

412-CD-500-001

EOSDIS Core System Project

ECS System Acceptance Test Report for Release 5A

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August 1999

Raytheon Systems Company
Upper Marlboro, Maryland

ECS System Acceptance Test Report for Release 5A

August 1999

Prepared Under Contract NAS5-60000
CDRL Item #071

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Preface

This document is a contract deliverable with an approval code 2. As such, it does not require formal Government approval, however, the Government reserves the right to request changes within 45 days of the initial submittal. Once approved, contractor changes to this document are handled in accordance with Class I and Class II change control requirements described in the EOS Configuration Management Plan, and changes to this document shall be made by document change notice (DCN) or by complete revision.

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Abstract

The ECS System Acceptance Test Report document contains information on the results of the specific tests executed to verify that Release 5A satisfies the functional components, error conditions and performance constraints delivered with the drop.

Keywords: Acceptance test, ECS Release 5A, NCR, functional components, error conditions, performance constraints, reports

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Document History			
Document Number	Status/Issue	Publication Date	CCR Number
412-CD-500-001	Original	August 1999	99-0721

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Appendix A. Release 5A Test Schedule

Appendix B. Verification Database

1. Introduction

1.1 Identification

This Acceptance Test Report, Contract Data Requirement List (CDRL) item 071, whose requirements are specified in Data Item Description (DID) 412/VE2, is a required deliverable under the Earth Observing System Data and Information System (EOSDIS) Core System (ECS) Contract NAS5-60000.

The ECS System Acceptance Test Report document contains the results of the tests executed to verify that Release 5A satisfies the functional components, error conditions, and performance constraints delivered with this drop.

1.2 Scope

Release 5A includes the functional capabilities, features and services to support pre-launch and launch support activities. Release 5A contains the software to support all external operational interfaces and the associated EOS Mission Integration Testing and Ground System Integration Testing that is performed for Terra (AM-1) and Landsat-7.

Release 5A was acceptance tested at the Verification and Acceptance Test Center (VATC) prior to launch of the Terra (AM-1) instruments. This schedule is intended to support the EOS Ground System (EGS) Integration and Mission Integration activities defined in the Earth Science Data & Information System Master Schedule.

This document contains the results of the System Verification and Acceptance Test (SVAT) organization's acceptance tests for Release 5A as of the conduct of the Consent to Ship Review (CSR) held on July 21, 1999. Results include the number of functional components tested, not tested, verified, and not verified for each test case executed. The status of error condition and performance constraints testing is also reported. The number of Nonconformance Reports (NCRs) opened and closed during testing is also included in this document.

1.3 Purpose

The purpose of the Release 5A ECS System Acceptance Test Report is to detail the results of the tests used to formally verify that the Release 5A meets all specified functional components, error conditions and performance constraints.

1.4 Status and Schedule

The submittal of DID 412/VE2 meets the milestone specified in the Contract Data Requirements List (CDRL) for ECS Overall System Acceptance Test Procedures of NASA contract NAS5-60000. The submittal schedule is one month after Release Readiness Review (RRR). For Release 5A, the schedule is relative to the CSR as no RRR is conducted for this release.

1.5 Organization

This document is organized in 3 sections. The content of each section is described below.

- Section 1: Introduction - Provides information regarding the identification, scope, purpose, status and schedule, and organization of this document.
- Section 2: Related Documentation - Provides a listing of parent documents, applicable documents, and documents that are used as source information.
- Section 3: Formal Acceptance Test Results - Provides the results of acceptance testing that took place in the VATC and at the Distributed Active Archive Centers (DAACs) if applicable.

2. Related Documentation

2.1 Parent Documents

The parent documents are the documents from which the scope and content of this document are derived.

194-401-VE1	Verification Plan for the ECS Project, Final
409-CD-100	ECS Overall System Acceptance Test Plan for Release 5A
411-CD-xxx	ECS System Acceptance Test Procedures for Release 5A
420-05-03	Earth Observing System (EOS) Performance Assurance Requirements for EOSDIS Core System (ECS)
423-41-01	Goddard Space Flight Center, EOSDIS Core System (ECS) Statement of Work
423-41-02	Goddard Space Flight Center, Functional and Performance Requirements Specification for the Earth Observing System Data and Information System (EOSDIS) Core System (ECS)
423-41-03	Goddard Space Flight Center, EOSDIS Core System Contract Data Requirements Document
162-TP-001	Year 2000 SDPS Test Plan
212-TP-002	Year 2000 Plan
None	NASA Year 2000 Agency Test and Certification Guidelines and Requirements, Volume 1

<http://ecsv.gsfc.nasa.gov/> ECS Verification Web Site

http://dmserver.gsfc.nasa.gov/relb_it/5a.html 5A Test Procedures

http://dmserver.gsfc.nasa.gov/relb_it/y2k.html Y2K Test Procedures

2.2 Applicable Documents

The following documents are referenced within this Test Procedures document, or are directly applicable, or contain policies or other directive matters that are binding upon the content of this document.

107-CD-002	Level 1 Master Schedule for the ECS Project (published monthly)
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209-CD-002	External Interface Control Document Between EOSDIS Core System (ECS) and ASTER Ground Data System
209-CD-013	External Interface Control Document Between EOSDIS Core System (ECS) and Landsat 7 System
305-CD-030	Release-B GSFC DAAC Design Specification
305-CD-031	Release-B LaRC DAAC Design Specification
305-CD-033	Release-B EDC DAAC Design Specification
535-PAI	Acceptance Data Package
605-CD-002	Release B SDPS/CSMS Operations Scenarios for the ECS Project
607-CD-001	ECS Maintenance and Operations Position Description
704-PP3	RRR Presentation Package
220-TP-001	Operations Scenarios-ECS Drop 4P/4P1 & L7-NCR P1 Impacts
212-WP-002	Game Plan for the ECS Project
TT-1-001	Test Preparation, Execution and Documentation
CM-1-018	Software Turnover Process
QO-1-017	ECS Post Test Audit
505-41-11	Goddard Space Flight Center, Interface Requirements Document Between EOSDIS Core System (ECS) and the Version 0 System, 10/95
505-41-12	Goddard Space Flight Center, Interface Requirements Document Between EOSDIS Core System (ECS) and Science Computing Facilities, 5/95
505-41-15	Goddard Space Flight Center, Interface Requirements Document Between EOSDIS the AM project for AM-1 Flight Operations, 7/95
505-41-17	Goddard Space Flight Center, Interface Requirements Document Between EOSDIS Core System (ECS) and the NASA Science Internet (NSI), 10/95
505-41-18	Goddard Space Flight Center, Interface Requirements Document Between EOSDIS and MITI ASTER GDS Project, 7/95
505-41-19	Goddard Space Flight Center, Interface Requirements Document Between the EOSDIS Core System (ECS) and the National Oceanic and Atmospheric Administration (NOAA) Affiliated Data Center (ADC), 5/95

- 505-41-21 Goddard Space Flight Center, Interface Requirements Document Between EOSDIS Core System (ECS) and NASA Institutional Support Systems (NISS), 5/95
- 505-41-32 Goddard Space Flight Center, Interface Requirements Document Between Earth Observing System Data and Information System, and the Landsat 7 System, 7/95
- 505-41-33 Goddard Space Flight Center, Interface Requirements Document Between the EOSDIS Core System (ECS) and Science Computing Facilities (SCF)
- 505-41-36 Goddard Space Flight Center, Interface Control Document Between the EOSDIS Core System (ECS) and the National Oceanic and Atmospheric Administration (NOAA) for the ECS Project
- 505-41-39 Goddard Space Flight Center, Interface Control Document Between the EOSDIS Core System (ECS) and the Langley Research Center (LaRC) Distributed Active Archive Center (DAAC) for the ECS Project
- 505-41-40 Goddard Space Flight Center, Interface Control Document Between the EOSDIS Core System (ECS) the Goddard Space Flight Center (GSFC) Distributed Active Archive Center (DAAC) for the ECS Project
- 505-41-47 Goddard Space Flight Center, Interface Control Document Between the EOSDIS Core System (ECS) and the Stratospheric Aerosol and Gas Experiment (SAGE III) Mission Operations Center (MOC)
- 510-ICD-EDOS/EGS Earth Observing System (EOS) Data and Operations System (EDOS) Interface Control Document Between the Earth Observing System (EOS) Data and Operations System (EDOS) and the EOS Ground System (EGS) Elements
- 522-FDD-96/010R0UD0 Goddard Space Flight Center, Earth Observing System (EOS AM-1 Flight Dynamics Division (FDD)/EOSDIS Core System (ECS) Interface Control Document
- 560-EDOS-0211.0001 Interface Requirements Document (IRD) Between the Earth Observing System (EOS) Data and Operations System (EDOS), and the EOS Ground System (EGS) Elements

2.3 Information Documents

The following documents, although not referenced herein and/or not directly applicable, do amplify or clarify the information presented in this document, but are not binding on the content of this ECS System Acceptance Test Plan document.

224-CD-001	Release B Release Plan for the ECS Project
222-WP-004	Release B Replan for the ECS Project
410-TP-004	Release B Replan Functionality by Phase for the ECS Project
	Release 5A Build Plan
	Release L7-NCR P1 Build Plan

3. Formal Acceptance Test Results

This section contains results for the ECS Release 5A formal acceptance tests, held from March, 1999 to July, 1999 at the VATC. The test schedules are contained in Appendix A of this document.

3.1 ECS Test Program Context

The test program for Release 5A was conducted in two phases. Phase 1 consisted of demonstrating Release 5A Y2K compliance and Phase 2 consisted of verification of test criteria determined to be essential for Terra (AM-1) and Landsat 7 operational support. All tests conducted during the first phase for Y2K compliance are posted on the internet at http://dmsserver.gsfc.nasa.gov/relb_it/y2k.html. The formal acceptance testing in phase 2 included the execution of tests designed to verify functional components, error conditions and performance constraints specified in the Feature Acceptance Tickets (FATs). All tests conducted during the Release 5A Acceptance Test period to verify these acceptance criteria are posted on the internet at http://dmsserver.gsfc.nasa.gov/relb_it/5a.html, 5A Test Procedures.

Results reported in this document represent status as of the CSR conducted on July 21, 1999 and are a direct result of test procedures conducted, which coincide with the test case list provided in Table 3-1.

3.2 ECS Testing during the Formal Test Phase

The Release 5A Formal Acceptance Test was conducted at the VATC during the period indicated in the Test Schedule presented in Appendix A. For each test conducted, a test log was completed, detailing the successes/failures of each test, deviations made to procedures, NCRs written or verified as fixed, and a complete description of the as-run tests. Following the conduct of each test, the Test Team determined the status of assigned functional component or error condition criteria (i.e. verified passed, verified with workarounds, not verified (failed), or not tested) and indicated status for each shown on the test report. The sections and appendices of this document provide the general and detailed results of this formal test period.

Table 3-1. Release 5A Acceptance Tests

Test Number	Test Name
B080130.030	Mode Mgmt & Remedy (3790,3881&3913)
B080730.010	Database Admin (3480,3485&3486)
B080860.010	Maint Tool Mgmt (1954&1956)
B090120.010\$L	SAGE Ingest & Archive at LaRC (200,201)
B090120.020\$L	Standard ECS Product Ingest (215)
B090320.040\$G	DAAC to DAAC Distrib Ing (216)
B090340.010\$G	Attitude Data Process & Arc (1315)
B090420.020\$E	L7 IGS Metadata Ingest & Archive
B090430.010\$E	Ing, Val L1A/B @ EDC (121&290)
B100130.040	V0 ECS Gway (3180-84,3190,3210,Log)
B100230.020	Product QA (3360,4390&4698)
B100400.070	Interim Granules (2235)
B120450.020\$G	DAS Ancil Data Ingest&Arch (210)
B090320.020\$G	Orbit Data Ing & Archive (171)
B120800.010	Monitor SDSRV Mem Usage (2615)
TS0840.3	Add EVT File to Database [2604]
TS0635.1	FDD Data INS&ARC (Error Test) [0171]
TS0660.2	L-7 IGS Meta INS & Arch (Error Test) [0425]
TS0860.7	Interim Data Processing (Error Test) [2235]
TS0605.1	DAS Data types (Error Test) [0210]
TS0680.6	SAGE III Data (Error Test) [0200,0201]
TS0615.1	SIPS Data (Error Test) [0215]
B090440.010\$E	Spatial Query [2460]
B090420-010\$E	HDF-EOS Auto Restart
B100130.060	V0 ECS Gateway-Spatial [2460]

3.3 Release 5A Formal Test Results

The approach taken for Acceptance testing ECS Release 5A software focused on verification of functional components and error conditions. Each test was not given an overall pass or fail status, but rather the number of functional components and error conditions tested and verified was reported.

The detailed results of each test case are maintained in a test folder. The test folders contain the test procedures with any redlines noted during the test, test artifacts collected during the test execution, test witness sign off sheets, NCR's written against the test, Feature Acceptance Tickets, and any other general comments on the test. Reasons for not fulfilling certain test objectives are recorded on the test execution forms and related NCRs are tracked in the ECS Verification Database (VDB). Test folders are maintained under configuration control by the ECS Configuration Management organization. The VDB is maintained on the Web (<http://ecsv.gsfc.nasa.gov/>) where it may be accessed to obtain current information regarding test status.

All of the Release 5A acceptance test results are condensed in tabular form in the VDB, which was maintained through the testing phase. It details the test results status for each of the functional component, error condition and performance constraints criteria. A Y2K and Release 5A test report generated from the final Verification Database (as downloaded on 8/16/99) is presented in Appendix B. In the following sections, references will be made to functional, error and performance criteria and their criteria keys. The mapping of these keys to criteria and their description may also be found in the VDB.

Recommendations and subsequent planned actions resulting from the test verification process were addressed in the Presentation Package of the Consent to Ship Review (CSR) held July 21, 1999 (DID 714).

3.4 Functional Component Status

A total of 97 Functional Components were tested during the Release 5A Acceptance Testing period. Of those, 67 were verified (V), 14 were not verified (NV), and 16 were not tested (NT).

Table 3-2 depicts the results of each of the Functional Components associated with their respective Feature Acceptance Ticket (FAT) documents and the verification status of each functional component. The FATs, in turn, are grouped by areas of interest so that system capabilities in those areas may be assessed. Table 3-2 also contains, in order, the V, NT, and NV status of the functional component criteria identified by their criteria keys.

3.5 Error Condition Status

Acceptance testing for Release 5A also included verification of Error Conditions. Error Conditions were verified using a combination of variations of AT and SV tests. A total of 111 Error Conditions were tested during Release 5A Acceptance Testing. Of those 86 were verified (V), 21 were not verified (NV), and 4 were not tested (NT).

Table 3-3 depicts the results of each of the Error Conditions associated with their respective Feature Acceptance Ticket (FAT) documents and the verification status of each error condition. The FATs, in turn, are grouped by areas of interest so that system capabilities in those areas may be assessed. Table 3-3 also contains, in order, the V, NT, and NV verification status of the error condition criteria identified by their criteria keys.

3.6 Performance Constraints Status

In addition, Release 5A criteria included verification of Performance Constraints. Performance Constraints testing was not included in the Acceptance Testing conducted in the VATC, but will be tested in the End to End Post Verification Test conducted at NSIDC.

Table 3-4 depicts the Performance constraints associated with their respective Feature Acceptance Ticket (FAT) documents and test cases that will be tested in the ETE test to be conducted at NSIDC.

3.7 Y2K Test Status

A battery of Y2K tests were conducted on the Release 5A system. The tests executed verified a variety of rollover occurrences including the first day of the next century, a leap year test, uncommon leap year and the 366th day of uncommon leap year. The tests verified the ability of the system to process data whose temporal coverage intersects these dates, and the ability of the system to process requests across these dates.

Table 3-5 depicts the results of the Y2K testing. Two tests, TS0493 – Pre2000 Y2K Data Processing (DPREP), and possibly TS0815.3, - DSS System Time Change Test, are scheduled to be rerun in the August time frame.

Table 3-2. Release 5A Functional Component Criteria Verification Status Summary

FAT	Crit. 1	Crit. 2	Crit. 3	Crit. 4	Crit. 5	Crit. 6	Crit. 7	Crit. 8	Crit. 9	Crit. 10	Total	V	NT	NV	FAT ID
<i>EDC interest items</i>															
ASTER D3 Interface	1247										1	1	0	0	SM07
											1	1	0	0	
<i>GSFC interest items</i>															
AM-1 Ancillary Data Preprocessing	1279	1280	1281	1282							4	4	0	0	RH33
FDD Interface	1285	1286	1287	1284							4	3	1	0	JG01
											8	7	1	0	
<i>New Drop 5A Items</i>															
SAGE III L0 Interface	679	1092	680	681							4	4	0	0	SM14
SIPS Interfaces	712	713	714	1093	1248	1249	1250	1251	1252	1365	11	10	0	1	SM15
	1253														
Landsat 7 IGS Interfaces	1293	1295	1296	1294							4	3	0	1	SM17
Cross DAAC/Cross Mode Interface	1335	1334	1336								3	1	2	0	SM18
DAO Interface	538	859	1085	1234							4	3	1	0	SM08
Mode Management	1288	1289									2	2	0	0	RH87
											28	23	3	2	
<i>Landsat Capabilities</i>															
Landsat Distribution	1227										1	1	0	0	SM12
											1	1	0	0	
<i>Common / Management</i>															
Data Distribution and Display	1106										1	1	0	0	RH41
Subscription Handling	1342	1343	1344								3	3	0	0	RH07
Manage Data Dictionary	1283										1	1	0	0	RH60
New Data Type Installations	1354										1	1	0	0	RH13
System Management and Monitoring	53	1265	1266	1267	1268	1269	1270	1271	1272	1273	16	16	0	0	RM03
	1278	1264	1274	1275	1276	1277									
Trouble Ticketing	1228	1229									2	2	0	0	RM04
V0 Interoperability via the V0 Web Gateway	1244	1245	1246	1360	1238						5	3	1	1	RM12
Y2K Compliance	1176	1193	1172	1184	1192	1219	1177	1178	1179	1180	25	3	11	11	MR1
	1182	1183	1187	1190	1169	1170	1171	1173	1174	1175					
	1185	1186	1188	1189	1191										
											54	30	12	12	
<i>Processing</i>															
PGE Execution	1361										1	1	0	0	RH84
Interim Product Support	312	1346	1347	1348							4	4	0	0	RH62
											5	5	0	0	

97 67 16 14

Table 3-3. Release 5A Error Condition Criteria Verification Status Summary

FAT	Crit.1	Crit. 2	Crit. 3	Crit. 4	Crit. 5	Crit. 6	Crit. 7	Crit. 8	Crit. 9	Crit. 10	Crit. 11	Crit. 12	Total	V	NT	NV
<i>EDC interest items</i>																
ASTER DAR Support	189	190	198	206									4	0	4	0
<i>GSFC interest items</i>																
AM-1 Ancillary Data Preprocessing	1362	1363	1364									3	0	0	3	
FDD Interface	1353	1352									2	1	0	1		
<i>New Drop 5A Items</i>																
SAGE III L0 Interface	686	687	688	689	690	691	692	693	696	698	700	703	23	20	0	3
	881	988	989	992	1023	1350	708	880	685	697	879					
SIPS Interfaces	717	719	720	721	723	724	725	728	730	733	740	741	34	28	0	6
	742	884	994	995	996	998	999	1000	1024	1256	1257	1258				
Landsat 7 IGS Interfaces	1259	1260	1261	1262	718	722	729	732	1254	1255						
	1297	1299	1301	1302	1303	1304	1305	1307	1308	1309	1310	1311	21	17	0	4
DAO Interface	1315	1317	1320	1321	1332	1300	1306	1316	1324							
	539	542	544	546	547	548	553	555	559	860	861	965	21	17	0	4
Mode Management	966	968	962	963	964	541	543	545	552							
	1292									1	1	0	0			
<i>Common / Management</i>																
Subscription Handling	1345									1	1	0	0			
<i>Processing</i>																
Interim Product Support	1349									1	1	0	0			
<i>Summary</i>																
													100	83	0	17

111 86 4 21

Table 3-4. Release 5A Performance constraints Criteria Verification Status Summary

FG Source	Criteria Key	FG Key	Criteria Statement	Criteria Type	Drop	Test Key	Test Case	Test Case Title
RH07	1366	17	Distribute daily volume equal to 1 times daily archived data volume (50% via media, 50% electronically) 1.4 NSIDC DAAC: 16GB (8GB via 8mm, 8GB electronically)	PC	5A	1607	B140400.620	Post Test Verification
SM15	1367	44	For NSIDC DAAC: Show the capability to ingest 1.2 times the daily input rate of MODAPS snow/ice data via the SIPS interface (1.2 times 16GB/day = 19.2 GB)	PC	5A			
JG03	1368	3	At NSIDC, ingest and archive MODAPS snow/ice data and NISE ancillary data at 1.2 times the average daily input rate (1.2 times 16GB = 19.2 GB)	PC	5A			
RM12	1369	26	1 With the exception of actual order fulfillment, the following workload at NSIDC must be accomplished within 8 hours d) 5 ftp-pull orders	PC	5A			
RM12	1370	26	1 With the exception of actual order fulfillment, the following workload at NSIDC must be accomplished within 8 hours e) 8 media orders	PC	5A			

Table 3-5. Release 5A Y2K Verification Status Summary (1 of 1)

Test Case	Criteria	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1219
TC0069	User Account Registration	V							V	V		NV														
TC0070	Request Order Tracking	V		V						V	V	NV					V									
TC0207	Time Value Manipulation		V			V	V		V				V			V										
TC0208	Relative Time			V		V	V		V				V			V										V
TS0387	DMS Year 2000 Test									NV	NV															
TS0388	IOS Year 2000 Test									NV	NV															
TS0493	Pre-2000 Y2K Data Proc.- DPREP		NT			NT	NT			NT	NT	NT	NT	NT	NT		NT			NT		NT	NT	NT	NT	NT
TS0494	Pre Y2K Data Proc - del svr/GND events	V	V	V	V	V	V	V	V	V		V	V	V	V	V	V			V		V	V	V	V	V
TS0655.1	Year 2000 Data Ingest and Archive Test		V						V																	
TS0655.2	Year 2K Leap Dy/Yr System Time Ing & Arch	V		V	V			V		V	V	V	V	V	V		V	V								
TS0655.3	Leap Day/Year Data & Archive Test					V	V		V																	NV
TS0815.3	System time Change Tests	NT	NT	NT	V	NT	NT	NT		NT	NT	NT	NT	NT	NT		NT		NT	NT	NT	NT	NT	NT	NT	NT
Y090310.150	MODIS Cloud Mask Data Proc & Arc	V	V	V	V	V	V	V		V	V	V		V	V		V			V			V	V	V	V
Y100230.020	ASTER Product Subscription & QA	V	V	V	V	V	V	V				V	NV	V	NV	NV	V	V	V	V		V		NV		V
Y100230.030	MODIS Product Subscription & QA	V	V	V	V	V	V	V				NV	NV	NV	NV	NV	V	V	NV	V		NV		NV		V
Y100230.040	L7 Product Subscription & QA	V		V	V	V	V	V				V	V	V	V	V		V	V			V		NV		V
Y120330.040	ASTER Routine Processing	V	V	V	V	V	V			V	V	V	V	V	V		V			V			V	NV	V	V

Verified = V

Not Verified = NV

Not Tested = NT

3.8 NCR Status

Discrepancies observed during Acceptance Testing are filed as NCRs and entered into the Nonconformance Reporting and Corrective Action (NRCA) system for disposition by the NCR Review Board. All ECS NCRs are entered into the Distributed Defect Tracking System (DDTS) tool for prioritization, assignment, and status tracking by the ECS NCR Review Board.

During the period of Release 5A Acceptance Testing, a total of 120 new NCRs were generated. Table 3-6 lists the number of NCRs generated by severity. During the execution of acceptance tests, 201 previously existing NCRs were verified and closed. Table 3-7 lists the number of NCR's verified and closed in each severity category.

Table 3-6. NCRs Generated during Release 5A Acceptance Testing.

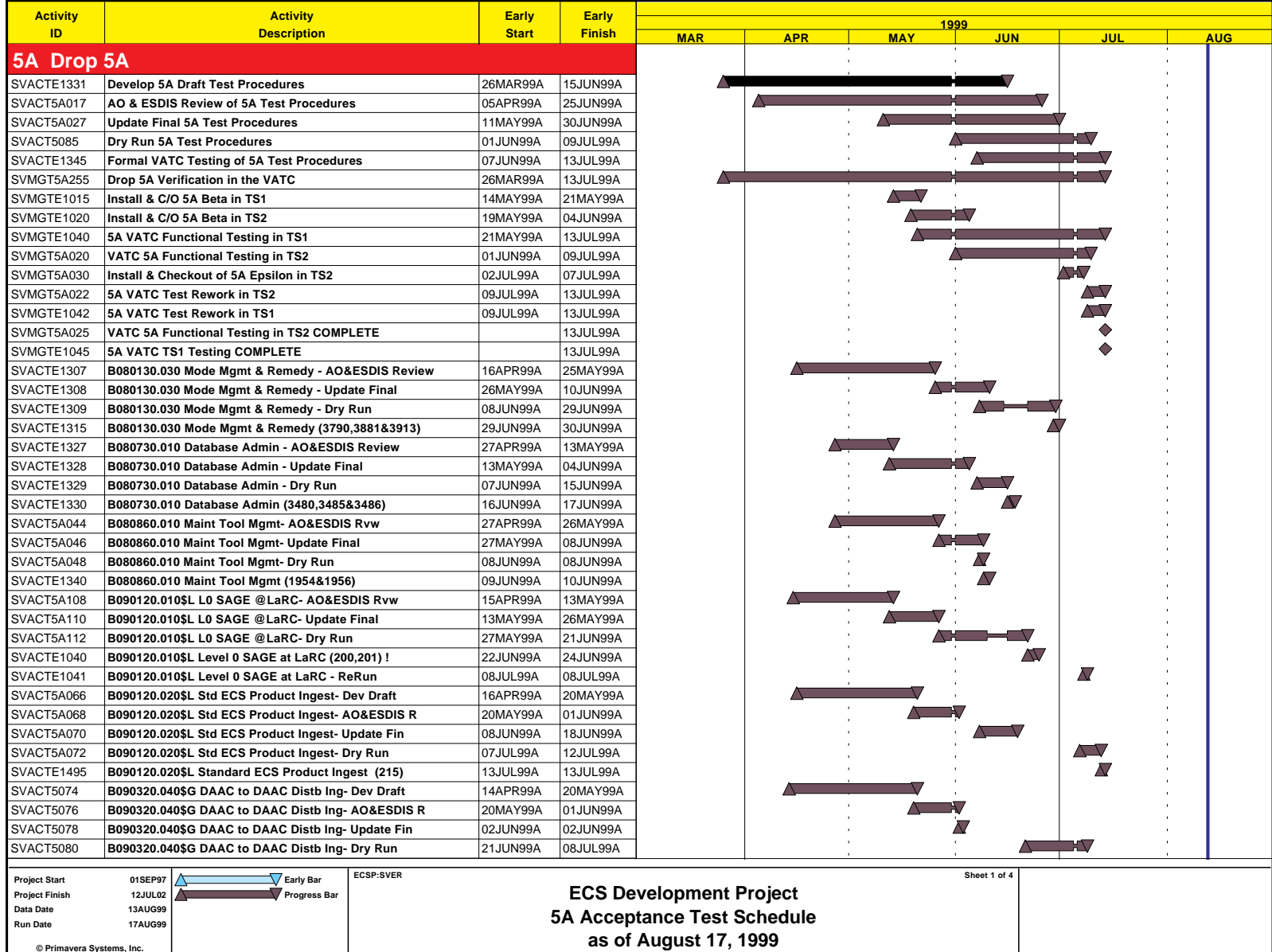
Severity	NCR's Generated
1	22
2	51
3	38
4	8
5	1

Table 3-7. NCRs Closed during Release 5A Acceptance Testing.

Severity	NCR's Closed
1	26
2	175
3	0
4	0
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Appendix A. Release 5A Test Schedule



Activity ID	Activity Description	Early Start	Early Finish	1999						
				MAR	APR	MAY	JUN	JUL	AUG	
SVACTE1505	B090320.040\$G DAAC to DAAC Distrib Ing (216)	09JUL99A	09JUL99A							
SVACT5A090	B090340.010\$G Attitude Data Proc & Ar- Dev Draft	22APR99A	08JUN99A							
SVACT5A092	B090340.010\$G Attitude Data Proc & Ar- AO&ESDIS	09JUN99A	11JUN99A							
SVACT5A094	B090340.010\$G Attitude Data Proc & Ar- Update Fi	15JUN99A	25JUN99A							
SVACT5A096	B090340.010\$G Attitude Data Proc & Ar- Dry Run	08JUL99A	12JUL99A							
SVACTE1525	B090340.010\$G Attitude Data Process & Arc (1315)	12JUL99A	13JUL99A							
SVACT5A002	B090420.020\$E L7 IGS Medata Ing & Ar - Dev Draft	05APR99A	13MAY99A							
SVACT5A004	B090420.020\$E L7 IGS Medata Ing&A - AO&ESDIS Rvw	13MAY99A	02JUN99A							
SVACT5A006	B090420.020\$E L7 IGS Medata Ing&A - Update Final	03JUN99A	07JUN99A							
SVACT5A008	B090420.020\$E L7 IGS Medata Ing&A - Dry Run	28JUN99A	30JUN99A							
SVACTE1470	B090420.020\$E L7 IGS Medata Ingest & Arch	01JUL99A	01JUL99A							
SVACT5A124	B090430.010\$E Ing/Val L1A/B @EDC- AO&ESDIS Rvw	23APR99A	13MAY99A							
SVACT5A126	B090430.010\$E Ing/Val L1A/B @EDC- Update Final	13MAY99A	28MAY99A							
SVACT5A128	B090430.010\$E Ing/Val L1A/B @EDC- Dry Run	01JUN99A	07JUN99A							
SVACTE1000	B090430.010\$E Ing, Val L1A/B @ EDC (121&290) !	08JUN99A	09JUN99A							
SVACT5A012	B100130.040 V0 ECS Gway- AO&ESDIS Review	20APR99A	27MAY99A							
SVACT5A014	B100130.040 V0 ECS Gway- Update Final	28MAY99A	14JUN99A							
SVACT5A016	B100130.040 V0 ECS Gway- Dry Run	11JUN99A	16JUN99A							
SVACTE1545	B100130.040 V0 ECS Gway (3180-84,3190,3210,Log)	17JUN99A	17JUN99A							
SVACT5A020	B100230.020 Product QA- AO&ESDIS Review	19APR99A	14MAY99A							
SVACT5A022	B100230.020 Product QA- Update Final	17MAY99A	27MAY99A							
SVACT5A024	B100230.020 Product QA- Dry Run	27MAY99A	04JUN99A							
SVACTE1555	B100230.020 Product QA (3360,4390&4698)	07JUN99A	07JUN99A							
SVACT5A028	B100400.070 Interim Granules- AO&ESDIS Rvw	05APR99A	14JUN99A							
SVACT5A030	B100400.070 Interim Granules- Update Final	15JUN99A	30JUN99A							
SVACT5A032	B100400.070 Interim Granules- Dry Run	28JUN99A	30JUN99A							
SVACTE1565	B100400.070 Interim Granules (2235)	01JUL99A	02JUL99A							
SVACT5A052	B120450.020\$G DAS Ancil Data I&A- AO&ESDIS Rvw	19APR99A	13MAY99A							
SVACT5A054	B120450.020\$G DAS Ancil Data I&A- Update Final	11MAY99A	20MAY99A							
SVACT5A056	B120450.020\$G DAS Ancil Data I&A- Dry Run	09JUN99A	28JUN99A							
SVACTE1450	B120450.020\$G DAS Ancil Data Ingest&Arch (210) !	28JUN99A	30JUN99A							
SVACT5A084	B090320.020\$G Orbit Data Ing & A - AO&ESDIS Rv	05APR99A	13MAY99A							
SVACT5A086	B090320.020\$G Orbit Data Ing & A - Update Fina	17MAY99A	18MAY99A							
SVACT5A088	B090320.020\$G Orbit Data Ing & A Dry Run	21MAY99A	21JUN99A							
SVACTE1515	B090320.020\$G Orbit Data Ing & Archive (171)	22JUN99A	23JUN99A							
SVACTE1517	B090320.020\$G Orbit Data Ing & Archive - ReRun	08JUL99A	08JUL99A							
SVACTE1380	B120800.010 Monitor SDSRV Mem Usage - Dev Draft	05APR99A	07MAY99A							
SVACTE1385	B120800.010 Monitor SDSRV Mem Usage - AO&ESDIS R	10MAY99A	11MAY99A							
SVACTE1390	B120800.010 Monitor SDSRV Mem Usage - Update Fin	13MAY99A	20MAY99A							
SVACTE1395	B120800.010 Monitor SDSRV Mem Usage - Dry Run	24MAY99A	03JUN99A							
SVACTE1400	B120800.010 Monitor SDSRV Mem Usage (2615)	02JUN99A	04JUN99A							
SVSSA018	TS0840.3 Add EVT File to Database - Dev Draft	14APR99A	10MAY99A							
SVSSA020	TS0840.3 Add EVT File to Database - AO&ESDIS Rvw	11MAY99A	14JUN99A							
SVSSA022	TS0840.3 Add EVT File to Database - Update Final	14JUN99A	25JUN99A							
SVSSA024	TS0840.3 Add EVT File to Database - Dry Run	24JUN99A	25JUN99A							
SVSS0030E	TS0840.3 Add EVT File Database (TS0840.1) [2604]	28JUN99A	30JUN99A							
SVINS5A044	TS0635.1 FDD Data INS & Arch - AO & ESDIS RVW	29APR99A	28MAY99A							

Activity ID	Activity Description	Early Start	Early Finish	1999							
				MAR	APR	MAY	JUN	JUL	AUG		
SVINS5A046	TS0635.1 FDD Data INS & Arch - Update final	28MAY99A	03JUN99A								
SVINS5A060	TS0635.1- FDD Data INS & Arc - Dry Run	03JUN99A	15JUN99A								
SVINS0100E	TS0635.[0171] FDD Data INS&ARC	15JUN99A	15JUN99A								
SVINS5A050	TS0660.2 L-7 IGS Metadata INS&AR - AO&ESDIS RVW	20APR99A	18MAY99A								
SVINS5A052	TS0660.2 L-7 IGS Metadata INS&ARCH -Update Final	19MAY99A	07JUN99A								
SVINS5A062	TS0660.2 - L-7 IGS Metadata INS & Arc - Dry Run	07JUN99A	30JUN99A								
SVINS0110E	TS0660.2 [0425] L-7 IGS Metadata INS & Arch	30JUN99A	02JUL99A								
SVDS5A028	TS0860.7 Interim Data Processing- AO&ESDIS Rvw	06MAY99A	17MAY99A								
SVDS5A030	TS0860.7 Interim Data Processing- Update Final	18MAY99A	10JUN99A								
SVDS5A032	TS0860.7 Interim Data Processing- Dry Run	10JUN99A	18JUN99A								
SVDS0120E	Interim Data Processing(TS0860.7)[2235]	21JUN99A	23JUN99A								
SVINS5A004	TS0605 DAS Data Types- AO&ESDIS Rvw	04MAY99A	13MAY99A								
SVINS5A006	TS0605 DAS Data Types- Update Final	13MAY99A	03JUN99A								
SVINS5A008	TS0605 DAS Data Types- Dry Run	01JUN99A	07JUN99A								
SVINS0010E	DAS Data types (TS0605) [0210]	16JUN99A	21JUN99A								
SVINS5A012	TS0680.6 SAGE III Data- AO&ESDIS Rvw	18APR99A	18MAY99A								
SVINS5A014	TS0680.6 SAGE III Data- Update Final	19MAY99A	28MAY99A								
SVINS5A016	TS0680.6 SAGE III Data- Dry Run	28MAY99A	04JUN99A								
SVINS0050E	SAGE III Data (TS0680.6) [0200,0201]	04JUN99A	06JUN99A								
SVINS0052E	SAGE III Data (TS0680.6) [0200,0201] Rerun	29JUN99A	01JUL99A								
SVINS5A026	TS0615.1 Latis Data- Dev Draft	12APR99A	04MAY99A								
SVINS5A028	TS0615.1 Latis Data- AO&ESDIS Rvw	11MAY99A	18MAY99A								
SVINS5A030	TS0615.1 Latis Data- Update Final	19MAY99A	10JUN99A								
SVINS5A032	TS0615.1 SIPS Data Ing & Arch - Dry Run	07JUN99A	09JUL99A								
SVINS0080E	SIPS Data Ing & Arch (TS0615.1)[0215]	09JUL99A	13JUL99A								
SVACT5A130	B090420-010\$E HDF-EOS Auto Restart - Dry Run	02JUN99A	25JUN99A								
SVACT5A135	B090420-010\$E HDF-EOS Auto Restart	28JUN99A	06JUL99A								
SVACT5A136	B090440-010\$E Spatial Query - Dry Run	01JUN99A	03JUN99A								
SVACT5A139	B090440-010\$E Spatial Query (2460)	03JUN99A	03JUN99A								
SVACTE1551	RM12 Ticket Available B100130.060	22JUN99A									
SVACTE1556	B100130.060 V0 ECS Gway Spatial - Dev Draft	11JUN99A	15JUN99A								
SVACTE1561	B100130.060 V0 ECS Gway Spatial -AO&ESDIS Review	15JUN99A	25JUN99A								
SVACTE1566	B100130.060 V0 ECS Gway Spatial - Update Final	25JUN99A	29JUN99A								
SVACTE1571	B100130.060 V0 ECS Gway Spatial - Dry Run	25JUN99A	30JUN99A								
SVACTE1576	B100130.040 V0 ECS Gway Spatial (2460)	07JUL99A	07JUL99A								
SVIDGE907	TC0303 EMail Parser Gateway (Regression)	28JUN99A	01JUL99A								
SVIDGE908	TC0291 Processing Subscription Actions (Regress)	29JUN99A	30JUN99A								
SVIDGE909	TC0294 Qualifying Subscribable Events (Regress)	01JUL99A	02JUL99A								
SVEIT20000	MODAPS SIPS I/F	09JUL99A	14JUL99A								
SVACTE1055	Develop Drop 5A Acceptance Test Plan (DID 409)	04JAN99A	18MAY99A								
SVACTE1065	Complete Final Draft of Drop 5A Test Plan	17MAR99A	12MAY99A								
SVACTE1075	Drop 5A DID 409 to CCB/DMO		12MAY99A								
SVACTE1090	Develop Drop 5A Test Procedure Doc	16MAR99A	21JUL99A								
SVACTE1080	Deliver Drop 5A DID 409 to ESDIS		18MAY99A								
SVMGTE1060	GSFC 5A Installation	19JUL99A	23JUL99A								
SVMGTE1100	LaRC 5A Installation	28JUL99A	16AUG99								
SVACTE1095	Drop 5A DID 411 to CCB/DMO		09AUG99A								

Activity ID	Activity Description	Mode	Orig Dur	%	Early Start	Early Finish	1998		1999										
							N	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG			
5A Drop 5A																			
VATC Verification and Test Center																			
SVYKDY0010	LO EDOS Data	OP	1	100	15NOV98A	05FEB99A													
SVYKDY0020	Level 1A MODIS HDF	OP	22	100	08JAN99A	12FEB99A													
SVYKDY0030	Level 1B ASTER HDF	OP	22	100	08JAN99A	12FEB99A													
SVDMSY0030	Dev procedure for Year 2000 Test(TS0388)	T2	1	100	11FEB99A	11FEB99A													
SVDMSY0040	AO & ESDIS Rev Dft Proc. for DMS Yr 2000(TS0388)	T2	1	100	12FEB99A	25FEB99A													
SVDMSY0050	Update Final Proc. w/Com. for DMS Yr 2000(TS0388)	T2	4	100	24FEB99A	25FEB99A													
SVDMSY0020	IOS Year 2000 Test (TS0388)	T2	4	100	18MAR99A	31MAR99A													
SVDMSY0090	IOS Year 2000 Test (TS0388)	T2	2	100	09APR99A	09APR99A													
SVDMSY0060	Dev Proc for DMS yr 2000 Test)TS0387	T2	1	100	11FEB99A	11FEB99A													
SVDMSY0070	AO & ESDIS Rev Drft Proc. DMS yr 2000 Test TS0387	T2	18	100	12FEB99A	29MAR99A													
SVDMSY0010	DMS Year 2000 Test(TS0387)	T2	4	100	22MAR99A	24MAR99A													
SVDMSY0080	Update Final Proc. w/com. for DMS yr2000 TS0387	T2	4	100	29MAR99A	05APR99A													
SVDMSY0100	DMS Year 2000 Test(TS0387)	OP	2	100	09APR99A	09APR99A													
SVDSSY0040	Dev procedure for Pre-2000 Tests	T2	1	100	11FEB99A	11FEB99A													
SVDSSY0050	AO & ESDIS Review Draft Proc. for Pre-2000 Tests	T2	13	100	12FEB99A	02MAR99A													
SVDSSY0070	Dev procedure for 2000 & Post 2000 Test TS0815.2	T1	1	100	11FEB99A	11FEB99A													
SVDSSY0080	AO & ESDIS Review Draft Proc. for Tests TS0815.2	T1	18	100	12FEB99A	07APR99A													
SVDSSY0020	Year 2000 and Posts 2000 Tests (TS0815.2)	T1	5	100	19MAR99A	31MAR99A													
SVDSSY0100	Dev procedure for System Time Change TS0815.3	T1	1	100	11FEB99A	11FEB99A													
SVDSSY0110	AO & ESDIS Review Draft Proc. for TS0815.3	T1	18	100	12FEB99A	12APR99A													
SVDSSY0150	System time change Tests(TS0815.3)	T1	5	20	12APR99A	18AUG99													
SVDSSY0120	Update Final Proc. w/Comments for Sys Time Chg.	T1	1	100	14APR99A	22APR99A													
SVMSSY0060	Dev proc for Request Order Tracking TC0070	T1	1	100	11FEB99A	11FEB99A													
SVMSSY0070	AO & ESDIS Rev Draft Proc for Rqst Ord TrkTC0070	T1	18	100	12FEB99A	09MAR99A													
SVMSSY0080	Update Fnl Proc w/com for Request OrdTrackTC0070	T1	1	100	15MAR99A	23MAR99A													
SVMSSY0020	Request Order Tracking(TC0070)	T1	5	100	18MAR99A	31MAR99A													
SVMSSY0100	Request Order Tracking(TC0070)	OP	0	100	02APR99A	09APR99A													
SVDPSY0150	Dev proc for Pre-2K Data Proc. del srvr (TS0494)	T2	3	100	12FEB99A	16FEB99A													
SVDPSY0160	AO & ESDIS Review Draft Pro for Pre-2K TS0494	T2	16	100	17FEB99A	05MAR99A													
SVDPSY0170	Updte Fin Proc w/com Pre-2K Data del srvr TSO494	T2	1	100	05MAR99A	17MAR99A													
SVDPSY0040	Pre Y2K Data Proc- del srvr/GND events(TS0494)	T2	5	100	18MAR99A	24MAR99A													
SVDPSY0230	Pre Y2K Data Proc- del srvr/GND events(TS0494)	T2	6	100	02APR99A	07APR99A													
SVDPSY120	Dev proc for Pre-2K Data Proc. DPREP (TS0493)	T2	3	100	12FEB99A	15FEB99A													
SVDPSY130	AO & ESDIS Review Draft Pro for Pre-2K TS0493	T2	13	100	16FEB99A	02MAR99A													
SVDPSY140	Updte Fin Proc w/com Pre-2K Data DPREP TSO493	T2	4	100	03MAR99A	17MAR99A													
SVDPSY0030	Pre-2000 Y2K Data Proc.- DPREP (TS0493)	OP	5	100	19MAR99A	31MAR99A													
SVDPSY0220	Pre-2000 Y2K Data Proc.- DPREP (TS0493)	T1	2	100	03MAY99A	08MAY99A													
SVDPSY0223	Pre-2000 Y2K Data Proc.- DPREP (TS0493) ReRun	T1	6	0	13AUG99*	20AUG99													
SVIDGY0070	Dev procedure for Time Value Manipulation	OP	3	100	12FEB99A	15FEB99A													
SVIDGY0080	AO & ESDIS Rev. Draft Proc. for Time Value Manip	OP	16	100	16FEB99A	05MAR99A													
SVIDGY0090	Update Final Proc. w/Com. for Time Value Manipul	OP	1	100	10MAR99A	31MAR99A													
SVIDGY0010	Time Value Manipulation(TC0207)	OP	4	100	19MAR99A	24MAR99A													

Project Start 01SEP97

Project Finish 12JUL02

Data Date 23JUL99

Run Date 26JUL99

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ECSP:SVER

Sheet 1 of 3

ECS Development Project

Y2K Test Schedule

as of July 26, 1999

Activity ID	Activity Description	Mode	Orig Dur	%	Early Start	Early Finish	1998															
							1999															
							N	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG						
SVACTY1320	Update Fnl Proc Ing, Val, & Arch ASTER 1A & 1B	T2	1	100	15MAR99A	19MAR99A																
SVACTY1330	Dev proc for L7 Product Subscription & QA	T1	1	100	16FEB99A	22FEB99A																
SVACTY1340	AO & ESDIS Rev Draft Proc for L7 Prod Subscript	T1	8	100	23FEB99A	01MAR99A																
SVACTY1350	Update Fnl Proc W/com for L7 Prod Subscript	T1	5	100	03MAR99A	17MAR99A																
SVACTY1090	Y100230.040 - L7 Product Subscription	T1	5	100	12MAR99A	31MAR99A																
SVACTY1430	Y100230.040 - L7 Product Subscription	T1	6	100	29MAR99A	01APR99A																
SVACTY1360	Dev proc for ECS User Access to L7 Info & Prod	T1	1	100	16FEB99A	19FEB99A																
SVACTY1370	AO & ESDIS Rev Draft Proc for ECS User Access L7	T1	14	100	23FEB99A	05MAR99A																
SVACTY1100	Y120650.030 ECS User Access to L7 Info & Prod.	T1	4	100	12MAR99A	05APR99A																
SVACTY1380	Update Fnl Proc W/com for ECS User Access to L7	T1	1	100	15MAR99A	19MAR99A																
SVACTY1440	Y120650.030 ECS User Access to L7 Info & Prod.	T1	5	100	05APR99A	07APR99A																
SVACTY1390	Dev proc for MODIS Cloud Mask Data Proc & Arch	T2	1	100	16FEB99A	19FEB99A																
SVACTY1400	AO & ESDIS Rev Draft Proc for MODIS Cloud Mask	T2	8	100	23FEB99A	25FEB99A																
SVACTY1410	Update Fnl Proc W/com for MODIS Cloud Mask Data	T2	13	100	25FEB99A	17MAR99A																
SVACTY1110	Y090310.150 - MODIS Cloud Mask Data Proc & Arc	T2	4	100	12MAR99A	23MAR99A																
SVACTY1500	Y090310.150 - MODIS Cloud Mask Data Proc & Arc	OP	6	100	23MAR99A	12APR99A																
SVACTY1510	Recovery	T2	3	100	04MAR99A	08MAR99A																
SVMGTY1025	pY2K Testing - TS2	T2	34*	100	12MAR99A	28APR99A																
SVACTY1520	Start of Setting of Clocks for T1,T2, T3, T4	T1	1	100	18MAR99A	13APR99A																
SVMGTY1035	Y2K Testing - OPS	OP	30*	100	18MAR99A	28APR99A																
SVMGTY1045	Tickets Available Process	OP	1	100	18MAR99A	12APR99A																
SVMGTY1030	Y2K Testing - TS2 COMPLETE	T2	0	100		28APR99A																
SVMGTY1040	Y2K Testing - OPS COMPLETE	OP	0	100		28APR99A																
SVMGTY1015	Y2K Testing - TS1 COMPLETE	T1	0	0		20AUG99																

Appendix B. Verification Database

[Down-loaded from the Verification Database (<http://ecsv.gsfc.nasa.gov/>) on 8/16/99]

Test Key	Test Case ID	Test Case Title	FG Source	FG Priority	Criteria Key	Criteria Statement	Criteria Type	Criteria Drop	Tester	Completion Status	Test Drop	Test Site	Test Date	TC/Crit Status	NCR Number	NCR Severity	NCR Status	Witnesses	Comment
19	B080130.020\$E	8.1.3.2 Process Life Cycle, Status Monitoring, and Event Recording	RM03	1	53	7. Using Tivoli, set thresholds for the selected performance metrics on the selected hosts in the test environment to values which will cause performance events to be reported in the course of the concurrent application test. At a minimum, demonstrate cp	FC	5A											
1860	B100400.070_5A	Interim Granules	RH62	4	312	4. Interim products are deleted after they are no longer required by processing.	FC	5A	D. Pinder	NO DATA	5A	VATC	7/1/99	V				G. Jenkins	NO DATA
1868	B120450.020\$G_5A	DAS Ancillary Data Ingest and Archive	SM08	1	538	2. Receive, Archive & Inventory Data (a) DAS First Look Analysis Products including ESDTs DFLAPCHM,DFLAPMIS, DFLAXCHM, DFLAXCLD, DFLAXENG, DFLAXLSM, DFLAXMIS, DFLAXSTR	FC	5A	L. Jalleta	NO DATA	5A	VATC	7/8/99	V				T. Gresko	NO DATA
1863	TS0605.1_5A	DAS Data Ingest & Archive Error Test	SM08	1	539	1 Receive PDR produces no ECS recordable errors. Error conditions in the PDR are described in the PDRD as follows 1.1 Invalid File Count	EC	5A	A. Le	NO DATA	5A	VATC	6/21/99	V				BW	Drop 5A.Beta
1863	TS0605.1_5A	DAS Data Ingest & Archive Error Test	SM08	1	541	1 Receive PDR produces no ECS recordable errors. Error conditions in the PDR are described in the PDRD as follows 1.4 Invalid PVL Statement - Not tested for	EC	5A	A. Le	NO DATA	5A	VATC	6/21/99	NV	18187	3	A	BW	Drop 5A.Beta, NCR 18187(3)
1863	TS0605.1_5A	DAS Data Ingest & Archive Error Test	SM08	1	542	1 Receive PDR produces no ECS recordable errors. Error conditions in the PDR are described in the PDRD as follows 1.5 Missing Or Invalid Originating_System Parameter	EC	5A	A. Le	NO DATA	5A	VATC	6/21/99	V				BW	Drop 5A.Beta
1863	TS0605.1_5A	DAS Data Ingest & Archive Error Test	SM08	1	543	1 Receive PDR produces no ECS recordable errors. Error conditions in the PDR are described in the PDRD as follows 1.6 Data Provider Request Threshold Exceeded	EC	5A	A. Le	NO DATA	5A	VATC	6/21/99	NV	23190	4	A	BW	Drop 5A.Beta, NCR 23190(4)
1863	TS0605.1_5A	DAS Data Ingest & Archive Error Test	SM08	1	544	1 Receive PDR produces no ECS recordable errors. Error conditions in the PDR are described in the PDRD as follows 1.9 System Volume Threshold Exceeded	EC	5A	A. Le	NO DATA	5A	VATC	6/21/99	V				BW	Drop 5A.Beta
1863	TS0605.1_5A	DAS Data Ingest & Archive Error Test	SM08	1	545	1 Receive PDR produces no ECS recordable errors. Error conditions in the PDR are described in the PDRD as follows 1.10 Invalid Data Type	EC	5A	A. Le	NO DATA	5A	VATC	6/21/99	NV	21313	3	R	BW	Drop 5A.Beta, NCR 21313 (3)
1863	TS0605.1_5A	DAS Data Ingest & Archive Error Test	SM08	1	546	1 Receive PDR produces no ECS recordable errors. Error conditions in the PDR are described in the PDRD as follows 1.11 Invalid Directory	EC	5A	A. Le	NO DATA	5A	VATC	6/21/99	V				BW	Drop 5A.Beta
1863	TS0605.1_5A	DAS Data Ingest & Archive Error Test	SM08	1	547	1 Receive PDR produces no ECS recordable errors. Error conditions in the PDR are described in the PDRD as follows 1.12 Invalid File Size	EC	5A	A. Le	NO DATA	5A	VATC	6/21/99	V				BW	Drop 5A.Beta

Test Key	Test Case ID	Test Case Title	FG Source	FG Priority	Criteria Key	Criteria Statement	Criteria Type	Criteria Drop	Tester	Completion Status	Test Drop	Test Site	Test Date	TC/Crit Status	NCR Number	NCR Severity	NCR Status	Witnesses	Comment
1863	TS0605.1_5A	DAS Data Ingest & Archive Error Test	SM08	1	548	1 Receive PDR produces no ECS recordable errors. Error conditions in the PDR are described in the PDRD as follows 1.15 Invalid File Type	EC	5A	A. Le	NO DATA	5A	VATC	6/21/99	V				BW	Drop 5A.Beta
1863	TS0605.1_5A	DAS Data Ingest & Archive Error Test	SM08	1	552	3 PAN Error conditions are 3.4 FTP Failure	EC	5A	A. Le	NO DATA	5A	VATC	6/21/99	NV	23073	3	A	BW	Drop 5A.Beta, NCR 23073 (3)
1863	TS0605.1_5A	DAS Data Ingest & Archive Error Test	SM08	1	553	3 PAN Error conditions are 3.5 Post-Transfer File Size Check Failure	EC	5A	A. Le	NO DATA	5A	VATC	6/21/99	V				BW	Drop 5A.Beta
1863	TS0605.1_5A	DAS Data Ingest & Archive Error Test	SM08	1	555	3 PAN Error conditions are 3.8 Metadata Preprocessing Error	EC	5A	A. Le	NO DATA	5A	VATC	6/21/99	V				BW	Drop 5A.Beta
1863	TS0605.1_5A	DAS Data Ingest & Archive Error Test	SM08	1	557	3 PAN Error conditions are 3.11 Data Base Access Error	EC	5A	A. Le	NO DATA	5A	VATC	6/21/99	NV				BW	Drop 5A.Beta, NCRs 23074(2), 23075(2)
1863	TS0605.1_5A	DAS Data Ingest & Archive Error Test	SM08	1	559	3 PAN Error conditions are 3.13 Incorrect Number Of Science Files	EC	5A	A. Le	NO DATA	5A	VATC	6/21/99	V				BW	Drop 5A.Beta
1857	B090120.010\$L_5A	SAGE III Level 0 Data Ingest and Archiving	SM14	1	679	1 Transfer of Data and PDR to SAGE III File Server	FC	5A	D. Feinsilber	NO DATA	5A	VATC	7/8/99	V				G. Jenkins	NO DATA
1857	B090120.010\$L_5A	SAGE III Level 0 Data Ingest and Archiving	SM14	1	680	3 Get, Archive & Inventory L0 and Ephemeris Data	FC	5A	D. Feinsilber	NO DATA	5A	VATC	7/8/99	V				T. Gresko	Verified NCR 23006.
1857	B090120.010\$L_5A	SAGE III Level 0 Data Ingest and Archiving	SM14	1	681	4 Send PAN	FC	5A	D. Feinsilber	NO DATA	5A	VATC	7/8/99	V				T. Gresko	Verified NCR 23006.
1864	TS0680.6_5A	SAGE III Data Ingest & Archive Error Test	SM14	1	685	2 PDR error conditions 2.4 Invalid PVL Statement - Not tested for	EC	5A	A. Le	NO DATA	5A	VATC	6/8/99	NV	18187	3	A	GJ	Drop 5A.Beta, NCR 18187(3)
1864	TS0680.6_5A	SAGE III Data Ingest & Archive Error Test	SM14	1	686	2 PDR error conditions 2.5 Missing Or Invalid Originating_System Parameter	EC	5A	A. Le	NO DATA	5A	VATC	6/8/99	V				GJ	Drop 5A.Beta
1864	TS0680.6_5A	SAGE III Data Ingest & Archive Error Test	SM14	1	687	2 PDR error conditions 2.6 Data Provider Request Threshold Exceeded	EC	5A	A. Le	NO DATA	5A	VATC	6/8/99	V				GJ	Drop 5A.Beta
1864	TS0680.6_5A	SAGE III Data Ingest & Archive Error Test	SM14	1	688	2 PDR error conditions 2.7 Data Provider Volume Threshold Exceeded	EC	5A	A. Le	NO DATA	5A	VATC	6/8/99	V				GJ	Drop 5A.Beta
1864	TS0680.6_5A	SAGE III Data Ingest & Archive Error Test	SM14	1	689	2 PDR error conditions 2.9 System Volume Threshold Exceeded	EC	5A	A. Le	NO DATA	5A	VATC	6/8/99	V				GJ	Drop 5A.Beta
1864	TS0680.6_5A	SAGE III Data Ingest & Archive Error Test	SM14	1	690	2 PDR error conditions 2.11 Invalid Directory	EC	5A	A. Le	NO DATA	5A	VATC	6/8/99	V				GJ	Drop 5A.Beta
1864	TS0680.6_5A	SAGE III Data Ingest & Archive Error Test	SM14	1	691	2 PDR error conditions 2.12 Invalid File Size	EC	5A	A. Le	NO DATA	5A	VATC	6/8/99	V				GJ	Drop 5A.Beta
1864	TS0680.6_5A	SAGE III Data Ingest & Archive Error Test	SM14	1	692	2 PDR error conditions 2.13 Invalid File Id	EC	5A	A. Le	NO DATA	5A	VATC	6/8/99	V				GJ	Drop 5A.Beta
1864	TS0680.6_5A	SAGE III Data Ingest & Archive Error Test	SM14	1	693	2 PDR error conditions 2.14 Invalid Node Name	EC	5A	A. Le	NO DATA	5A	VATC	6/8/99	V				GJ	Drop 5A.Beta
1864	TS0680.6_5A	SAGE III Data Ingest & Archive Error Test	SM14	1	696	4 Get, Archive & Inventory L0 and Ephemeris Data error conditions are described in the PAN error conditions 4.3 All File Groups/Files Not Found	EC	5A	A. Le	NO DATA	5A	VATC	6/8/99	V				GJ	Drop 5A.Beta
1864	TS0680.6_5A	SAGE III Data Ingest & Archive Error Test	SM14	1	697	4 Get, Archive & Inventory L0 and Ephemeris Data error conditions are described in the PAN error conditions 4.4 FTP Failure	EC	5A	A. Le	NO DATA	5A	VATC	6/8/99	NV	23073	3	A	GJ	Drop 5A.Beta, NCR 23073(3)
1864	TS0680.6_5A	SAGE III Data Ingest & Archive Error Test	SM14	1	698	4 Get, Archive & Inventory L0 and Ephemeris Data error conditions are described in the PAN error conditions 4.5 Post-Transfer File Size Check Failure	EC	5A	A. Le	NO DATA	5A	VATC	6/8/99	V				GJ	Drop 5A.Beta
1864	TS0680.6_5A	SAGE III Data Ingest & Archive Error Test	SM14	1	700	4 Get, Archive & Inventory L0 and Ephemeris Data error conditions are	EC	5A	A. Le	NO DATA	5A	VATC	6/8/99	V				GJ	Drop 5A.Beta

Test Key	Test Case ID	Test Case Title	FG Source	FG Priority	Criteria Key	Criteria Statement	Criteria Type	Criteria Drop	Tester	Completion Status	Test Drop	Test Site	Test Date	TC/Critical Status	NCR Number	NCR Severity	NCR Status	Witnesses	Comment
						described in the PAN error conditions 4.9 Resource Allocation Failure													
1864	TS0680.6_5A	SAGE III Data Ingest & Archive Error Test	SM14	1	703	4 Get, Archive & Inventory L0 and Ephemeris Data error conditions are described in the PAN error conditions 4.13 Incorrect Number Of Science Files	EC	5A	A. Le	NO DATA	5A	VATC	6/8/99	V				GJ	Drop 5A.Beta
1864	TS0680.6_5A	SAGE III Data Ingest & Archive Error Test	SM14	1	708	4 Get, Archive & Inventory L0 and Ephemeris Data error conditions are described in the PAN error conditions 4.20 Data Archive Error	EC	5A	A. Le	NO DATA	5A	VATC	6/8/99	V				GJ	Drop 5A.Beta
1858	B090120.020\$L_5A	Standard ECS Product Ingest	SM15	4	712	1 Transfer of PDR to the PDR Server	FC	5A	S. Ritter	NO DATA	5A	VATC	6/13/99	V				T. Gresko	Section 20 of test.
1858	B090120.020\$L_5A	Standard ECS Product Ingest	SM15	4	713	2 Process PDR & return PDRD if appropriate	FC	5A	S. Ritter	NO DATA	5A	VATC	6/13/99	V				R. Galica	NO DATA
1858	B090120.020\$L_5A	Standard ECS Product Ingest	SM15	4	714	4 Send PAN	FC	5A	S. Ritter	NO DATA	5A	VATC	6/13/99	VW	23360	3	A	R. Galica	23360(3)
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	717	2 PDR error conditions 2.3 Database Failures	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	718	2 PDR error conditions 2.4 Invalid PVL Statement - Not tested for	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	NV	18187	3	A	B. Wingood	18187(3)
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	719	2 PDR error conditions 2.5 Missing Or Invalid Originating_System Parameter	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	720	2 PDR error conditions 2.8 System Request Threshold Exceeded	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	721	2 PDR error conditions 2.9 System Volume Threshold Exceeded	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	722	2 PDR error conditions 2.10 Invalid Data Type	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	NV	21313	3	R	B. Wingood	21313(3)
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	723	2 PDR error conditions 2.11 Invalid Directory	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	724	2 PDR error conditions 2.13 Invalid File Id	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	725	2 PDR error conditions 2.15 Invalid File Type	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	728	4 PAN error conditions 4.3 All File Groups/Files Not Found	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	729	4 PAN error conditions 4.4 FTP Failure	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	NV	23073	3	A	B. Wingood	23073(3)
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	730	4 PAN error conditions 4.5 Post-Transfer File Size Check Failure	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	732	4 PAN error conditions 4.9 Linkage File Preprocessing Error	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	NV	23274	3	A	B. Wingood	23274(3)
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	733	4 PAN error conditions 4.10 Resource Allocation Failure	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	735	4 PAN error conditions 4.12 Data Base Access Error	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	DE				NO DATA	This criterion is not testable (per D. Shoup).
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	740	4 PAN error conditions 4.21 Data Archive Error	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	741	4 PAN error conditions 4.22 Referenced Granule Not Found	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	742	4 PAN error conditions 4.23 Referenced Granule Duplicated	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA

Test Key	Test Case ID	Test Case Title	FG Source	FG Priority	Criteria Key	Criteria Statement	Criteria Type	Criteria Drop	Tester	Completion Status	Test Drop	Test Site	Test Date	TC/Crit Status	NCR Number	NCR Severity	NCR Status	Witnesses	Comment
1868	B120450.020\$G_5A	DAS Ancillary Data Ingest and Archive	SM08	1	859	1. Receive PDR, validate and return short or long PDRD (if appropriate)	FC	5A	L. Jalleta	NO DATA	5A	VATC	7/8/99	VW	23071	3	T	T. Gresko	With PDRD, ingest request does not show up on GUI, but can be seen in logs. NCR 23071(3)
1863	TS0605.1_5A	DAS Data Ingest & Archive Error Test	SM08	1	860	1 Receive PDR produces no ECS recordable errors. Error conditions in the PDR are described in the PDRD as follows 1.7 Data Provider Volume Threshold Exceeded	EC	5A	A. Le	NO DATA	5A	VATC	6/21/99	V				BW	Drop 5A.Beta
1863	TS0605.1_5A	DAS Data Ingest & Archive Error Test	SM08	1	861	1 Receive PDR produces no ECS recordable errors. Error conditions in the PDR are described in the PDRD as follows 1.14 Invalid Node Name	EC	5A	A. Le	NO DATA	5A	VATC	6/21/99	V				BW	Drop 5A.Beta
1864	TS0680.6_5A	SAGE III Data Ingest & Archive Error Test	SM14	1	879	2 PDR error conditions 2.10 Invalid Data Type	EC	5A	A. Le	NO DATA	5A	VATC	6/8/99	NV	21313	3	R	GJ	Drop 5A.Beta, NCR 21313(3)
1864	TS0680.6_5A	SAGE III Data Ingest & Archive Error Test	SM14	1	880	2 PDR error conditions 2.15 Invalid File Type	EC	5A	A. Le	NO DATA	5A	VATC	6/8/99	V				GJ	Drop 5A.Beta
1864	TS0680.6_5A	SAGE III Data Ingest & Archive Error Test	SM14	1	881	4 Get, Archive & Inventory L0 and Ephemeris Data error conditions are described in the PAN error conditions 4.8 Metadata Preprocessing Error	EC	5A	A. Le	NO DATA	5A	VATC	6/8/99	V				GJ	Drop 5A.Beta
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	884	2 PDR error conditions 2.14 Invalid Node Name	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA
1863	TS0605.1_5A	DAS Data Ingest & Archive Error Test	SM08	1	962	1 Receive PDR produces no ECS recordable errors. Error conditions in the PDR are described in the PDRD as follows 1.3 Database Failures	EC	5A	A. Le	NO DATA	5A	VATC	6/21/99	V				BW	Drop 5A.Beta
1863	TS0605.1_5A	DAS Data Ingest & Archive Error Test	SM08	1	963	1 Receive PDR produces no ECS recordable errors. Error conditions in the PDR are described in the PDRD as follows 1.8 System Request Threshold Exceeded	EC	5A	A. Le	NO DATA	5A	VATC	6/21/99	V				BW	Drop 5A.Beta
1863	TS0605.1_5A	DAS Data Ingest & Archive Error Test	SM08	1	964	1 Receive PDR produces no ECS recordable errors. Error conditions in the PDR are described in the PDRD as follows 1.13 Invalid File Id	EC	5A	A. Le	NO DATA	5A	VATC	6/21/99	V				BW	Drop 5A.Beta
1863	TS0605.1_5A	DAS Data Ingest & Archive Error Test	SM08	1	965	3 PAN Error conditions are 3.3 All File Groups/Files Not Found	EC	5A	A. Le	NO DATA	5A	VATC	6/21/99	V				BW	Drop 5A.Beta
1863	TS0605.1_5A	DAS Data Ingest & Archive Error Test	SM08	1	966	3 PAN Error conditions are 3.9 Resource Allocation Failure	EC	5A	A. Le	NO DATA	5A	VATC	6/21/99	V				BW	Drop 5A.Beta
1863	TS0605.1_5A	DAS Data Ingest & Archive Error Test	SM08	1	968	3 PAN Error conditions are 3.20 Data Archive Error	EC	5A	A. Le	NO DATA	5A	VATC	6/21/99	V				BW	Drop 5A.Beta
1864	TS0680.6_5A	SAGE III Data Ingest & Archive Error Test	SM14	1	988	2 PDR error conditions 2.3 Database Failures	EC	5A	A. Le	NO DATA	5A	VATC	6/8/99	V				GJ	Drop 5A.Beta
1864	TS0680.6_5A	SAGE III Data Ingest & Archive Error Test	SM14	1	989	2 PDR error conditions 2.8 System Request Threshold Exceeded	EC	5A	A. Le	NO DATA	5A	VATC	6/8/99	V				GJ	Drop 5A.Beta
1864	TS0680.6_5A	SAGE III Data Ingest & Archive Error Test	SM14	1	992	4 Get, Archive & Inventory L0 and Ephemeris Data error conditions are described in the PAN error conditions 4.12 Incorrect Number Of Metadata Files	EC	5A	A. Le	NO DATA	5A	VATC	6/8/99	V				GJ	Drop 5A.Beta
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	994	2 PDR error conditions 2.1 Invalid File Count	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	995	2 PDR error conditions 2.7 Data Provider Volume Threshold Exceeded	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA

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1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	996	2 PDR error conditions 2.12 Invalid File Size	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	998	4 PAN error conditions 4.8 Metadata Preprocessing Error	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	999	4 PAN error conditions 4.13 Incorrect Number Of Metadata Files	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	1000	4 PAN error conditions 4.14 Incorrect Number Of Science Files	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA
1864	TS0680.6_5A	SAGE III Data Ingest & Archive Error Test	SM14	1	1023	2 PDR error conditions 2.1 Invalid File Count	EC	5A	A. Le	NO DATA	5A	VATC	6/8/99	V				GJ	Drop 5A.Beta
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	1024	2 PDR error conditions 2.6 Data Provider Request Threshold Exceeded	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA
1868	B120450.020\$G_5A	DAS Ancillary Data Ingest and Archive	SM08	1	1085	3 Send short or long, successful or error PAN	FC	5A	L. Jalleta	NO DATA	5A	VATC	7/8/99	V				T. Gresko	Short PAN for this test
1857	B090120.010\$L_5A	SAGE III Level 0 Data Ingest and Archiving	SM14	1	1092	2 Receive PDR, validate and PDRD (if appropriate)	FC	5A	D. Feinsilber	NO DATA	5A	VATC	7/8/99	V				G. Jenkins	NO DATA
1858	B090120.020\$L_5A	Standard ECS Product Ingest	SM15	4	1093	3. Perform an ingest of several granules via the INGST SIPS interface capability. The test needs to exercise ingest operations that meet the following criteria: 3.1 The granules must contain Input Pointers using both LGID and UR references.	FC	5A	S. Ritter	NO DATA	5A	VATC	6/13/99	V				R. Galica	NO DATA
1779	B100130.040_5A	V0 ECS Gateway	RH41	2	1106	2.1 Production History -- this is via client (i.e., B0SOT or V0 web gateway) - retrieve the Production History data for a granule.	FC	5A	L. Gant	NO DATA	5A	VATC	6/17/99	V				L. Knox	NO DATA
1759	B090420.010\$E	HDF-EOS AutoRestart	SM12	3	1227	5. Repeat steps 1 to 4, verifying that at the completion of the subsetting operation the HDF EOS server performing the subsetting operation will cleanup, shutdown and restart, and that after the restart the new HDF EOS server will have the same PID as the	FC	5A	J. Tsou	NO DATA	5A	VATC	6/28/99	V				G. Jenkins	Spatial tested only.
1774	B080130.030_5A	Mode Management & Remedy	RM04	1	1228	6. Forward a closed trouble ticket to the SMC using the SMC export capability configured for the DAAC.	FC	5A	J. Sydney	NO DATA	5A	VATC	6/29/99	V				T. Gresko	NO DATA
1774	B080130.030_5A	Mode Management & Remedy	RM04	1	1229	7. Import a forwarded ticket at the SMC. Show that the forwarded ticket can be included in searches and that its contents can be displayed	FC	5A	J. Sydney	NO DATA	5A	VATC	6/29/99	V				T. Gresko	NO DATA
1868	B120450.020\$G_5A	DAS Ancillary Data Ingest and Archive	SM08	1	1234	2. Receive, Archive & Inventory Data (f1) DAS Late Look Analysis Product including ESDTs DLLAPMIS, DLLAXMIS	FC	5A	L. Jalleta	NO DATA	5A	VATC	7/8/99	V				T. Gresko	NO DATA
1872	B100130.070_5P	V0 ECS Gateway-ECS Core Science Metadata Attributes	RM12	1	1238	7. [PSA support added for 5A]: Perform #1b and verify that select ECS core science metadata attributes. can be used in searches and can be inspected (attributes include LocalGranuleID, AutomaticQualityFlag, OperationalQualityFlag, and	FC	5P											

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						ScienceQualityFlag													
1779	B100130.040_5A	V0 ECS Gateway	RM12	1	1244	13. [RESULT TRUNCATION]: Adjust the SDSRV MaxDbResults downwards in order to exceed it with V0 searches. Issue V0 searches which are below, at and above the limit and verify that the results truncation is indicated when the total result size exceeds the	FC	5A	L. Gant	NO DATA	5A	VATC	6/17/99	V				L. Knox	NO DATA
1781	B120800.010_5A	Monitor SDSRV Memory Usage	RM12	1	1245	14. [OUT OF MEMORY CONDITION]: Adjust the SDSRV configuration parameters setting the memory limits for the various priorities. Using user profiles that employ different priorities, submit V0 searches and orders until the various memory limits are reached	FC	5A	D. Hall	NO DATA	5A	VATC	6/2/99	V				T. Gresko	NO DATA
1779	B100130.040_5A	V0 ECS Gateway	RM12	1	1246	15. [PRODUCTION HISTORY ORDER]. Perform a V0 search on a Level 2 or higher product that is produced by ECS. Select several granules for ordering and fill in order processing options to order their production history.	FC	5A	L. Gant	NO DATA	5A	VATC	6/17/99	V				L. Knox	NO DATA
1778	B090430.010\$E_5A	Ingest Validate & Archive ASTER L1A & L1B	SM07	1	1247	5. Demonstrate the ability to correctly ingest ASTER data and to interpret the associated granule level spatial metadata (corner points) as a Gpolygon spatial object.	FC	5A	L. Jalleta	NO DATA	5A	VATC	6/9/99	V				T. Gresko	NO DATA
1858	B090120.020\$L_5A	Standard ECS Product Ingest	SM15	4	1248	3. Perform an ingest of several granules via the INGST SIPS interface capability. The test needs to exercise ingest operations that meet the following criteria: 3.2 At least one ingest request must include a production history granule	FC	5A	S. Ritter	NO DATA	5A	VATC	6/13/99	V				R. Galica	NO DATA
1858	B090120.020\$L_5A	Standard ECS Product Ingest	SM15	4	1249	3. Perform an ingest of several granules via the INGST SIPS interface capability. The test needs to exercise ingest operations that meet the following criteria: 3.3 At least one ingest request must include a browse granule	FC	5A	S. Ritter	NO DATA	5A	VATC	6/13/99	V				R. Galica	NO DATA
1858	B090120.020\$L_5A	Standard ECS Product Ingest	SM15	4	1250	3. Perform an ingest of several granules via the INGST SIPS interface capability. The test needs to exercise ingest operations that meet the following criteria: 3.4 At least one ingest request must include browse and production history	FC	5A	S. Ritter	NO DATA	5A	VATC	6/13/99	V				R. Galica	NO DATA

Test Key	Test Case ID	Test Case Title	FG Source	FG Priority	Criteria Key	Criteria Statement	Criteria Type	Criteria Drop	Tester	Completion Status	Test Drop	Test Site	Test Date	TC/Crit Status	NCR Number	NCR Severity	NCR Status	Witnesses	Comment
						granules													
1858	B090120.020\$L_5A	Standard ECS Product Ingest	SM15	4	1251	5. Perform an ingest of a production history granule referencing a previously ingested science granule.	FC	5A	S. Ritter	NO DATA	5A	VATC	6/13/99	V				R. Galica	NO DATA
1858	B090120.020\$L_5A	Standard ECS Product Ingest	SM15	4	1252	6. Perform an ingest of a browse granule referencing a previously ingested science granule	FC	5A	S. Ritter	NO DATA	5A	VATC	6/13/99	V				R. Galica	NO DATA
1858	B090120.020\$L_5A	Standard ECS Product Ingest	SM15	4	1253	7. Perform an ingest of a QA granule referencing a previously ingested science granule	FC	5A	S. Ritter	NO DATA	5A	VATC	6/13/99	NV	23379	2	N	R. Galica	N23379(2)
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	1254	5. SIPS Error conditions: 5.1 Attempt to insert a science granule containing an LGID pointer referencing a non-existent local granule ID. A warning message is recorded in the log and the insert completes correctly.	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	NV	23370	2	T	B. Wingood	N23370(1)
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	1255	5. SIPS Error conditions: 5.2 Attempt to insert a science granule containing an LGID pointer to a granule that is inserted about 15 minutes later.	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	NV	23360, 23365, 23374	3, 2, 2	A, T, T	B. Wingood	NCRs 23365(2), 23374(2), 23360(3); No email.
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	1256	5. SIPS Error conditions: 5.3 Attempt to insert a browse granule containing an LGID pointer to a non-existent science granule	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	VW	23360	3	A	B. Wingood	Criteria verified; no Email message. NCR 23360(3)
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	1257	5. SIPS Error conditions: 5.4 Attempt to insert a browse granule containing an LGID pointer to a science granule that is inserted about 15 minutes later	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	VW	23360	3	A	B. Wingood	Criteria verified; no Email message. NCR 23360(3)
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	1258	5. SIPS Error conditions: 5.5 Attempt to insert a QA granule containing an LGID pointer to a non-existent science granule	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	1259	5. SIPS Error conditions: 5.6 Attempt to insert a QA granule containing an LGID pointer to a science granule that is inserted about 15 minutes later.	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	1260	5. SIPS Error conditions: 5.7 Attempt to insert a PH granule containing an LGID pointer to a non-existent science granule	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	1261	5. SIPS Error conditions: 5.8 Attempt to insert a PH granule containing an LGID pointer to a science granule that is inserted about 15 minutes later	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA
1865	TS0615.1_5A	SIPS Data Ingest and Archive Error Test	SM15	4	1262	5. SIPS Error conditions: 5.9 Attempt to insert a science granule containing an LGID pointer to a non-unique local granule ID.	EC	5A	A. Le	NO DATA	5A	VATC	6/13/99	V				B. Wingood	NO DATA

Test Key	Test Case ID	Test Case Title	FG Source	FG Priority	Criteria Key	Criteria Statement	Criteria Type	Criteria Drop	Tester	Completion Status	Test Drop	Test Site	Test Date	TC/Critical Status	NCR Number	NCR Severity	NCR Status	Witnesses	Comment
1774	B080130.030_5A	Mode Management & Remedy	RM03	1	1264	8. Using HP OpenView, make sure the following multi-platform applications are up and running. Then shut them down and restart them from HP OpenView. Verify that all servers belonging to the applications are indeed stopped and then restarted. The Appli	FC	5A	J. Sydney	NO DATA	5A	VATC	6/29/99	V				T. Gresko	NO DATA
1856	B080730.010_5A	Database Administration	RM03	1	1265	9. Monitor the SQL Servers in the in the test environment that are part of the 5A ECS delivery using Platinum DB Vision and Sybase SQL Server Monitor, employing the scenarios provided by Database Engineering	FC	5A	V. Khatri	NO DATA	5A	VATC	6/16/99	V				T. Gresko	NO DATA
1856	B080730.010_5A	Database Administration	RM03	1	1266	10. Start all Sybase instances in the test environment that are part of the 5A ECS delivery and show their status (instance summary).	FC	5A	V. Khatri	NO DATA	5A	VATC	6/16/99	V				T. Gresko	NO DATA
1856	B080730.010_5A	Database Administration	RM03	1	1267	11. Verify that the stop and restart of all Sybase instances are correctly monitored.	FC	5A	V. Khatri	NO DATA	5A	VATC	6/16/99	V				T. Gresko	NO DATA
1856	B080730.010_5A	Database Administration	RM03	1	1268	12. Initiate activity on the PDPS Sybase instance and perform the following monitoring activities: (a) cache statistics	FC	5A	V. Khatri	NO DATA	5A	VATC	6/16/99	V				T. Gresko	NO DATA
1856	B080730.010_5A	Database Administration	RM03	1	1269	12. Initiate activity on the PDPS Sybase instance and perform the following monitoring activities: (b) CPU statistics	FC	5A	V. Khatri	NO DATA	5A	VATC	6/16/99	V				T. Gresko	NO DATA
1856	B080730.010_5A	Database Administration	RM03	1	1270	13. Repeat the above step for the SDSRV Sybase instance.	FC	5A	V. Khatri	NO DATA	5A	VATC	6/16/99	V				T. Gresko	NO DATA
1856	B080730.010_5A	Database Administration	RM03	1	1271	14. Using the SDSRV Sybase instance, verify the correct operation of a number of alarms (as per the installation guidelines of ECS Database Engineering). The specific alarms to be tested are (a) Suspect database	FC	5A	V. Khatri	NO DATA	5A	VATC	6/16/99	V				T. Gresko	NO DATA
1856	B080730.010_5A	Database Administration	RM03	1	1272	14. Using the SDSRV Sybase instance, verify the correct operation of a number of alarms (as per the installation guidelines of ECS Database Engineering). The specific alarms to be tested are (b) Free space in tempdb low	FC	5A	V. Khatri	NO DATA	5A	VATC	6/16/99	V				T. Gresko	NO DATA
1856	B080730.010_5A	Database Administration	RM03	1	1273	14. Using the SDSRV Sybase instance, verify the correct operation of a number of alarms (as per the installation guidelines of ECS Database Engineering). The specific alarms to be tested are (c) High number of locks	FC	5A	V. Khatri	NO DATA	5A	VATC	6/16/99	V				T. Gresko	NO DATA
1856	B080730.010_5A	Database Administration	RM03	1	1274	14. Using the SDSRV Sybase instance, verify the correct operation of a number of alarms (as per the	FC	5A	V. Khatri	NO DATA	5A	VATC	6/16/99	V				T. Gresko	NO DATA

Test Key	Test Case ID	Test Case Title	FG Source	FG Priority	Criteria Key	Criteria Statement	Criteria Type	Criteria Drop	Tester	Completion Status	Test Drop	Test Site	Test Date	TC/Critical Status	NCR Number	NCR Severity	NCR Status	Witness	Comment
						installation guidelines of ECS Database Engineering). The specific alarms to be tested are (d) Long running transaction													
1856	B080730.010_5A	Database Administration	RM03	1	1275	14. Using the SDSRV Sybase instance, verify the correct operation of a number of alarms (as per the installation guidelines of ECS Database Engineering). The specific alarms to be tested are (e) Transaction log dump problem	FC	5A	V. Khatri	NO DATA	5A	VATC	6/16/99	V				T. Gresko	NO DATA
1856	B080730.010_5A	Database Administration	RM03	1	1276	15. Using the SDSRV Sybase instance, trigger the alarm for long-running queries (change the alarm setting if necessary).	FC	5A	V. Khatri	NO DATA	5A	VATC	6/16/99	V				T. Gresko	NO DATA
1856	B080730.010_5A	Database Administration	RM03	1	1277	16 Monitor the percentage of free space in the SDSRV tempdb	FC	5A	V. Khatri	NO DATA	5A	VATC	6/16/99	V				T. Gresko	NO DATA
1856	B080730.010_5A	Database Administration	RM03	1	1278	17. Monitor the percent of unreserved database segment space in the SBSRV databases.	FC	5A	V. Khatri	NO DATA	5A	VATC	6/16/99	V				T. Gresko	NO DATA
1777	B090340.010\$G_5A	Attitude Data Processing & Archive	RH33	2	1279	9. Demonstrate the ability of the DPREP processing element to correctly identify gaps in the AM-1 spacecraft ephemeris data exceeding 60 seconds and, as a result, to set the metadata quality flag 'Percent Missing Data' for the granule to the appropriate	FC	5A	D. Pinder	NO DATA	5A	VATC	7/12/99	V				T. Gresko	Section 9 of test. Works correctly only when gap is in middle of data, not at ends or across boundaries.
1777	B090340.010\$G_5A	Attitude Data Processing & Archive	RH33	2	1280	10. Demonstrate the ability of the system to notify operations that there is an orbit segment that needs to be replaced by FDD.	FC	5A	D. Pinder	NO DATA	5A	VATC	7/12/99	V				T. Gresko	Section 9, 10, & 2 of test.
1777	B090340.010\$G_5A	Attitude Data Processing & Archive	RH33	2	1281	11. Demonstrate the ability of the system to support operations in determining what span of data to request from FDD.	FC	5A	D. Pinder	NO DATA	5A	VATC	7/12/99	V				T. Gresko	Section 10 of test.
1777	B090340.010\$G_5A	Attitude Data Processing & Archive	RH33	2	1282	12. Demonstrate the ability of the DPREP processing element to process FDD produced AM-1 spacecraft ephemeris data to produce the properly formatted output ephemeris files and associated metadata that are then inserted into the ECS archive.	FC	5A	D. Pinder	NO DATA	5A	VATC	7/12/99	V				T. Gresko	Section 8, 15, 16, & 17 of test.
1775	B080860.010_5A	Maintenance Tool Management	RH60	3	1283	6. Demonstrate the ability to add new valids, or edit or delete existing valids to the DDICT database for ECS Core attributes	FC	5A	E. Lamptey	NO DATA	5A	VATC	6/8/99	V				T. Gresko	NO DATA
1776	B090320.020\$G_5A	Orbit Data Ingest & Archive	JG01	1	1284	1. Receive Orbit data file from FDS c) Each DAAC individually polls FDS directory	FC	5A	L. Jalleta	NO DATA	5A	VATC	7/8/99	NT				B. Wingood	Required GSFC DAAC/LaRC DAAC involvement
1776	B090320.020\$G_5A	Orbit Data Ingest & Archive	JG01	1	1285	1. Receive Orbit data file from FDS d) Polling without delivery record protocol	FC	5A	L. Jalleta	NO DATA	5A	VATC	7/8/99	V				B. Wingood	NO DATA
1776	B090320.020\$G_5A	Orbit Data Ingest & Archive	JG01	1	1286	3. Ingest Orbit data and extract	FC	5A	L. Jalleta	NO DATA	5A	VATC	7/8/99	V				B. Wingood	NO DATA

Test Key	Test Case ID	Test Case Title	FG Source	FG Priority	Criteria Key	Criteria Statement	Criteria Type	Criteria Drop	Tester	Completion Status	Test Drop	Test Site	Test Date	TC/Crit Status	NCR Number	NCR Severity	NCR Status	Witnesses	Comment
	A					temporal coverage													
1776	B090320.020\$G_5A	Orbit Data Ingest & Archive	JG01	1	1287	5. Archive orbit data data in proper ESDT (AM1EPHF for Orbit), set temporal coverage in metadata	FC	5A	L. Jalleta	NO DATA	5A	VATC	7/8/99	V				T. Gresko	NCR 23124 now verified.
1774	B080130.030_5A	Mode Management & Remedy	RH87	4	1288	1. Demonstrate the ability to insert new mode definitions into the Active Modes file via the operator GUI used for this purpose.	FC	5A	J. Sydney	NO DATA	5A	VATC	6/29/99	V				T. Gresko	NO DATA
1774	B080130.030_5A	Mode Management & Remedy	RH87	4	1289	2. Demonstrate the ability to delete existing modes from the Active Modes file via the operator GUI	FC	5A	J. Sydney	NO DATA	5A	VATC	6/29/99	V				T. Gresko	NO DATA
1774	B080130.030_5A	Mode Management & Remedy	RH87	4	1292	3. Attempt to delete a mode entry from the Active Modes file while applications are running in that mode. Confirm that the operator is notified of the fact and that mode entry cannot be deleted.	EC	5A	J. Sydney	NO DATA	5A	VATC	6/29/99	V				T. Gresko	NO DATA
1871	B090420.020\$E_5P	Landsat-7 IGS Metadata Ingest & Archive	SM17	4	1293	1. Receive IGS Metadata & PDR over FTP	FC	5P	L. Jalleta	NO DATA	5A	VATC	7/1/99	V				T. Gresko	NO DATA
1871	B090420.020\$E_5P	Landsat-7 IGS Metadata Ingest & Archive	SM17	4	1293	1. Receive IGS Metadata & PDR over FTP	FC	5P											
1871	B090420.020\$E_5P	Landsat-7 IGS Metadata Ingest & Archive	SM17	4	1294	2. Process PDR and return PDRD if appropriate	FC	5P	L. Jalleta	NO DATA	5A	VATC	7/1/99	NV	23071, 23236	3, 3	T, T	T. Gresko	NCRs 23236(2), 23071(3). NCR23236: No PDRD is delivered. We can look in log file, which seems like a workaround, but NCR is Sev-2, so we do not call it -VW-
1871	B090420.020\$E_5P	Landsat-7 IGS Metadata Ingest & Archive	SM17	4	1294	2. Process PDR and return PDRD if appropriate	FC	5P							23071, 23236	3, 3	T, T		
1871	B090420.020\$E_5P	Landsat-7 IGS Metadata Ingest & Archive	SM17	4	1295	3. Ingest & Archive Metadata from Polling Directory in Metadata0 Format	FC	5P	L. Jalleta	NO DATA	5A	VATC	7/1/99	V				T. Gresko	NO DATA
1871	B090420.020\$E_5P	Landsat-7 IGS Metadata Ingest & Archive	SM17	4	1295	3. Ingest & Archive Metadata from Polling Directory in Metadata0 Format	FC	5P											
1871	B090420.020\$E_5P	Landsat-7 IGS Metadata Ingest & Archive	SM17	4	1296	4. Send PAN	FC	5P	L. Jalleta	NO DATA	5A	VATC	7/1/99	V				T. Gresko	NO DATA
1871	B090420.020\$E_5P	Landsat-7 IGS Metadata Ingest & Archive	SM17	4	1296	4. Send PAN	FC	5P											
1866	TS0660.2_5A	Landsat-7 IGS Metadata Ingest & Archive Error Test	SM17	4	1297	1. PDR Errors Returned in the PDRD 1.1 Invalid file count	EC	5P	D. Shoup	NO DATA	5A	VATC	7/1/99	V				T. Gresko	NO DATA
1866	TS0660.2_5A	Landsat-7 IGS Metadata Ingest & Archive Error Test	SM17	4	1299	1. PDR Errors Returned in the PDRD 1.3 database failures	EC	5P	D. Shoup	NO DATA	5A	VATC	7/1/99	V				T. Gresko	NO DATA
1866	TS0660.2_5A	Landsat-7 IGS Metadata Ingest & Archive Error Test	SM17	4	1300	1. PDR Errors Returned in the PDRD 1.4 invalid PVL statement	EC	5P	D. Shoup	NO DATA	5A	VATC	7/1/99	NV	18187	3	A	T. Gresko	NCR 18187(3)
1866	TS0660.2_5A	Landsat-7 IGS Metadata Ingest & Archive Error Test	SM17	4	1301	1. PDR Errors Returned in the PDRD 1.5 Missing OR INVALID ORIGINATING_SYSTEM parameter	EC	5P	D. Shoup	NO DATA	5A	VATC	7/1/99	V				T. Gresko	NO DATA
1866	TS0660.2_5A	Landsat-7 IGS Metadata Ingest & Archive Error Test	SM17	4	1302	1. PDR Errors Returned in the PDRD 1.6 data provider request threshold exceeded	EC	5P	D. Shoup	NO DATA	5A	VATC	7/1/99	V				T. Gresko	NO DATA
1866	TS0660.2_5A	Landsat-7 IGS Metadata Ingest & Archive Error Test	SM17	4	1303	1. PDR Errors Returned in the PDRD 1.7 data provider volume threshold exceeded	EC	5P	D. Shoup	NO DATA	5A	VATC	7/1/99	V				T. Gresko	NO DATA
1866	TS0660.2_5A	Landsat-7 IGS Metadata Ingest & Archive Error Test	SM17	4	1304	1. PDR Errors Returned in the PDRD 1.8 system request threshold exceeded	EC	5P	D. Shoup	NO DATA	5A	VATC	7/1/99	V				T. Gresko	NO DATA

Test Key	Test Case ID	Test Case Title	FG Source	FG Priority	Criteria Key	Criteria Statement	Criteria Type	Criteria Drop	Tester	Completion Status	Test Drop	Test Site	Test Date	TC/Crit Status	NCR Number	NCR Severity	NCR Status	Witnesses	Comment
1866	TS0660.2_5A	Landsat-7 IGS Metadata Ingest & Archive Error Test	SM17	4	1305	1. PDR Errors Returned in the PDRD 1.9 system volume threshold exceeded	EC	5P	D. Shoup	NO DATA	5A	VATC	7/1/99	V				T. Gresko	NO DATA
1866	TS0660.2_5A	Landsat-7 IGS Metadata Ingest & Archive Error Test	SM17	4	1306	1. PDR Errors Returned in the PDRD 1.10 Invalid data type	EC	5P	D. Shoup	NO DATA	5A	VATC	7/1/99	NV	21313	3	R	T. Gresko	NCR 21313(3)
1866	TS0660.2_5A	Landsat-7 IGS Metadata Ingest & Archive Error Test	SM17	4	1307	1. PDR Errors Returned in the PDRD 1.11 Invalid directory	EC	5P	D. Shoup	NO DATA	5A	VATC	7/1/99	V				T. Gresko	NO DATA
1866	TS0660.2_5A	Landsat-7 IGS Metadata Ingest & Archive Error Test	SM17	4	1308	1. PDR Errors Returned in the PDRD 1.12 Invalid file size	EC	5P	D. Shoup	NO DATA	5A	VATC	7/1/99	V				T. Gresko	NO DATA
1866	TS0660.2_5A	Landsat-7 IGS Metadata Ingest & Archive Error Test	SM17	4	1309	1. PDR Errors Returned in the PDRD 1.13 Invalid file ID	EC	5P	D. Shoup	NO DATA	5A	VATC	7/1/99	V				T. Gresko	NO DATA
1866	TS0660.2_5A	Landsat-7 IGS Metadata Ingest & Archive Error Test	SM17	4	1310	1. PDR Errors Returned in the PDRD 1.14 Invalid node name	EC	5P	D. Shoup	NO DATA	5A	VATC	7/1/99	V				T. Gresko	NO DATA
1866	TS0660.2_5A	Landsat-7 IGS Metadata Ingest & Archive Error Test	SM17	4	1311	1. PDR Errors Returned in the PDRD 1.15 Invalid file type	EC	5P	D. Shoup	NO DATA	5A	VATC	7/1/99	V				T. Gresko	NO DATA
1866	TS0660.2_5A	Landsat-7 IGS Metadata Ingest & Archive Error Test	SM17	4	1315	2. Ingest & Archive errors returned in the PAN 2.4 All File Groups/Files not found	EC	5P	D. Shoup	NO DATA	5A	VATC	7/1/99	V				T. Gresko	NO DATA
1866	TS0660.2_5A	Landsat-7 IGS Metadata Ingest & Archive Error Test	SM17	4	1316	2. Ingest & Archive errors returned in the PAN 2.5 FTP failure	EC	5P	D. Shoup	NO DATA	5A	VATC	7/1/99	NV	23073	3	A	T. Gresko	NCR 23073(3)
1866	TS0660.2_5A	Landsat-7 IGS Metadata Ingest & Archive Error Test	SM17	4	1317	2. Ingest & Archive errors returned in the PAN 2.6 Post-transfer file size check failure	EC	5P	D. Shoup	NO DATA	5A	VATC	7/1/99	V				T. Gresko	NO DATA
1866	TS0660.2_5A	Landsat-7 IGS Metadata Ingest & Archive Error Test	SM17	4	1320	2. Ingest & Archive errors returned in the PAN 2.9 Metadata preprocessing error	EC	5P	D. Shoup	NO DATA	5A	VATC	7/1/99	V				T. Gresko	NO DATA
1866	TS0660.2_5A	Landsat-7 IGS Metadata Ingest & Archive Error Test	SM17	4	1321	2. Ingest & Archive errors returned in the PAN 2.10 Resource allocation failure	EC	5P	D. Shoup	NO DATA	5A	VATC	7/1/99	V				T. Gresko	NO DATA
1866	TS0660.2_5A	Landsat-7 IGS Metadata Ingest & Archive Error Test	SM17	4	1323	2. Ingest & Archive errors returned in the PAN 2.12 Data base access error	EC	5P	D. Shoup	NO DATA	5A	VATC	7/1/99	DE				T. Gresko	This criterion is not testable.
1866	TS0660.2_5A	Landsat-7 IGS Metadata Ingest & Archive Error Test	SM17	4	1324	2. Ingest & Archive errors returned in the PAN 2.13 Incorrect number of metadata files	EC	5P	D. Shoup	NO DATA	5A	VATC	7/1/99	NV	23284	3	A	T. Gresko	NCR 23284(3)
1866	TS0660.2_5A	Landsat-7 IGS Metadata Ingest & Archive Error Test	SM17	4	1332	2. Ingest & Archive errors returned in the PAN 2.21 Data archive error	EC	5P	D. Shoup	NO DATA	5A	VATC	7/1/99	V				T. Gresko	NO DATA
1859	B090320.040\$G_5A	DAAC to DAAC Distributed Ingest	SM18	4	1334	1. Perform cross DAAC transfers. Demonstrate the ability of Ingest (at one DAAC) to properly identify the arrival of email distribution messages, to interpret these messages generated by DDIST (from another DAAC) during distribution, to locate (host and	FC	5A	L. Gant	NO DATA	5A	VATC	7/9/99	V				T. Gresko	Test run at VATC, with connection to GSFC DAAC.
1859	B090320.040\$G_5A	DAAC to DAAC Distributed Ingest	SM18	4	1335	2. Perform cross mode transfer local to one DAAC. Demonstrate the ability of Ingest (into one mode at a specific DAAC) to properly identify the arrival of email distribution messages, to interpret these messages generated by DDIST (from another mode in t	FC	5A	L. Gant	NO DATA	5A	VATC	7/9/99	V				T. Gresko	NCR 23258 (Sev 1) verified.
1859	B090320.040\$G_5A	DAAC to DAAC Distributed Ingest	SM18	4	1336	3. Verify for both DAAC-to-DAAC and Mode-to-Mode transfers that the InputGranule Pointers have been	FC	5A	L. Gant	NO DATA	5A	VATC	7/9/99	V				T. Gresko	Test run at VATC, with connection to GSFC DAAC. Input Granule Pointers are flagged as -RE-

Test Key	Test Case ID	Test Case Title	FG Source	FG Priority	Criteria Key	Criteria Statement	Criteria Type	Criteria Drop	Tester	Completion Status	Test Drop	Test Site	Test Date	TC/Crit Status	NCR Number	NCR Severity	NCR Status	Witnesses	Comment
						flagged as DUPLICATES, and that Browse and PH pointers have been NULLed.													INGEST FROM DISTRIBUTION - INPUT UNKNOWN- rather than - DUPLICATES-
1780	B100230.020_5A	Product QA	RH07	1	1342	13. Via the subscription operator GUI, enter a subscription for a data type, specifying the option for granule distribution via FTP. Enter the user password at the appropriate points (once for primary entry and a second time for verification), observing	FC	5A	S. Chaudhari	NO DATA	5A	VATC	6/7/99	V				T. Gresko	NO DATA
1780	B100230.020_5A	Product QA	RH07	1	1343	14. Using an appropriate mechanism (e.g., via isql commands) inspect the subscription database and verify that the user passwords that have been entered are encrypted and cannot be used to access user accounts on the target systems for FTP distribution.	FC	5A	S. Chaudhari	NO DATA	5A	VATC	6/7/99	V				T. Gresko	NO DATA
1780	B100230.020_5A	Product QA	RH07	1	1344	15. Verify by triggering the subscription with FTP distribution that the encrypted password is correctly decrypted and used during the FTP distribution.	FC	5A	S. Chaudhari	NO DATA	5A	VATC	6/7/99	V				T. Gresko	NO DATA
1780	B100230.020_5A	Product QA	RH07	1	1345	12. Enter the userid once, intentionally enter the userid incorrectly the second time, and confirm that the system traps the incorrect entry and prompts to reenter the password	EC	5A	S. Chaudhari	NO DATA	5A	VATC	6/7/99	V				T. Gresko	NO DATA
1860	B100400.070_5A	Interim Granules	RH62	4	1346	5. Demonstrate that granules that have been deleted from the archive are physically deleted so that they can no longer be retrieved from the archive	FC	5A	D. Pinder	NO DATA	5A	VATC	7/1/99	V				G. Jenkins	NO DATA
1860	B100400.070_5A	Interim Granules	RH62	4	1347	6. Demonstrate that metadata for granules deleted from the archive is available and may be searched and inspected	FC	5A	D. Pinder	NO DATA	5A	VATC	7/1/99	V				G. Jenkins	NO DATA
1860	B100400.070_5A	Interim Granules	RH62	4	1348	7. Demonstrate that production history files for granules deleted from the archive may still be retrieved from the archive	FC	5A	D. Pinder	NO DATA	5A	VATC	7/1/99	V				G. Jenkins	NO DATA
1861	TS0860.7_5A	Interim Data Processing	RH62	4	1349	1. Demonstrate that an attempt to DFA a granule not supporting the DFA capability will return an error condition	EC	5A	B. Myers	NO DATA	5A	VATC	6/11/99	V				T. Gresko	NO DATA
1867	TS0860.7_5A	Interim data Processing Error Test	RH62	4	1349	1. Demonstrate that an attempt to DFA a granule not supporting the DFA capability will return an error condition	EC	5A											
1864	TS0680.6_5A	SAGE III Data Ingest & Archive Error Test	SM14	1	1350	4 Get, Archive & Inventory L0 and Ephemeris Data error conditions are described in the PAN error conditions. 4.21: Demonstrate that the system will retry for retrievable failures a configurable number of times.	EC	5A	A. Le	NO DATA	5A	VATC	6/8/99	V				GJ	Drop 5A.Beta
1782	TS0635.1_5A	FDD Data Ingest & Archive	JG01	1	1352	1. Handle bad file name for orbit data (Temporal coverage extracted from	EC	5A	D. Shoup	NO DATA	5A	VATC	6/16/99	NV	23155	3	T	B. Wingood	NCR 23155(3)

Test Key	Test Case ID	Test Case Title	FG Source	FG Priority	Criteria Key	Criteria Statement	Criteria Type	Criteria Drop	Tester	Completion Status	Test Drop	Test Site	Test Date	TC/Crit Status	NCR Number	NCR Severity	NCR Status	Witness	Comment
						file name)													
1782	TS0635.1_5A	FDD Data Ingest & Archive	JG01	1	1353	2. Handle partial and bad files for orbit data	EC	5A	D. Shoup	NO DATA	5A	VATC	6/16/99	V				B. Wingood	NO DATA
1870	TS0840.3_5A	Add EVT File to Database	RH13	1	1354	7. Insert the descriptor file/dll for the data type into SDSRV, creating the data type for the system. [Internal Implementation Change for Events Data Persistent Storage - Retest Existing Capabilities]	FC	5A	M. Nguyen	NO DATA	5A	VATC	6/28/99	V				T. Gresko	NO DATA
1869	B100130.060_5A	V0 ECS Gateway-Spatial	RM12	1	1360	16. [Internal Implementation Change: Retest of existing capabilities/criteria required. This criteria is a subset of the 4PX criteria 809. Refer to Drop 5A capability 2460: Handle variations on search areas and product specific spatial representations]	FC	5A	J. Tsou	NO DATA	5A	VATC	7/7/99	NV	23334, 23335	3, 2	N, A	R. Pfister	NCRs 23334(2), 23335(2)
1533	B090440.010\$E	Spatial Query	RH84	2	1361	15. [Internal Implementation Change: Retest of existing capabilities/criteria required. This criteria is a subset of the 4PX criteria 1076. Refer to Drop 5A capability 2460: Handle variations on search areas and product specific spatial representations]	FC	5A	D. Fountain	NO DATA	5A	VATC	6/3/99	V				T. Gresko	NO DATA
1777	B090340.010\$G_5A	Attitude Data Processing & Archive	RH33	2	1362	8. Demonstrate the ability to identify gaps exceeding 60 seconds in length in AM-1 ancillary based ephemeris data and, as a result, to set the metadata quality flag -Percent Missing Data- for the granule to the appropriate setting (a) where the gap is at t	EC	5A	D. Pinder	NO DATA	5A	VATC	7/12/99	NV	23364, 23380	2, 2	R, R	T. Gresko	Section 18 of test. NCRs 23364(2), 23380(2)
1777	B090340.010\$G_5A	Attitude Data Processing & Archive	RH33	2	1363	8. Demonstrate the ability to identify gaps exceeding 60 seconds in length in AM-1 ancillary based ephemeris data and, as a result, to set the metadata quality flag -Percent Missing Data- for the granule to the appropriate setting (b) where the gap is at t	EC	5A	D. Pinder	NO DATA	5A	VATC	7/12/99	NV	23364	2	R	T. Gresko	Section 19 of test. NCR 23364(2)
1777	B090340.010\$G_5A	Attitude Data Processing & Archive	RH33	2	1364	8. Demonstrate the ability to identify gaps exceeding 60 seconds in length in AM-1 ancillary based ephemeris data and, as a result, to set the metadata quality flag -Percent Missing Data- for the granule to the appropriate setting (c) where the gap spans a	EC	5A	D. Pinder	NO DATA	5A	VATC	7/12/99	NV	23364	2	R	T. Gresko	Section 20 of test. NCR 23364(2)
1858	B090120.020\$L_5A	Standard ECS Product Ingest	SM15	4	1365	3. Perform an ingest of several granules via the INGST SIPS interface capability. The test needs to exercise ingest operations that meet the following criteria: 3.5 At least one ingest request must include a QA granule	FC	5A	S. Ritter	NO DATA	5A	VATC	6/13/99	V				R. Galica	NO DATA