/mfan.c
 9175     33     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/mfanf.c
33067    399     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/mfgr.c
53345     55     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/mfgrf.c
31508     13     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/mfgrff.f
33637    276     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/mfsd.c
52758     81     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/mfsdf.c
58897     23     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/mfsdff.f
43582     23     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/mstdio.c
20824     57     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/nssdc.c
 4368    113     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/putget.c
 9519     12     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/putgetg.c
 9027      4     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/sharray.c
34460      8     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/string.c
38782     70     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/tbbt.c
39939     83     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/trees.c
31720      4     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/uncompr.c
 2063     35     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/var.c
58408     87     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/vattr.c
35065     18     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/vattrf.c
64944      8     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/vattrff.f
35597     29     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/vconv.c
```

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48990       61    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/vg.c
53857       68    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/vgf.c
21480       41    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/vgff.f
10353      136    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/vgp.c
38967       16    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/vhi.c
17015       74    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/vio.c
17935       13    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/vparse.c
29110       44    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/vrw.c
 6885       60    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/vsfld.c
53138       29    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/xdrposix.c
54880       10    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/All/zutil.c
 7106     1641    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/bin/fp2hdf
37810     1494    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/bin/hdf24to8
11241      888    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/bin/hdf2jpeg
 7928     1487    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/bin/hdf8to24
36430     1470    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/bin/hdfcomp
24739     1618    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/bin/hdfed
18103      950    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/bin/hdfls
42862      888    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/bin/hdfpack
 6276      888    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/bin/hdftopal
30319     1435    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/bin/hdftor8
33410      879    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/bin/hdfunpac
 7199     2312    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/bin/hdp
  823      897    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/bin/jpeg2hdf
43772     1265    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/bin/ncdump
59138     1378    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/bin/ncgen
27222      888    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/bin/paltohdf
48356     1435    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/bin/r8tohdf
48796     1573    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/bin/ristosds
56712      871    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/bin/vcompat
22392      896    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/bin/vmake
43120      958    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/bin/vshow
27739       15    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jcapimin.c
47883       12    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jcapistd.c
40511       33    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jccoefct.c
58768       29    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jccolor.c
56630       25    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jcdctmgr.c
18790       50    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jchuff.c
 2802        5    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jcinit.c
26764       18    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jcmainct.c
 7256       33    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jcmarker.c
12188       38    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jcmaster.c
32629        6    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jcomapi.c
 3184       39    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jcparam.c
 9907       49    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jcphuff.c
40040       24    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jcprepct.c
51451       37    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jcsample.c
65064       26    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jctrans.c
 7408       25    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jdapimin.c
58754       19    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jdapistd.c
46409       10    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jdatadst.c
60119       15    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jdatasrc.c
55616       50    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jdcoefct.c
55799       24    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jdcolor.c
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63997      17      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jddctmgr.c
35106      35      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jdhuff.c
17458      27      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jdinput.c
54911      40      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jdmainct.c
44800      61      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jdmarker.c
60322      39      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jdmaster.c
16227      28      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jdmerge.c
53777      39      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jdphuff.c
29662      19      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jdpostct.c
53565      32      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jdsample.c
19425       9      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jdtrans.c
50552      14      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jerror.c
15023      11      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jfdctflt.c
54062      15      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jfdctfst.c
20687      22      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jfdctint.c
48960      17      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jidctflt.c
22295      26      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jidctfst.c
43704      29      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jidctint.c
52901      27      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jidctred.c
11428      80      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jmemmgr.c
41328       6      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jmemnobs.c
 7131      62      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jquant1.c
46256      95      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jquant2.c
16893      11      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/jpeg/jutils.c
61046      44      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/atom.c
26107      35      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/bitvect.c
27678      50      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/cdeflate.c
31028      61      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/cnbit.c
31468      21      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/cnone.c
10090      53      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/crle.c
34670      55      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/cskphuff.c
10733      36      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/df24.c
35912      30      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/df24f.c
  366      19      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/df24ff.f
37532     112      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfan.c
33058      38      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfanf.c
25795      30      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfanff.f
38542      30      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfcomp.c
61439      43      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfconv.c
43975      33      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dff.c
14531       7      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfff.f
44961     112      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfgr.c
37349      20      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfgroup.c
61519      80      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfimcomp.c
10134      24      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfjpeg.c
21173      55      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfkconv.c
  723     365      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfkcray.c
17900      47      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfkfuji.c
59757      21      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfknat.c
30721      30      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfkswap.c
46801      66      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfkvms.c
37587      36      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfp.c
64386      17      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfpf.c
24244      20      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfpff.f
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49105     112     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfr8.c
18251      32     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfr8f.c
 8824      24     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfr8ff.f
41466      12     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfrle.c
19744     379     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfsd.c
45415     106     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfsdf.c
62114      43     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfsdff.f
19008      81     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfstubs.c
60037      49     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfufp2i.c
29692       9     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfufp2if.f
 3182      30     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfunjpeg.c
39415       6     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfutil.c
57241       6     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dfutilf.c
64914      24     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/dynarray.c
54298      78     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/glist.c
41322      73     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/hbitio.c
31073     120     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/hblocks.c
11586     273     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/hchunks.c
64344      95     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/hcomp.c
45649      20     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/hdfalloc.c
65144      22     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/herr.c
 8494       5     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/herrf.c
20957      99     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/hextelt.c
55028     278     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/hfile.c
23285     156     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/hfiledd.c
 6327      10     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/hfilef.c
 7267       7     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/hfileff.f
31212      22     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/hkit.c
49092      32     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/linklist.c
 1725      84     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/mcache.c
22888     156     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/mfan.c
 9175      33     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/mfanf.c
33067     399     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/mfgr.c
53345      55     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/mfgrf.c
31508      13     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/mfgrff.f
43582      23     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/mstdio.c
38782      70     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/tbbt.c
58408      87     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/vattr.c
35065      18     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/vattrf.c
64944       8     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/vattrff.f
35597      29     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/vconv.c
48990      61     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/vg.c
53857      68     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/vgf.c
21480      41     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/vgff.f
10353     136     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/vgp.c
38967      16     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/vhi.c
17015      74     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/vio.c
17935      13     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/vparse.c
29110      44     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/vrw.c
 6885      60     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/src/vsfld.c
19642       3     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/zlib/adler32.c
16121       4     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/zlib/compress.c
 1529      15     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/zlib/crc32.c
47352      86     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/zlib/deflate.c
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37844     31     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/zlib/gzio.c
31164     25     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/zlib/infblock.c
62996     15     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/zlib/infcodes.c
49340     11     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/zlib/inffast.c
54316     18     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/zlib/inflate.c
60724     32     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/zlib/inftrees.c
20939      4     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/zlib/infutil.c
39939     83     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/zlib/trees.c
31720      4     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/zlib/uncompr.c
54880     10     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/hdf/zlib/zutil.c
42011     20     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/atom.h
  885     47     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/bitvect.h
57241      8     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/cdeflate.h
33450      9     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/cnbit.h
10742      6     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/cnone.h
14945      8     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/crle.h
61014      8     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/cskphuff.h
42237     15     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/df.h
33984      5     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/dfan.h
57648     17     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/dffunc.f90
59450     17     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/dffunc.inc
27484      7     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/dfgr.h
44415     19     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/dfi.h
19997      7     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/dfrig.h
15189     10     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/dfsd.h
25604      5     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/dfstubs.h
49537      8     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/dfufp2i.h
11368     12     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/dynarray.h
34011      7     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/hbitio.h
30231     22     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/hchunks.h
 5745     11     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/hcomp.h
 5152      9     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/hcompi.h
45332     18     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/hconv.h
46502     33     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/hdf.f90
15624     10     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/hdf.h
48336     33     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/hdf.inc
43061      5     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/hdf2netcdf.h
18444     78     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/hdfi.h
43520     43     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/herr.h
34747     71     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/hfile.h
 5512     15     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/hkit.h
 1277     18     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/hlimits.h
28296     22     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/hntdefs.h
 4497    208     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/hproto.h
21595     12     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/htags.h
40083      3     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/jconfig.h
62308     26     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/jerror.h
43682     25     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/jmorecfg.h
59456     87     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/jpeglib.h
56510     15     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/linklist.h
31018     33     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/local_nc.h
16037     31     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/mfan.h
52370     18     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/mfgr.h
40091     39     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/mfhdf.h
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 9460       6    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/mstdio.h
42839       9    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/netcdf.f90
24640      30    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/netcdf.h
46865       9    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/netcdf.inc
 6519      33    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/tbbt.h
32434      25    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/vattr.h
22638      25    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/vg.h
17288      10    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/zconf.h
57396      71    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/include/zlib.h
28931    3652    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/lib/libdf.a
19513    1694    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/lib/libjpeg.a
23307    1048    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/lib/libmfhdf.a
10702     390    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/lib/libz.a
51352       3    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/VSattrinfo.3
31142       3    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/VSfindattr.3
12691       2    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/VSfindex.3
27499       3    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/VSfnattrs.3
49956       3    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/VSgetattr.3
60512       2    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/VSisattr.3
 6616       2    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/VSnattrs.3
38416       5    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/VSsetattr.3
33274       3    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/Vattrinfo.3
 4082       2    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/Vfindattr.3
24089       3    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/Vgetattr.3
 6086       2    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/Vgetversion.3
60180       2    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/Vnattrs.3
  535       4    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/Vsetattr.3
55431       2    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/grluttoref.3
55629      15    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/hdf.1
10357       2    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/hdfls.1
 7069       2    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/hdfpack.1
37952       1    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/hdfunpac.1
54520      17    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/hdp.1
52417       5    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/hxsetcreatedir.3
45197       4    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/hxsetdir.3
13649      20    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/mfan.3
 2206       2    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/ristosds.1
23435      17    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/sd_chunk.3
40236       3
                     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/sdisdimval_
                bwcomp.3
50539       3    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/sdsetaccesstype.3
 7677       5
                     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/sdsetdimval
                _comp.3
53741       5    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/sdsetfillmode.3
24535       9    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/vsfpack.3
 6903       2
                     /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/vssetextern
                alfile.3
55629      15    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man1/hdf.1
10357       2    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man1/hdfls.1
 7069       2    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man1/hdfpack.1
37952       1    /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man1/hdfunpac.1
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54520      17      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man1/hdp.1
49697      16      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man1/ncdump.1
 6453      28      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man1/ncgen.1
 2206       2      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man1/ristosds.1
51352       3      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/VSattrinfo.3
31142       3      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/VSfindattr.3
12691       2      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/VSfindex.3
27499       3      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/VSfnattrs.3
49956       3      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/VSgetattr.3
60512       2      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/VSisattr.3
 6616       2      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/VSnattrs.3
38416       5      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/VSsetattr.3
33274       3      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/Vattrinfo.3
 4082       2      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/Vfindattr.3
24089       3      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/Vgetattr.3
 6086       2
                   /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/Vgetve
            rsion.3
60180       2      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/Vnattrs.3
  535       4      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/Vsetattr.3
55431       2      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/grluttoref.3
52417       5
                   /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/hxsetc
            reatedir.3
45197       4      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/hxsetdir.3
13649      20      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/mfan.3
41179      58      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/netcdf.3
61074      51      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/netcdf.3f
23435      17      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/sd_chunk.3
40236       3
                   /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/sdisdi
            mval_bwcomp.3
50539       3
                   /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/sdseta
            ccesstype.3
 7677       5
                   /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/sdsetd
            imval_comp.3
24535       9      /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/vsfpack.3
 6903       2
                   /CUSTOM/HDF/sgi32_debug/HDF4.1r1/man/man3/vssete
            xternalfile.3
33011       4      /CUSTOM/HDF/sgi64/HDF4.1r1/COPYING
 6040       7      /CUSTOM/HDF/sgi64/HDF4.1r1/README
 9853    1191      /CUSTOM/HDF/sgi64/HDF4.1r1/bin/fp2hdf
 3198    1069      /CUSTOM/HDF/sgi64/HDF4.1r1/bin/hdf24to8
34302     648      /CUSTOM/HDF/sgi64/HDF4.1r1/bin/hdf2jpeg
40271    1077      /CUSTOM/HDF/sgi64/HDF4.1r1/bin/hdf8to24
52941    1061      /CUSTOM/HDF/sgi64/HDF4.1r1/bin/hdfcomp
36686    1193      /CUSTOM/HDF/sgi64/HDF4.1r1/bin/hdfed
55164     702      /CUSTOM/HDF/sgi64/HDF4.1r1/bin/hdfls
53608     649      /CUSTOM/HDF/sgi64/HDF4.1r1/bin/hdfpack
48659     649      /CUSTOM/HDF/sgi64/HDF4.1r1/bin/hdftopal
10345    1042      /CUSTOM/HDF/sgi64/HDF4.1r1/bin/hdftor8
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28063     631    /CUSTOM/HDF/sgi64/HDF4.1r1/bin/hdfunpac
35744    1702    /CUSTOM/HDF/sgi64/HDF4.1r1/bin/hdp
 8662     649    /CUSTOM/HDF/sgi64/HDF4.1r1/bin/jpeg2hdf
55581     945    /CUSTOM/HDF/sgi64/HDF4.1r1/bin/ncdump
55759    1050    /CUSTOM/HDF/sgi64/HDF4.1r1/bin/ncgen
25495     649    /CUSTOM/HDF/sgi64/HDF4.1r1/bin/paltohdf
52246    1033    /CUSTOM/HDF/sgi64/HDF4.1r1/bin/r8tohdf
45680    1140    /CUSTOM/HDF/sgi64/HDF4.1r1/bin/ristosds
39548     631    /CUSTOM/HDF/sgi64/HDF4.1r1/bin/vcompat
20246     657    /CUSTOM/HDF/sgi64/HDF4.1r1/bin/vmake
 2850     703    /CUSTOM/HDF/sgi64/HDF4.1r1/bin/vshow
42011      20    /CUSTOM/HDF/sgi64/HDF4.1r1/include/atom.h
  885      47    /CUSTOM/HDF/sgi64/HDF4.1r1/include/bitvect.h
57241       8    /CUSTOM/HDF/sgi64/HDF4.1r1/include/cdeflate.h
33450       9    /CUSTOM/HDF/sgi64/HDF4.1r1/include/cnbit.h
10742       6    /CUSTOM/HDF/sgi64/HDF4.1r1/include/cnone.h
14945       8    /CUSTOM/HDF/sgi64/HDF4.1r1/include/crle.h
61014       8    /CUSTOM/HDF/sgi64/HDF4.1r1/include/cskphuff.h
42237      15    /CUSTOM/HDF/sgi64/HDF4.1r1/include/df.h
33984       5    /CUSTOM/HDF/sgi64/HDF4.1r1/include/dfan.h
57648      17    /CUSTOM/HDF/sgi64/HDF4.1r1/include/dffunc.f90
59450      17    /CUSTOM/HDF/sgi64/HDF4.1r1/include/dffunc.inc
27484       7    /CUSTOM/HDF/sgi64/HDF4.1r1/include/dfgr.h
44415      19    /CUSTOM/HDF/sgi64/HDF4.1r1/include/dfi.h
19997       7    /CUSTOM/HDF/sgi64/HDF4.1r1/include/dfrig.h
15189      10    /CUSTOM/HDF/sgi64/HDF4.1r1/include/dfsd.h
25604       5    /CUSTOM/HDF/sgi64/HDF4.1r1/include/dfstubs.h
49537       8    /CUSTOM/HDF/sgi64/HDF4.1r1/include/dfufp2i.h
11368      12    /CUSTOM/HDF/sgi64/HDF4.1r1/include/dynarray.h
34011       7    /CUSTOM/HDF/sgi64/HDF4.1r1/include/hbitio.h
30231      22    /CUSTOM/HDF/sgi64/HDF4.1r1/include/hchunks.h
 5745      11    /CUSTOM/HDF/sgi64/HDF4.1r1/include/hcomp.h
 5152       9    /CUSTOM/HDF/sgi64/HDF4.1r1/include/hcompi.h
45332      18    /CUSTOM/HDF/sgi64/HDF4.1r1/include/hconv.h
46502      33    /CUSTOM/HDF/sgi64/HDF4.1r1/include/hdf.f90
15624      10    /CUSTOM/HDF/sgi64/HDF4.1r1/include/hdf.h
48336      33    /CUSTOM/HDF/sgi64/HDF4.1r1/include/hdf.inc
43061       5    /CUSTOM/HDF/sgi64/HDF4.1r1/include/hdf2netcdf.h
18444      78    /CUSTOM/HDF/sgi64/HDF4.1r1/include/hdfi.h
43520      43    /CUSTOM/HDF/sgi64/HDF4.1r1/include/herr.h
34747      71    /CUSTOM/HDF/sgi64/HDF4.1r1/include/hfile.h
 5512      15    /CUSTOM/HDF/sgi64/HDF4.1r1/include/hkit.h
 1277      18    /CUSTOM/HDF/sgi64/HDF4.1r1/include/hlimits.h
28296      22    /CUSTOM/HDF/sgi64/HDF4.1r1/include/hntdefs.h
 4497     208    /CUSTOM/HDF/sgi64/HDF4.1r1/include/hproto.h
21595      12    /CUSTOM/HDF/sgi64/HDF4.1r1/include/htags.h
33221       3    /CUSTOM/HDF/sgi64/HDF4.1r1/include/jconfig.h
62308      26    /CUSTOM/HDF/sgi64/HDF4.1r1/include/jerror.h
43682      25    /CUSTOM/HDF/sgi64/HDF4.1r1/include/jmorecfg.h
59456      87    /CUSTOM/HDF/sgi64/HDF4.1r1/include/jpeglib.h
56510      15    /CUSTOM/HDF/sgi64/HDF4.1r1/include/linklist.h
31018      33    /CUSTOM/HDF/sgi64/HDF4.1r1/include/local_nc.h
16037      31    /CUSTOM/HDF/sgi64/HDF4.1r1/include/mfan.h
52370      18    /CUSTOM/HDF/sgi64/HDF4.1r1/include/mfgr.h
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40091      39      /CUSTOM/HDF/sgi64/HDF4.1r1/include/mfhdf.h
 9460       6      /CUSTOM/HDF/sgi64/HDF4.1r1/include/mstdio.h
42839       9      /CUSTOM/HDF/sgi64/HDF4.1r1/include/netcdf.f90
24596      30      /CUSTOM/HDF/sgi64/HDF4.1r1/include/netcdf.h
46865       9      /CUSTOM/HDF/sgi64/HDF4.1r1/include/netcdf.inc
 6519      33      /CUSTOM/HDF/sgi64/HDF4.1r1/include/tbbt.h
32434      25      /CUSTOM/HDF/sgi64/HDF4.1r1/include/vattr.h
22638      25      /CUSTOM/HDF/sgi64/HDF4.1r1/include/vg.h
17288      10      /CUSTOM/HDF/sgi64/HDF4.1r1/include/zconf.h
57396      71      /CUSTOM/HDF/sgi64/HDF4.1r1/include/zlib.h
43026    3345      /CUSTOM/HDF/sgi64/HDF4.1r1/lib/libdf.a
36626     972      /CUSTOM/HDF/sgi64/HDF4.1r1/lib/libjpeg.a
37542     934      /CUSTOM/HDF/sgi64/HDF4.1r1/lib/libmfhdf.a
28148     307      /CUSTOM/HDF/sgi64/HDF4.1r1/lib/libz.a
51352       3      /CUSTOM/HDF/sgi64/HDF4.1r1/man/VSattrinfo.3
31142       3      /CUSTOM/HDF/sgi64/HDF4.1r1/man/VSfindattr.3
12691       2      /CUSTOM/HDF/sgi64/HDF4.1r1/man/VSfindex.3
27499       3      /CUSTOM/HDF/sgi64/HDF4.1r1/man/VSfnattrs.3
49956       3      /CUSTOM/HDF/sgi64/HDF4.1r1/man/VSgetattr.3
60512       2      /CUSTOM/HDF/sgi64/HDF4.1r1/man/VSisattr.3
 6616       2      /CUSTOM/HDF/sgi64/HDF4.1r1/man/VSnattrs.3
38416       5      /CUSTOM/HDF/sgi64/HDF4.1r1/man/VSsetattr.3
33274       3      /CUSTOM/HDF/sgi64/HDF4.1r1/man/Vattrinfo.3
 4082       2      /CUSTOM/HDF/sgi64/HDF4.1r1/man/Vfindattr.3
24089       3      /CUSTOM/HDF/sgi64/HDF4.1r1/man/Vgetattr.3
 6086       2      /CUSTOM/HDF/sgi64/HDF4.1r1/man/Vgetversion.3
60180       2      /CUSTOM/HDF/sgi64/HDF4.1r1/man/Vnattrs.3
  535       4      /CUSTOM/HDF/sgi64/HDF4.1r1/man/Vsetattr.3
55431       2      /CUSTOM/HDF/sgi64/HDF4.1r1/man/grluttoref.3
55629      15      /CUSTOM/HDF/sgi64/HDF4.1r1/man/hdf.1
10357       2      /CUSTOM/HDF/sgi64/HDF4.1r1/man/hdfls.1
 7069       2      /CUSTOM/HDF/sgi64/HDF4.1r1/man/hdfpack.1
37952       1      /CUSTOM/HDF/sgi64/HDF4.1r1/man/hdfunpac.1
54520      17      /CUSTOM/HDF/sgi64/HDF4.1r1/man/hdp.1
52417       5      /CUSTOM/HDF/sgi64/HDF4.1r1/man/hxsetcreatedir.3
45197       4      /CUSTOM/HDF/sgi64/HDF4.1r1/man/hxsetdir.3
13649      20      /CUSTOM/HDF/sgi64/HDF4.1r1/man/mfan.3
 2206       2      /CUSTOM/HDF/sgi64/HDF4.1r1/man/ristosds.1
23435      17      /CUSTOM/HDF/sgi64/HDF4.1r1/man/sd_chunk.3
40236       3      /CUSTOM/HDF/sgi64/HDF4.1r1/man/sdisdimval_bwcomp.3
50539       3      /CUSTOM/HDF/sgi64/HDF4.1r1/man/sdsetaccesstype.3
 7677       5      /CUSTOM/HDF/sgi64/HDF4.1r1/man/sdsetdimval_comp.3
53741       5      /CUSTOM/HDF/sgi64/HDF4.1r1/man/sdsetfillmode.3
24535       9      /CUSTOM/HDF/sgi64/HDF4.1r1/man/vsfpack.3
 6903       2      /CUSTOM/HDF/sgi64/HDF4.1r1/man/vssetexternalfile.3
55629      15      /CUSTOM/HDF/sgi64/HDF4.1r1/man/man1/hdf.1
10357       2      /CUSTOM/HDF/sgi64/HDF4.1r1/man/man1/hdfls.1
 7069       2      /CUSTOM/HDF/sgi64/HDF4.1r1/man/man1/hdfpack.1
37952       1      /CUSTOM/HDF/sgi64/HDF4.1r1/man/man1/hdfunpac.1
54520      17      /CUSTOM/HDF/sgi64/HDF4.1r1/man/man1/hdp.1
49697      16      /CUSTOM/HDF/sgi64/HDF4.1r1/man/man1/ncdump.1
 6453      28      /CUSTOM/HDF/sgi64/HDF4.1r1/man/man1/ncgen.1
 2206       2      /CUSTOM/HDF/sgi64/HDF4.1r1/man/man1/ristosds.1
51352       3      /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/VSattrinfo.3
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31142      3       /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/VSfindattr.3
12691      2       /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/VSfindex.3
27499      3       /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/VSfnattrs.3
49956      3       /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/VSgetattr.3
60512      2       /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/VSisattr.3
 6616      2       /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/VSnattrs.3
38416      5       /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/VSsetattr.3
33274      3       /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/Vattrinfo.3
 4082      2       /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/Vfindattr.3
24089      3       /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/Vgetattr.3
 6086      2       /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/Vgetversion.3
60180      2       /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/Vnattrs.3
  535      4       /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/Vsetattr.3
55431      2       /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/grluttoref.3
52417      5       /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/hxsetcreatedir.3
45197      4       /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/hxsetdir.3
13649     20       /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/mfan.3
41179     58       /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/netcdf.3
61074     51       /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/netcdf.3f
23435     17       /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/sd_chunk.3
40236      3
                        /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/sdisdimval_b
                   wcomp.3
50539      3       /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/sdsetaccesstype.3
 7677      5       /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/sdsetdimval_comp.3
24535      9       /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/vsfpack.3
 6903      2
                        /CUSTOM/HDF/sgi64/HDF4.1r1/man/man3/vssetexterna
                   lfile.3
21745     13       /CUSTOM/HDF/sgi64/HDF4.1r1/release_notes/ABOUT_4.1r1
35509     12
                        /CUSTOM/HDF/sgi64/HDF4.1r1/release_notes/Fortran
                   _APIs.txt
31482     17
                        /CUSTOM/HDF/sgi64/HDF4.1r1/release_notes/bugs_fi
                   xed.txt
49719     18       /CUSTOM/HDF/sgi64/HDF4.1r1/release_notes/compile.txt
14578      5
                        /CUSTOM/HDF/sgi64/HDF4.1r1/release_notes/paralle
                   l_CM5.txt
11364     29
                        /CUSTOM/HDF/sgi64/HDF4.1r1/release_notes/sd_chun
                   k_examples.txt
28455     11       /CUSTOM/HDF/sgi64/HDF4.1r1/release_notes/vattr.txt
33011      4       /CUSTOM/HDF/sgi64_debug/HDF4.1r1/COPYING
 6040      7       /CUSTOM/HDF/sgi64_debug/HDF4.1r1/README
19642      3       /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/adler32.c
17390     23       /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/array.c
61046     44       /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/atom.c
36291     20       /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/attr.c
26107     35       /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/bitvect.c
27678     50       /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/cdeflate.c
10348    118       /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/cdf.c
31028     61       /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/cnbit.c
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31468      21      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/cnone.c
16121       4      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/compress.c
 1529      15      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/crc32.c
10090      53      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/crle.c
34670      55      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/cskphuff.c
47352      86      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/deflate.c
10733      36      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/df24.c
35912      30      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/df24f.c
  366      19      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/df24ff.f
37532     112      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfan.c
33058      38      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfanf.c
25795      30      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfanff.f
38542      30      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfcomp.c
61439      43      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfconv.c
43975      33      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dff.c
14531       7      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfff.f
44961     112      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfgr.c
37349      20      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfgroup.c
61519      80      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfimcomp.c
10134      24      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfjpeg.c
21173      55      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfkconv.c
  723     365      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfkcray.c
17900      47      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfkfuji.c
59757      21      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfknat.c
30721      30      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfkswap.c
46801      66      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfkvms.c
37587      36      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfp.c
64386      17      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfpf.c
24244      20      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfpff.f
49105     112      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfr8.c
18251      32      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfr8f.c
 8824      24      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfr8ff.f
41466      12      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfrle.c
19744     379      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfsd.c
45415     106      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfsdf.c
62114      43      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfsdff.f
19008      81      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfstubs.c
60037      49      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfufp2i.c
29692       9      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfufp2if.f
 3182      30      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfunjpeg.c
39415       6      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfutil.c
57241       6      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dfutilf.c
 4486      13      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dim.c
64914      24      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/dynarray.c
29966      10      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/error.c
 4503      38      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/file.c
54298      78      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/glist.c
59233       3      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/globdef.c
37844      31      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/gzio.c
41322      73      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/hbitio.c
31073     120      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/hblocks.c
11586     273      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/hchunks.c
64344      95      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/hcomp.c
45649      20      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/hdfalloc.c
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  130     83    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/hdfsds.c
65144     22    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/herr.c
 8494      5    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/herrf.c
20957     99    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/hextelt.c
55028    278    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/hfile.c
23285    156    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/hfiledd.c
 6327     10    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/hfilef.c
 7267      7    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/hfileff.f
31212     22    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/hkit.c
33527      5    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/iarray.c
31164     25    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/infblock.c
62996     15    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/infcodes.c
49340     11    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/inffast.c
54316     18    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/inflate.c
60724     32    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/inftrees.c
20939      4    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/infutil.c
 7646    101    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jackets.c
27739     15    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jcapimin.c
47883     12    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jcapistd.c
40511     33    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jccoefct.c
58768     29    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jccolor.c
56630     25    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jcdctmgr.c
18790     50    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jchuff.c
 2802      5    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jcinit.c
26764     18    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jcmainct.c
 7256     33    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jcmarker.c
12188     38    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jcmaster.c
32629      6    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jcomapi.c
 3184     39    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jcparam.c
 9907     49    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jcphuff.c
40040     24    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jcprepct.c
51451     37    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jcsample.c
65064     26    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jctrans.c
 7408     25    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jdapimin.c
58754     19    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jdapistd.c
46409     10    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jdatadst.c
60119     15    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jdatasrc.c
55616     50    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jdcoefct.c
55799     24    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jdcolor.c
63997     17    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jddctmgr.c
35106     35    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jdhuff.c
17458     27    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jdinput.c
54911     40    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jdmainct.c
44800     61    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jdmarker.c
60322     39    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jdmaster.c
16227     28    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jdmerge.c
53777     39    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jdphuff.c
29662     19    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jdpostct.c
53565     32    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jdsample.c
19425      9    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jdtrans.c
50552     14    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jerror.c
15023     11    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jfdctflt.c
54062     15    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jfdctfst.c
20687     22    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jfdctint.c
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48960        17      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jidctflt.c
22295        26      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jidctfst.c
43704        29      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jidctint.c
52901        27      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jidctred.c
11428        80      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jmemmgr.c
41328         6      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jmemnobs.c
 7131        62      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jquant1.c
46256        95      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jquant2.c
16893        11      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/jutils.c
49092        32      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/linklist.c
 1725        84      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/mcache.c
22888       156      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/mfan.c
 9175        33      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/mfanf.c
33067       399      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/mfgr.c
53345        55      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/mfgrf.c
31508        13      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/mfgrff.f
33637       276      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/mfsd.c
52758        81      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/mfsdf.c
58897        23      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/mfsdff.f
43582        23      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/mstdio.c
20824        57      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/nssdc.c
 4368       113      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/putget.c
 9519        12      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/putgetg.c
 9027         4      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/sharray.c
34460         8      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/string.c
38782        70      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/tbbt.c
39939        83      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/trees.c
31720         4      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/uncompr.c
 2063        35      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/var.c
58408        87      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/vattr.c
35065        18      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/vattrf.c
64944         8      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/vattrff.f
35597        29      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/vconv.c
48990        61      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/vg.c
53857        68      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/vgf.c
21480        41      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/vgff.f
10353       136      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/vgp.c
38967        16      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/vhi.c
17015        74      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/vio.c
17935        13      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/vparse.c
29110        44      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/vrw.c
 6885        60      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/vsfld.c
53138        29      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/xdrposix.c
54880        10      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/All/zutil.c
46449      1666      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/bin/fp2hdf
24359      1519      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/bin/hdf24to8
50806       905      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/bin/hdf2jpeg
59319      1520      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/bin/hdf8to24
58419      1503      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/bin/hdfcomp
 8780      1651      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/bin/hdfed
38740       967      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/bin/hdfls
57991       905      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/bin/hdfpack
57529       905      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/bin/hdftopal
22563      1468      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/bin/hdftor8
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45790     888     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/bin/hdfunpac
57741    2345     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/bin/hdp
46083     914     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/bin/jpeg2hdf
49985    1298     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/bin/ncdump
 3473    1411     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/bin/ncgen
35198     905     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/bin/paltohdf
33606    1468     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/bin/r8tohdf
46411    1606     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/bin/ristosds
17655     880     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/bin/vcompat
25092     913     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/bin/vmake
32290     976     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/bin/vshow
27739      15     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jcapimin.c
47883      12     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jcapistd.c
40511      33     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jccoefct.c
58768      29     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jccolor.c
56630      25     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jcdctmgr.c
18790      50     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jchuff.c
 2802       5     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jcinit.c
26764      18     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jcmainct.c
 7256      33     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jcmarker.c
12188      38     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jcmaster.c
32629       6     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jcomapi.c
 3184      39     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jcparam.c
 9907      49     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jcphuff.c
40040      24     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jcprepct.c
51451      37     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jcsample.c
65064      26     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jctrans.c
 7408      25     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jdapimin.c
58754      19     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jdapistd.c
46409      10     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jdatadst.c
60119      15     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jdatasrc.c
55616      50     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jdcoefct.c
55799      24     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jdcolor.c
63997      17     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jddctmgr.c
35106      35     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jdhuff.c
17458      27     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jdinput.c
54911      40     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jdmainct.c
44800      61     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jdmarker.c
60322      39     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jdmaster.c
16227      28     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jdmerge.c
53777      39     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jdphuff.c
29662      19     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jdpostct.c
53565      32     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jdsample.c
19425       9     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jdtrans.c
50552      14     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jerror.c
15023      11     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jfdctflt.c
54062      15     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jfdctfst.c
20687      22     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jfdctint.c
48960      17     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jidctflt.c
22295      26     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jidctfst.c
43704      29     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jidctint.c
52901      27     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jidctred.c
11428      80     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jmemmgr.c
41328       6     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jmemnobs.c
```

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 7131     62     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jquant1.c
46256     95     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jquant2.c
16893     11     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/jpeg/jutils.c
61046     44     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/atom.c
26107     35     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/bitvect.c
27678     50     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/cdeflate.c
31028     61     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/cnbit.c
31468     21     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/cnone.c
10090     53     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/crle.c
34670     55     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/cskphuff.c
10733     36     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/df24.c
35912     30     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/df24f.c
  366     19     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/df24ff.f
37532    112     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfan.c
33058     38     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfanf.c
25795     30     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfanff.f
38542     30     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfcomp.c
61439     43     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfconv.c
43975     33     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dff.c
14531      7     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfff.f
44961    112     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfgr.c
37349     20     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfgroup.c
61519     80     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfimcomp.c
10134     24     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfjpeg.c
21173     55     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfkconv.c
  723    365     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfkcray.c
17900     47     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfkfuji.c
59757     21     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfknat.c
30721     30     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfkswap.c
46801     66     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfkvms.c
37587     36     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfp.c
64386     17     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfpf.c
24244     20     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfpff.f
49105    112     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfr8.c
18251     32     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfr8f.c
 8824     24     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfr8ff.f
41466     12     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfrle.c
19744    379     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfsd.c
45415    106     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfsdf.c
62114     43     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfsdff.f
19008     81     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfstubs.c
60037     49     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfufp2i.c
29692      9     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfufp2if.f
 3182     30     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfunjpeg.c
39415      6     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfutil.c
57241      6     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dfutilf.c
64914     24     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/dynarray.c
54298     78     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/glist.c
41322     73     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/hbitio.c
31073    120     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/hblocks.c
11586    273     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/hchunks.c
64344     95     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/hcomp.c
45649     20     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/hdfalloc.c
65144     22     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/herr.c
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```
 8494      5     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/herrf.c
20957     99     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/hextelt.c
55028    278     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/hfile.c
23285    156     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/hfiledd.c
 6327     10     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/hfilef.c
 7267      7     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/hfileff.f
31212     22     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/hkit.c
49092     32     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/linklist.c
 1725     84     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/mcache.c
22888    156     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/mfan.c
 9175     33     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/mfanf.c
33067    399     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/mfgr.c
53345     55     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/mfgrf.c
31508     13     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/mfgrff.f
43582     23     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/mstdio.c
38782     70     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/tbbt.c
58408     87     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/vattr.c
35065     18     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/vattrf.c
64944      8     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/vattrff.f
35597     29     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/vconv.c
48990     61     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/vg.c
53857     68     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/vgf.c
21480     41     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/vgff.f
10353    136     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/vgp.c
38967     16     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/vhi.c
17015     74     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/vio.c
17935     13     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/vparse.c
29110     44     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/vrw.c
 6885     60     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/src/vsfld.c
19642      3     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/zlib/adler32.c
16121      4     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/zlib/compress.c
 1529     15     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/zlib/crc32.c
47352     86     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/zlib/deflate.c
37844     31     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/zlib/gzio.c
31164     25     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/zlib/infblock.c
62996     15     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/zlib/infcodes.c
49340     11     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/zlib/inffast.c
54316     18     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/zlib/inflate.c
60724     32     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/zlib/inftrees.c
20939      4     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/zlib/infutil.c
39939     83     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/zlib/trees.c
31720      4     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/zlib/uncompr.c
54880     10     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/hdf/zlib/zutil.c
42011     20     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/atom.h
  885     47     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/bitvect.h
57241      8     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/cdeflate.h
33450      9     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/cnbit.h
10742      6     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/cnone.h
14945      8     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/crle.h
61014      8     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/cskphuff.h
42237     15     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/df.h
33984      5     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/dfan.h
57648     17     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/dffunc.f90
59450     17     /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/dffunc.inc
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27484        7      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/dfgr.h
44415       19      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/dfi.h
19997        7      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/dfrig.h
15189       10      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/dfsd.h
25604        5      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/dfstubs.h
49537        8      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/dfufp2i.h
11368       12      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/dynarray.h
34011        7      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/hbitio.h
30231       22      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/hchunks.h
 5745       11      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/hcomp.h
 5152        9      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/hcompi.h
45332       18      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/hconv.h
46502       33      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/hdf.f90
15624       10      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/hdf.h
48336       33      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/hdf.inc
43061        5      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/hdf2netcdf.h
18444       78      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/hdfi.h
43520       43      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/herr.h
34747       71      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/hfile.h
 5512       15      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/hkit.h
 1277       18      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/hlimits.h
28296       22      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/hntdefs.h
 4497      208      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/hproto.h
21595       12      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/htags.h
33221        3      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/jconfig.h
62308       26      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/jerror.h
43682       25      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/jmorecfg.h
59456       87      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/jpeglib.h
56510       15      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/linklist.h
31018       33      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/local_nc.h
16037       31      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/mfan.h
52370       18      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/mfgr.h
40091       39      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/mfhdf.h
 9460        6      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/mstdio.h
42839        9      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/netcdf.f90
24596       30      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/netcdf.h
46865        9      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/netcdf.inc
 6519       33      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/tbbt.h
32434       25      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/vattr.h
22638       25      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/vg.h
17288       10      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/zconf.h
57396       71      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/include/zlib.h
51717     4590      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/lib/libdf.a
50464     2025      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/lib/libjpeg.a
31834     1286      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/lib/libmfhdf.a
30429      470      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/lib/libz.a
51352        3      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/VSattrinfo.3
31142        3      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/VSfindattr.3
12691        2      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/VSfindex.3
27499        3      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/VSfnattrs.3
49956        3      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/VSgetattr.3
60512        2      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/VSisattr.3
 6616        2      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/VSnattrs.3
38416        5      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/VSsetattr.3
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33274       3      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/Vattrinfo.3
 4082       2      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/Vfindattr.3
24089       3      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/Vgetattr.3
 6086       2      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/Vgetversion.3
60180       2      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/Vnattrs.3
  535       4      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/Vsetattr.3
55431       2      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/grluttoref.3
55629      15      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/hdf.1
10357       2      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/hdfls.1
 7069       2      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/hdfpack.1
37952       1      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/hdfunpac.1
54520      17      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/hdp.1
52417       5      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/hxsetcreatedir.3
45197       4      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/hxsetdir.3
13649      20      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/mfan.3
 2206       2      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/ristosds.1
23435      17      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/sd_chunk.3
40236       3
                          /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/sdisdimval_
                   bwcomp.3
50539       3      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/sdsetaccesstype.3
 7677       5
                          /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/sdsetdimval
                   _comp.3
53741       5      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/sdsetfillmode.3
24535       9      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/vsfpack.3
 6903       2
                          /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/vssetextern
                   alfile.3
55629      15      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man1/hdf.1
10357       2      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man1/hdfls.1
 7069       2      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man1/hdfpack.1
37952       1      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man1/hdfunpac.1
54520      17      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man1/hdp.1
49697      16      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man1/ncdump.1
 6453      28      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man1/ncgen.1
 2206       2      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man1/ristosds.1
51352       3      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/VSattrinfo.3
31142       3      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/VSfindattr.3
12691       2      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/VSfindex.3
27499       3      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/VSfnattrs.3
49956       3      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/VSgetattr.3
60512       2      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/VSisattr.3
 6616       2      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/VSnattrs.3
38416       5      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/VSsetattr.3
33274       3      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/Vattrinfo.3
 4082       2      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/Vfindattr.3
24089       3      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/Vgetattr.3
 6086       2
                          /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/Vgetve
                   rsion.3
60180       2      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/Vnattrs.3
  535       4      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/Vsetattr.3
55431       2      /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/grluttoref.3
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52417        5
                        /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/hxsetc
             reatedir.3
45197        4    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/hxsetdir.3
13649       20    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/mfan.3
41179       58    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/netcdf.3
61074       51    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/netcdf.3f
23435       17    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/sd_chunk.3
40236        3
                        /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/sdisdi
             mval_bwcomp.3
50539        3
                        /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/sdseta
             ccesstype.3
 7677        5
                        /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/sdsetd
             imval_comp.3
24535        9    /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/vsfpack.3
 6903        2
                        /CUSTOM/HDF/sgi64_debug/HDF4.1r1/man/man3/vssete
             xternalfile.3
33011        4    /CUSTOM/HDF/sgi_debug/HDF4.1r1/COPYING
 6040        7    /CUSTOM/HDF/sgi_debug/HDF4.1r1/README
19642        3    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/adler32.c
17390       23    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/array.c
61046       44    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/atom.c
36291       20    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/attr.c
26107       35    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/bitvect.c
27678       50    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/cdeflate.c
10348      118    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/cdf.c
31028       61    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/cnbit.c
31468       21    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/cnone.c
16121        4    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/compress.c
 1529       15    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/crc32.c
10090       53    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/crle.c
34670       55    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/cskphuff.c
47352       86    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/deflate.c
10733       36    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/df24.c
35912       30    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/df24f.c
  366       19    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/df24ff.f
37532      112    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfan.c
33058       38    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfanf.c
25795       30    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfanff.f
38542       30    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfcomp.c
61439       43    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfconv.c
43975       33    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dff.c
14531        7    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfff.f
44961      112    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfgr.c
37349       20    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfgroup.c
61519       80    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfimcomp.c
10134       24    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfjpeg.c
21173       55    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfkconv.c
  723      365    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfkcray.c
17900       47    /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfkfuji.c
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59757        21        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfknat.c
30721        30        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfkswap.c
46801        66        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfkvms.c
37587        36        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfp.c
64386        17        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfpf.c
24244        20        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfpff.f
49105       112        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfr8.c
18251        32        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfr8f.c
 8824        24        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfr8ff.f
41466        12        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfrle.c
19744       379        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfsd.c
45415       106        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfsdf.c
62114        43        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfsdff.f
19008        81        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfstubs.c
60037        49        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfufp2i.c
29692         9        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfufp2if.f
 3182        30        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfunjpeg.c
39415         6        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfutil.c
57241         6        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dfutilf.c
 4486        13        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dim.c
64914        24        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/dynarray.c
29966        10        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/error.c
 4503        38        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/file.c
54298        78        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/glist.c
59233         3        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/globdef.c
37844        31        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/gzio.c
41322        73        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/hbitio.c
31073       120        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/hblocks.c
11586       273        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/hchunks.c
64344        95        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/hcomp.c
45649        20        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/hdfalloc.c
  130        83        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/hdfsds.c
65144        22        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/herr.c
 8494         5        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/herrf.c
20957        99        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/hextelt.c
55028       278        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/hfile.c
23285       156        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/hfiledd.c
 6327        10        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/hfilef.c
 7267         7        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/hfileff.f
31212        22        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/hkit.c
33527         5        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/iarray.c
31164        25        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/infblock.c
62996        15        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/infcodes.c
49340        11        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/inffast.c
54316        18        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/inflate.c
60724        32        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/inftrees.c
20939         4        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/infutil.c
 7646       101        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jackets.c
27739        15        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jcapimin.c
47883        12        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jcapistd.c
40511        33        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jccoefct.c
58768        29        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jccolor.c
56630        25        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jcdctmgr.c
18790        50        /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jchuff.c
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 2802       5      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jcinit.c
26764      18      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jcmainct.c
 7256      33      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jcmarker.c
12188      38      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jcmaster.c
32629       6      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jcomapi.c
 3184      39      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jcparam.c
 9907      49      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jcphuff.c
40040      24      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jcprepct.c
51451      37      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jcsample.c
65064      26      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jctrans.c
 7408      25      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jdapimin.c
58754      19      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jdapistd.c
46409      10      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jdatadst.c
60119      15      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jdatasrc.c
55616      50      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jdcoefct.c
55799      24      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jdcolor.c
63997      17      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jddctmgr.c
35106      35      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jdhuff.c
17458      27      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jdinput.c
54911      40      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jdmainct.c
44800      61      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jdmarker.c
60322      39      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jdmaster.c
16227      28      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jdmerge.c
53777      39      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jdphuff.c
29662      19      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jdpostct.c
53565      32      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jdsample.c
19425       9      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jdtrans.c
50552      14      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jerror.c
15023      11      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jfdctflt.c
54062      15      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jfdctfst.c
20687      22      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jfdctint.c
48960      17      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jidctflt.c
22295      26      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jidctfst.c
43704      29      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jidctint.c
52901      27      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jidctred.c
11428      80      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jmemmgr.c
41328       6      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jmemnobs.c
 7131      62      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jquant1.c
46256      95      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jquant2.c
16893      11      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/jutils.c
49092      32      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/linklist.c
 1725      84      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/mcache.c
22888     156      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/mfan.c
 9175      33      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/mfanf.c
33067     399      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/mfgr.c
53345      55      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/mfgrf.c
31508      13      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/mfgrff.f
33637     276      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/mfsd.c
52758      81      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/mfsdf.c
58897      23      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/mfsdff.f
43582      23      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/mstdio.c
20824      57      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/nssdc.c
 4368     113      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/putget.c
 9519      12      /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/putgetg.c
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 9027       4       /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/sharray.c
34460       8       /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/string.c
38782      70       /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/tbbt.c
39939      83       /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/trees.c
31720       4       /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/uncompr.c
 2063      35       /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/var.c
58408      87       /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/vattr.c
35065      18       /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/vattrf.c
64944       8       /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/vattrff.f
35597      29       /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/vconv.c
48990      61       /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/vg.c
53857      68       /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/vgf.c
21480      41       /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/vgff.f
10353     136       /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/vgp.c
38967      16       /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/vhi.c
17015      74       /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/vio.c
17935      13       /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/vparse.c
29110      44       /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/vrw.c
 6885      60       /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/vsfld.c
53138      29       /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/xdrposix.c
54880      10       /CUSTOM/HDF/sgi_debug/HDF4.1r1/All/zutil.c
47095    2578       /CUSTOM/HDF/sgi_debug/HDF4.1r1/bin/fp2hdf
63574    2398       /CUSTOM/HDF/sgi_debug/HDF4.1r1/bin/hdf24to8
40341    1398       /CUSTOM/HDF/sgi_debug/HDF4.1r1/bin/hdf2jpeg
17267    2400       /CUSTOM/HDF/sgi_debug/HDF4.1r1/bin/hdf8to24
58621    2371       /CUSTOM/HDF/sgi_debug/HDF4.1r1/bin/hdfcomp
28898    2570       /CUSTOM/HDF/sgi_debug/HDF4.1r1/bin/hdfed
29447    1505       /CUSTOM/HDF/sgi_debug/HDF4.1r1/bin/hdfls
36554    1412       /CUSTOM/HDF/sgi_debug/HDF4.1r1/bin/hdfpack
 6704    1397       /CUSTOM/HDF/sgi_debug/HDF4.1r1/bin/hdftopal
23968    2318       /CUSTOM/HDF/sgi_debug/HDF4.1r1/bin/hdftor8
41878    1382       /CUSTOM/HDF/sgi_debug/HDF4.1r1/bin/hdfunpac
26494    3586       /CUSTOM/HDF/sgi_debug/HDF4.1r1/bin/hdp
 1128    1402       /CUSTOM/HDF/sgi_debug/HDF4.1r1/bin/jpeg2hdf
14854    1966       /CUSTOM/HDF/sgi_debug/HDF4.1r1/bin/ncdump
37477    2097       /CUSTOM/HDF/sgi_debug/HDF4.1r1/bin/ncgen
22692    1397       /CUSTOM/HDF/sgi_debug/HDF4.1r1/bin/paltohdf
46753    2307       /CUSTOM/HDF/sgi_debug/HDF4.1r1/bin/r8tohdf
23040    2505       /CUSTOM/HDF/sgi_debug/HDF4.1r1/bin/ristosds
26570    1398       /CUSTOM/HDF/sgi_debug/HDF4.1r1/bin/vcompat
28796    1425       /CUSTOM/HDF/sgi_debug/HDF4.1r1/bin/vmake
18010    1510       /CUSTOM/HDF/sgi_debug/HDF4.1r1/bin/vshow
27739      15       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jcapimin.c
47883      12       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jcapistd.c
40511      33       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jccoefct.c
58768      29       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jccolor.c
56630      25       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jcdctmgr.c
18790      50       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jchuff.c
 2802       5       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jcinit.c
26764      18       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jcmainct.c
 7256      33       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jcmarker.c
12188      38       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jcmaster.c
32629       6       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jcomapi.c
 3184      39       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jcparam.c
```

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 9907      49      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jcphuff.c
40040      24      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jcprepct.c
51451      37      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jcsample.c
65064      26      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jctrans.c
 7408      25      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jdapimin.c
58754      19      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jdapistd.c
46409      10      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jdatadst.c
60119      15      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jdatasrc.c
55616      50      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jdcoefct.c
55799      24      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jdcolor.c
63997      17      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jddctmgr.c
35106      35      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jdhuff.c
17458      27      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jdinput.c
54911      40      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jdmainct.c
44800      61      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jdmarker.c
60322      39      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jdmaster.c
16227      28      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jdmerge.c
53777      39      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jdphuff.c
29662      19      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jdpostct.c
53565      32      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jdsample.c
19425       9      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jdtrans.c
50552      14      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jerror.c
15023      11      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jfdctflt.c
54062      15      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jfdctfst.c
20687      22      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jfdctint.c
48960      17      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jidctflt.c
22295      26      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jidctfst.c
43704      29      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jidctint.c
52901      27      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jidctred.c
11428      80      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jmemmgr.c
41328       6      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jmemnobs.c
 7131      62      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jquant1.c
46256      95      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jquant2.c
16893      11      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/jpeg/jutils.c
61046      44      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/atom.c
26107      35      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/bitvect.c
27678      50      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/cdeflate.c
31028      61      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/cnbit.c
31468      21      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/cnone.c
10090      53      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/crle.c
34670      55      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/cskphuff.c
10733      36      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/df24.c
35912      30      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/df24f.c
  366      19      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/df24ff.f
37532     112      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfan.c
33058      38      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfanf.c
25795      30      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfanff.f
38542      30      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfcomp.c
61439      43      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfconv.c
43975      33      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dff.c
14531       7      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfff.f
44961     112      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfgr.c
37349      20      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfgroup.c
61519      80      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfimcomp.c
```

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10134       24       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfjpeg.c
21173       55       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfkconv.c
  723      365       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfkcray.c
17900       47       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfkfuji.c
59757       21       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfknat.c
30721       30       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfkswap.c
46801       66       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfkvms.c
37587       36       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfp.c
64386       17       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfpf.c
24244       20       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfpff.f
49105      112       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfr8.c
18251       32       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfr8f.c
 8824       24       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfr8ff.f
41466       12       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfrle.c
19744      379       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfsd.c
45415      106       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfsdf.c
62114       43       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfsdff.f
19008       81       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfstubs.c
60037       49       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfufp2i.c
29692        9       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfufp2if.f
 3182       30       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfunjpeg.c
39415        6       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfutil.c
57241        6       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dfutilf.c
64914       24       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/dynarray.c
54298       78       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/glist.c
41322       73       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/hbitio.c
31073      120       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/hblocks.c
11586      273       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/hchunks.c
64344       95       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/hcomp.c
45649       20       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/hdfalloc.c
65144       22       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/herr.c
 8494        5       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/herrf.c
20957       99       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/hextelt.c
55028      278       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/hfile.c
23285      156       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/hfiledd.c
 6327       10       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/hfilef.c
 7267        7       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/hfileff.f
31212       22       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/hkit.c
49092       32       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/linklist.c
 1725       84       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/mcache.c
22888      156       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/mfan.c
 9175       33       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/mfanf.c
33067      399       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/mfgr.c
53345       55       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/mfgrf.c
31508       13       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/mfgrff.f
43582       23       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/mstdio.c
38782       70       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/tbbt.c
58408       87       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/vattr.c
35065       18       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/vattrf.c
64944        8       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/vattrff.f
35597       29       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/vconv.c
48990       61       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/vg.c
53857       68       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/vgf.c
21480       41       /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/vgff.f
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10353    136      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/vgp.c
38967     16      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/vhi.c
17015     74      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/vio.c
17935     13      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/vparse.c
29110     44      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/vrw.c
 6885     60      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/src/vsfld.c
19642      3      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/zlib/adler32.c
16121      4      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/zlib/compress.c
 1529     15      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/zlib/crc32.c
47352     86      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/zlib/deflate.c
37844     31      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/zlib/gzio.c
31164     25      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/zlib/infblock.c
62996     15      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/zlib/infcodes.c
49340     11      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/zlib/inffast.c
54316     18      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/zlib/inflate.c
60724     32      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/zlib/inftrees.c
20939      4      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/zlib/infutil.c
39939     83      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/zlib/trees.c
31720      4      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/zlib/uncompr.c
54880     10      /CUSTOM/HDF/sgi_debug/HDF4.1r1/hdf/zlib/zutil.c
42011     20      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/atom.h
  885     47      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/bitvect.h
57241      8      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/cdeflate.h
33450      9      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/cnbit.h
10742      6      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/cnone.h
14945      8      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/crle.h
61014      8      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/cskphuff.h
42237     15      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/df.h
33984      5      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/dfan.h
57648     17      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/dffunc.f90
59450     17      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/dffunc.inc
27484      7      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/dfgr.h
44415     19      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/dfi.h
19997      7      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/dfrig.h
15189     10      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/dfsd.h
25604      5      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/dfstubs.h
49537      8      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/dfufp2i.h
11368     12      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/dynarray.h
34011      7      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/hbitio.h
30231     22      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/hchunks.h
 5745     11      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/hcomp.h
 5152      9      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/hcompi.h
45332     18      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/hconv.h
46502     33      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/hdf.f90
15624     10      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/hdf.h
48336     33      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/hdf.inc
43061      5      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/hdf2netcdf.h
18444     78      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/hdfi.h
43520     43      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/herr.h
34747     71      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/hfile.h
 5512     15      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/hkit.h
 1277     18      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/hlimits.h
28296     22      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/hntdefs.h
 4497    208      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/hproto.h
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21595      12      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/htags.h
33221       3      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/jconfig.h
62308      26      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/jerror.h
43682      25      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/jmorecfg.h
59456      87      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/jpeglib.h
56510      15      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/linklist.h
31018      33      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/local_nc.h
16037      31      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/mfan.h
52370      18      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/mfgr.h
40091      39      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/mfhdf.h
 9460       6      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/mstdio.h
42839       9      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/netcdf.f90
24596      30      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/netcdf.h
46865       9      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/netcdf.inc
 6519      33      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/tbbt.h
32434      25      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/vattr.h
22638      25      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/vg.h
17288      10      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/zconf.h
57396      71      /CUSTOM/HDF/sgi_debug/HDF4.1r1/include/zlib.h
38052    6079      /CUSTOM/HDF/sgi_debug/HDF4.1r1/lib/libdf.a
38839    2865      /CUSTOM/HDF/sgi_debug/HDF4.1r1/lib/libjpeg.a
16588    2033      /CUSTOM/HDF/sgi_debug/HDF4.1r1/lib/libmfhdf.a
 9388     387      /CUSTOM/HDF/sgi_debug/HDF4.1r1/lib/libz.a
51352       3      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/VSattrinfo.3
31142       3      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/VSfindattr.3
12691       2      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/VSfindex.3
27499       3      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/VSfnattrs.3
49956       3      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/VSgetattr.3
60512       2      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/VSisattr.3
 6616       2      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/VSnattrs.3
38416       5      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/VSsetattr.3
33274       3      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/Vattrinfo.3
 4082       2      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/Vfindattr.3
24089       3      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/Vgetattr.3
 6086       2      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/Vgetversion.3
60180       2      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/Vnattrs.3
  535       4      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/Vsetattr.3
55431       2      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/grluttoref.3
55629      15      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/hdf.1
10357       2      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/hdfls.1
 7069       2      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/hdfpack.1
37952       1      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/hdfunpac.1
54520      17      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/hdp.1
52417       5      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/hxsetcreatedir.3
45197       4      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/hxsetdir.3
13649      20      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/mfan.3
 2206       2      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/ristosds.1
23435      17      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/sd_chunk.3
40236       3      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/sdisdimval_bwcomp.3
50539       3      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/sdsetaccesstype.3
 7677       5      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/sdsetdimval_comp.3
53741       5      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/sdsetfillmode.3
24535       9      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/vsfpack.3
 6903       2      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/vssetexternalfile.3
```

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55629      15      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man1/hdf.1
10357       2      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man1/hdfls.1
 7069       2      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man1/hdfpack.1
37952       1      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man1/hdfunpac.1
54520      17      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man1/hdp.1
49697      16      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man1/ncdump.1
 6453      28      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man1/ncgen.1
 2206       2      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man1/ristosds.1
51352       3      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/VSattrinfo.3
31142       3      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/VSfindattr.3
12691       2      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/VSfindex.3
27499       3      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/VSfnattrs.3
49956       3      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/VSgetattr.3
60512       2      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/VSisattr.3
 6616       2      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/VSnattrs.3
38416       5      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/VSsetattr.3
33274       3      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/Vattrinfo.3
 4082       2      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/Vfindattr.3
24089       3      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/Vgetattr.3
 6086       2      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/Vgetversion.3
60180       2      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/Vnattrs.3
  535       4      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/Vsetattr.3
55431       2      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/grluttoref.3
52417       5
                      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/hxsetcre
                   atedir.3
45197       4      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/hxsetdir.3
13649      20      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/mfan.3
41179      58      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/netcdf.3
61074      51      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/netcdf.3f
23435      17      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/sd_chunk.3
40236       3
                      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/sdisdimv
                   al_bwcomp.3
50539       3
                      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/sdsetacc
                   esstype.3
 7677       5
                      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/sdsetdim
                   val_comp.3
24535       9      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/vsfpack.3
 6903       2
                      /CUSTOM/HDF/sgi_debug/HDF4.1r1/man/man3/vssetext
                   ernalfile.3
33011       4      /CUSTOM/HDF/sun5/HDF4.1r1/COPYING
 6040       7      /CUSTOM/HDF/sun5/HDF4.1r1/README
14861    1216      /CUSTOM/HDF/sun5/HDF4.1r1/bin/fp2hdf
48526    1099      /CUSTOM/HDF/sun5/HDF4.1r1/bin/hdf24to8
31786     692      /CUSTOM/HDF/sun5/HDF4.1r1/bin/hdf2jpeg
32751    1101      /CUSTOM/HDF/sun5/HDF4.1r1/bin/hdf8to24
44170    1086      /CUSTOM/HDF/sun5/HDF4.1r1/bin/hdfcomp
31794    2656      /CUSTOM/HDF/sun5/HDF4.1r1/bin/hdfed
19378     751      /CUSTOM/HDF/sun5/HDF4.1r1/bin/hdfls
23738     698      /CUSTOM/HDF/sun5/HDF4.1r1/bin/hdfpack
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31913     683     /CUSTOM/HDF/sun5/HDF4.1r1/bin/hdftopal
29112    1063     /CUSTOM/HDF/sun5/HDF4.1r1/bin/hdftor8
19082     675     /CUSTOM/HDF/sun5/HDF4.1r1/bin/hdfunpac
53323    3744     /CUSTOM/HDF/sun5/HDF4.1r1/bin/hdp
31282     691     /CUSTOM/HDF/sun5/HDF4.1r1/bin/jpeg2hdf
54125    2256     /CUSTOM/HDF/sun5/HDF4.1r1/bin/ncdump
32771    2352     /CUSTOM/HDF/sun5/HDF4.1r1/bin/ncgen
46798     683     /CUSTOM/HDF/sun5/HDF4.1r1/bin/paltohdf
62611    1055     /CUSTOM/HDF/sun5/HDF4.1r1/bin/r8tohdf
18874    1157     /CUSTOM/HDF/sun5/HDF4.1r1/bin/ristosds
59359     687     /CUSTOM/HDF/sun5/HDF4.1r1/bin/vcompat
33648     709     /CUSTOM/HDF/sun5/HDF4.1r1/bin/vmake
51613     761     /CUSTOM/HDF/sun5/HDF4.1r1/bin/vshow
42011      20     /CUSTOM/HDF/sun5/HDF4.1r1/include/atom.h
  885      47     /CUSTOM/HDF/sun5/HDF4.1r1/include/bitvect.h
57241       8     /CUSTOM/HDF/sun5/HDF4.1r1/include/cdeflate.h
33450       9     /CUSTOM/HDF/sun5/HDF4.1r1/include/cnbit.h
10742       6     /CUSTOM/HDF/sun5/HDF4.1r1/include/cnone.h
14945       8     /CUSTOM/HDF/sun5/HDF4.1r1/include/crle.h
61014       8     /CUSTOM/HDF/sun5/HDF4.1r1/include/cskphuff.h
42237      15     /CUSTOM/HDF/sun5/HDF4.1r1/include/df.h
33984       5     /CUSTOM/HDF/sun5/HDF4.1r1/include/dfan.h
57648      17     /CUSTOM/HDF/sun5/HDF4.1r1/include/dffunc.f90
59450      17     /CUSTOM/HDF/sun5/HDF4.1r1/include/dffunc.inc
27484       7     /CUSTOM/HDF/sun5/HDF4.1r1/include/dfgr.h
44415      19     /CUSTOM/HDF/sun5/HDF4.1r1/include/dfi.h
19997       7     /CUSTOM/HDF/sun5/HDF4.1r1/include/dfrig.h
15189      10     /CUSTOM/HDF/sun5/HDF4.1r1/include/dfsd.h
25604       5     /CUSTOM/HDF/sun5/HDF4.1r1/include/dfstubs.h
49537       8     /CUSTOM/HDF/sun5/HDF4.1r1/include/dfufp2i.h
11368      12     /CUSTOM/HDF/sun5/HDF4.1r1/include/dynarray.h
34011       7     /CUSTOM/HDF/sun5/HDF4.1r1/include/hbitio.h
30231      22     /CUSTOM/HDF/sun5/HDF4.1r1/include/hchunks.h
 5745      11     /CUSTOM/HDF/sun5/HDF4.1r1/include/hcomp.h
 5152       9     /CUSTOM/HDF/sun5/HDF4.1r1/include/hcompi.h
45332      18     /CUSTOM/HDF/sun5/HDF4.1r1/include/hconv.h
46502      33     /CUSTOM/HDF/sun5/HDF4.1r1/include/hdf.f90
15624      10     /CUSTOM/HDF/sun5/HDF4.1r1/include/hdf.h
48336      33     /CUSTOM/HDF/sun5/HDF4.1r1/include/hdf.inc
43061       5     /CUSTOM/HDF/sun5/HDF4.1r1/include/hdf2netcdf.h
18444      78     /CUSTOM/HDF/sun5/HDF4.1r1/include/hdfi.h
43520      43     /CUSTOM/HDF/sun5/HDF4.1r1/include/herr.h
34747      71     /CUSTOM/HDF/sun5/HDF4.1r1/include/hfile.h
 5512      15     /CUSTOM/HDF/sun5/HDF4.1r1/include/hkit.h
 1277      18     /CUSTOM/HDF/sun5/HDF4.1r1/include/hlimits.h
28296      22     /CUSTOM/HDF/sun5/HDF4.1r1/include/hntdefs.h
 4497     208     /CUSTOM/HDF/sun5/HDF4.1r1/include/hproto.h
21595      12     /CUSTOM/HDF/sun5/HDF4.1r1/include/htags.h
32890       3     /CUSTOM/HDF/sun5/HDF4.1r1/include/jconfig.h
62308      26     /CUSTOM/HDF/sun5/HDF4.1r1/include/jerror.h
43682      25     /CUSTOM/HDF/sun5/HDF4.1r1/include/jmorecfg.h
59456      87     /CUSTOM/HDF/sun5/HDF4.1r1/include/jpeglib.h
56510      15     /CUSTOM/HDF/sun5/HDF4.1r1/include/linklist.h
31018      33     /CUSTOM/HDF/sun5/HDF4.1r1/include/local_nc.h
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16037       31      /CUSTOM/HDF/sun5/HDF4.1r1/include/mfan.h
52370       18      /CUSTOM/HDF/sun5/HDF4.1r1/include/mfgr.h
40091       39      /CUSTOM/HDF/sun5/HDF4.1r1/include/mfhdf.h
 9460        6      /CUSTOM/HDF/sun5/HDF4.1r1/include/mstdio.h
42839        9      /CUSTOM/HDF/sun5/HDF4.1r1/include/netcdf.f90
24864       30      /CUSTOM/HDF/sun5/HDF4.1r1/include/netcdf.h
46865        9      /CUSTOM/HDF/sun5/HDF4.1r1/include/netcdf.inc
 6519       33      /CUSTOM/HDF/sun5/HDF4.1r1/include/tbbt.h
32434       25      /CUSTOM/HDF/sun5/HDF4.1r1/include/vattr.h
22638       25      /CUSTOM/HDF/sun5/HDF4.1r1/include/vg.h
17288       10      /CUSTOM/HDF/sun5/HDF4.1r1/include/zconf.h
57396       71      /CUSTOM/HDF/sun5/HDF4.1r1/include/zlib.h
20551     5228      /CUSTOM/HDF/sun5/HDF4.1r1/lib/libdf.a
32463     2302      /CUSTOM/HDF/sun5/HDF4.1r1/lib/libjpeg.a
10725     1665      /CUSTOM/HDF/sun5/HDF4.1r1/lib/libmfhdf.a
 2580      293      /CUSTOM/HDF/sun5/HDF4.1r1/lib/libz.a
51352        3      /CUSTOM/HDF/sun5/HDF4.1r1/man/VSattrinfo.3
31142        3      /CUSTOM/HDF/sun5/HDF4.1r1/man/VSfindattr.3
12691        2      /CUSTOM/HDF/sun5/HDF4.1r1/man/VSfindex.3
27499        3      /CUSTOM/HDF/sun5/HDF4.1r1/man/VSfnattrs.3
49956        3      /CUSTOM/HDF/sun5/HDF4.1r1/man/VSgetattr.3
60512        2      /CUSTOM/HDF/sun5/HDF4.1r1/man/VSisattr.3
 6616        2      /CUSTOM/HDF/sun5/HDF4.1r1/man/VSnattrs.3
38416        5      /CUSTOM/HDF/sun5/HDF4.1r1/man/VSsetattr.3
33274        3      /CUSTOM/HDF/sun5/HDF4.1r1/man/Vattrinfo.3
 4082        2      /CUSTOM/HDF/sun5/HDF4.1r1/man/Vfindattr.3
24089        3      /CUSTOM/HDF/sun5/HDF4.1r1/man/Vgetattr.3
 6086        2      /CUSTOM/HDF/sun5/HDF4.1r1/man/Vgetversion.3
60180        2      /CUSTOM/HDF/sun5/HDF4.1r1/man/Vnattrs.3
  535        4      /CUSTOM/HDF/sun5/HDF4.1r1/man/Vsetattr.3
55431        2      /CUSTOM/HDF/sun5/HDF4.1r1/man/grluttoref.3
55629       15      /CUSTOM/HDF/sun5/HDF4.1r1/man/hdf.1
10357        2      /CUSTOM/HDF/sun5/HDF4.1r1/man/hdfls.1
 7069        2      /CUSTOM/HDF/sun5/HDF4.1r1/man/hdfpack.1
37952        1      /CUSTOM/HDF/sun5/HDF4.1r1/man/hdfunpac.1
54520       17      /CUSTOM/HDF/sun5/HDF4.1r1/man/hdp.1
52417        5      /CUSTOM/HDF/sun5/HDF4.1r1/man/hxsetcreatedir.3
45197        4      /CUSTOM/HDF/sun5/HDF4.1r1/man/hxsetdir.3
13649       20      /CUSTOM/HDF/sun5/HDF4.1r1/man/mfan.3
 2206        2      /CUSTOM/HDF/sun5/HDF4.1r1/man/ristosds.1
23435       17      /CUSTOM/HDF/sun5/HDF4.1r1/man/sd_chunk.3
40236        3      /CUSTOM/HDF/sun5/HDF4.1r1/man/sdisdimval_bwcomp.3
50539        3      /CUSTOM/HDF/sun5/HDF4.1r1/man/sdsetaccesstype.3
 7677        5      /CUSTOM/HDF/sun5/HDF4.1r1/man/sdsetdimval_comp.3
53741        5      /CUSTOM/HDF/sun5/HDF4.1r1/man/sdsetfillmode.3
24535        9      /CUSTOM/HDF/sun5/HDF4.1r1/man/vsfpack.3
 6903        2      /CUSTOM/HDF/sun5/HDF4.1r1/man/vssetexternalfile.3
55629       15      /CUSTOM/HDF/sun5/HDF4.1r1/man/man1/hdf.1
10357        2      /CUSTOM/HDF/sun5/HDF4.1r1/man/man1/hdfls.1
 7069        2      /CUSTOM/HDF/sun5/HDF4.1r1/man/man1/hdfpack.1
37952        1      /CUSTOM/HDF/sun5/HDF4.1r1/man/man1/hdfunpac.1
54520       17      /CUSTOM/HDF/sun5/HDF4.1r1/man/man1/hdp.1
49697       16      /CUSTOM/HDF/sun5/HDF4.1r1/man/man1/ncdump.1
 6453       28      /CUSTOM/HDF/sun5/HDF4.1r1/man/man1/ncgen.1
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 2206      2     /CUSTOM/HDF/sun5/HDF4.1r1/man/man1/ristosds.1
51352      3     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/VSattrinfo.3
31142      3     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/VSfindattr.3
12691      2     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/VSfindex.3
27499      3     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/VSfnattrs.3
49956      3     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/VSgetattr.3
60512      2     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/VSisattr.3
 6616      2     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/VSnattrs.3
38416      5     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/VSsetattr.3
33274      3     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/Vattrinfo.3
 4082      2     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/Vfindattr.3
24089      3     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/Vgetattr.3
 6086      2     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/Vgetversion.3
60180      2     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/Vnattrs.3
  535      4     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/Vsetattr.3
55431      2     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/grluttoref.3
52417      5     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/hxsetcreatedir.3
45197      4     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/hxsetdir.3
13649     20     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/mfan.3
41179     58     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/netcdf.3
61074     51     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/netcdf.3f
23435     17     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/sd_chunk.3
40236      3     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/sdisdimval_bwcomp.3
50539      3     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/sdsetaccesstype.3
 7677      5     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/sdsetdimval_comp.3
24535      9     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/vsfpack.3
 6903      2     /CUSTOM/HDF/sun5/HDF4.1r1/man/man3/vssetexternalfile.3
21745     13     /CUSTOM/HDF/sun5/HDF4.1r1/release_notes/ABOUT_4.1r1
35509     12
                        /CUSTOM/HDF/sun5/HDF4.1r1/release_notes/Fortran_
                 APIs.txt
31482     17     /CUSTOM/HDF/sun5/HDF4.1r1/release_notes/bugs_fixed.txt
49719     18     /CUSTOM/HDF/sun5/HDF4.1r1/release_notes/compile.txt
14578      5
                        /CUSTOM/HDF/sun5/HDF4.1r1/release_notes/parallel
                 _CM5.txt
11364     29
                        /CUSTOM/HDF/sun5/HDF4.1r1/release_notes/sd_chunk
                 _examples.txt
28455     11     /CUSTOM/HDF/sun5/HDF4.1r1/release_notes/vattr.txt
41536     58     /CUSTOM/HDFEOS/hdfeos/bin/INSTALL-HDFEOS
33640     35     /CUSTOM/HDFEOS/hdfeos/bin/sgi/hdfeos_env.csh
 4637     30     /CUSTOM/HDFEOS/hdfeos/bin/sgi/hdfeos_env.ksh
33730     35     /CUSTOM/HDFEOS/hdfeos/bin/sgi32/hdfeos_env.csh
 4727     30     /CUSTOM/HDFEOS/hdfeos/bin/sgi32/hdfeos_env.ksh
33754     35     /CUSTOM/HDFEOS/hdfeos/bin/sgi32_debug/hdfeos_env.csh
 4751     30     /CUSTOM/HDFEOS/hdfeos/bin/sgi32_debug/hdfeos_env.ksh
33635     35     /CUSTOM/HDFEOS/hdfeos/bin/sgi64/hdfeos_env.csh
 4632     30     /CUSTOM/HDFEOS/hdfeos/bin/sgi64/hdfeos_env.ksh
33659     35     /CUSTOM/HDFEOS/hdfeos/bin/sgi64_debug/hdfeos_env.csh
 4656     30     /CUSTOM/HDFEOS/hdfeos/bin/sgi64_debug/hdfeos_env.ksh
33664     35     /CUSTOM/HDFEOS/hdfeos/bin/sgi_debug/hdfeos_env.csh
 4661     30     /CUSTOM/HDFEOS/hdfeos/bin/sgi_debug/hdfeos_env.ksh
18720     35     /CUSTOM/HDFEOS/hdfeos/bin/tmp/hdfeos_env.csh.tmp
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58336       30      /CUSTOM/HDFEOS/hdfeos/bin/tmp/hdfeos_env.ksh.tmp
52501       18      /CUSTOM/HDFEOS/hdfeos/doc/HDFEOS-DEFINITION.TXT
51221       35      /CUSTOM/HDFEOS/hdfeos/doc/README
62090       20      /CUSTOM/HDFEOS/hdfeos/include/HdfEosDef.h
13130      162      /CUSTOM/HDFEOS/hdfeos/include/cfortHdf.h
50113        2      /CUSTOM/HDFEOS/hdfeos/include/cproj.h
 6993        7      /CUSTOM/HDFEOS/hdfeos/include/isin.h
17970        4      /CUSTOM/HDFEOS/hdfeos/include/proj.h
34146      965      /CUSTOM/HDFEOS/hdfeos/lib/sgi/libGctp.a
43407      907      /CUSTOM/HDFEOS/hdfeos/lib/sgi/libhdfeos.a
15252      883      /CUSTOM/HDFEOS/hdfeos/lib/sgi32/libGctp.a
50622     1013      /CUSTOM/HDFEOS/hdfeos/lib/sgi32/libhdfeos.a
18226     1076      /CUSTOM/HDFEOS/hdfeos/lib/sgi32_debug/libGctp.a
51801     1262      /CUSTOM/HDFEOS/hdfeos/lib/sgi32_debug/libhdfeos.a
25550     1159      /CUSTOM/HDFEOS/hdfeos/lib/sgi6/libGctp.a
15792     1301      /CUSTOM/HDFEOS/hdfeos/lib/sgi6/libhdfeos.a
25550     1159      /CUSTOM/HDFEOS/hdfeos/lib/sgi64/libGctp.a
15792     1301      /CUSTOM/HDFEOS/hdfeos/lib/sgi64/libhdfeos.a
13334     1409      /CUSTOM/HDFEOS/hdfeos/lib/sgi64_debug/libGctp.a
 7880     1582      /CUSTOM/HDFEOS/hdfeos/lib/sgi64_debug/libhdfeos.a
15252      883      /CUSTOM/HDFEOS/hdfeos/lib/sgi6n32/libGctp.a
50622     1013      /CUSTOM/HDFEOS/hdfeos/lib/sgi6n32/libhdfeos.a
35042     3282      /CUSTOM/HDFEOS/hdfeos/lib/sgi_debug/libGctp.a
10424     1364      /CUSTOM/HDFEOS/hdfeos/lib/sgi_debug/libhdfeos.a
39743      807      /CUSTOM/HDFEOS/hdfeos/lib/tmp/geolibDEC.a
30028      446      /CUSTOM/HDFEOS/hdfeos/lib/tmp/geolibHP.a
17854      552      /CUSTOM/HDFEOS/hdfeos/lib/tmp/geolibIBM.a
37178     1167      /CUSTOM/HDFEOS/hdfeos/lib/tmp/geolibIRIX53.a
65056      784      /CUSTOM/HDFEOS/hdfeos/lib/tmp/geolibIRIX62-32.a
58057     1168      /CUSTOM/HDFEOS/hdfeos/lib/tmp/geolibIRIX62-64.a
 2937     1180      /CUSTOM/HDFEOS/hdfeos/lib/tmp/geolibIRIX62-64mips3.a
49740      893      /CUSTOM/HDFEOS/hdfeos/lib/tmp/geolibIRIX62-n32.a
36025      656      /CUSTOM/HDFEOS/hdfeos/lib/tmp/geolibSOL24.a
60042      449      /CUSTOM/HDFEOS/hdfeos/lib/tmp/geolibSUN4.a
48375      160      /CUSTOM/HDFEOS/hdfeos/src/.cmake.state
23914      255      /CUSTOM/HDFEOS/hdfeos/src/EHapi.c
52105      774      /CUSTOM/HDFEOS/hdfeos/src/GDapi.c
31115        5      /CUSTOM/HDFEOS/hdfeos/src/Makefile
41545        3      /CUSTOM/HDFEOS/hdfeos/src/Makefile_CM
44753        4      /CUSTOM/HDFEOS/hdfeos/src/Makefile_alt
62855      452      /CUSTOM/HDFEOS/hdfeos/src/PTapi.c
56628      736      /CUSTOM/HDFEOS/hdfeos/src/SWapi.c
64346        2      /CUSTOM/HDFEOS/hdfeos/src/make_IT/makeDEC4.0r1
60627        2      /CUSTOM/HDFEOS/hdfeos/src/make_IT/makeHP4.0r1
61311        2      /CUSTOM/HDFEOS/hdfeos/src/make_IT/makeIBM4.0r1
60711        2      /CUSTOM/HDFEOS/hdfeos/src/make_IT/makeSGI4.0r1
62510        2      /CUSTOM/HDFEOS/hdfeos/src/make_IT/makeSUN4.0r1
63456        7      /CUSTOM/HDFEOS/hdfeos/src/make_IT/makeinc
62226       67      /CUSTOM/TOOLKIT/toolkit/bin/dec/INSTALL
 5905       23      /CUSTOM/TOOLKIT/toolkit/bin/dec/INSTALL-AAdata
63843       55      /CUSTOM/TOOLKIT/toolkit/bin/dec/INSTALL-HDF
39182       30      /CUSTOM/TOOLKIT/toolkit/bin/dec/INSTALL-HDF4.0r1p1
42851       30      /CUSTOM/TOOLKIT/toolkit/bin/dec/INSTALL-HDF4.0r2
49813       35      /CUSTOM/TOOLKIT/toolkit/bin/dec/INSTALL-HDF4.1r1
```

```
47235      29     /CUSTOM/TOOLKIT/toolkit/bin/dec/INSTALL-HDFEOS-Wrap
 7611     152     /CUSTOM/TOOLKIT/toolkit/bin/dec/INSTALL-Toolkit
55044       3     /CUSTOM/TOOLKIT/toolkit/bin/dec/ftp.csh
 1709      16     /CUSTOM/TOOLKIT/toolkit/bin/dec/mkpgslib
57735      34     /CUSTOM/TOOLKIT/toolkit/bin/dec/mkpgstar
19853      40     /CUSTOM/TOOLKIT/toolkit/bin/dec/pgs-dev-env.csh
23943      36     /CUSTOM/TOOLKIT/toolkit/bin/dec/pgs-dev-env.ksh
30662       8     /CUSTOM/TOOLKIT/toolkit/bin/dec/pgs-env.csh
55800       7     /CUSTOM/TOOLKIT/toolkit/bin/dec/pgs-env.ksh
43688       4     /CUSTOM/TOOLKIT/toolkit/bin/dec/pgs-flags
30887     108     /CUSTOM/TOOLKIT/toolkit/bin/dec/tmp/jackets.c.unicos
10725      50     /CUSTOM/TOOLKIT/toolkit/bin/dec/tmp/pgs-dev-
                  env.csh.cpp.tmp
52529      39     /CUSTOM/TOOLKIT/toolkit/bin/dec/tmp/pgs-dev-
                  env.csh.daac.tmp
35971      39     /CUSTOM/TOOLKIT/toolkit/bin/dec/tmp/pgs-dev-
                  env.csh.tmp
39420      43     /CUSTOM/TOOLKIT/toolkit/bin/dec/tmp/pgs-dev-
                  env.ksh.cpp.tmp
45005      35     /CUSTOM/TOOLKIT/toolkit/bin/dec/tmp/pgs-dev-
                  env.ksh.daac.tmp
28409      35     /CUSTOM/TOOLKIT/toolkit/bin/dec/tmp/pgs-dev-
                  env.ksh.tmp
25436       8     /CUSTOM/TOOLKIT/toolkit/bin/dec/tmp/pgs-
                  env.csh.cpp.tmp
18340       8     /CUSTOM/TOOLKIT/toolkit/bin/dec/tmp/pgs-
                  env.csh.daac.tmp
 9068       7     /CUSTOM/TOOLKIT/toolkit/bin/dec/tmp/pgs-env.csh.tmp
51244       7     /CUSTOM/TOOLKIT/toolkit/bin/dec/tmp/pgs-
                  env.ksh.cpp.tmp
44594       7     /CUSTOM/TOOLKIT/toolkit/bin/dec/tmp/pgs-
                  env.ksh.daac.tmp
35284       7     /CUSTOM/TOOLKIT/toolkit/bin/dec/tmp/pgs-env.ksh.tmp
62226      67     /CUSTOM/TOOLKIT/toolkit/bin/hp/INSTALL
 5905      23     /CUSTOM/TOOLKIT/toolkit/bin/hp/INSTALL-AAdata
63843      55     /CUSTOM/TOOLKIT/toolkit/bin/hp/INSTALL-HDF
39182      30     /CUSTOM/TOOLKIT/toolkit/bin/hp/INSTALL-HDF4.0r1p1
42851      30     /CUSTOM/TOOLKIT/toolkit/bin/hp/INSTALL-HDF4.0r2
49813      35     /CUSTOM/TOOLKIT/toolkit/bin/hp/INSTALL-HDF4.1r1
47235      29     /CUSTOM/TOOLKIT/toolkit/bin/hp/INSTALL-HDFEOS-Wrap
 7611     152     /CUSTOM/TOOLKIT/toolkit/bin/hp/INSTALL-Toolkit
55044       3     /CUSTOM/TOOLKIT/toolkit/bin/hp/ftp.csh
 1709      16     /CUSTOM/TOOLKIT/toolkit/bin/hp/mkpgslib
57735      34     /CUSTOM/TOOLKIT/toolkit/bin/hp/mkpgstar
19853      40     /CUSTOM/TOOLKIT/toolkit/bin/hp/pgs-dev-env.csh
23943      36     /CUSTOM/TOOLKIT/toolkit/bin/hp/pgs-dev-env.ksh
30662       8     /CUSTOM/TOOLKIT/toolkit/bin/hp/pgs-env.csh
55800       7     /CUSTOM/TOOLKIT/toolkit/bin/hp/pgs-env.ksh
43688       4     /CUSTOM/TOOLKIT/toolkit/bin/hp/pgs-flags
30887     108     /CUSTOM/TOOLKIT/toolkit/bin/hp/tmp/jackets.c.unicos
10725      50     /CUSTOM/TOOLKIT/toolkit/bin/hp/tmp/pgs-dev-
                  env.csh.cpp.tmp
52529      39     /CUSTOM/TOOLKIT/toolkit/bin/hp/tmp/pgs-dev-
                  env.csh.daac.tmp
```

```
35971     39    /CUSTOM/TOOLKIT/toolkit/bin/hp/tmp/pgs-dev-env.csh.tmp
39420     43    /CUSTOM/TOOLKIT/toolkit/bin/hp/tmp/pgs-dev-
                 env.ksh.cpp.tmp
45005     35    /CUSTOM/TOOLKIT/toolkit/bin/hp/tmp/pgs-dev-
                 env.ksh.daac.tmp
28409     35    /CUSTOM/TOOLKIT/toolkit/bin/hp/tmp/pgs-dev-env.ksh.tmp
25436      8    /CUSTOM/TOOLKIT/toolkit/bin/hp/tmp/pgs-env.csh.cpp.tmp
18340      8    /CUSTOM/TOOLKIT/toolkit/bin/hp/tmp/pgs-
                 env.csh.daac.tmp
 9068      7    /CUSTOM/TOOLKIT/toolkit/bin/hp/tmp/pgs-env.csh.tmp
51244      7    /CUSTOM/TOOLKIT/toolkit/bin/hp/tmp/pgs-env.ksh.cpp.tmp
44594      7    /CUSTOM/TOOLKIT/toolkit/bin/hp/tmp/pgs-
                 env.ksh.daac.tmp
35284      7    /CUSTOM/TOOLKIT/toolkit/bin/hp/tmp/pgs-env.ksh.tmp
62226     67    /CUSTOM/TOOLKIT/toolkit/bin/hp10/INSTALL
 5905     23    /CUSTOM/TOOLKIT/toolkit/bin/hp10/INSTALL-AAdata
63843     55    /CUSTOM/TOOLKIT/toolkit/bin/hp10/INSTALL-HDF
39182     30    /CUSTOM/TOOLKIT/toolkit/bin/hp10/INSTALL-HDF4.0r1p1
42851     30    /CUSTOM/TOOLKIT/toolkit/bin/hp10/INSTALL-HDF4.0r2
49813     35    /CUSTOM/TOOLKIT/toolkit/bin/hp10/INSTALL-HDF4.1r1
47235     29    /CUSTOM/TOOLKIT/toolkit/bin/hp10/INSTALL-HDFEOS-Wrap
 7611    152    /CUSTOM/TOOLKIT/toolkit/bin/hp10/INSTALL-Toolkit
55044      3    /CUSTOM/TOOLKIT/toolkit/bin/hp10/ftp.csh
 1709     16    /CUSTOM/TOOLKIT/toolkit/bin/hp10/mkpgslib
57735     34    /CUSTOM/TOOLKIT/toolkit/bin/hp10/mkpgstar
19853     40    /CUSTOM/TOOLKIT/toolkit/bin/hp10/pgs-dev-env.csh
23943     36    /CUSTOM/TOOLKIT/toolkit/bin/hp10/pgs-dev-env.ksh
30662      8    /CUSTOM/TOOLKIT/toolkit/bin/hp10/pgs-env.csh
55800      7    /CUSTOM/TOOLKIT/toolkit/bin/hp10/pgs-env.ksh
43688      4    /CUSTOM/TOOLKIT/toolkit/bin/hp10/pgs-flags
30887    108    /CUSTOM/TOOLKIT/toolkit/bin/hp10/tmp/jackets.c.unicos
10725     50    /CUSTOM/TOOLKIT/toolkit/bin/hp10/tmp/pgs-dev-
                 env.csh.cpp.tmp
52529     39    /CUSTOM/TOOLKIT/toolkit/bin/hp10/tmp/pgs-dev-
                 env.csh.daac.tmp
35971     39    /CUSTOM/TOOLKIT/toolkit/bin/hp10/tmp/pgs-dev-
                 env.csh.tmp
39420     43    /CUSTOM/TOOLKIT/toolkit/bin/hp10/tmp/pgs-dev-
                 env.ksh.cpp.tmp
45005     35    /CUSTOM/TOOLKIT/toolkit/bin/hp10/tmp/pgs-dev-
                 env.ksh.daac.tmp
28409     35    /CUSTOM/TOOLKIT/toolkit/bin/hp10/tmp/pgs-dev-
                 env.ksh.tmp
25436      8    /CUSTOM/TOOLKIT/toolkit/bin/hp10/tmp/pgs-
                 env.csh.cpp.tmp
18340      8    /CUSTOM/TOOLKIT/toolkit/bin/hp10/tmp/pgs-
                 env.csh.daac.tmp
 9068      7    /CUSTOM/TOOLKIT/toolkit/bin/hp10/tmp/pgs-env.csh.tmp
51244      7    /CUSTOM/TOOLKIT/toolkit/bin/hp10/tmp/pgs-
                 env.ksh.cpp.tmp
44594      7    /CUSTOM/TOOLKIT/toolkit/bin/hp10/tmp/pgs-
                 env.ksh.daac.tmp
35284      7    /CUSTOM/TOOLKIT/toolkit/bin/hp10/tmp/pgs-env.ksh.tmp
62226     67    /CUSTOM/TOOLKIT/toolkit/bin/ibm/INSTALL
```

```
 5905      23     /CUSTOM/TOOLKIT/toolkit/bin/ibm/INSTALL-AAdata
63843      55     /CUSTOM/TOOLKIT/toolkit/bin/ibm/INSTALL-HDF
39182      30     /CUSTOM/TOOLKIT/toolkit/bin/ibm/INSTALL-HDF4.0r1p1
42851      30     /CUSTOM/TOOLKIT/toolkit/bin/ibm/INSTALL-HDF4.0r2
49813      35     /CUSTOM/TOOLKIT/toolkit/bin/ibm/INSTALL-HDF4.1r1
47235      29     /CUSTOM/TOOLKIT/toolkit/bin/ibm/INSTALL-HDFEOS-Wrap
 7611     152     /CUSTOM/TOOLKIT/toolkit/bin/ibm/INSTALL-Toolkit
55044       3     /CUSTOM/TOOLKIT/toolkit/bin/ibm/ftp.csh
 1709      16     /CUSTOM/TOOLKIT/toolkit/bin/ibm/mkpgslib
57735      34     /CUSTOM/TOOLKIT/toolkit/bin/ibm/mkpgstar
19853      40     /CUSTOM/TOOLKIT/toolkit/bin/ibm/pgs-dev-env.csh
23943      36     /CUSTOM/TOOLKIT/toolkit/bin/ibm/pgs-dev-env.ksh
30662       8     /CUSTOM/TOOLKIT/toolkit/bin/ibm/pgs-env.csh
55800       7     /CUSTOM/TOOLKIT/toolkit/bin/ibm/pgs-env.ksh
43688       4     /CUSTOM/TOOLKIT/toolkit/bin/ibm/pgs-flags
30887     108     /CUSTOM/TOOLKIT/toolkit/bin/ibm/tmp/jackets.c.unicos
10725      50     /CUSTOM/TOOLKIT/toolkit/bin/ibm/tmp/pgs-dev-
                  env.csh.cpp.tmp
52529      39     /CUSTOM/TOOLKIT/toolkit/bin/ibm/tmp/pgs-dev-
                  env.csh.daac.tmp
35971      39     /CUSTOM/TOOLKIT/toolkit/bin/ibm/tmp/pgs-dev-
                  env.csh.tmp
39420      43     /CUSTOM/TOOLKIT/toolkit/bin/ibm/tmp/pgs-dev-
                  env.ksh.cpp.tmp
45005      35     /CUSTOM/TOOLKIT/toolkit/bin/ibm/tmp/pgs-dev-
                  env.ksh.daac.tmp
28409      35     /CUSTOM/TOOLKIT/toolkit/bin/ibm/tmp/pgs-dev-
                  env.ksh.tmp
25436       8     /CUSTOM/TOOLKIT/toolkit/bin/ibm/tmp/pgs-
                  env.csh.cpp.tmp
18340       8     /CUSTOM/TOOLKIT/toolkit/bin/ibm/tmp/pgs-
                  env.csh.daac.tmp
 9068       7     /CUSTOM/TOOLKIT/toolkit/bin/ibm/tmp/pgs-env.csh.tmp
51244       7     /CUSTOM/TOOLKIT/toolkit/bin/ibm/tmp/pgs-
                  env.ksh.cpp.tmp
44594       7     /CUSTOM/TOOLKIT/toolkit/bin/ibm/tmp/pgs-
                  env.ksh.daac.tmp
35284       7     /CUSTOM/TOOLKIT/toolkit/bin/ibm/tmp/pgs-env.ksh.tmp
62226      67     /CUSTOM/TOOLKIT/toolkit/bin/sgi/INSTALL
 5905      23     /CUSTOM/TOOLKIT/toolkit/bin/sgi/INSTALL-AAdata
63843      55     /CUSTOM/TOOLKIT/toolkit/bin/sgi/INSTALL-HDF
39182      30     /CUSTOM/TOOLKIT/toolkit/bin/sgi/INSTALL-HDF4.0r1p1
42851      30     /CUSTOM/TOOLKIT/toolkit/bin/sgi/INSTALL-HDF4.0r2
49813      35     /CUSTOM/TOOLKIT/toolkit/bin/sgi/INSTALL-HDF4.1r1
47235      29     /CUSTOM/TOOLKIT/toolkit/bin/sgi/INSTALL-HDFEOS-Wrap
 7611     152     /CUSTOM/TOOLKIT/toolkit/bin/sgi/INSTALL-Toolkit
55044       3     /CUSTOM/TOOLKIT/toolkit/bin/sgi/ftp.csh
27781      35     /CUSTOM/TOOLKIT/toolkit/bin/sgi/mkpgscpptar
 1709      16     /CUSTOM/TOOLKIT/toolkit/bin/sgi/mkpgslib
10402      16     /CUSTOM/TOOLKIT/toolkit/bin/sgi/mkpgslib.cpp
57735      34     /CUSTOM/TOOLKIT/toolkit/bin/sgi/mkpgstar
19853      40     /CUSTOM/TOOLKIT/toolkit/bin/sgi/pgs-dev-env.csh
13005      48     /CUSTOM/TOOLKIT/toolkit/bin/sgi/pgs-dev-env.csh.cpp
23943      36     /CUSTOM/TOOLKIT/toolkit/bin/sgi/pgs-dev-env.ksh
```

```
61569      43      /CUSTOM/TOOLKIT/toolkit/bin/sgi/pgs-dev-env.ksh.cpp
30662       8      /CUSTOM/TOOLKIT/toolkit/bin/sgi/pgs-env.csh
50690       8      /CUSTOM/TOOLKIT/toolkit/bin/sgi/pgs-env.csh.cpp
55800       7      /CUSTOM/TOOLKIT/toolkit/bin/sgi/pgs-env.ksh
 9066       7      /CUSTOM/TOOLKIT/toolkit/bin/sgi/pgs-env.ksh.cpp
43688       4      /CUSTOM/TOOLKIT/toolkit/bin/sgi/pgs-flags
62866       5      /CUSTOM/TOOLKIT/toolkit/bin/sgi/pgs-flags-cpp
30887     108      /CUSTOM/TOOLKIT/toolkit/bin/sgi/tmp/jackets.c.unicos
10725      50      /CUSTOM/TOOLKIT/toolkit/bin/sgi/tmp/pgs-dev-
                   env.csh.cpp.tmp
52529      39      /CUSTOM/TOOLKIT/toolkit/bin/sgi/tmp/pgs-dev-
                   env.csh.daac.tmp
35971      39      /CUSTOM/TOOLKIT/toolkit/bin/sgi/tmp/pgs-dev-
                   env.csh.tmp
39420      43      /CUSTOM/TOOLKIT/toolkit/bin/sgi/tmp/pgs-dev-
                   env.ksh.cpp.tmp
45005      35      /CUSTOM/TOOLKIT/toolkit/bin/sgi/tmp/pgs-dev-
                   env.ksh.daac.tmp
28409      35      /CUSTOM/TOOLKIT/toolkit/bin/sgi/tmp/pgs-dev-
                   env.ksh.tmp
25436       8      /CUSTOM/TOOLKIT/toolkit/bin/sgi/tmp/pgs-
                   env.csh.cpp.tmp
18340       8      /CUSTOM/TOOLKIT/toolkit/bin/sgi/tmp/pgs-
                   env.csh.daac.tmp
 9068       7      /CUSTOM/TOOLKIT/toolkit/bin/sgi/tmp/pgs-env.csh.tmp
51244       7      /CUSTOM/TOOLKIT/toolkit/bin/sgi/tmp/pgs-
                   env.ksh.cpp.tmp
44594       7      /CUSTOM/TOOLKIT/toolkit/bin/sgi/tmp/pgs-
                   env.ksh.daac.tmp
35284       7      /CUSTOM/TOOLKIT/toolkit/bin/sgi/tmp/pgs-env.ksh.tmp
62226      67      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/INSTALL
 5905      23      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/INSTALL-AAdata
63843      55      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/INSTALL-HDF
39182      30      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/INSTALL-HDF4.0r1p1
42851      30      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/INSTALL-HDF4.0r2
49813      35      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/INSTALL-HDF4.1r1
47235      29      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/INSTALL-HDFEOS-Wrap
 7611     152      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/INSTALL-Toolkit
55044       3      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/ftp.csh
27781      35      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/mkpgscpptar
 1709      16      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/mkpgslib
10402      16      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/mkpgslib.cpp
57735      34      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/mkpgstar
20278      40      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/pgs-dev-env.csh
21004      48      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/pgs-dev-env.csh.cpp
16772      36      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/pgs-dev-env.ksh
29063      42      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/pgs-dev-env.ksh.cpp
30465       8      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/pgs-env.csh
50690       8      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/pgs-env.csh.cpp
55892       7      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/pgs-env.ksh
 9066       7      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/pgs-env.ksh.cpp
43688       4      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/pgs-flags
62866       5      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/pgs-flags-cpp
30887     108      /CUSTOM/TOOLKIT/toolkit/bin/sgi32/tmp/jackets.c.unicos
```

```
10725        50    /CUSTOM/TOOLKIT/toolkit/bin/sgi32/tmp/pgs-dev-
                   env.csh.cpp.tmp
52529        39    /CUSTOM/TOOLKIT/toolkit/bin/sgi32/tmp/pgs-dev-
                   env.csh.daac.tmp
35971        39    /CUSTOM/TOOLKIT/toolkit/bin/sgi32/tmp/pgs-dev-
                   env.csh.tmp
39420        43    /CUSTOM/TOOLKIT/toolkit/bin/sgi32/tmp/pgs-dev-
                   env.ksh.cpp.tmp
45005        35    /CUSTOM/TOOLKIT/toolkit/bin/sgi32/tmp/pgs-dev-
                   env.ksh.daac.tmp
28409        35    /CUSTOM/TOOLKIT/toolkit/bin/sgi32/tmp/pgs-dev-
                   env.ksh.tmp
25436         8    /CUSTOM/TOOLKIT/toolkit/bin/sgi32/tmp/pgs-
                   env.csh.cpp.tmp
18340         8    /CUSTOM/TOOLKIT/toolkit/bin/sgi32/tmp/pgs-
                   env.csh.daac.tmp
 9068         7    /CUSTOM/TOOLKIT/toolkit/bin/sgi32/tmp/pgs-env.csh.tmp
51244         7    /CUSTOM/TOOLKIT/toolkit/bin/sgi32/tmp/pgs-
                   env.ksh.cpp.tmp
44594         7    /CUSTOM/TOOLKIT/toolkit/bin/sgi32/tmp/pgs-
                   env.ksh.daac.tmp
35284         7    /CUSTOM/TOOLKIT/toolkit/bin/sgi32/tmp/pgs-env.ksh.tmp
64373       439    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/L0sim
30223       350
                        /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/PGS_C
                   SC_UT1_update
 3886       286
                        /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/PGS_P
                   C_GetConfigDataCom
18363       290
                        /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/PGS_P
                   C_GetFileAttrCom
36082       288
                        /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/PGS_P
                   C_GetFileSizeCom
31053       288
                        /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/PGS_P
                   C_GetNumberOfFilesCom
64208       286
                        /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/PGS_P
                   C_GetReferenceCom
 1914       333
                        /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/PGS_P
                   C_GetTempReferenceCom
63539       298
                        /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/PGS_P
                   C_InitCom
18980        34
                        /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/PGS_P
                   C_Shell.sh
17627       327
                        /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/PGS_P
                   C_TempDeleteCom
```

```
63480     386
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/PGS_P
          C_TermCom
51574     348
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/PGS_T
          D_NewLeap
51185     350     /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/chkeph
 1709      16     /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/mkpgslib
15124     529     /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/orbsim
46500      21     /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/pccheck.sh
14208      47     /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/pctcheck
43647      39     /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/pgs-dev-
          env.csh
31909      35     /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/pgs-dev-
          env.ksh
16813       8     /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/pgs-env.csh
41273       7     /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/pgs-env.ksh
61380     119     /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/smfcompile
 5354      23
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/updat
          e_leapsec.sh
 6497      27
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/updat
          e_leapsec_CC.sh
23611      28
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/updat
          e_utcpole.sh
45602      32
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f77/updat
          e_utcpole_CC.sh
63751     439     /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/L0sim
29761     350
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/PGS_C
          SC_UT1_update
 3564     286
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/PGS_P
          C_GetConfigDataCom
18021     290
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/PGS_P
          C_GetFileAttrCom
35750     288
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/PGS_P
          C_GetFileSizeCom
30721     288
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/PGS_P
          C_GetNumberOfFilesCom
63886     286
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/PGS_P
          C_GetReferenceCom
 1462     333
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/PGS_P
          C_GetTempReferenceCom
```

```
63227    298
                 /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/PGS_P
        C_InitCom
18980     34
                 /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/PGS_P
        C_Shell.sh
17185    327
                 /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/PGS_P
        C_TempDeleteCom
62968    386
                 /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/PGS_P
        C_TermCom
51122    348
                 /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/PGS_T
        D_NewLeap
50713    350    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/chkeph
 1709     16    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/mkpgslib
14392    529    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/orbsim
46500     21    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/pccheck.sh
14198     47    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/pctcheck
44937     39    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/pgs-dev-
        env.csh
33199     35    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/pgs-dev-
        env.ksh
16808      8    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/pgs-env.csh
41268      7    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/pgs-env.ksh
61383    119    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/smfcompile
 5354     23
                 /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/updat
        e_leapsec.sh
 6497     27
                 /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/updat
        e_leapsec_CC.sh
23611     28
                 /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/updat
        e_utcpole.sh
45602     32
                 /CUSTOM/TOOLKIT/toolkit/bin/sgi32_daac_f90/updat
        e_utcpole_CC.sh
53648    446    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/L0sim
11978    349
                 /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/PGS_CS
        C_UT1_update
61512    285
                 /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/PGS_PC
        _GetConfigDataCom
 7167    290
                 /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/PGS_PC
        _GetFileAttrCom
20622    287
                 /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/PGS_PC
        _GetFileSizeCom
```

```
26251    287
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/PGS_PC
         _GetNumberOfFilesCom
64404    285
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/PGS_PC
         _GetReferenceCom
49198    332
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/PGS_PC
         _GetTempReferenceCom
59443    298
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/PGS_PC
         _InitCom
18980     34
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/PGS_PC
         _Shell.sh
 7956    326
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/PGS_PC
         _TempDeleteCom
39347    384
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/PGS_PC
         _TermCom
31540    347
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/PGS_TD
         _NewLeap
17949    349    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/chkeph
 1709     16    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/mkpgslib
47535    527    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/orbsim
46500     21    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/pccheck.sh
13517     47    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/pctcheck
43569     39    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/pgs-dev-
         env.csh
31831     35    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/pgs-dev-
         env.ksh
16736      8    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/pgs-env.csh
41196      7    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/pgs-env.ksh
60097    119    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/smfcompile
 5354     23
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/update
         _leapsec.sh
 6497     27
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/update
         _leapsec_CC.sh
23611     28
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/update
         _utcpole.sh
45602     32
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f77/update
         _utcpole_CC.sh
52991    446    /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/L0sim
11481    349
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/PGS_CS
         C_UT1_update
```

```
61155    285
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/PGS_PC
         _GetConfigDataCom
 6790    290
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/PGS_PC
         _GetFileAttrCom
20255    287
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/PGS_PC
         _GetFileSizeCom
25884    287
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/PGS_PC
         _GetNumberOfFilesCom
64047    285
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/PGS_PC
         _GetReferenceCom
48711    332
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/PGS_PC
         _GetTempReferenceCom
59096    298
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/PGS_PC
         _InitCom
18980     34
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/PGS_PC
         _Shell.sh
 7479    326
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/PGS_PC
         _TempDeleteCom
38800    384
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/PGS_PC
         _TermCom
31053    347
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/PGS_TD
         _NewLeap
17442    349  /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/chkeph
 1709     16  /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/mkpgslib
46768    527  /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/orbsim
46500     21  /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/pccheck.sh
13507     47  /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/pctcheck
44859     39  /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/pgs-dev-
         env.csh
33121     35  /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/pgs-dev-
         env.ksh
16731      8  /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/pgs-env.csh
41191      7  /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/pgs-env.ksh
60080    119  /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/smfcompile
 5354     23
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/update
         _leapsec.sh
 6497     27
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/update
         _leapsec_CC.sh
23611     28
                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/update
         _utcpole.sh
```

```
45602       32
                                /CUSTOM/TOOLKIT/toolkit/bin/sgi32_scf_f90/update
                _utcpole_CC.sh
62226       67    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/INSTALL
 5905       23    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/INSTALL-AAdata
63843       55    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/INSTALL-HDF
39182       30    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/INSTALL-HDF4.0r1p1
42851       30    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/INSTALL-HDF4.0r2
49813       35    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/INSTALL-HDF4.1r1
47235       29    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/INSTALL-HDFEOS-Wrap
 7611      152    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/INSTALL-Toolkit
55044        3    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/ftp.csh
27781       35    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/mkpgscpptar
 1709       16    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/mkpgslib
10402       16    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/mkpgslib.cpp
57735       34    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/mkpgstar
19825       40    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/pgs-dev-env.csh
22561       48    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/pgs-dev-env.csh.cpp
16310       36    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/pgs-dev-env.ksh
29852       42    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/pgs-dev-env.ksh.cpp
30259        8    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/pgs-env.csh
50690        8    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/pgs-env.csh.cpp
55430        7    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/pgs-env.ksh
 9066        7    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/pgs-env.ksh.cpp
43688        4    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/pgs-flags
62866        5    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/pgs-flags-cpp
30887      108    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/tmp/jackets.c.unicos
10725       50    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/tmp/pgs-dev-
                env.csh.cpp.tmp
52529       39    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/tmp/pgs-dev-
                env.csh.daac.tmp
35971       39    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/tmp/pgs-dev-
                env.csh.tmp
39420       43    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/tmp/pgs-dev-
                env.ksh.cpp.tmp
45005       35    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/tmp/pgs-dev-
                env.ksh.daac.tmp
28409       35    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/tmp/pgs-dev-
                env.ksh.tmp
25436        8    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/tmp/pgs-
                env.csh.cpp.tmp
18340        8    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/tmp/pgs-
                env.csh.daac.tmp
 9068        7    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/tmp/pgs-env.csh.tmp
51244        7    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/tmp/pgs-
                env.ksh.cpp.tmp
44594        7    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/tmp/pgs-
                env.ksh.daac.tmp
35284        7    /CUSTOM/TOOLKIT/toolkit/bin/sgi6/tmp/pgs-env.ksh.tmp
62226       67    /CUSTOM/TOOLKIT/toolkit/bin/sgi64/INSTALL
 5905       23    /CUSTOM/TOOLKIT/toolkit/bin/sgi64/INSTALL-AAdata
63843       55    /CUSTOM/TOOLKIT/toolkit/bin/sgi64/INSTALL-HDF
39182       30    /CUSTOM/TOOLKIT/toolkit/bin/sgi64/INSTALL-HDF4.0r1p1
42851       30    /CUSTOM/TOOLKIT/toolkit/bin/sgi64/INSTALL-HDF4.0r2
```

```
49813      35      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/INSTALL-HDF4.1r1
47235      29      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/INSTALL-HDFEOS-Wrap
 7611     152      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/INSTALL-Toolkit
55044       3      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/ftp.csh
27781      35      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/mkpgscpptar
 1709      16      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/mkpgslib
10402      16      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/mkpgslib.cpp
57735      34      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/mkpgstar
19825      40      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/pgs-dev-env.csh
22561      48      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/pgs-dev-env.csh.cpp
16310      36      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/pgs-dev-env.ksh
29852      42      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/pgs-dev-env.ksh.cpp
30259       8      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/pgs-env.csh
50690       8      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/pgs-env.csh.cpp
55430       7      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/pgs-env.ksh
 9066       7      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/pgs-env.ksh.cpp
43688       4      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/pgs-flags
62866       5      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/pgs-flags-cpp
30887     108      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/tmp/jackets.c.unicos
10725      50      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/tmp/pgs-dev-
                   env.csh.cpp.tmp
52529      39      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/tmp/pgs-dev-
                   env.csh.daac.tmp
35971      39      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/tmp/pgs-dev-
                   env.csh.tmp
39420      43      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/tmp/pgs-dev-
                   env.ksh.cpp.tmp
45005      35      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/tmp/pgs-dev-
                   env.ksh.daac.tmp
28409      35      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/tmp/pgs-dev-
                   env.ksh.tmp
25436       8      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/tmp/pgs-
                   env.csh.cpp.tmp
18340       8      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/tmp/pgs-
                   env.csh.daac.tmp
 9068       7      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/tmp/pgs-env.csh.tmp
51244       7      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/tmp/pgs-
                   env.ksh.cpp.tmp
44594       7      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/tmp/pgs-
                   env.ksh.daac.tmp
35284       7      /CUSTOM/TOOLKIT/toolkit/bin/sgi64/tmp/pgs-env.ksh.tmp
 2627     479      /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/L0sim
22408     378
                       /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/PGS_C
                   SC_UT1_update
 4216     302
                       /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/PGS_P
                   C_GetConfigDataCom
32395     315
                       /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/PGS_P
                   C_GetFileAttrCom
47728     305
                       /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/PGS_P
                   C_GetFileSizeCom
```

```
34034     305
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/PGS_P
          C_GetNumberOfFilesCom
59907     302
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/PGS_P
          C_GetReferenceCom
49276     361
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/PGS_P
          C_GetTempReferenceCom
63203     315
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/PGS_P
          C_InitCom
18980      34
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/PGS_P
          C_Shell.sh
31523     346
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/PGS_P
          C_TempDeleteCom
62602     416
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/PGS_P
          C_TermCom
10800     375
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/PGS_T
          D_NewLeap
 7370     378     /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/chkeph
 1709      16     /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/mkpgslib
53181     574     /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/orbsim
46500      21     /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/pccheck.sh
49331      50     /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/pctcheck
43547      39     /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/pgs-dev-
          env.csh
31809      35     /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/pgs-dev-
          env.ksh
16708       8     /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/pgs-env.csh
41168       7     /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/pgs-env.ksh
34319     126     /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/smfcompile
 5354      23
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/updat
          e_leapsec.sh
 6497      27
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/updat
          e_leapsec_CC.sh
23611      28
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/updat
          e_utcpole.sh
45602      32
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f77/updat
          e_utcpole_CC.sh
 1995     479     /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/L0sim
21936     378
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/PGS_C
          SC_UT1_update
```

```
 3884    302
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/PGS_P
            C_GetConfigDataCom
32043    315
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/PGS_P
            C_GetFileAttrCom
47386    305
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/PGS_P
            C_GetFileSizeCom
33692    305
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/PGS_P
            C_GetNumberOfFilesCom
59575    302
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/PGS_P
            C_GetReferenceCom
48814    361
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/PGS_P
            C_GetTempReferenceCom
62881    315
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/PGS_P
            C_InitCom
18980     34
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/PGS_P
            C_Shell.sh
31071    346
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/PGS_P
            C_TempDeleteCom
62080    416
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/PGS_P
            C_TermCom
10338    375
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/PGS_T
            D_NewLeap
 6888    378   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/chkeph
 1709     16   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/mkpgslib
52439    574   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/orbsim
46500     21   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/pccheck.sh
49321     50   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/pctcheck
44732     39   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/pgs-dev-
            env.csh
32994     35   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/pgs-dev-
            env.ksh
16703      8   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/pgs-env.csh
41163      7   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/pgs-env.ksh
34309    126   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/smfcompile
 5354     23
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/updat
            e_leapsec.sh
 6497     27
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/updat
            e_leapsec_CC.sh
23611     28
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/updat
            e_utcpole.sh
```

```
45602     32
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_daac_f90/updat
          e_utcpole_CC.sh
30638    478     /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/L0sim
45793    377
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/PGS_CS
          C_UT1_update
59461    302
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/PGS_PC
          _GetConfigDataCom
18836    315
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/PGS_PC
          _GetFileAttrCom
39011    304
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/PGS_PC
          _GetFileSizeCom
30121    304
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/PGS_PC
          _GetNumberOfFilesCom
55183    302
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/PGS_PC
          _GetReferenceCom
17110    360
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/PGS_PC
          _GetTempReferenceCom
57493    315
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/PGS_PC
          _InitCom
18980     34
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/PGS_PC
          _Shell.sh
11624    345
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/PGS_PC
          _TempDeleteCom
35141    414
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/PGS_PC
          _TermCom
 1965    374
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/PGS_TD
          _NewLeap
24314    377     /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/chkeph
 1709     16     /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/mkpgslib
60389    572     /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/orbsim
46500     21     /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/pccheck.sh
48130     50     /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/pctcheck
43469     39     /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/pgs-dev-
          env.csh
31731     35     /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/pgs-dev-
          env.ksh
16631      8     /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/pgs-env.csh
41091      7     /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/pgs-env.ksh
31974    126     /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/smfcompile
```

```
 5354      23
                   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/update
           _leapsec.sh
 6497      27
                   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/update
           _leapsec_CC.sh
23611      28
                   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/update
           _utcpole.sh
45602      32
                   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f77/update
           _utcpole_CC.sh
29993     478    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/L0sim
45308     377
                   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/PGS_CS
           C_UT1_update
59116     302
                   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/PGS_PC
           _GetConfigDataCom
18471     315
                   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/PGS_PC
           _GetFileAttrCom
38656     304
                   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/PGS_PC
           _GetFileSizeCom
29766     304
                   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/PGS_PC
           _GetNumberOfFilesCom
54838     302
                   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/PGS_PC
           _GetReferenceCom
16635     360
                   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/PGS_PC
           _GetTempReferenceCom
57158     315
                   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/PGS_PC
           _InitCom
18980      34
                   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/PGS_PC
           _Shell.sh
11159     345
                   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/PGS_PC
           _TempDeleteCom
34606     414
                   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/PGS_PC
           _TermCom
 1490     374
                   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/PGS_TD
           _NewLeap
23819     377    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/chkeph
 1709      16    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/mkpgslib
59634     572    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/orbsim
46500      21    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/pccheck.sh
48120      50    /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/pctcheck
```

```
44654      39   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/pgs-dev-
                env.csh
32916      35   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/pgs-dev-
                env.ksh
16626       8   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/pgs-env.csh
41086       7   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/pgs-env.ksh
31967     126   /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/smfcompile
 5354      23
                      /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/update
                _leapsec.sh
 6497      27
                      /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/update
                _leapsec_CC.sh
23611      28
                      /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/update
                _utcpole.sh
45602      32
                      /CUSTOM/TOOLKIT/toolkit/bin/sgi64_scf_f90/update
                _utcpole_CC.sh
62226      67   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/INSTALL
 5905      23   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/INSTALL-AAdata
63843      55   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/INSTALL-HDF
39182      30   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/INSTALL-HDF4.0r1p1
42851      30   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/INSTALL-HDF4.0r2
49813      35   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/INSTALL-HDF4.1r1
47235      29   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/INSTALL-HDFEOS-
                Wrap
 7611     152   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/INSTALL-Toolkit
55044       3   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/ftp.csh
27781      35   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/mkpgscpptar
 1709      16   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/mkpgslib
10402      16   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/mkpgslib.cpp
57735      34   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/mkpgstar
20278      40   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/pgs-dev-env.csh
21004      48   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/pgs-dev-
                env.csh.cpp
16772      36   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/pgs-dev-env.ksh
29063      42   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/pgs-dev-
                env.ksh.cpp
30465       8   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/pgs-env.csh
50690       8   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/pgs-env.csh.cpp
55892       7   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/pgs-env.ksh
 9066       7   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/pgs-env.ksh.cpp
43688       4   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/pgs-flags
62866       5   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/pgs-flags-cpp
30887     108
                      /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/tmp/jackets.
                c.unicos
10725      50   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/tmp/pgs-dev-
                env.csh.cpp.tmp
52529      39   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/tmp/pgs-dev-
                env.csh.daac.tmp
35971      39   /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/tmp/pgs-dev-
                env.csh.tmp
```

```
39420      43    /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/tmp/pgs-dev-
                 env.ksh.cpp.tmp
45005      35    /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/tmp/pgs-dev-
                 env.ksh.daac.tmp
28409      35    /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/tmp/pgs-dev-
                 env.ksh.tmp
25436       8    /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/tmp/pgs-
                 env.csh.cpp.tmp
18340       8    /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/tmp/pgs-
                 env.csh.daac.tmp
 9068       7    /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/tmp/pgs-
                 env.csh.tmp
51244       7    /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/tmp/pgs-
                 env.ksh.cpp.tmp
44594       7    /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/tmp/pgs-
                 env.ksh.daac.tmp
35284       7    /CUSTOM/TOOLKIT/toolkit/bin/sgi6n32/tmp/pgs-
                 env.ksh.tmp
 9859     427    /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/L0sim
 7019     331
                      /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/PGS_CSC
                 _UT1_update
23068     268
                      /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/PGS_PC_
                 GetConfigDataCom
61835     279
                      /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/PGS_PC_
                 GetFileAttrCom
23790     277
                      /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/PGS_PC_
                 GetFileSizeCom
29241     277
                      /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/PGS_PC_
                 GetNumberOfFilesCom
11652     268
                      /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/PGS_PC_
                 GetReferenceCom
55559     315
                      /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/PGS_PC_
                 GetTempReferenceCom
58290     288
                      /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/PGS_PC_
                 InitCom
18980      34
                      /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/PGS_PC_
                 Shell.sh
52649     302
                      /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/PGS_PC_
                 TempDeleteCom
33486     356
                      /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/PGS_PC_
                 TermCom
```

```
19922    322
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/PGS_TD_
         NewLeap
17170    325     /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/chkeph
 1709     16     /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/mkpgslib
 1873    491     /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/orbsim
46500     21     /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/pccheck.sh
54518     45     /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/pctcheck
43659     39     /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/pgs-dev-
         env.csh
31921     35     /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/pgs-dev-
         env.ksh
16925      8     /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/pgs-env.csh
41385      7     /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/pgs-env.ksh
63600    126     /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/smfcompile
 5354     23
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/update_
         leapsec.sh
 6497     27
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/update_
         leapsec_CC.sh
23611     28
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/update_
         utcpole.sh
45602     32
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f77/update_
         utcpole_CC.sh
 9867    427     /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/L0sim
 7027    331
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/PGS_CSC
         _UT1_update
25162    268
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/PGS_PC_
         GetConfigDataCom
61843    279
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/PGS_PC_
         GetFileAttrCom
23334    277
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/PGS_PC_
         GetFileSizeCom
31335    277
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/PGS_PC_
         GetNumberOfFilesCom
13746    268
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/PGS_PC_
         GetReferenceCom
55567    315
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/PGS_PC_
         GetTempReferenceCom
58298    288
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/PGS_PC_
         InitCom
```

```
18980      34
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/PGS_PC_
           Shell.sh
52657     302
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/PGS_PC_
           TempDeleteCom
33494     356
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/PGS_PC_
           TermCom
19930     322
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/PGS_TD_
           NewLeap
17178     325    /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/chkeph
 1709      16    /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/mkpgslib
 1881     491    /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/orbsim
46500      21    /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/pccheck.sh
54518      45    /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/pctcheck
45231      39    /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/pgs-dev-
           env.csh
33493      35    /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/pgs-dev-
           env.ksh
16920       8    /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/pgs-env.csh
41380       7    /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/pgs-env.ksh
63608     126    /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/smfcompile
 5354      23
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/update_
           leapsec.sh
 6497      27
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/update_
           leapsec_CC.sh
23611      28
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/update_
           utcpole.sh
45602      32
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi_daac_f90/update_
           utcpole_CC.sh
 9731     427    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/L0sim
26095     331
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/PGS_CSC_
           UT1_update
19240     276
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/PGS_PC_G
           etConfigDataCom
58625     279
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/PGS_PC_G
           etFileAttrCom
11724     277
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/PGS_PC_G
           etFileSizeCom
 4315     277
                    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/PGS_PC_G
           etNumberOfFilesCom
```

```
65300    276
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/PGS_PC_G
         etReferenceCom
54674    315
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/PGS_PC_G
         etTempReferenceCom
27108    288    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/PGS_PC_InitCom
18980     34
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/PGS_PC_S
         hell.sh
11614    302
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/PGS_PC_T
         empDeleteCom
45881    356    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/PGS_PC_TermCom
 5089    322    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/PGS_TD_NewLeap
28988    325    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/chkeph
 1709     16    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/mkpgslib
62562    491    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/orbsim
46500     21    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/pccheck.sh
54518     45    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/pctcheck
43581     39    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/pgs-dev-
         env.csh
31843     35    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/pgs-dev-
         env.ksh
16848      8    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/pgs-env.csh
41308      7    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/pgs-env.ksh
61203    126    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/smfcompile
 5354     23
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/update_l
         eapsec.sh
 6497     27
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/update_l
         eapsec_CC.sh
23611     28
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/update_u
         tcpole.sh
45602     32
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f77/update_u
         tcpole_CC.sh
 9737    427    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/L0sim
26101    331
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/PGS_CSC_
         UT1_update
17762    276
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/PGS_PC_G
         etConfigDataCom
58631    279
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/PGS_PC_G
         etFileAttrCom
10246    277
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/PGS_PC_G
         etFileSizeCom
```

```
 2837    277
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/PGS_PC_G
         etNumberOfFilesCom
63822    276
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/PGS_PC_G
         etReferenceCom
54680    315
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/PGS_PC_G
         etTempReferenceCom
27114    288    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/PGS_PC_InitCom
18980     34
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/PGS_PC_S
         hell.sh
11620    302
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/PGS_PC_T
         empDeleteCom
45887    356    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/PGS_PC_TermCom
 5095    322    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/PGS_TD_NewLeap
28994    325    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/chkeph
 1709     16    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/mkpgslib
62568    491    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/orbsim
46500     21    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/pccheck.sh
54518     45    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/pctcheck
45153     39    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/pgs-dev-
         env.csh
33415     35    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/pgs-dev-
         env.ksh
16843      8    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/pgs-env.csh
41303      7    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/pgs-env.ksh
61189    126    /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/smfcompile
 5354     23
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/update_l
         eapsec.sh
 6497     27
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/update_l
         eapsec_CC.sh
23611     28
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/update_u
         tcpole.sh
45602     32
                /CUSTOM/TOOLKIT/toolkit/bin/sgi_scf_f90/update_u
         tcpole_CC.sh
62226     67    /CUSTOM/TOOLKIT/toolkit/bin/sun4/INSTALL
 5905     23    /CUSTOM/TOOLKIT/toolkit/bin/sun4/INSTALL-AAdata
63843     55    /CUSTOM/TOOLKIT/toolkit/bin/sun4/INSTALL-HDF
39182     30    /CUSTOM/TOOLKIT/toolkit/bin/sun4/INSTALL-HDF4.0r1p1
42851     30    /CUSTOM/TOOLKIT/toolkit/bin/sun4/INSTALL-HDF4.0r2
49813     35    /CUSTOM/TOOLKIT/toolkit/bin/sun4/INSTALL-HDF4.1r1
47235     29    /CUSTOM/TOOLKIT/toolkit/bin/sun4/INSTALL-HDFEOS-Wrap
 7611    152    /CUSTOM/TOOLKIT/toolkit/bin/sun4/INSTALL-Toolkit
55044      3    /CUSTOM/TOOLKIT/toolkit/bin/sun4/ftp.csh
 1709     16    /CUSTOM/TOOLKIT/toolkit/bin/sun4/mkpgslib
57735     34    /CUSTOM/TOOLKIT/toolkit/bin/sun4/mkpgstar
19853     40    /CUSTOM/TOOLKIT/toolkit/bin/sun4/pgs-dev-env.csh
```

```
23943     36    /CUSTOM/TOOLKIT/toolkit/bin/sun4/pgs-dev-env.ksh
30662      8    /CUSTOM/TOOLKIT/toolkit/bin/sun4/pgs-env.csh
55800      7    /CUSTOM/TOOLKIT/toolkit/bin/sun4/pgs-env.ksh
43688      4    /CUSTOM/TOOLKIT/toolkit/bin/sun4/pgs-flags
30887    108    /CUSTOM/TOOLKIT/toolkit/bin/sun4/tmp/jackets.c.unicos
10725     50    /CUSTOM/TOOLKIT/toolkit/bin/sun4/tmp/pgs-dev-
                env.csh.cpp.tmp
52529     39    /CUSTOM/TOOLKIT/toolkit/bin/sun4/tmp/pgs-dev-
                env.csh.daac.tmp
35971     39    /CUSTOM/TOOLKIT/toolkit/bin/sun4/tmp/pgs-dev-
                env.csh.tmp
39420     43    /CUSTOM/TOOLKIT/toolkit/bin/sun4/tmp/pgs-dev-
                env.ksh.cpp.tmp
45005     35    /CUSTOM/TOOLKIT/toolkit/bin/sun4/tmp/pgs-dev-
                env.ksh.daac.tmp
28409     35    /CUSTOM/TOOLKIT/toolkit/bin/sun4/tmp/pgs-dev-
                env.ksh.tmp
25436      8    /CUSTOM/TOOLKIT/toolkit/bin/sun4/tmp/pgs-
                env.csh.cpp.tmp
18340      8    /CUSTOM/TOOLKIT/toolkit/bin/sun4/tmp/pgs-
                env.csh.daac.tmp
 9068      7    /CUSTOM/TOOLKIT/toolkit/bin/sun4/tmp/pgs-env.csh.tmp
51244      7    /CUSTOM/TOOLKIT/toolkit/bin/sun4/tmp/pgs-
                env.ksh.cpp.tmp
44594      7    /CUSTOM/TOOLKIT/toolkit/bin/sun4/tmp/pgs-
                env.ksh.daac.tmp
35284      7    /CUSTOM/TOOLKIT/toolkit/bin/sun4/tmp/pgs-env.ksh.tmp
62226     67    /CUSTOM/TOOLKIT/toolkit/bin/sun5/INSTALL
 5905     23    /CUSTOM/TOOLKIT/toolkit/bin/sun5/INSTALL-AAdata
63843     55    /CUSTOM/TOOLKIT/toolkit/bin/sun5/INSTALL-HDF
39182     30    /CUSTOM/TOOLKIT/toolkit/bin/sun5/INSTALL-HDF4.0r1p1
42851     30    /CUSTOM/TOOLKIT/toolkit/bin/sun5/INSTALL-HDF4.0r2
49813     35    /CUSTOM/TOOLKIT/toolkit/bin/sun5/INSTALL-HDF4.1r1
47235     29    /CUSTOM/TOOLKIT/toolkit/bin/sun5/INSTALL-HDFEOS-Wrap
 7611    152    /CUSTOM/TOOLKIT/toolkit/bin/sun5/INSTALL-Toolkit
55044      3    /CUSTOM/TOOLKIT/toolkit/bin/sun5/ftp.csh
27781     35    /CUSTOM/TOOLKIT/toolkit/bin/sun5/mkpgscpptar
 1709     16    /CUSTOM/TOOLKIT/toolkit/bin/sun5/mkpgslib
10402     16    /CUSTOM/TOOLKIT/toolkit/bin/sun5/mkpgslib.cpp
57735     34    /CUSTOM/TOOLKIT/toolkit/bin/sun5/mkpgstar
19853     40    /CUSTOM/TOOLKIT/toolkit/bin/sun5/pgs-dev-env.csh
13005     48    /CUSTOM/TOOLKIT/toolkit/bin/sun5/pgs-dev-env.csh.cpp
23943     36    /CUSTOM/TOOLKIT/toolkit/bin/sun5/pgs-dev-env.ksh
61569     43    /CUSTOM/TOOLKIT/toolkit/bin/sun5/pgs-dev-env.ksh.cpp
30662      8    /CUSTOM/TOOLKIT/toolkit/bin/sun5/pgs-env.csh
50690      8    /CUSTOM/TOOLKIT/toolkit/bin/sun5/pgs-env.csh.cpp
55800      7    /CUSTOM/TOOLKIT/toolkit/bin/sun5/pgs-env.ksh
 9066      7    /CUSTOM/TOOLKIT/toolkit/bin/sun5/pgs-env.ksh.cpp
43688      4    /CUSTOM/TOOLKIT/toolkit/bin/sun5/pgs-flags
62866      5    /CUSTOM/TOOLKIT/toolkit/bin/sun5/pgs-flags-cpp
30887    108    /CUSTOM/TOOLKIT/toolkit/bin/sun5/tmp/jackets.c.unicos
10725     50    /CUSTOM/TOOLKIT/toolkit/bin/sun5/tmp/pgs-dev-
                env.csh.cpp.tmp
```

```
52529      39    /CUSTOM/TOOLKIT/toolkit/bin/sun5/tmp/pgs-dev-
                  env.csh.daac.tmp
35971      39    /CUSTOM/TOOLKIT/toolkit/bin/sun5/tmp/pgs-dev-
                  env.csh.tmp
39420      43    /CUSTOM/TOOLKIT/toolkit/bin/sun5/tmp/pgs-dev-
                  env.ksh.cpp.tmp
45005      35    /CUSTOM/TOOLKIT/toolkit/bin/sun5/tmp/pgs-dev-
                  env.ksh.daac.tmp
28409      35    /CUSTOM/TOOLKIT/toolkit/bin/sun5/tmp/pgs-dev-
                  env.ksh.tmp
25436       8    /CUSTOM/TOOLKIT/toolkit/bin/sun5/tmp/pgs-
                  env.csh.cpp.tmp
18340       8    /CUSTOM/TOOLKIT/toolkit/bin/sun5/tmp/pgs-
                  env.csh.daac.tmp
 9068       7    /CUSTOM/TOOLKIT/toolkit/bin/sun5/tmp/pgs-env.csh.tmp
51244       7    /CUSTOM/TOOLKIT/toolkit/bin/sun5/tmp/pgs-
                  env.ksh.cpp.tmp
44594       7    /CUSTOM/TOOLKIT/toolkit/bin/sun5/tmp/pgs-
                  env.ksh.daac.tmp
35284       7    /CUSTOM/TOOLKIT/toolkit/bin/sun5/tmp/pgs-env.ksh.tmp
 2676       1    /CUSTOM/TOOLKIT/toolkit/database/common/AA/etop05.bfm
21953       1
                       /CUSTOM/TOOLKIT/toolkit/database/common/AA/etop0
                  5Support
21856       1
                       /CUSTOM/TOOLKIT/toolkit/database/common/AA/fnoc1
                  Support
21855       1
                       /CUSTOM/TOOLKIT/toolkit/database/common/AA/fnoc2
                  Support
 1533       1    /CUSTOM/TOOLKIT/toolkit/database/common/AA/fnocAzm.bfm
 1561       1    /CUSTOM/TOOLKIT/toolkit/database/common/AA/fnocMax.bfm
 1555       1    /CUSTOM/TOOLKIT/toolkit/database/common/AA/fnocMod.bfm
 1524       1    /CUSTOM/TOOLKIT/toolkit/database/common/AA/fnocOcm.bfm
 1433       1    /CUSTOM/TOOLKIT/toolkit/database/common/AA/fnocPt.bfm
 1522       1    /CUSTOM/TOOLKIT/toolkit/database/common/AA/fnocRdg.bfm
 1436       1    /CUSTOM/TOOLKIT/toolkit/database/common/AA/fnocSt.bfm
 1534       1    /CUSTOM/TOOLKIT/toolkit/database/common/AA/fnocUrb.bfm
 1537       1    /CUSTOM/TOOLKIT/toolkit/database/common/AA/fnocWat.bfm
 1775       1    /CUSTOM/TOOLKIT/toolkit/database/common/AA/geoid.bfm
21875       1
                       /CUSTOM/TOOLKIT/toolkit/database/common/AA/geoid
                  Support
41012       4    /CUSTOM/TOOLKIT/toolkit/database/common/AA/indexFile
 3545       1    /CUSTOM/TOOLKIT/toolkit/database/common/AA/mowe13a.bfm
21191       1
                       /CUSTOM/TOOLKIT/toolkit/database/common/AA/mowe1
                  3aSupport
 4215       1
                       /CUSTOM/TOOLKIT/toolkit/database/common/AA/nmcRu
                  cSigPotPres.bfm
27878       1
                       /CUSTOM/TOOLKIT/toolkit/database/common/AA/nmcRu
                  cSupport
```

```
 3172       1      /CUSTOM/TOOLKIT/toolkit/database/common/AA/owe13a.bfm
21902       1
                          /CUSTOM/TOOLKIT/toolkit/database/common/AA/owe13
                   aSupport
21930       1
                          /CUSTOM/TOOLKIT/toolkit/database/common/AA/owe14
                   Support
 3176       1      /CUSTOM/TOOLKIT/toolkit/database/common/AA/owe14d.bfm
 3290       1      /CUSTOM/TOOLKIT/toolkit/database/common/AA/owe14dr.bfm
 1543       1      /CUSTOM/TOOLKIT/toolkit/database/common/AA/srzArea.bfm
 1545       1      /CUSTOM/TOOLKIT/toolkit/database/common/AA/srzCode.bfm
 1562       1      /CUSTOM/TOOLKIT/toolkit/database/common/AA/srzPhas.bfm
 1580       1      /CUSTOM/TOOLKIT/toolkit/database/common/AA/srzSlop.bfm
 1573       1      /CUSTOM/TOOLKIT/toolkit/database/common/AA/srzSoil.bfm
 1599       1      /CUSTOM/TOOLKIT/toolkit/database/common/AA/srzSubs.bfm
 1577       1      /CUSTOM/TOOLKIT/toolkit/database/common/AA/srzText.bfm
 2827       1      /CUSTOM/TOOLKIT/toolkit/database/common/AA/tbase.bfm
 2356       1      /CUSTOM/TOOLKIT/toolkit/database/common/AA/tbase1.bfm
22732       1
                          /CUSTOM/TOOLKIT/toolkit/database/common/AA/tbase
                   1Support
 2357       1      /CUSTOM/TOOLKIT/toolkit/database/common/AA/tbase2.bfm
22639       1
                          /CUSTOM/TOOLKIT/toolkit/database/common/AA/tbase
                   2Support
 2358       1      /CUSTOM/TOOLKIT/toolkit/database/common/AA/tbase3.bfm
22777       1
                          /CUSTOM/TOOLKIT/toolkit/database/common/AA/tbase
                   3Support
 2359       1      /CUSTOM/TOOLKIT/toolkit/database/common/AA/tbase4.bfm
22732       1
                          /CUSTOM/TOOLKIT/toolkit/database/common/AA/tbase
                   4Support
22987       1
                          /CUSTOM/TOOLKIT/toolkit/database/common/AA/tbase
                   Support
 1849       1
                          /CUSTOM/TOOLKIT/toolkit/database/common/AA/usa_t
                   iled2.bfm
 2496       1
                          /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
                   le1.bfm
 2544       1
                          /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
                   le10.bfm
21829       1
                          /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
                   le10Support
 2545       1
                          /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
                   le11.bfm
21847       1
                          /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
                   le11Support
```

```
 2546      1
                  /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
          le12.bfm
21785      1
                  /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
          le12Support
21875      1
                  /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
          le1Support
 2497      1
                  /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
          le2.bfm
21829      1
                  /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
          le2Support
 2498      1
                  /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
          le3.bfm
21847      1
                  /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
          le3Support
 2499      1
                  /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
          le4.bfm
21785      1
                  /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
          le4Support
 2500      1
                  /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
          le5.bfm
21875      1
                  /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
          le5Support
 2501      1
                  /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
          le6.bfm
21829      1
                  /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
          le6Support
 2502      1
                  /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
          le7.bfm
21847      1
                  /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
          le7Support
 2503      1
                  /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
          le8.bfm
21785      1
                  /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
          le8Support
 2504      1
                  /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
          le9.bfm
```

```
21875      1
                     /CUSTOM/TOOLKIT/toolkit/database/common/AA/usati
            le9Support
21533      1
                     /CUSTOM/TOOLKIT/toolkit/database/common/AA/zoble
            r1Support
21603      1
                     /CUSTOM/TOOLKIT/toolkit/database/common/AA/zoble
            r2Support
44799      7    /CUSTOM/TOOLKIT/toolkit/database/common/TD/leapsec.dat
21312   9311    /CUSTOM/TOOLKIT/toolkit/database/dec/CBP/de200.eos
24330     23    /CUSTOM/TOOLKIT/toolkit/database/dec/PC/PCF.ir1
49316     41    /CUSTOM/TOOLKIT/toolkit/database/dec/PC/PCF.relA
36574     50    /CUSTOM/TOOLKIT/toolkit/database/dec/PC/PCF.relB0
64621   9311    /CUSTOM/TOOLKIT/toolkit/database/hp/CBP/de200.eos
23910     23    /CUSTOM/TOOLKIT/toolkit/database/hp/PC/PCF.ir1
48980     41    /CUSTOM/TOOLKIT/toolkit/database/hp/PC/PCF.relA
36490     50    /CUSTOM/TOOLKIT/toolkit/database/hp/PC/PCF.relB0
64462   9306    /CUSTOM/TOOLKIT/toolkit/database/ibm/CBP/de200.eos
24390     23    /CUSTOM/TOOLKIT/toolkit/database/ibm/PC/PCF.ir1
49364     41    /CUSTOM/TOOLKIT/toolkit/database/ibm/PC/PCF.relA
36586     50    /CUSTOM/TOOLKIT/toolkit/database/ibm/PC/PCF.relB0
 6403   9311    /CUSTOM/TOOLKIT/toolkit/database/sgi/CBP/de200.eos
52955     81    /CUSTOM/TOOLKIT/toolkit/database/sgi/GCT/nad1927.dat
39227     81    /CUSTOM/TOOLKIT/toolkit/database/sgi/GCT/nad1983.dat
24445     23    /CUSTOM/TOOLKIT/toolkit/database/sgi/PC/PCF.ir1
49408     41    /CUSTOM/TOOLKIT/toolkit/database/sgi/PC/PCF.relA
36597     50    /CUSTOM/TOOLKIT/toolkit/database/sgi/PC/PCF.relB0
 6403   9311    /CUSTOM/TOOLKIT/toolkit/database/sgi32/CBP/de200.eos
52955     81    /CUSTOM/TOOLKIT/toolkit/database/sgi32/GCT/nad1927.dat
39227     81    /CUSTOM/TOOLKIT/toolkit/database/sgi32/GCT/nad1983.dat
24950     23    /CUSTOM/TOOLKIT/toolkit/database/sgi32/PC/PCF.ir1
49812     41    /CUSTOM/TOOLKIT/toolkit/database/sgi32/PC/PCF.relA
36698     50    /CUSTOM/TOOLKIT/toolkit/database/sgi32/PC/PCF.relB0
 6403   9311    /CUSTOM/TOOLKIT/toolkit/database/sgi64/CBP/de200.eos
52955     81    /CUSTOM/TOOLKIT/toolkit/database/sgi64/GCT/nad1927.dat
39227     81    /CUSTOM/TOOLKIT/toolkit/database/sgi64/GCT/nad1983.dat
24975     23    /CUSTOM/TOOLKIT/toolkit/database/sgi64/PC/PCF.ir1
49832     41    /CUSTOM/TOOLKIT/toolkit/database/sgi64/PC/PCF.relA
36703     50    /CUSTOM/TOOLKIT/toolkit/database/sgi64/PC/PCF.relB0
 7152   9311    /CUSTOM/TOOLKIT/toolkit/database/sun4/CBP/de200.eos
24800     23    /CUSTOM/TOOLKIT/toolkit/database/sun4/PC/PCF.ir1
49692     41    /CUSTOM/TOOLKIT/toolkit/database/sun4/PC/PCF.relA
36668     50    /CUSTOM/TOOLKIT/toolkit/database/sun4/PC/PCF.relB0
10466   9311    /CUSTOM/TOOLKIT/toolkit/database/sun5/CBP/de200.eos
24805     23    /CUSTOM/TOOLKIT/toolkit/database/sun5/PC/PCF.ir1
49696     41    /CUSTOM/TOOLKIT/toolkit/database/sun5/PC/PCF.relA
36669     50    /CUSTOM/TOOLKIT/toolkit/database/sun5/PC/PCF.relB0
39866    100    /CUSTOM/TOOLKIT/toolkit/doc/README
49985     11    /CUSTOM/TOOLKIT/toolkit/doc/README-AAdata
51603      2    /CUSTOM/TOOLKIT/toolkit/include/PGS_AA.f
50604     13    /CUSTOM/TOOLKIT/toolkit/include/PGS_AA.h
40328     10    /CUSTOM/TOOLKIT/toolkit/include/PGS_AA_10.f
39998      9    /CUSTOM/TOOLKIT/toolkit/include/PGS_AA_10.h
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14358        4        /CUSTOM/TOOLKIT/toolkit/include/PGS_AA_Global.h
54176       24        /CUSTOM/TOOLKIT/toolkit/include/PGS_AA_Tools.h
30925        3        /CUSTOM/TOOLKIT/toolkit/include/PGS_CBP.f
38371        5        /CUSTOM/TOOLKIT/toolkit/include/PGS_CBP.h
22919        5        /CUSTOM/TOOLKIT/toolkit/include/PGS_CBP_6.f
52786        4        /CUSTOM/TOOLKIT/toolkit/include/PGS_CBP_6.h
59273        2        /CUSTOM/TOOLKIT/toolkit/include/PGS_CSC.f
12909       21        /CUSTOM/TOOLKIT/toolkit/include/PGS_CSC.h
27014       11        /CUSTOM/TOOLKIT/toolkit/include/PGS_CSC_4.f
  981        9        /CUSTOM/TOOLKIT/toolkit/include/PGS_CSC_4.h
33804        3        /CUSTOM/TOOLKIT/toolkit/include/PGS_CUC.h
13127        3        /CUSTOM/TOOLKIT/toolkit/include/PGS_CUC_11.f
58539        2        /CUSTOM/TOOLKIT/toolkit/include/PGS_CUC_11.h
40897        8        /CUSTOM/TOOLKIT/toolkit/include/PGS_DEM.f
13938       47        /CUSTOM/TOOLKIT/toolkit/include/PGS_DEM.h
30004        1        /CUSTOM/TOOLKIT/toolkit/include/PGS_DEM_14.f
25913        1        /CUSTOM/TOOLKIT/toolkit/include/PGS_DEM_14.h
41010       16        /CUSTOM/TOOLKIT/toolkit/include/PGS_EPH.h
48157        2        /CUSTOM/TOOLKIT/toolkit/include/PGS_EPH_5.f
39180        2        /CUSTOM/TOOLKIT/toolkit/include/PGS_EPH_5.h
 3080        2        /CUSTOM/TOOLKIT/toolkit/include/PGS_EcsVersion.h
37867        8        /CUSTOM/TOOLKIT/toolkit/include/PGS_GCT.f
18023       10        /CUSTOM/TOOLKIT/toolkit/include/PGS_GCT.h
59013        6        /CUSTOM/TOOLKIT/toolkit/include/PGS_GCT_12.f
18102        6        /CUSTOM/TOOLKIT/toolkit/include/PGS_GCT_12.h
58051       25        /CUSTOM/TOOLKIT/toolkit/include/PGS_GCT_Prototypes.h
 4772       10        /CUSTOM/TOOLKIT/toolkit/include/PGS_IO.f
 4762        4        /CUSTOM/TOOLKIT/toolkit/include/PGS_IO.h
53831       14        /CUSTOM/TOOLKIT/toolkit/include/PGS_IO_1.f
64035       11        /CUSTOM/TOOLKIT/toolkit/include/PGS_IO_1.h
30353        7        /CUSTOM/TOOLKIT/toolkit/include/PGS_IO_Gen.h
28919        8        /CUSTOM/TOOLKIT/toolkit/include/PGS_IO_Gen_Wrap.h
64601       22        /CUSTOM/TOOLKIT/toolkit/include/PGS_IO_L0.h
15279        9        /CUSTOM/TOOLKIT/toolkit/include/PGS_IO_L0_Wrap.h
38916        4        /CUSTOM/TOOLKIT/toolkit/include/PGS_MEM.h
50951        7        /CUSTOM/TOOLKIT/toolkit/include/PGS_MEM1.h
64777        3        /CUSTOM/TOOLKIT/toolkit/include/PGS_MEM_7.f
54915        2        /CUSTOM/TOOLKIT/toolkit/include/PGS_MEM_7.h
55980        4        /CUSTOM/TOOLKIT/toolkit/include/PGS_MET.f
58130       31        /CUSTOM/TOOLKIT/toolkit/include/PGS_MET.h
 4020       17        /CUSTOM/TOOLKIT/toolkit/include/PGS_MET_13.f
14452       14        /CUSTOM/TOOLKIT/toolkit/include/PGS_MET_13.h
27398        3        /CUSTOM/TOOLKIT/toolkit/include/PGS_MET_Prototypes.h
59579       11        /CUSTOM/TOOLKIT/toolkit/include/PGS_PC.f
10483       28        /CUSTOM/TOOLKIT/toolkit/include/PGS_PC.h
 5326        7        /CUSTOM/TOOLKIT/toolkit/include/PGS_PC_9.f
21301        6        /CUSTOM/TOOLKIT/toolkit/include/PGS_PC_9.h
35788       10        /CUSTOM/TOOLKIT/toolkit/include/PGS_PC_Prototypes.h
42846        5        /CUSTOM/TOOLKIT/toolkit/include/PGS_SIM.h
35892       14        /CUSTOM/TOOLKIT/toolkit/include/PGS_SMF.f
20979       61        /CUSTOM/TOOLKIT/toolkit/include/PGS_SMF.h
11077        3        /CUSTOM/TOOLKIT/toolkit/include/PGS_SMF_Prototypes.h
10132        3        /CUSTOM/TOOLKIT/toolkit/include/PGS_TD.f
41529        4        /CUSTOM/TOOLKIT/toolkit/include/PGS_TD.h
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 7640          5      /CUSTOM/TOOLKIT/toolkit/include/PGS_TD_3.f
41741          4      /CUSTOM/TOOLKIT/toolkit/include/PGS_TD_3.h
15055         12      /CUSTOM/TOOLKIT/toolkit/include/PGS_TD_Prototypes.h
25582          3      /CUSTOM/TOOLKIT/toolkit/include/PGS_TYPES.h
18649          3      /CUSTOM/TOOLKIT/toolkit/include/PGS_TYPES.h.cray
37649         11      /CUSTOM/TOOLKIT/toolkit/include/PGS_math.h
35845          4      /CUSTOM/TOOLKIT/toolkit/include/README.INCLUDE
44408        210      /CUSTOM/TOOLKIT/toolkit/include/cfortran.h
54372          8      /CUSTOM/TOOLKIT/toolkit/include/makefile.CM
54372          8      /CUSTOM/TOOLKIT/toolkit/include/makefile.CM.cpp
56525          8      /CUSTOM/TOOLKIT/toolkit/include/makefile.cpp
65410          4      /CUSTOM/TOOLKIT/toolkit/include/CUC/makefile.CM
65410          4      /CUSTOM/TOOLKIT/toolkit/include/CUC/makefile.CM.cpp
65410          4      /CUSTOM/TOOLKIT/toolkit/include/CUC/makefile.cpp
32364         32      /CUSTOM/TOOLKIT/toolkit/include/CUC/odldef.h
22675          3
                              /CUSTOM/TOOLKIT/toolkit/include/CUC/odldef_proto
                      types.h
20076         11      /CUSTOM/TOOLKIT/toolkit/include/CUC/odlinter.h
 7219          4      /CUSTOM/TOOLKIT/toolkit/include/CUC/odlparse.h
  623          2      /CUSTOM/TOOLKIT/toolkit/include/CUC/udalloc.h
44391          7      /CUSTOM/TOOLKIT/toolkit/include/CUC/udposix.h
 5563          9      /CUSTOM/TOOLKIT/toolkit/include/CUC/udunits.h
19431          3
                              /CUSTOM/TOOLKIT/toolkit/include/CUC/udunits_prot
                      otypes.h
35116          1      /CUSTOM/TOOLKIT/toolkit/include/CUC/utparse.h
38231          4      /CUSTOM/TOOLKIT/toolkit/include/CUC/utprivate.h
56348          2      /CUSTOM/TOOLKIT/toolkit/include/CUC/utscan.h
 2276          4      /CUSTOM/TOOLKIT/toolkit/include/DCW/PGS_AA_DCW.h
42120        196      /CUSTOM/TOOLKIT/toolkit/include/DCW/Xlib.h
47697          3      /CUSTOM/TOOLKIT/toolkit/include/DCW/color.h
 2391          4      /CUSTOM/TOOLKIT/toolkit/include/DCW/coorgeom.h
54655          3      /CUSTOM/TOOLKIT/toolkit/include/DCW/gctp.for.h
 4196          4      /CUSTOM/TOOLKIT/toolkit/include/DCW/linklist.h
40698          2      /CUSTOM/TOOLKIT/toolkit/include/DCW/machine.h
50750          8      /CUSTOM/TOOLKIT/toolkit/include/DCW/makefile.CM
50750          8      /CUSTOM/TOOLKIT/toolkit/include/DCW/makefile.CM.cpp
50750          8      /CUSTOM/TOOLKIT/toolkit/include/DCW/makefile.cpp
45743          3      /CUSTOM/TOOLKIT/toolkit/include/DCW/set.h
16784          1      /CUSTOM/TOOLKIT/toolkit/include/DCW/strfunc.h
48458          3      /CUSTOM/TOOLKIT/toolkit/include/DCW/symbols.h
19662         18      /CUSTOM/TOOLKIT/toolkit/include/DCW/tiff.h
19220          7      /CUSTOM/TOOLKIT/toolkit/include/DCW/tiffcompat.h
23042         17      /CUSTOM/TOOLKIT/toolkit/include/DCW/tiffio.h
21403          6      /CUSTOM/TOOLKIT/toolkit/include/DCW/unitz0.h
20444         11      /CUSTOM/TOOLKIT/toolkit/include/DCW/vpf.h
49989          8      /CUSTOM/TOOLKIT/toolkit/include/DCW/vpfio.h
65408          7      /CUSTOM/TOOLKIT/toolkit/include/DCW/vpfprim.h
20065          1      /CUSTOM/TOOLKIT/toolkit/include/DCW/vpfquery.h
34776          3      /CUSTOM/TOOLKIT/toolkit/include/DCW/vpfrelat.h
35072          3      /CUSTOM/TOOLKIT/toolkit/include/DCW/vpfsprel.h
16512          1      /CUSTOM/TOOLKIT/toolkit/include/DCW/vpfspx.h
 6106         19      /CUSTOM/TOOLKIT/toolkit/include/DCW/vpftable.h
```

```
61802      19      /CUSTOM/TOOLKIT/toolkit/include/DCW/vpftable.h.dec
33394       5      /CUSTOM/TOOLKIT/toolkit/include/DCW/vpftidx.h
56653      10      /CUSTOM/TOOLKIT/toolkit/include/DCW/vpfview.h
15609       2      /CUSTOM/TOOLKIT/toolkit/include/DCW/vvmisc.h
 1305       5      /CUSTOM/TOOLKIT/toolkit/include/DCW/vvselec.h
22465       1      /CUSTOM/TOOLKIT/toolkit/include/DCW/vvspqry.h
63061       2      /CUSTOM/TOOLKIT/toolkit/include/DCW/vvtheme.h
35395       1      /CUSTOM/TOOLKIT/toolkit/include/DCW/vvutil.h
25321       1      /CUSTOM/TOOLKIT/toolkit/include/DCW/xtiff.h
44942       2      /CUSTOM/TOOLKIT/toolkit/include/FF/adtype.h
44086       2      /CUSTOM/TOOLKIT/toolkit/include/FF/avl.h
59655       2      /CUSTOM/TOOLKIT/toolkit/include/FF/avltree.h
 5444       4      /CUSTOM/TOOLKIT/toolkit/include/FF/data_par.h
44459      23      /CUSTOM/TOOLKIT/toolkit/include/FF/databin.h
33748      10      /CUSTOM/TOOLKIT/toolkit/include/FF/dataview.h
29018       4      /CUSTOM/TOOLKIT/toolkit/include/FF/dl_lists.h
39437      13      /CUSTOM/TOOLKIT/toolkit/include/FF/err.h
31308       6      /CUSTOM/TOOLKIT/toolkit/include/FF/eval_eqn.h
26678      54      /CUSTOM/TOOLKIT/toolkit/include/FF/ff_types.h
39838      43      /CUSTOM/TOOLKIT/toolkit/include/FF/freeform.h
34238      17      /CUSTOM/TOOLKIT/toolkit/include/FF/geodata.h
37896       5      /CUSTOM/TOOLKIT/toolkit/include/FF/geoinfo.h
38201       3      /CUSTOM/TOOLKIT/toolkit/include/FF/index.h
52354       6      /CUSTOM/TOOLKIT/toolkit/include/FF/makefile.CM
52354       6      /CUSTOM/TOOLKIT/toolkit/include/FF/makefile.CM.cpp
52354       6      /CUSTOM/TOOLKIT/toolkit/include/FF/makefile.cpp
62285       2      /CUSTOM/TOOLKIT/toolkit/include/FF/maxmin.h
 8005      18      /CUSTOM/TOOLKIT/toolkit/include/FF/memtrack.h
20379      21      /CUSTOM/TOOLKIT/toolkit/include/FF/menuindx.h
44900       6      /CUSTOM/TOOLKIT/toolkit/include/FF/name_tab.h
47548      11      /CUSTOM/TOOLKIT/toolkit/include/FF/os_utils.h
47089       2      /CUSTOM/TOOLKIT/toolkit/include/FW/cproj.h
43137       5      /CUSTOM/TOOLKIT/toolkit/include/FW/cproj_prototypes.h
 1138       7      /CUSTOM/TOOLKIT/toolkit/include/FW/isin.h
29098       3      /CUSTOM/TOOLKIT/toolkit/include/FW/makefile.CM
29098       3      /CUSTOM/TOOLKIT/toolkit/include/FW/makefile.CM.cpp
29098       3      /CUSTOM/TOOLKIT/toolkit/include/FW/makefile.cpp
17463       4      /CUSTOM/TOOLKIT/toolkit/include/FW/proj.h
 4666    7591      /CUSTOM/TOOLKIT/toolkit/lib/sgi32_daac_f77/libPGSTK.a
37402    7626      /CUSTOM/TOOLKIT/toolkit/lib/sgi32_daac_f90/libPGSTK.a
13118    7565      /CUSTOM/TOOLKIT/toolkit/lib/sgi32_scf_f77/libPGSTK.a
15758    7600      /CUSTOM/TOOLKIT/toolkit/lib/sgi32_scf_f90/libPGSTK.a
37400    9694      /CUSTOM/TOOLKIT/toolkit/lib/sgi64_daac_f77/libPGSTK.a
57832    9735      /CUSTOM/TOOLKIT/toolkit/lib/sgi64_daac_f90/libPGSTK.a
37689    9662      /CUSTOM/TOOLKIT/toolkit/lib/sgi64_scf_f77/libPGSTK.a
52164    9703      /CUSTOM/TOOLKIT/toolkit/lib/sgi64_scf_f90/libPGSTK.a
39574    6889      /CUSTOM/TOOLKIT/toolkit/lib/sgi_daac_f77/libPGSTK.a
19845    6900      /CUSTOM/TOOLKIT/toolkit/lib/sgi_daac_f90/libPGSTK.a
 2781    6880      /CUSTOM/TOOLKIT/toolkit/lib/sgi_scf_f77/libPGSTK.a
14066    6891      /CUSTOM/TOOLKIT/toolkit/lib/sgi_scf_f90/libPGSTK.a
28916      59      /CUSTOM/TOOLKIT/toolkit/message/.cmake.state
64977      13      /CUSTOM/TOOLKIT/toolkit/message/PGS_1
62386       8      /CUSTOM/TOOLKIT/toolkit/message/PGS_10
 3330       2      /CUSTOM/TOOLKIT/toolkit/message/PGS_11
```

```
18802      6      /CUSTOM/TOOLKIT/toolkit/message/PGS_12
37215     17      /CUSTOM/TOOLKIT/toolkit/message/PGS_13
30639      1      /CUSTOM/TOOLKIT/toolkit/message/PGS_14
59582      5      /CUSTOM/TOOLKIT/toolkit/message/PGS_3
15594     10      /CUSTOM/TOOLKIT/toolkit/message/PGS_4
 1178      2      /CUSTOM/TOOLKIT/toolkit/message/PGS_5
  665      4      /CUSTOM/TOOLKIT/toolkit/message/PGS_6
 9572      2      /CUSTOM/TOOLKIT/toolkit/message/PGS_7
31824      6      /CUSTOM/TOOLKIT/toolkit/message/PGS_9
  580      8      /CUSTOM/TOOLKIT/toolkit/message/PGS_AA_10.t
31254      5      /CUSTOM/TOOLKIT/toolkit/message/PGS_CBP_6.t
21558     10      /CUSTOM/TOOLKIT/toolkit/message/PGS_CSC_4.t
10104      2      /CUSTOM/TOOLKIT/toolkit/message/PGS_CUC_11.t
37460      1      /CUSTOM/TOOLKIT/toolkit/message/PGS_DEM_14.t
 5821      2      /CUSTOM/TOOLKIT/toolkit/message/PGS_EPH_5.t
 4062      7      /CUSTOM/TOOLKIT/toolkit/message/PGS_GCT_12.t
34488     18      /CUSTOM/TOOLKIT/toolkit/message/PGS_IO_1.t
 7957      2      /CUSTOM/TOOLKIT/toolkit/message/PGS_MEM_7.t
 5492     20      /CUSTOM/TOOLKIT/toolkit/message/PGS_MET_13.t
28754      6      /CUSTOM/TOOLKIT/toolkit/message/PGS_PC_9.t
61715      5      /CUSTOM/TOOLKIT/toolkit/message/PGS_TD_3.t
34480      7      /CUSTOM/TOOLKIT/toolkit/message/makefile
37440      7      /CUSTOM/TOOLKIT/toolkit/message/makefile.CM
37440      7      /CUSTOM/TOOLKIT/toolkit/message/makefile.CM.cpp
37052      7      /CUSTOM/TOOLKIT/toolkit/message/makefile.cpp
37686     50      /CUSTOM/TOOLKIT/toolkit/runtime/PCF.relB0.template
24330     23      /CUSTOM/TOOLKIT/toolkit/runtime/dec/PCF.ir1
49316     41      /CUSTOM/TOOLKIT/toolkit/runtime/dec/PCF.relA
36574     50      /CUSTOM/TOOLKIT/toolkit/runtime/dec/PCF.relB0
23910     23      /CUSTOM/TOOLKIT/toolkit/runtime/hp/PCF.ir1
48980     41      /CUSTOM/TOOLKIT/toolkit/runtime/hp/PCF.relA
36490     50      /CUSTOM/TOOLKIT/toolkit/runtime/hp/PCF.relB0
24390     23      /CUSTOM/TOOLKIT/toolkit/runtime/ibm/PCF.ir1
49364     41      /CUSTOM/TOOLKIT/toolkit/runtime/ibm/PCF.relA
36586     50      /CUSTOM/TOOLKIT/toolkit/runtime/ibm/PCF.relB0
24445     23      /CUSTOM/TOOLKIT/toolkit/runtime/sgi/PCF.ir1
49408     41      /CUSTOM/TOOLKIT/toolkit/runtime/sgi/PCF.relA
36597     50      /CUSTOM/TOOLKIT/toolkit/runtime/sgi/PCF.relB0
24950     23      /CUSTOM/TOOLKIT/toolkit/runtime/sgi32/PCF.ir1
49812     41      /CUSTOM/TOOLKIT/toolkit/runtime/sgi32/PCF.relA
36698     50      /CUSTOM/TOOLKIT/toolkit/runtime/sgi32/PCF.relB0
24975     23      /CUSTOM/TOOLKIT/toolkit/runtime/sgi64/PCF.ir1
49832     41      /CUSTOM/TOOLKIT/toolkit/runtime/sgi64/PCF.relA
36703     50      /CUSTOM/TOOLKIT/toolkit/runtime/sgi64/PCF.relB0
24800     23      /CUSTOM/TOOLKIT/toolkit/runtime/sun4/PCF.ir1
49692     41      /CUSTOM/TOOLKIT/toolkit/runtime/sun4/PCF.relA
36668     50      /CUSTOM/TOOLKIT/toolkit/runtime/sun4/PCF.relB0
24805     23      /CUSTOM/TOOLKIT/toolkit/runtime/sun5/PCF.ir1
49696     41      /CUSTOM/TOOLKIT/toolkit/runtime/sun5/PCF.relA
36669     50      /CUSTOM/TOOLKIT/toolkit/runtime/sun5/PCF.relB0
 1026      1      /CUSTOM/TOOLKIT/toolkit/src/.cmake.state
52073      9      /CUSTOM/TOOLKIT/toolkit/src/makefile
55312      9      /CUSTOM/TOOLKIT/toolkit/src/makefile.cpp
14812     10      /CUSTOM/TOOLKIT/toolkit/src/AA/.cmake.state
```

```
65349          8     /CUSTOM/TOOLKIT/toolkit/src/AA/makefile
 2446          8     /CUSTOM/TOOLKIT/toolkit/src/AA/makefile.cpp
 8102        451     /CUSTOM/TOOLKIT/toolkit/src/AA/DCW/.cmake.state
62013          6
                            /CUSTOM/TOOLKIT/toolkit/src/AA/DCW/PGS_AA_bindFO
                     RTRAN.c
60824         54     /CUSTOM/TOOLKIT/toolkit/src/AA/DCW/PGS_AA_dcw.c
32425          5     /CUSTOM/TOOLKIT/toolkit/src/AA/DCW/makefile
28100          5     /CUSTOM/TOOLKIT/toolkit/src/AA/DCW/makefile.cpp
34869       1865     /CUSTOM/TOOLKIT/toolkit/src/AA/VPF/.cmake.state
 1712         46     /CUSTOM/TOOLKIT/toolkit/src/AA/VPF/coorgeom.c
64158         37     /CUSTOM/TOOLKIT/toolkit/src/AA/VPF/linklist.c
60796          8     /CUSTOM/TOOLKIT/toolkit/src/AA/VPF/makefile
 5847          8     /CUSTOM/TOOLKIT/toolkit/src/AA/VPF/makefile.cpp
41997         54     /CUSTOM/TOOLKIT/toolkit/src/AA/VPF/set.c
33473         11     /CUSTOM/TOOLKIT/toolkit/src/AA/VPF/strfunc.c
27860         88     /CUSTOM/TOOLKIT/toolkit/src/AA/VPF/vpfprim2.c
56529         52     /CUSTOM/TOOLKIT/toolkit/src/AA/VPF/vpfquery.c
19578        110     /CUSTOM/TOOLKIT/toolkit/src/AA/VPF/vpfread.c
25508         68     /CUSTOM/TOOLKIT/toolkit/src/AA/VPF/vpfrelat.c
44140         52     /CUSTOM/TOOLKIT/toolkit/src/AA/VPF/vpfsprel.c
51365         23     /CUSTOM/TOOLKIT/toolkit/src/AA/VPF/vpfspx.c
53966         78     /CUSTOM/TOOLKIT/toolkit/src/AA/VPF/vpftable.c
34294        137     /CUSTOM/TOOLKIT/toolkit/src/AA/VPF/vpftidx.c
23790        115     /CUSTOM/TOOLKIT/toolkit/src/AA/VPF/vpfwrite.c
36796         33     /CUSTOM/TOOLKIT/toolkit/src/AA/VPF/vvmisc.c
 7926         81     /CUSTOM/TOOLKIT/toolkit/src/AA/VPF/vvselec.c
10466         99     /CUSTOM/TOOLKIT/toolkit/src/AA/VPF/vvspqry.c
44785         46     /CUSTOM/TOOLKIT/toolkit/src/AA/VPF/vvtheme.c
41771         30     /CUSTOM/TOOLKIT/toolkit/src/AA/VPF/vvutil.c
47227         85     /CUSTOM/TOOLKIT/toolkit/src/AA/VPF/xtiff.c
55508       9039     /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/.cmake.state
 5321          7     /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/afm2bfm.c
48837          2     /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/avlfree.c
55543          8     /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/avlins.c
36573         14     /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/byteswap.c
 4374          1     /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/changeva.c
49142         90     /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/checkvar.c
 5241          1     /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/compvar.c
23824         36     /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/cv_units.c
40776        111     /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/dbevents.c
64775          5     /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/dbfree.c
62764          2     /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/dbhdlen.c
47889         24     /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/dl_lists.c
 5255          5     /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/dupform.c
45849         81     /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/dvevents.c
20160         23     /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/eqn_util.c
57512         57     /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/error.c
48697        121     /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/eval_eqn.c
 3997          1     /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/expandva.c
 3747          6     /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/fflookup.c
 7111          7     /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/file2buf.c
59148         32     /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/fillhead.c
36349         30     /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/findfile.c
```

```
 3892        1      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/findpos.c
17788        3      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/findvar.c
 4186        1      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/fliparra.c
30175       48      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/formlist.c
41349       17      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/freeform.c
 4463        1      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/freeindx.c
24206        5      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/freeview.c
 8855        6      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/frm2vlst.c
13045        6      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/geo44tim.c
48411       11      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/get_doub.c
 2595       15      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/get_str.c
35827       11      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/get_val.c
65485        9      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/getcount.c
 4919        1      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/getdelim.c
47099       24      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/gethead.c
19394       22      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/getll.c
 8270       21      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/getllsym.c
17522        6      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/getnames.c
51870       51      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/gettrack.c
 4391        1      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/getvarsp.c
 5105        1      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/headform.c
45670       73      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/latlon.c
39928        8      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/make1
25508        7      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/makedbin.c
  954       20      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/makefile
26485       21      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/makefile.cpp
19675       41      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/makeform.c
12583       82      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/makehdf.c
13650       22      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/makeindx.c
25105        5      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/makeview.c
52785       20      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/maxmin.c
46345      113      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/memtrack.c
51114      165      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/menutil.c
63395       30      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/mkformat.c
20396       20      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/mkplist.c
38082       55      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/mkstdbin.c
 4122        1      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/mm_free.c
 4122        1      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/mm_get.c
  701       49      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/mm_make.c
 4154        1      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/mm_print.c
 4154        1      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/mm_set.c
32003      153      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/name_tab.c
36096      156      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/ndarray.c
59772       50      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/newform.c
38681       59      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/orient.c
33904       94      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/os_utils.c
23249       42      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/pntshow.c
11320       75      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/proclist.c
37494       12      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/qstack.c
52592       35      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/readfile.c
35417       52      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/seismic.c
11050       24      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/set_var.c
35942      220      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/setdbin.c
11255       21      /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/setview.c
```

```
 5705       1    /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/shoplist.c
15980      16    /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/showbox.c
41824      30    /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/showdbin.c
 8228      19    /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/showform.c
32753       5    /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/showvars.c
 7690       6    /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/showview.c
18928       4    /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/skiphead.c
50505      56    /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/sortpts.c
64657      41    /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/splitdat.c
38355      12    /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/stdform.c
44164      10    /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/str2bin.c
 3883       1    /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/strascii.c
20631      25    /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/stringdb.c
15561      12    /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/strnstr.c
 6588      14    /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/tag2rs.c
26963      78    /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/time.c
46845      15    /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/tytoty.c
 8562       9    /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/viewsize.c
55781       3    /CUSTOM/TOOLKIT/toolkit/src/AA/freeform/writform.c
64717    6358    /CUSTOM/TOOLKIT/toolkit/src/AA/generic/.cmake.state
59786      23    /CUSTOM/TOOLKIT/toolkit/src/AA/generic/PGS_AA_2DRead.c
 9856      23
                    /CUSTOM/TOOLKIT/toolkit/src/AA/generic/PGS_AA_2D
                 ReadF.c
 8680      21
                    /CUSTOM/TOOLKIT/toolkit/src/AA/generic/PGS_AA_2D
                 ReadGrid.c
20907      22
                    /CUSTOM/TOOLKIT/toolkit/src/AA/generic/PGS_AA_2D
                 ReadGridF.c
 8536      25    /CUSTOM/TOOLKIT/toolkit/src/AA/generic/PGS_AA_2Dgeo.c
65478      25    /CUSTOM/TOOLKIT/toolkit/src/AA/generic/PGS_AA_2DgeoF.c
10727      23    /CUSTOM/TOOLKIT/toolkit/src/AA/generic/PGS_AA_3DRead.c
14255      24
                    /CUSTOM/TOOLKIT/toolkit/src/AA/generic/PGS_AA_3D
                 ReadF.c
 8155      23
                    /CUSTOM/TOOLKIT/toolkit/src/AA/generic/PGS_AA_3D
                 ReadGrid.c
13665      23
                    /CUSTOM/TOOLKIT/toolkit/src/AA/generic/PGS_AA_3D
                 ReadGridF.c
38905      24    /CUSTOM/TOOLKIT/toolkit/src/AA/generic/PGS_AA_3Dgeo.c
34178      24    /CUSTOM/TOOLKIT/toolkit/src/AA/generic/PGS_AA_3DgeoF.c
57427       2    /CUSTOM/TOOLKIT/toolkit/src/AA/generic/PGS_AA_FF.c
59967      23
                    /CUSTOM/TOOLKIT/toolkit/src/AA/generic/PGS_AA_FF
                 _Setup.c
59904      47
                    /CUSTOM/TOOLKIT/toolkit/src/AA/generic/PGS_AA_GE
                 OGrid.c
 7980      48
                    /CUSTOM/TOOLKIT/toolkit/src/AA/generic/PGS_AA_GE
                 OGridF.c
```

```
37160      42      /CUSTOM/TOOLKIT/toolkit/src/AA/generic/PGS_AA_Map.c
15820      50
                      /CUSTOM/TOOLKIT/toolkit/src/AA/generic/PGS_AA_Op
               eration.c
13002      38      /CUSTOM/TOOLKIT/toolkit/src/AA/generic/PGS_AA_PeV.c
11909      55      /CUSTOM/TOOLKIT/toolkit/src/AA/generic/PGS_AA_PeVA.c
 2749       4
                      /CUSTOM/TOOLKIT/toolkit/src/AA/generic/PGS_AA_bi
               ndFORTRAN.c
20212      34      /CUSTOM/TOOLKIT/toolkit/src/AA/generic/PGS_AA_dem.c
39427      36      /CUSTOM/TOOLKIT/toolkit/src/AA/generic/PGS_AA_demF.c
25894      13      /CUSTOM/TOOLKIT/toolkit/src/AA/generic/makefile
30757      13      /CUSTOM/TOOLKIT/toolkit/src/AA/generic/makefile.cpp
49432    1216      /CUSTOM/TOOLKIT/toolkit/src/CBP/.cmake.state
60851      47      /CUSTOM/TOOLKIT/toolkit/src/CBP/PGS_CBP_ASCtoBIN.c
24500      44
                      /CUSTOM/TOOLKIT/toolkit/src/CBP/PGS_CBP_Earth_CB
               _Vector.c
10003     124      /CUSTOM/TOOLKIT/toolkit/src/CBP/PGS_CBP_EphemRead.c
22445      47
                      /CUSTOM/TOOLKIT/toolkit/src/CBP/PGS_CBP_Sat_CB_V
               ector.c
  561      30
                      /CUSTOM/TOOLKIT/toolkit/src/CBP/PGS_CBP_SolarTim
               eCoords.c
61611       4      /CUSTOM/TOOLKIT/toolkit/src/CBP/PGS_CBP_bindFORTRAN.c
27879     108      /CUSTOM/TOOLKIT/toolkit/src/CBP/PGS_CBP_body_inFOV.c
19157       9      /CUSTOM/TOOLKIT/toolkit/src/CBP/README.CBP
21584      10      /CUSTOM/TOOLKIT/toolkit/src/CBP/makefile
21325      10      /CUSTOM/TOOLKIT/toolkit/src/CBP/makefile.cpp
64249    6753      /CUSTOM/TOOLKIT/toolkit/src/CSC/.cmake.state
 8835      10      /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_BorkowskiGeo.c
25927      48      /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_DayNight.c
18364      67      /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_ECItoECR.c
24115      44      /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_ECItoORB.c
42013      50      /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_ECItoSC.c
 1395      65      /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_ECRtoECI.c
 6457      32      /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_ECRtoGEO.c
 5823      27      /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_EarthOccult.c
 1003      90      /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_Earthpt_FOV.c
64305      85
                      /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_Earthpt_
               FixedFOV.c
  195      20      /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_EulerToQuat.c
45534      26
                      /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_FOVconic
               alHull.c
 1946      24      /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_GEOtoECR.c
35316       6      /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_GeoCenToRect.c
58576      22
                      /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_GetEarth
               Figure.c
57428     122      /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_GetFOV_Pixel.c
 2395      47      /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_GrazingRay.c
```

```
48847      39
                       /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_Greenwic
               hHour.c
39426      16    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_J2000toTOD.c
13867      12    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_LookPoint.c
47249      15    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_LookTwice.c
64920       5    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_Norm.c
24780      44    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_ORBtoECI.c
 4402      46    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_ORBtoSC.c
26183      26
                       /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_PointInF
               OVgeom.c
30352      17    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_QuatToEuler.c
18876      10    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_QuatToMatrix.c
35251       6    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_RectToGeoCen.c
27638      23    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_Rotate3or6.c
48638      48    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_SCtoECI.c
53621      47    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_SCtoORB.c
39634      40    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_SpaceRefract.c
28031      64    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_SubSatPoint.c
37998      36
                       /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_SubSatPo
               intVel.c
31798      16    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_TODtoJ2000.c
41343      25    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_TiltYaw.c
25379      64    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_UT1_update.c
48757      41    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_UTC_UT1Pole.c
45057       6
                       /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_VecToVec
               Angle.c
22953      42
                       /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_ZenithAz
               imuth.c
20812      16    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_bindFORTRAN.c
 5148       3    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_crossProduct.c
64254       2    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_dotProduct.c
64855      16
                       /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_getECIto
               ORBquat.c
43370      15
                       /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_getORBto
               ECIquat.c
14802       6    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_getQuats.c
22086      29    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_nutate2000.c
23635      26    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_precs2000.c
 4451      13    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_quatMultiply.c
27766      12    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_quatRotate.c
16404       6    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_quickWahr.c
51335      40    /CUSTOM/TOOLKIT/toolkit/src/CSC/PGS_CSC_wahr2.c
35272      24    /CUSTOM/TOOLKIT/toolkit/src/CSC/makefile
54343      24    /CUSTOM/TOOLKIT/toolkit/src/CSC/makefile.cpp
33351       7    /CUSTOM/TOOLKIT/toolkit/src/CSC/offsets_notes.txt
23611      28    /CUSTOM/TOOLKIT/toolkit/src/CSC/update_utcpole.sh
45602      32    /CUSTOM/TOOLKIT/toolkit/src/CSC/update_utcpole_CC.sh
```

```
 6853    558     /CUSTOM/TOOLKIT/toolkit/src/CUC/.cmake.state
 8766     15     /CUSTOM/TOOLKIT/toolkit/src/CUC/PGS_CUC_Cons.c
20760     16     /CUSTOM/TOOLKIT/toolkit/src/CUC/PGS_CUC_Conv.c
27579      3     /CUSTOM/TOOLKIT/toolkit/src/CUC/PGS_CUC_bindFORTRAN.c
21537      8     /CUSTOM/TOOLKIT/toolkit/src/CUC/makefile
10671      8     /CUSTOM/TOOLKIT/toolkit/src/CUC/makefile.cpp
18557   1951     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/.cmake.state
59759     11     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/Makefile
16015     43     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/a_nodesa.c
48814     14     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/ag_nodesag.c
54634     18     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/ao_nodesao.c
38302      9     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/comments.c
44992     54     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/cvtvalue.c
35792     54     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/fmtvalue.c
40626    106     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/lexan.c
43926     13     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/makefile.com
 5713     11     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/makefile.cpp
    0      0     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/odl.tar
 5454     41     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/odl2.l
27294     21     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/odl2.y
    0      0     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/odlc_doc.txt
    0      0     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/odlc_mods.txt
 5981     14     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/output.c
12427     30     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/p_nodesp.c
48147     41     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/parsact.c
46741     53     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/parser.c
20445     30     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/prtlabel.c
26794      6     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/prtsrc.c
64873      9     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/rdlabel.c
29026      9     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/rdvalue.c
39227      5     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/toolout.c
61281     30     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/v_nodesv.c
56167     33     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/wrtlabel.c
64447      6     /CUSTOM/TOOLKIT/toolkit/src/CUC/ODL/wrtsrc.c
26907    400     /CUSTOM/TOOLKIT/toolkit/src/CUC/UDUNITS/.cmake.state
 7613      2     /CUSTOM/TOOLKIT/toolkit/src/CUC/UDUNITS/COPYRIGHT
16253      1     /CUSTOM/TOOLKIT/toolkit/src/CUC/UDUNITS/ORIGIN
45741      3     /CUSTOM/TOOLKIT/toolkit/src/CUC/UDUNITS/README
  302      1     /CUSTOM/TOOLKIT/toolkit/src/CUC/UDUNITS/VERSION
22107      3     /CUSTOM/TOOLKIT/toolkit/src/CUC/UDUNITS/limits.h
54059      6     /CUSTOM/TOOLKIT/toolkit/src/CUC/UDUNITS/makefile
60978      6     /CUSTOM/TOOLKIT/toolkit/src/CUC/UDUNITS/makefile.cpp
10407      4     /CUSTOM/TOOLKIT/toolkit/src/CUC/UDUNITS/udalloc.c
34634     84     /CUSTOM/TOOLKIT/toolkit/src/CUC/UDUNITS/utlib.c
 3901     38     /CUSTOM/TOOLKIT/toolkit/src/CUC/UDUNITS/utparse.c
24651    102     /CUSTOM/TOOLKIT/toolkit/src/CUC/UDUNITS/utscan.c
22836   8290     /CUSTOM/TOOLKIT/toolkit/src/DEM/.cmake.state
47146     26     /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_AccessFile.c
20190      8     /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_Close.c
31456      6     /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_DataPresent.c
51608     35     /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_ExtentRegion.c
 7136     69
                 /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_ExtractR
          egion.c
```

```
 1434     13
                    /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_GetBound
              ingPnts.c
40288     35     /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_GetMetadata.c
 7653     60     /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_GetPoint.c
 2143     28
                    /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_GetQuali
              tyData.c
32152     33     /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_GetRegion.c
10742     15     /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_GetSize.c
61227     29     /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_Interpolate.c
18655     32     /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_Lookup.c
 6497     11     /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_Open.c
10154      7     /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_OrderIndices.c
37476     11
                    /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_OrderInd
              icesSum.c
31784     14
                    /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_OrderInd
              icesSumDeg.c
30045     14
                    /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_OrderInd
              icesSumPix.c
27266     11     /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_OrderSubset.c
54455     20     /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_Populate.c
31388     38
                    /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_Recursiv
              eSearchBil.c
50969     89
                    /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_Recursiv
              eSearchDeg.c
46092     89
                    /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_Recursiv
              eSearchPix.c
12189      7
                    /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_ReplaceF
              illPoints.c
40627     35
                    /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_ReplaceF
              illPointsFlt32.c
40277     35
                    /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_ReplaceF
              illPointsInt16.c
44369     35
                    /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_ReplaceF
              illPointsInt8.c
57664     25     /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_SortModels.c
63618     65     /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_Subset.c
46738      3
                    /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_WriteDeg
              reeToPixel.c
 5108      6
                    /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_WriteSub
              gridCalculator.c
```

```
53663        6    /CUSTOM/TOOLKIT/toolkit/src/DEM/PGS_DEM_bindFORTRAN.c
 9216       15    /CUSTOM/TOOLKIT/toolkit/src/DEM/makefile
16368       15    /CUSTOM/TOOLKIT/toolkit/src/DEM/makefile.cpp
40066     2053    /CUSTOM/TOOLKIT/toolkit/src/EPH/.cmake.state
48157        2    /CUSTOM/TOOLKIT/toolkit/src/EPH/PGS_EPH_5.f
39660      100    /CUSTOM/TOOLKIT/toolkit/src/EPH/PGS_EPH_EphemAttit.c
52793       51    /CUSTOM/TOOLKIT/toolkit/src/EPH/PGS_EPH_GetEphMet.c
18622       31    /CUSTOM/TOOLKIT/toolkit/src/EPH/PGS_EPH_GetEphMetF.f
13415       25
                         /CUSTOM/TOOLKIT/toolkit/src/EPH/PGS_EPH_GetSpace
                  craftData.c
21247       21    /CUSTOM/TOOLKIT/toolkit/src/EPH/PGS_EPH_ManageMasks.c
24621        5    /CUSTOM/TOOLKIT/toolkit/src/EPH/PGS_EPH_bindFORTRAN.c
47780        8
                         /CUSTOM/TOOLKIT/toolkit/src/EPH/PGS_EPH_fileHand
                  lingStuff.c
29208       13
                         /CUSTOM/TOOLKIT/toolkit/src/EPH/PGS_EPH_getAttit
                  Headers.c
58078       21
                         /CUSTOM/TOOLKIT/toolkit/src/EPH/PGS_EPH_getAttit
                  Records.c
 6785       11
                         /CUSTOM/TOOLKIT/toolkit/src/EPH/PGS_EPH_getEphem
                  Headers.c
60858       21
                         /CUSTOM/TOOLKIT/toolkit/src/EPH/PGS_EPH_getEphem
                  Records.c
36800        3    /CUSTOM/TOOLKIT/toolkit/src/EPH/PGS_EPH_getToken.c
29609       26
                         /CUSTOM/TOOLKIT/toolkit/src/EPH/PGS_EPH_interpol
                  ateAttitude.c
38634       11
                         /CUSTOM/TOOLKIT/toolkit/src/EPH/PGS_EPH_interpol
                  atePosVel.c
59825       13    /CUSTOM/TOOLKIT/toolkit/src/EPH/makefile
10197       11    /CUSTOM/TOOLKIT/toolkit/src/EPH/makefile.cpp
30058      653    /CUSTOM/TOOLKIT/toolkit/src/EPH/orbsim/.cmake.state
46052       33
                         /CUSTOM/TOOLKIT/toolkit/src/EPH/orbsim/PGS_EPH_T
                  ransformBodyRates.c
47972       24
                         /CUSTOM/TOOLKIT/toolkit/src/EPH/orbsim/PGS_EPH_a
                  ttOrbSim.c
11949       26
                         /CUSTOM/TOOLKIT/toolkit/src/EPH/orbsim/PGS_EPH_a
                  ttitudeNoise.c
39455        3
                         /CUSTOM/TOOLKIT/toolkit/src/EPH/orbsim/PGS_EPH_c
                  allSim.c
30942        5
                         /CUSTOM/TOOLKIT/toolkit/src/EPH/orbsim/PGS_EPH_g
                  etQuats.c
```

```
22269      5
                    /CUSTOM/TOOLKIT/toolkit/src/EPH/orbsim/PGS_EPH_m
          atrixMultiply.c
50068     26
                    /CUSTOM/TOOLKIT/toolkit/src/EPH/orbsim/PGS_EPH_o
          rbSim.c
63002     22
                    /CUSTOM/TOOLKIT/toolkit/src/EPH/orbsim/PGS_EPH_o
          rbitalElements.c
31515     18   /CUSTOM/TOOLKIT/toolkit/src/EPH/orbsim/chkeph.c
13882     10   /CUSTOM/TOOLKIT/toolkit/src/EPH/orbsim/makefile
37828     11   /CUSTOM/TOOLKIT/toolkit/src/EPH/orbsim/makefile.cpp
47057     99   /CUSTOM/TOOLKIT/toolkit/src/EPH/orbsim/orbsim.c
54488     31
                    /CUSTOM/TOOLKIT/toolkit/src/EPH/orbsim/sgi/PGS_E
          PH_TransformBodyRates.o
  482     28
                    /CUSTOM/TOOLKIT/toolkit/src/EPH/orbsim/sgi/PGS_E
          PH_attOrbSim.o
  744     30
                    /CUSTOM/TOOLKIT/toolkit/src/EPH/orbsim/sgi/PGS_E
          PH_attitudeNoise.o
60115     21
                    /CUSTOM/TOOLKIT/toolkit/src/EPH/orbsim/sgi/PGS_E
          PH_getQuats.o
54169     19
                    /CUSTOM/TOOLKIT/toolkit/src/EPH/orbsim/sgi/PGS_E
          PH_matrixMultiply.o
49772     27
                    /CUSTOM/TOOLKIT/toolkit/src/EPH/orbsim/sgi/PGS_E
          PH_orbSim.o
36116     39
                    /CUSTOM/TOOLKIT/toolkit/src/EPH/orbsim/sgi/PGS_E
          PH_orbitalElements.o
43529    116   /CUSTOM/TOOLKIT/toolkit/src/EPH/orbsim/sgi/orbsim.o
14201    446   /CUSTOM/TOOLKIT/toolkit/src/GCT/.cmake.state
41191    100   /CUSTOM/TOOLKIT/toolkit/src/GCT/PGS_GCT_Init.c
 6736     43   /CUSTOM/TOOLKIT/toolkit/src/GCT/PGS_GCT_Proj.c
28260      3   /CUSTOM/TOOLKIT/toolkit/src/GCT/PGS_GCT_bindFORTRAN.c
46859      7   /CUSTOM/TOOLKIT/toolkit/src/GCT/makefile
43454      7   /CUSTOM/TOOLKIT/toolkit/src/GCT/makefile.cpp
30688  13111   /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/.cmake.state
42793      8   /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/alberfor.c
44883     11   /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/alberinv.c
40243     10   /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/alconfor.c
64971     13   /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/alconinv.c
 8715      8   /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/azimfor.c
 5822      7   /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/aziminv.c
60372      2   /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/br_gctp.c
42312     23   /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/cproj.c
55732      9   /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/eqconfor.c
 5795      9   /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/eqconinv.c
 4949      6   /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/equifor.c
 7936      6   /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/equiinv.c
```

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30346     37    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/for_init.c
60455      7    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/gnomfor.c
20953      8    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/gnominv.c
20397     12    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/goodfor.c
12248     14    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/goodinv.c
24374      8    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/gvnspfor.c
65279      9    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/gvnspinv.c
22414      6    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/hamfor.c
19024      6    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/haminv.c
 7714     10    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/imolwfor.c
25910      9    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/imolwinv.c
11136     37    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/inv_init.c
 2687     37    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/isinusfor.c
13576     37    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/isinusinv.c
48270      8    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/lamazfor.c
57618      9    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/lamazinv.c
52750     12    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/lamccfor.c
23634     10    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/lamccinv.c
39836     21    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/makefile
 8402     22    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/makefile.cpp
54528      7    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/merfor.c
42874      7    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/merinv.c
22753      6    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/millfor.c
20342      6    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/millinv.c
60973      7    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/molwfor.c
25879      6    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/molwinv.c
 7303      7    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/obleqfor.c
13864      7    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/obleqinv.c
18012     15    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/omerfor.c
 1840     15    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/omerinv.c
48785      7    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/orthfor.c
 3868      7    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/orthinv.c
51735      6    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/paksz.c
64716      7    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/polyfor.c
59505      7    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/polyinv.c
14481      8    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/psfor.c
25563      8    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/psinv.c
 5606     18    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/report.c
52640     10    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/robfor.c
28878     13    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/robinv.c
10345      6    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/sinfor.c
22904      6    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/sininv.c
54143     16    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/somfor.c
50024     14    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/sominv.c
39639     11    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/sphdz.c
49978      7    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/sterfor.c
 2645      7    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/sterinv.c
37481     15    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/stplnfor.c
42920     15    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/stplninv.c
62638     11    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/tmfor.c
43329     12    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/tminv.c
60553      4    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/untfz.c
49218     11    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/utmfor.c
34717     12    /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/utminv.c
```

```
21248       8      /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/vandgfor.c
 1917       8      /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/vandginv.c
23825       6      /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/wivfor.c
48142       5      /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/wivinv.c
63227       6      /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/wviifor.c
 2359       6      /CUSTOM/TOOLKIT/toolkit/src/GCT/freeware/wviiinv.c
33889      11      /CUSTOM/TOOLKIT/toolkit/src/IO/.cmake.state
55728       6      /CUSTOM/TOOLKIT/toolkit/src/IO/makefile
60634       6      /CUSTOM/TOOLKIT/toolkit/src/IO/makefile.cpp
40997    1326      /CUSTOM/TOOLKIT/toolkit/src/IO/GEN/.cmake.state
 4772      10      /CUSTOM/TOOLKIT/toolkit/src/IO/GEN/PGS_IO.f
53831      14      /CUSTOM/TOOLKIT/toolkit/src/IO/GEN/PGS_IO_1.f
33275       8      /CUSTOM/TOOLKIT/toolkit/src/IO/GEN/PGS_IO_Gen_Close.c
32942      13      /CUSTOM/TOOLKIT/toolkit/src/IO/GEN/PGS_IO_Gen_CloseF.f
14289      31      /CUSTOM/TOOLKIT/toolkit/src/IO/GEN/PGS_IO_Gen_Open.c
62338      36      /CUSTOM/TOOLKIT/toolkit/src/IO/GEN/PGS_IO_Gen_OpenF.f
40476      47
                        /CUSTOM/TOOLKIT/toolkit/src/IO/GEN/PGS_IO_Gen_Op
                   enF90.f
57720      14
                        /CUSTOM/TOOLKIT/toolkit/src/IO/GEN/PGS_IO_Gen_Te
                   mp_Delete.c
43082      35
                        /CUSTOM/TOOLKIT/toolkit/src/IO/GEN/PGS_IO_Gen_Te
                   mp_Open.c
57361      46
                        /CUSTOM/TOOLKIT/toolkit/src/IO/GEN/PGS_IO_Gen_Te
                   mp_OpenF.f
64007      57
                        /CUSTOM/TOOLKIT/toolkit/src/IO/GEN/PGS_IO_Gen_Te
                   mp_OpenF90.f
31446      69
                        /CUSTOM/TOOLKIT/toolkit/src/IO/GEN/PGS_IO_Gen_Te
                   mp_Reference.c
15711      12
                        /CUSTOM/TOOLKIT/toolkit/src/IO/GEN/PGS_IO_Gen_Tr
                   ack_LUN.f
59579      11      /CUSTOM/TOOLKIT/toolkit/src/IO/GEN/PGS_PC.f
 5326       7      /CUSTOM/TOOLKIT/toolkit/src/IO/GEN/PGS_PC_9.f
35892      14      /CUSTOM/TOOLKIT/toolkit/src/IO/GEN/PGS_SMF.f
27707      16      /CUSTOM/TOOLKIT/toolkit/src/IO/GEN/makefile
55815      11      /CUSTOM/TOOLKIT/toolkit/src/IO/GEN/makefile.cpp
58498    3193      /CUSTOM/TOOLKIT/toolkit/src/IO/L0/.cmake.state
16616       3
                        /CUSTOM/TOOLKIT/toolkit/src/IO/L0/PGS_IO_L0_BYTE
                   toINT.c
16099      10      /CUSTOM/TOOLKIT/toolkit/src/IO/L0/PGS_IO_L0_Close.c
63544      41
                        /CUSTOM/TOOLKIT/toolkit/src/IO/L0/PGS_IO_L0_File
                   VersionInfo.c
10441      18
                        /CUSTOM/TOOLKIT/toolkit/src/IO/L0/PGS_IO_L0_GetE
                   OSAMfileTimes.c
```

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64461    46
                 /CUSTOM/TOOLKIT/toolkit/src/IO/L0/PGS_IO_L0_GetH
          eader.c
22470    43
                 /CUSTOM/TOOLKIT/toolkit/src/IO/L0/PGS_IO_L0_GetP
          acket.c
50227    18
                 /CUSTOM/TOOLKIT/toolkit/src/IO/L0/PGS_IO_L0_Mana
          geTable.c
52271    14
                 /CUSTOM/TOOLKIT/toolkit/src/IO/L0/PGS_IO_L0_MapV
          ersions.c
63860    12
                 /CUSTOM/TOOLKIT/toolkit/src/IO/L0/PGS_IO_L0_Next
          Physical.c
50626    30   /CUSTOM/TOOLKIT/toolkit/src/IO/L0/PGS_IO_L0_Open.c
34711    35
                 /CUSTOM/TOOLKIT/toolkit/src/IO/L0/PGS_IO_L0_Seek
          Packet.c
35152    20   /CUSTOM/TOOLKIT/toolkit/src/IO/L0/PGS_IO_L0_SetStart.c
54663    26
                 /CUSTOM/TOOLKIT/toolkit/src/IO/L0/PGS_IO_L0_SetS
          tartCntPkts.c
38406    13
                 /CUSTOM/TOOLKIT/toolkit/src/IO/L0/PGS_IO_L0_TRMM
          _HdrInfo.c
 1675    13
                 /CUSTOM/TOOLKIT/toolkit/src/IO/L0/PGS_IO_L0_Vers
          ionInfoCheck.c
 9193     5
                 /CUSTOM/TOOLKIT/toolkit/src/IO/L0/PGS_IO_L0_bind
          FORTRAN_L0.c
26717    12   /CUSTOM/TOOLKIT/toolkit/src/IO/L0/makefile
28742    12   /CUSTOM/TOOLKIT/toolkit/src/IO/L0/makefile.cpp
37402  1455   /CUSTOM/TOOLKIT/toolkit/src/IO/L0/L0sim/.cmake.state
36871    72   /CUSTOM/TOOLKIT/toolkit/src/IO/L0/L0sim/L0sim.c
49808    14
                 /CUSTOM/TOOLKIT/toolkit/src/IO/L0/L0sim/PGS_IO_L
          0_EDOS_hdr_Sim.c
62873    71
                 /CUSTOM/TOOLKIT/toolkit/src/IO/L0/L0sim/PGS_IO_L
          0_File_Sim.c
 6749     3
                 /CUSTOM/TOOLKIT/toolkit/src/IO/L0/L0sim/PGS_IO_L
          0_L0Sim_bindFORTRAN.c
17694    22
                 /CUSTOM/TOOLKIT/toolkit/src/IO/L0/L0sim/PGS_IO_L
          0_SFDU_Sim.c
31141     3
                 /CUSTOM/TOOLKIT/toolkit/src/IO/L0/L0sim/PGS_IO_L
          0_sortArrayIndices.c
12921    10   /CUSTOM/TOOLKIT/toolkit/src/IO/L0/L0sim/makefile
11598    10   /CUSTOM/TOOLKIT/toolkit/src/IO/L0/L0sim/makefile.cpp
 3351   847   /CUSTOM/TOOLKIT/toolkit/src/MEM/.cmake.state
```

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13202      75      /CUSTOM/TOOLKIT/toolkit/src/MEM/PGS_MEM.c
15410      85      /CUSTOM/TOOLKIT/toolkit/src/MEM/PGS_MEM1.c
32972      10      /CUSTOM/TOOLKIT/toolkit/src/MEM/PGS_MEM_ShmReadF.c
31809      10      /CUSTOM/TOOLKIT/toolkit/src/MEM/PGS_MEM_ShmWriteF.c
31278       3      /CUSTOM/TOOLKIT/toolkit/src/MEM/PGS_MEM_bindFORTRAN.c
63036       8      /CUSTOM/TOOLKIT/toolkit/src/MEM/makefile
60880       8      /CUSTOM/TOOLKIT/toolkit/src/MEM/makefile.cpp
31886      11      /CUSTOM/TOOLKIT/toolkit/src/MET/.cmake.state
 4079       6      /CUSTOM/TOOLKIT/toolkit/src/MET/makefile
 9598       6      /CUSTOM/TOOLKIT/toolkit/src/MET/makefile.cpp
35061    2844      /CUSTOM/TOOLKIT/toolkit/src/MET/support/.cmake.state
 6389      11

                   /CUSTOM/TOOLKIT/toolkit/src/MET/support/PGS_MET_
           CheckAgainstDD.c
65476      63

                   /CUSTOM/TOOLKIT/toolkit/src/MET/support/PGS_MET_
           CheckAttr.c
49073      52

                   /CUSTOM/TOOLKIT/toolkit/src/MET/support/PGS_MET_
           ConvertToMCF.c
12252      12

                   /CUSTOM/TOOLKIT/toolkit/src/MET/support/PGS_MET_
           ConvertToOdl.c
 7115       8

                   /CUSTOM/TOOLKIT/toolkit/src/MET/support/PGS_MET_
           ErrorMsg.c
11297      12

                   /CUSTOM/TOOLKIT/toolkit/src/MET/support/PGS_MET_
           GetConfigByLabel.c
61976      26

                   /CUSTOM/TOOLKIT/toolkit/src/MET/support/PGS_MET_
           GetDDAttr.c
13110      20

                   /CUSTOM/TOOLKIT/toolkit/src/MET/support/PGS_MET_
           HDFToODL.c
55139      52

                   /CUSTOM/TOOLKIT/toolkit/src/MET/support/PGS_MET_
           LoadAggregate.c
40382       7

                   /CUSTOM/TOOLKIT/toolkit/src/MET/support/PGS_MET_
           NameAndClass.c
64763      13

                   /CUSTOM/TOOLKIT/toolkit/src/MET/support/PGS_MET_
           RetrieveConfigData.c
46206      33

                   /CUSTOM/TOOLKIT/toolkit/src/MET/support/PGS_MET_
           SearchAttr.c
 7863      32

                   /CUSTOM/TOOLKIT/toolkit/src/MET/support/PGS_MET_
           SearchAttrF.c
23506       9      /CUSTOM/TOOLKIT/toolkit/src/MET/support/makefile
33998       9      /CUSTOM/TOOLKIT/toolkit/src/MET/support/makefile.cpp
 2922    2506      /CUSTOM/TOOLKIT/toolkit/src/MET/tools/.cmake.state
```

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9883        22
                    /CUSTOM/TOOLKIT/toolkit/src/MET/tools/PGS_MET_Ge
            tConfigData.c
39453       22
                    /CUSTOM/TOOLKIT/toolkit/src/MET/tools/PGS_MET_Ge
            tConfigDataF.c
54697       94
                    /CUSTOM/TOOLKIT/toolkit/src/MET/tools/PGS_MET_Ge
            tPCAttr.c
53048       94
                    /CUSTOM/TOOLKIT/toolkit/src/MET/tools/PGS_MET_Ge
            tPCAttrF.c
62634       67
                    /CUSTOM/TOOLKIT/toolkit/src/MET/tools/PGS_MET_Ge
            tSetAttr.c
63521       67
                    /CUSTOM/TOOLKIT/toolkit/src/MET/tools/PGS_MET_Ge
            tSetAttrF.c
20288       56    /CUSTOM/TOOLKIT/toolkit/src/MET/tools/PGS_MET_Init.c
20991        7    /CUSTOM/TOOLKIT/toolkit/src/MET/tools/PGS_MET_Remove.c
22225       89
                    /CUSTOM/TOOLKIT/toolkit/src/MET/tools/PGS_MET_Se
            tAttr.c
  358       98
                    /CUSTOM/TOOLKIT/toolkit/src/MET/tools/PGS_MET_Se
            tAttrF.c
25526       72    /CUSTOM/TOOLKIT/toolkit/src/MET/tools/PGS_MET_Write.c
25544       10
                    /CUSTOM/TOOLKIT/toolkit/src/MET/tools/PGS_MET_bi
            ndFORTRAN.c
58582        8    /CUSTOM/TOOLKIT/toolkit/src/MET/tools/makefile
57148        8    /CUSTOM/TOOLKIT/toolkit/src/MET/tools/makefile.cpp
61198     6788    /CUSTOM/TOOLKIT/toolkit/src/PC/.cmake.state
44091       12    /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_AdvanceArea.c
40621       22    /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_AdvanceToLoc.c
18302       14    /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_BuildAttribute.c
26010       24    /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_BuildFileShm.c
63041        8
                    /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_BuildNumer
            icInput.c
 7899       13    /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_CalcArrayIndex.c
57562      123    /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_Check.c
 5879       13    /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_CheckFlags.c
56458       17    /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_DeleteFileShm.c
 9127       14
                    /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_FindDefaul
            tLocLine.c
36433        9    /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_FixBuffer.c
 1467       14    /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GenUniqueID.c
 4548       14    /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GetConfigData.c
38465       12
                    /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GetConfigD
            ataCom.c
40652       31    /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GetDataFromShm.c
```

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30141     27     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GetFileAttr.c
33607     22     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GetFileAttrCom.c
 1944     21     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GetFileByAttr.c
47868     22     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GetFileByAttrF.c
33120     14     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GetFileFromShm.c
    6     26     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GetFileName.c
 3028     19     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GetFileSize.c
17373     13     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GetFileSizeCom.c
18815     22     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GetIndex.c
43899     17
                     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GetNumberO
                 fFiles.c
57274     12
                     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GetNumberO
                 fFilesCom.c
61193     23     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GetPCEnv.c
29867     11     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GetPCFTemp.c
14954     27     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GetPCSData.c
 7902     20     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GetReference.c
57616     17
                     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GetReferen
                 ceCom.c
25229     20
                     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GetReferen
                 ceType.c
16830     14     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GetRequest.c
 9720     21
                     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GetTempRef
                 erenceCom.c
22938     21
                     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_GetUnivers
                 alRef.c
53185    135     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_InitCom.c
57676     27     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_InsertCheck.c
60006     32     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_LocateEntry.c
55936     28     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_MarkAtTerm.c
30658     29
                     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_MarkRuntim
                 eAscii.c
21943     25     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_MarkRuntimeShm.c
42596     14     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_MultiRuntimes.c
22010     13     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_OneMarkRuntime.c
 1658     12     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_OpenFiles.c
 5929     12     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_OpenPCSFile.c
 3258     20     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_PutDataInShm.c
 4828     20     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_PutInArea.c
49185     29     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_PutPCSData.c
60856     53     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_RetrieveData.c
43337     64     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_SearchShm.c
18980     34     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_Shell.sh
61330     24     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_SkipCheck.c
25353     12     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_TempDeleteCom.c
 9028     85     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_TermCom.c
 7644     36     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_WriteNewToShm.c
```

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52311      6     /CUSTOM/TOOLKIT/toolkit/src/PC/PGS_PC_bindFORTRAN.c
33861     29     /CUSTOM/TOOLKIT/toolkit/src/PC/makefile
63902     29     /CUSTOM/TOOLKIT/toolkit/src/PC/makefile.cpp
46500     21     /CUSTOM/TOOLKIT/toolkit/src/PC/pccheck.sh
60307   2120     /CUSTOM/TOOLKIT/toolkit/src/SMF/.cmake.state
50537    469     /CUSTOM/TOOLKIT/toolkit/src/SMF/PGS_SMF.c
37136     11     /CUSTOM/TOOLKIT/toolkit/src/SMF/PGS_SMF1.c
 3214     17     /CUSTOM/TOOLKIT/toolkit/src/SMF/PGS_SMF_CacheMsgDynm.c
44860     65     /CUSTOM/TOOLKIT/toolkit/src/SMF/PGS_SMF_Comm.c
59496    320     /CUSTOM/TOOLKIT/toolkit/src/SMF/PGS_SMF_Comp.c
55701      6
                 /CUSTOM/TOOLKIT/toolkit/src/SMF/PGS_SMF_GetToolk
                 itVersion.c
37751     25
                 /CUSTOM/TOOLKIT/toolkit/src/SMF/PGS_SMF_Initiali
                 zeLogging.c
55471      7     /CUSTOM/TOOLKIT/toolkit/src/SMF/PGS_SMF_LogPID.c
41499     28
                 /CUSTOM/TOOLKIT/toolkit/src/SMF/PGS_SMF_LoggingC
                 ontrol.c
63962     20
                 /CUSTOM/TOOLKIT/toolkit/src/SMF/PGS_SMF_ManageLo
                 gControlList.c
23224     57
                 /CUSTOM/TOOLKIT/toolkit/src/SMF/PGS_SMF_SendRunt
                 imeData.c
11342     56
                 /CUSTOM/TOOLKIT/toolkit/src/SMF/PGS_SMF_SendStat
                 usReport.c
44729     12     /CUSTOM/TOOLKIT/toolkit/src/SMF/PGS_SMF_TraceControl.c
38242      9     /CUSTOM/TOOLKIT/toolkit/src/SMF/PGS_SMF_bindFORTRAN.c
 8034     12     /CUSTOM/TOOLKIT/toolkit/src/SMF/makefile
11733     12     /CUSTOM/TOOLKIT/toolkit/src/SMF/makefile.cpp
 3753   7519     /CUSTOM/TOOLKIT/toolkit/src/TD/.cmake.state
21828     12     /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_ADEOSIItoTAI.c
16267     17     /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_ADEOSIItoUTC.c
23193     19     /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_ASCIItime_AtoB.c
23366     20     /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_ASCIItime_BtoA.c
56902     23     /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_EOSAMtoTAI.c
22842     18     /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_EOSAMtoUTC.c
13466     13     /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_EOSPMtoTAI.c
29237     21     /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_EOSPMtoUTC.c
40672     31     /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_FGDCtoUTC.c
41136     17     /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_GPStoUTC.c
42958     16     /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_ISOinttoTAI.c
 3970     20     /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_ISOinttoUTCjd.c
29015     14     /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_JDtoMJD.c
18253     13     /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_JDtoTJD.c
65128     13
                 /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_JulianDate
                 Split.c
14326     50     /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_LeapSec.c
28019     14     /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_MJDtoJD.c
55351     16     /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_ManageTMDF.c
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62841    13    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_ManageUTCF.c
16541    51    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_NewLeap.c
12097    23    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_PB5CtoUTCjd.c
49258    24    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_PB5toTAI.c
42448    24    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_PB5toUTCjd.c
32627    29    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_SCtime_to_UTC.c
35912    16    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_TAIjdtoTAI.c
40236    13    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_TAIjdtoTDTjed.c
47467    32    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_TAIjdtoUTCjd.c
43920    19    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_TAItoGAST.c
52552    14    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_TAItoISOint.c
35829    16    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_TAItoTAIjd.c
30802     7    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_TAItoUDTF.c
18117    26    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_TAItoUT1jd.c
49850    31    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_TAItoUT1pole.c
56591    31    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_TAItoUTC.c
37785    19    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_TAItoUTCjd.c
55832    16    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_TDBjedtoTDTjed.c
65021    13    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_TDTjedtoTAIjd.c
29507    17    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_TDTjedtoTDBjed.c
15298    13    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_TJDtoJD.c
33679    19    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_TRMMtoTAI.c
46580    22    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_TRMMtoUTC.c
 8461     8    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_TimeInterval.c
60234     6    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UDTFtoTAI.c
18975    10    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UDTFtoUTCjd.c
53313    38    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UT1jdtoUTCjd.c
 6187    15    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UTC_to_SCtime.c
42627    19    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UTCjdtoISOint.c
50062    24    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UTCjdtoPB5.c
55446    24    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UTCjdtoPB5C.c
56986    46    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UTCjdtoTAIjd.c
61557     8    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UTCjdtoUDTF.c
17793    36    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UTCjdtoUT1jd.c
59136    28    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UTCjdtoUTC.c
25881    19    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UTCtoADEOSII.c
63279    26    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UTCtoEOSAM.c
 4661    30    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UTCtoEOSPM.c
32807    31    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UTCtoFGDC.c
14779    20    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UTCtoGPS.c
52959    24    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UTCtoTAI.c
14898    26    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UTCtoTAIjd.c
16706    28    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UTCtoTDBjed.c
51401    31    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UTCtoTDTjed.c
32215    30    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UTCtoTRMM.c
52759    34    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UTCtoUT1.c
 6374    28    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UTCtoUT1jd.c
26791    26    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_UTCtoUTCjd.c
44325    23    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_bindFORTRAN.c
 4181    10    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_calday.c
 9428    19    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_gast.c
 1631    23    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_gmst.c
37042     9    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_julday.c
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30839        3
                          /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_sortArrayI
             ndices.c
 6718       32    /CUSTOM/TOOLKIT/toolkit/src/TD/PGS_TD_timeCheck.c
24922       30    /CUSTOM/TOOLKIT/toolkit/src/TD/makefile
53306       30    /CUSTOM/TOOLKIT/toolkit/src/TD/makefile.cpp
40710       36    /CUSTOM/TOOLKIT/toolkit/src/TD/time_notes.txt
 5354       23    /CUSTOM/TOOLKIT/toolkit/src/TD/update_leapsec.sh
 6497       27    /CUSTOM/TOOLKIT/toolkit/src/TD/update_leapsec_CC.sh
20750        3    /CUSTOM/utilities/EcCoEnvKsh
 9059        5    /CUSTOM/utilities/EcTkAAdataMkcfg
28969        2    /CUSTOM/utilities/EcTkEnvKsh
  692       14    /CUSTOM/utilities/EcTkHDFMkcfg
55195       29    /CUSTOM/utilities/EcTkHdfEosMkcfg
17817       10    /CUSTOM/utilities/EcTkLinkScript
34238       49    /CUSTOM/utilities/EcTkToolkitCoreMkcfg
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Abbreviations and Acronyms

AA   Ancillary Data Access ASTER

API   Application Program Interface

ASTER   Advanced Spaceborne Thermal Emission and Reflection Radiometer

B0SOT   B0 Search & Order Tool

CCB   Change Control Board

CCR   Configuration Change Request

CDMTS   Configuration/Data Management Tracking System

CDRD   Contract Data Requirements Document

CDRL   Contract Data Requirements List

CI   Configuration Item

CIL   Configuration Item List

CLS   Client Subsystem

CM   Configuration Management

CMO   Configuration Management Organization

CMP   Configuration Management Plan

CO   Contracting Officer

COTR   Contracting Officer's Technical Representative

COTS   Commercial Off The Shelf

CSA   Configuration Status Accounting

CSCI   Computer Software Configuration Item

CSR   Consent to Ship Review

CSS   Communications Subsystem

DAAC   Distributed Active Archive Center

DAR   Data Acquisition Request

DB   Database

DCE   Distributed Computing Environment

DCN   Document Change Notice

DDIST	Data Distribution
DDTS	Distributed Defect Tracking Software
DID	Data Item Description
DM	Data Management
DMO	Data Management Organization
DMS	Data Management Subsystem
DOD	Department of Defense
DPS	Data Processing Subsystem
DSS	Data Server Subsystem
ECMP	ECS Configuration Management Plan
ECS	EOSDIS Core System
EDC	EROS Data Center
EDF	ECS Development Facility
EDHS	ECS Data Handling System
EDOS	EOS Data and Operations System
EOS	Earth Observing System
EOSDIS	Earth Observing System Data and Information System
EROS	Earth Resources Observation System
ESDIS	Earth Science Data and Information System
ESDT	Earth Science Data Types
FOS	Flight Operations Segment
FTP	File Transfer Protocol
GFE	Government Furnished Equipment
GSFC	Goddard Space Flight Center
HCE	Hardware Configuration Engineer
HDF	Hierarchical Data Format
HPOV	HP Open View
http	Hypertext Transport Protocol
I&T	Integration and Testing

I/O	Input/Output
IAS	Image Assessment System
IATO	Independent Acceptance Test Organization
IDG	Infrastructure Data Group
IEEE	Institute of Electrical and Electronic Engineers
IMS	Information Management System (ECS)
INGST	Ingest CSCI
INS	Ingest Subsystem
IOS	Interoperability Subsystem
ISS	Internetworking Subsystem
JPL	Jet Propulsion Laboratory
LaRC	Langley Research Center
Landsat	Land Remote-Sensing Satellite
M&O	Maintenance and Operations
MET	Metadata
MODIS	Moderate-Resolution Imaging Spectroradiometer
MSS	Management Support Subsystem
N/A	Not Applicable
NASA	National Aeronautical and Space Administration
NCSA	National Center for Supercomputer Applications
NCR	Nonconformance Report
NRCA	Nonconformance Reporting and Corrective Action
NSIDC	National Snow and Ice Data Center (DAAC)
PGE	Product Generation Executive (formerly Product Generation Executable)
PCF	Process Control File
PDS	Production Data Set
PDPS	Planning & Data Production System
PCF	Process Control File
PGS	Product Generation System (ECS)

PI	Project Instruction
PLS	Planning Subsystem
QA	Quality Assurance
QO	Quality Office
RDBMS	Relation Data Base Management System
RSC	Raytheon System Company
SCDO	Science and Communications Development Office
SCF	Science Computing Facility
SCM	Software Configuration Management
SDL	Software Development Library
SDP	Science Data Processing
SDPF	Science Data Processing Facility
SDPS	Science Data Processing Segment
SDSRV	Science Data Server
SES	Scheduling and Execution Subsystem
SGI	Silicon Graphics International
SMC	System Monitoring and Coordinating Center or System Management Center
SNMP	simple network management protocol
SOW	Statement of Work
SSIT	Science Software Integration and Test
STMGT	Storage Management
TBD	To Be Determined
TRMM	Tropical Rainfall Measuring Mission (joint US - Japan)
URL	Universal Research Locator
US	United States
VATC	Verification and Acceptance Test Center
VCATS	Vendor Costing and Tracking System
VDD	Version Description Document
WWW	WorldWideWeb