

#765

81-070B-01G

DYNAMICS EXPLORER 2

MAG-B HIGH RESOLUTION GMS DATA

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THIS DATA SET CONSISTS OF 5 MAGNETIC TAPES. THE TAPES ARE 8MM, WRITTEN IN ASCII, CREATED ON THE VAX SYSTEM IN BACKUP FORMAT. THEY ARE LABELED AND CONTAIN SEVERAL SAVESETS PER TAPE, WHICH ARE LISTED BELOW. THE D AND C NUMBER ALONG WITH IT'S TIME SPANS ARE LISTED ALSO.

D#	C#	FILES	TIME SPANS	LABEL
D-108206	C-031953	6	08/15/81-11/19/81	BGMS1
D-108207	C-031954	8	11/20/81-03/19/82	BGMS2
D-108208	C-031955	8	03/20/82-07/08/82	BGMS3
D-108209	C-031956	7	07/09/82-11/19/82	BGMS4
D-108210	C-031957	4	11/20/82-02/16/83	BGMS5

LISTING OF SAVESETS PER TAPE

D-108206	BGMS01.BCK-BGMS06.BCK
D-108207	BGMS07.BCK-BGMS14.BCK
D-108208	BGMS15.BCK-BGMS21.BCK
D-108209	BGMS22.BCK-BGMS28.BCK
D-108210	BGMS29.BCK-BGMS32.BCK

***AN UPDATED README FILE CORRECTS ERRORS IN THE FILE IN EACH BACKUP FILE;
USE THE FOLLOWING INSTEAD:" [DE_PROJ.CANDEY.MAGB]MAGB_GMS_README.TXT".***

DYNAMICS EXPLORER 2 (DE-2) MAGNETOMETER (MAG-B) HIGH RESOLUTION DATA BASE

This data set contains the MAG-B high resolution data in GMS coordinates with the following OA parameters added to the data set: model magnetic field, magnetic local time, invariant latitude, spacecraft altitude, and geomagnetic longitude and latitude. The three components of the magnetic field in this Cartesian system are B-Radial (positive outward), B-Theta (positive southward) and B-Phi (positive eastward) all oriented relative to the a MAGSAT geomagnetic field model (Langel et al., GRL, 7, 793, 1980).

As with most telemetered geophysical data the vector components of the magnetic field archived here suffer from occasional bad data points. These spurious data entries were caused for the most part by noise introduced in the satellite station telemetry link. Such spurious data can usually be recognized by workers familiar with similar satellite magnetic field data sets. These are usually single point excursions which show no geophysical correlation between the three components of the field.

The dominant source of error in the DE-2 magnetic field measurements is the uncertainty in the attitude of the spacecraft. The DE-2 spacecraft was designed to obtain a final attitude knowledge of ± 0.3 deg which it appears to have attained most of the time. However, episodes of spacecraft nutation with a period near 30 sec and an amplitude of several tenths of a degree were common as well as occasional, several minute errors in the horizon sensor output which produced sudden shifts in attitude of several tenths of a degree. Note that as a general rule an error in spacecraft attitude of 0.1 deg will cause an error in the measured field of about 100 nT per component when the field is transferred from spacecraft to inertial coordinates. For this reason it is common practice to make "baseline corrections" using various physical arguments if higher accuracies are required (e.g., Gary et al., JGR, 99, 11417, 1994). The absolute accuracy of the DE-2 magnetometer can be evaluated after launch only through comparison with precision vector/scalar geomagnetic observatories located on the ground. On the basis of such cross-comparisons a 1-sigma error in the total field magnitude over the course of the DE-2 mission of ± 28 nT has been determined (Langel, Geological Soc. of India Mem., 24, 3, 1992).

The data set consists of daily files from day 81227 to 83047. Each file contains all the available data for a given day. If there was no magnetometer data for a given time, the time record was left out. If there was magnetometer data but no OA data for a particular time record, a fill value of 9999999.0 was used for the OA data.

Each daily file contains a different number of records depending upon how much data was taken for a given day. Each record in the daily files contains the following information:

Year	integer*4	
Day	integer*4	
Time	integer*4	Time of MAG-B measurement in milliseconds
Mode	integer*4	Instrument mode at time measurement taken. This value does not change for the DE-2 magnetometer.
BR	real*4	Radial-Component of the Measured magnetic field in GMS coordinates
BTH	real*4	Theta-Component of the Measured magnetic field in GMS coordinates
BPH	real*4	Phi-Component of the Measured magnetic field in GMS coordinates
MR	real*4	Radial-Component of the Model magnetic field in GMS coordinates
MTH	real*4	Theta-Component of the Model magnetic field in GMS coordinates

MPH real*4 Phi-Component of the Model magnetic field in GMS coordinates
GALT real*4 Satellite altitude
MLONG real*4 Magnetic longitude
MLAT real*4 Magnetic latitude
MLT real*4 Magnetic local time
ILAT real*4 Invariant latitude

The files are unformatted so therefore the files may be read using the following FORTRAN statement.

```
READ(UNIT) YEAR, DAY, TIME, MODE, BR, BTH, BPH, MR, MTH, MPH, GALT,  
+ MLONG, MLAT, MLT, ILAT
```

Remember to declare time as an integer*4.

Two IDL procedures are included with this data set. The first IDL procedure reads the data and does not average. The second program reads and averages the data. A brief explanation of the IDL procedures follows:

1. Program DEHIRES_load loads the high resolution magnetometer data for a time interval no greater than one hour.

dehires_load, filename, start, finish, br, bth, bph, mod_br, mod_bth,\$
mod_bph, galt, mlt, ilat, mlong, mlat, time, flag

Inputs: Daily file name, start time, end time

Outputs: Br, Bth, Bph, Mr, Mth, Mph, altitude, magnetic local time,
invariant latitude, magnetic longitude, magnetic latitude,
time, and a flag if there was no data in the requested interval.

2. Program DELOAD_AVE loads and averages the magnetometer data.

deload_ave, filename, start, finish, res, abr, abth, abph, amod_br,\$
amod_bth, amod_bph, mid_alt, mid_mlt, mid_ilat, mid_mlat,\$
mid_mlng, mid_time, flag

Inputs: Daily file name, start time, end time, averaging resolution

Outputs: Averaged Br, Bth, Bph, Mr, Mth, Mph, and midpoints of altitude,
magnetic local time, invariant latitude, magnetic longitude,
magnetic latitude, time, and a flag if there was no data in
the interval that was to be averaged.

Up-dated 1-20-95

J. Slavin

900 11/01/1992

Listing of save set(s) OF BGMSII-D108207

```

Save set:          BGMS07.BCK
Written by:       MAGELM
UIC:              [000320,000014]
Date:             18-OCT-1994 14:50:29.03
Command:          BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]** MUB0:BGMS07.BCK/SAVE
Operating system: VAX/VMS version V5.4
BACKUP version:   V5.4
CPU ID register:  08000000
Node name:        _MAGSPA::
Written on:        _MAGSPA$MUB0:
Block size:       32768
Buffer count:     3

```

[BGMS]BGMS81324.DAT;1	35803	23-DEC-1992	19:00
[BGMS]BGMS81325.DAT;1	44687	23-DEC-1992	19:29
[BGMS]BGMS81326.DAT;1	47753	23-DEC-1992	20:04
[BGMS]BGMS81327.DAT;1	59944	23-DEC-1992	20:41
[BGMS]BGMS81328.DAT;1	54680	23-DEC-1992	21:27
[BGMS]BGMS81329.DAT;1	52965	23-DEC-1992	22:08
[BGMS]BGMS81330.DAT;1	54581	23-DEC-1992	22:47
[BGMS]BGMS81331.DAT;1	53111	23-DEC-1992	23:26
[BGMS]BGMS81332.DAT;1	51776	24-DEC-1992	00:03
[BGMS]BGMS81333.DAT;1	49206	24-DEC-1992	00:40
[BGMS]BGMS81334.DAT;1	48428	24-DEC-1992	01:15
[BGMS]DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS]DEHIRES_README.DOC;3	7	15-JUL-1993	14:22
[BGMS]DELOAD_AVE.PRO;22	10	8-APR-1993	13:50

Total of 14 files, 552957 blocks
End of save set

```

Save set:          BGMS08.BCK
Written by:       MAGELM
UIC:              [000320,000014]
Date:             18-OCT-1994 15:23:56.60
Command:          BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]** MUB0:BGMS08.BCK/SAVE
Operating system: VAX/VMS version V5.4
BACKUP version:   V5.4
CPU ID register:  08000000
Node name:        _MAGSPA::
Written on:        _MAGSPA$MUB0:
Block size:       32768
Buffer count:     3

```

[BGMS]BGMS81335.DAT;1	49071	24-DEC-1992	17:00
[BGMS]BGMS81336.DAT;1	47296	24-DEC-1992	17:35
[BGMS]BGMS81337.DAT;1	50663	24-DEC-1992	18:09
[BGMS]BGMS81338.DAT;1	51242	24-DEC-1992	18:45
[BGMS]BGMS81339.DAT;1	52046	24-DEC-1992	19:22
[BGMS]BGMS81340.DAT;1	59039	24-DEC-1992	19:59
[BGMS]BGMS81341.DAT;1	47086	24-DEC-1992	20:40
[BGMS]BGMS81342.DAT;1	38003	24-DEC-1992	21:13
[BGMS]BGMS81343.DAT;1	54195	24-DEC-1992	21:40
[BGMS]BGMS81344.DAT;1	47489	24-DEC-1992	22:18
[BGMS]BGMS81345.DAT;1	42334	24-DEC-1992	22:52
[BGMS]DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS]DEHIRES_README.DOC;3	7	15-JUL-1993	14:22

Total of 14 files, 538487 blocks
End of save set

Save set: BGMS09.BCK
Written by: MAGELM
UIC: [000320,000014]
Date: 18-OCT-1994 16:19:40.82
Command: BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]*.* MUB0:BGMS09.BCK/SAVE
Operating system: VAX/VMS version V5.4
BACKUP version: V5.4
CPU ID register: 08000000
Node name: _MAGSPA:
Written on: _MAGSPA\$MUB0:
Block size: 32768
Buffer count: 3

[BGMS]BGMS81346.DAT;1	54894	5-JAN-1993 09:37
[BGMS]BGMS81347.DAT;1	52109	5-JAN-1993 10:18
[BGMS]BGMS81348.DAT;1	50803	5-JAN-1993 10:58
[BGMS]BGMS81349.DAT;1	17411	5-JAN-1993 11:38
[BGMS]BGMS81350.DAT;1	41872	5-JAN-1993 11:52
[BGMS]BGMS81351.DAT;1	49242	5-JAN-1993 12:25
[BGMS]BGMS81352.DAT;1	43398	5-JAN-1993 13:01
[BGMS]BGMS81353.DAT;1	45841	5-JAN-1993 13:35
[BGMS]BGMS81354.DAT;1	40334	5-JAN-1993 14:11
[BGMS]BGMS81355.DAT;1	39953	5-JAN-1993 14:41
[BGMS]BGMS81356.DAT;1	44836	5-JAN-1993 15:13
[BGMS]BGMS81357.DAT;1	42983	5-JAN-1993 15:49
[BGMS]DEHIRES_LOAD.PRO;1	6	26-JUL-1993 12:51
[BGMS]DEHIRES_README.DOC;3	7	15-JUL-1993 14:22
[BGMS]DELOAD_AVE.PRO;22	10	8-APR-1993 13:50

Total of 15 files, 523699 blocks
End of save set

Save set: BGMS10.BCK
Written by: MAGELM
UIC: [000320,000014]
Date: 19-OCT-1994 08:49:26.78
Command: BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]*.* MUB0:BGMS10.BCK/SAVE
Operating system: VAX/VMS version V5.4
BACKUP version: V5.4
CPU ID register: 08000000
Node name: _MAGSPA:
Written on: _MAGSPA\$MUB0:
Block size: 32768
Buffer count: 3

[BGMS]BGMS81358.DAT;1	25025	5-JAN-1993 16:35
[BGMS]BGMS81359.DAT;1	23990	5-JAN-1993 16:54
[BGMS]BGMS81360.DAT;1	39937	5-JAN-1993 17:11
[BGMS]BGMS81361.DAT;1	31555	5-JAN-1993 17:40
[BGMS]BGMS81362.DAT;1	24774	5-JAN-1993 18:03
[BGMS]BGMS81363.DAT;1	42687	5-JAN-1993 18:21
[BGMS]BGMS81364.DAT;1	40183	5-JAN-1993 18:51
[BGMS]BGMS81365.DAT;1	32969	5-JAN-1993 19:22
[BGMS]BGMS82001.DAT;1	36022	5-JAN-1993 19:46

[BGMS] BGMS82002.DAT;1	36052	5-JAN-1993	20:11
[BGMS] BGMS82003.DAT;1	42050	5-JAN-1993	20:37
[BGMS] BGMS82004.DAT;1	36476	5-JAN-1993	21:07
[BGMS] BGMS82005.DAT;1	44695	5-JAN-1993	21:33
[BGMS] BGMS82006.DAT;1	29430	5-JAN-1993	22:05
[BGMS] BGMS82007.DAT;1	43547	5-JAN-1993	22:27
[BGMS] BGMS82008.DAT;1	36637	5-JAN-1993	22:59
[BGMS] DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS] DEHIRES_README.DOC;3	7	15-JUL-1993	14:22
[BGMS] DELOAD_AVE.PRO;22	10	8-APR-1993	13:50

Total of 19 files, 566052 blocks
End of save set

Save set: BGMS11.BCK
Written by: MAGELM
UIC: [000320,000014]
Date: 19-OCT-1994 13:44:37.03
Command: BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]*.* MUB0:BGMS11.BCK/SAVE
Operating system: VAX/VMS version V5.4
BACKUP version: V5.4
CPU ID register: 08000000
Node name: _MAGSPA:
Written on: _MAGSPA\$MUB0:
Block size: 32768
Buffer count: 3

[BGMS] BGMS82009.DAT;1	46599	6-JAN-1993	09:34
[BGMS] BGMS82010.DAT;1	38433	6-JAN-1993	10:08
[BGMS] BGMS82011.DAT;1	26393	6-JAN-1993	10:37
[BGMS] BGMS82012.DAT;1	38898	6-JAN-1993	10:57
[BGMS] BGMS82013.DAT;1	27411	6-JAN-1993	11:25
[BGMS] BGMS82014.DAT;1	38649	6-JAN-1993	11:45
[BGMS] BGMS82015.DAT;1	39680	6-JAN-1993	12:13
[BGMS] BGMS82016.DAT;1	38943	6-JAN-1993	12:42
[BGMS] BGMS82017.DAT;1	42012	6-JAN-1993	13:12
[BGMS] BGMS82018.DAT;1	40685	6-JAN-1993	13:46
[BGMS] BGMS82019.DAT;1	37448	7-JAN-1993	08:56
[BGMS] BGMS82020.DAT;1	32013	7-JAN-1993	09:24
[BGMS] BGMS82021.DAT;1	40570	7-JAN-1993	09:47
[BGMS] BGMS82022.DAT;1	29729	7-JAN-1993	10:17
[BGMS] BGMS82023.DAT;1	36891	7-JAN-1993	10:39
[BGMS] DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS] DEHIRES_README.DOC;3	7	15-JUL-1993	14:22
[BGMS] DELOAD_AVE.PRO;22	10	8-APR-1993	13:50

Total of 18 files, 554377 blocks
End of save set

Save set: BGMS12.BCK
Written by: MAGELM
UIC: [000320,000014]
Date: 19-OCT-1994 14:14:49.85
Command: BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]*.* MUB0:BGMS12.BCK/SAVE
Operating system: VAX/VMS version V5.4
BACKUP version: V5.4
CPU ID register: 08000000
Node name: _MAGSPA:
Written on: _MAGSPA\$MUB0:

Block size: 32768
Buffer count: 3

[BGMS] BGMS82024.DAT;1	34316	6-JAN-1993	18:00
[BGMS] BGMS82025.DAT;1	38573	6-JAN-1993	18:25
[BGMS] BGMS82026.DAT;1	42257	6-JAN-1993	18:53
[BGMS] BGMS82027.DAT;1	28934	6-JAN-1993	19:24
[BGMS] BGMS82028.DAT;1	45721	6-JAN-1993	19:45
[BGMS] BGMS82029.DAT;1	34672	6-JAN-1993	20:18
[BGMS] BGMS82030.DAT;1	43622	6-JAN-1993	20:43
[BGMS] BGMS82031.DAT;1	36801	6-JAN-1993	21:14
[BGMS] BGMS82032.DAT;1	36070	6-JAN-1993	21:40
[BGMS] BGMS82033.DAT;1	33011	6-JAN-1993	22:05
[BGMS] BGMS82034.DAT;1	29298	6-JAN-1993	22:29
[BGMS] BGMS82035.DAT;1	38599	6-JAN-1993	22:51
[BGMS] BGMS82036.DAT;1	36244	6-JAN-1993	23:19
[BGMS] BGMS82037.DAT;1	29637	6-JAN-1993	23:45
[BGMS] BGMS82038.DAT;1	35016	7-JAN-1993	00:07
[BGMS] DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS] DEHIRES_README.DOC;3	7	15-JUL-1993	14:22
[BGMS] DELOAD_AVE.PRO;22	10	8-APR-1993	13:50

Total of 18 files, 542794 blocks
End of save set

Save set: BGMS13.BCK
Written by: MAGELM
UIC: [000320,000014]
Date: 19-OCT-1994 16:27:08.46
Command: BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]*.* MUB0:BGMS13.BCK/SAVE
Operating system: VAX/VMS version V5.4
BACKUP version: V5.4
CPU ID register: 08000000
Node name: _MAGSPA:
Written on: _MAGSPA\$MUB0:
Block size: 32768
Buffer count: 3

[BGMS] BGMS82039.DAT;1	27577	7-JAN-1993	18:00
[BGMS] BGMS82040.DAT;1	31497	7-JAN-1993	18:20
[BGMS] BGMS82041.DAT;1	26010	7-JAN-1993	18:42
[BGMS] BGMS82042.DAT;1	25818	7-JAN-1993	19:01
[BGMS] BGMS82043.DAT;1	19019	7-JAN-1993	19:20
[BGMS] BGMS82044.DAT;1	27080	7-JAN-1993	19:33
[BGMS] BGMS82045.DAT;1	29503	7-JAN-1993	19:53
[BGMS] BGMS82046.DAT;1	26465	7-JAN-1993	20:14
[BGMS] BGMS82047.DAT;1	32514	7-JAN-1993	20:33
[BGMS] BGMS82048.DAT;1	31201	7-JAN-1993	20:56
[BGMS] BGMS82049.DAT;1	32306	7-JAN-1993	21:18
[BGMS] BGMS82050.DAT;1	24173	7-JAN-1993	21:41
[BGMS] BGMS82051.DAT;1	31954	7-JAN-1993	21:58
[BGMS] BGMS82052.DAT;1	18968	7-JAN-1993	22:21
[BGMS] BGMS82053.DAT;1	24451	7-JAN-1993	22:35
[BGMS] DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS] DEHIRES_README.DOC;3	7	15-JUL-1993	14:22
[BGMS] DELOAD_AVE.PRO;22	10	8-APR-1993	13:50

Total of 18 files, 408559 blocks
End of save set

Save set: BGMS14.BCK
 Written by: MAGELM
 UIC: [000320,000014]
 Date: 31-OCT-1994 14:30:20.05
 Command: BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]*.* MUB0:BGMS14.BCK/SAVE
 Operating system: VAX/VMS version V5.4
 BACKUP version: V5.4
 CPU ID register: 08000000
 Node name: _MAGSPA::
 Written on: _MAGSPA\$MUB0:
 Block size: 32768
 Buffer count: 3

[BGMS]BGMS82054.DAT;1	23401	11-JAN-1993	16:07
[BGMS]BGMS82058.DAT;1	16032	11-JAN-1993	16:26
[BGMS]BGMS82059.DAT;1	27129	11-JAN-1993	16:38
[BGMS]BGMS82060.DAT;1	22455	11-JAN-1993	17:00
[BGMS]BGMS82061.DAT;1	24107	11-JAN-1993	17:18
[BGMS]BGMS82062.DAT;1	23813	11-JAN-1993	17:37
[BGMS]BGMS82063.DAT;1	21517	11-JAN-1993	17:55
[BGMS]BGMS82064.DAT;1	26884	11-JAN-1993	18:11
[BGMS]BGMS82065.DAT;1	23907	11-JAN-1993	18:30
[BGMS]BGMS82066.DAT;1	22874	11-JAN-1993	18:47
[BGMS]BGMS82067.DAT;1	23817	11-JAN-1993	19:03
[BGMS]BGMS82068.DAT;1	25257	11-JAN-1993	19:20
[BGMS]BGMS82069.DAT;1	27701	11-JAN-1993	19:38
[BGMS]BGMS82070.DAT;1	25361	11-JAN-1993	19:58
[BGMS]BGMS82071.DAT;1	23469	11-JAN-1993	20:16
[BGMS]BGMS82072.DAT;1	17989	11-JAN-1993	20:33
[BGMS]BGMS82073.DAT;1	32674	11-JAN-1993	20:46
[BGMS]BGMS82074.DAT;1	26837	11-JAN-1993	21:10
[BGMS]BGMS82075.DAT;1	17241	11-JAN-1993	21:29
[BGMS]BGMS82076.DAT;1	23773	11-JAN-1993	21:42
[BGMS]BGMS82077.DAT;1	39766	11-JAN-1993	21:59
[BGMS]BGMS82078.DAT;1	30195	11-JAN-1993	22:28
[BGMS]DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS]DEHIRES_README.DOC;3	7	15-JUL-1993	14:22
[BGMS]DELOAD_AVE.PRO;22	10	8-APR-1993	13:50

Total of 25 files, 546222 blocks
 End of save set

Listing of save set(s) OF BGMS3-D108208

Save set: BGMS15.BCK
 Written by: MAGELM
 UIC: [000320,000014]
 Date: 1-NOV-1994 22:13:47.02
 Command: BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]*.* MUB0:BGMS15.BCK/SAVE
 Operating system: VAX/VMS version V5.4
 BACKUP version: V5.4
 CPU ID register: 08000000
 Node name: _MAGSPA::
 Written on: _MAGSPA\$MUB0:
 Block size: 32768
 Buffer count: 3

[BGMS]BGMS82079.DAT;1	33276	13-JAN-1993	18:01
[BGMS]BGMS82080.DAT;1	21530	13-JAN-1993	18:26
[BGMS]BGMS82081.DAT;1	19915	13-JAN-1993	18:43
[BGMS]BGMS82082.DAT;1	36156	13-JAN-1993	18:59
[BGMS]BGMS82083.DAT;1	29489	13-JAN-1993	19:27
[BGMS]BGMS82084.DAT;1	36510	13-JAN-1993	19:50
[BGMS]BGMS82085.DAT;1	39057	13-JAN-1993	20:18
[BGMS]BGMS82086.DAT;1	49031	13-JAN-1993	20:49
[BGMS]BGMS82087.DAT;1	35145	13-JAN-1993	21:27
[BGMS]BGMS82088.DAT;1	35327	13-JAN-1993	21:53
[BGMS]BGMS82089.DAT;1	40528	13-JAN-1993	22:21
[BGMS]BGMS82090.DAT;1	44675	13-JAN-1993	22:52
[BGMS]BGMS82091.DAT;1	45628	13-JAN-1993	23:27
[BGMS]BGMS82092.DAT;1	31726	14-JAN-1993	00:03
[BGMS]BGMS82093.DAT;1	28187	14-JAN-1993	00:29
[BGMS]BGMS82094.DAT;1	34929	14-JAN-1993	00:50
[BGMS]DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS]DEHIRES_README.DOC;3	7	15-JUL-1993	14:22
[BGMS]DELOAD_AVE.PRO;22	10	8-APR-1993	13:50

Total of 19 files, 561132 blocks
 End of save set

Save set: BGMS16.BCK
 Written by: MAGELM
 UIC: [000320,000014]
 Date: 1-NOV-1994 22:54:34.97
 Command: BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]*.* MUB0:BGMS16.BCK/SAVE
 Operating system: VAX/VMS version V5.4
 BACKUP version: V5.4
 CPU ID register: 08000000
 Node name: _MAGSPA::
 Written on: _MAGSPA\$MUB0:
 Block size: 32768
 Buffer count: 3

[BGMS]BGMS82095.DAT;1	43201	14-JAN-1993	18:00
[BGMS]BGMS82096.DAT;1	23747	14-JAN-1993	18:32
[BGMS]BGMS82097.DAT;1	24660	14-JAN-1993	18:50
[BGMS]BGMS82098.DAT;1	41113	14-JAN-1993	19:08
[BGMS]BGMS82099.DAT;1	27055	14-JAN-1993	19:38
[BGMS]BGMS82100.DAT;1	36848	14-JAN-1993	19:57
[BGMS]BGMS82101.DAT;1	36135	14-JAN-1993	20:24
[BGMS]BGMS82102.DAT;1	35640	14-JAN-1993	20:50

[BGMS]BGMS82103.DAT;1	25380	14-JAN-1993	21:16
[BGMS]BGMS82104.DAT;1	38623	14-JAN-1993	21:34
[BGMS]BGMS82105.DAT;1	45091	14-JAN-1993	22:02
[BGMS]BGMS82106.DAT;1	34403	14-JAN-1993	22:35
[BGMS]BGMS82107.DAT;1	37566	14-JAN-1993	23:00
[BGMS]BGMS82108.DAT;1	21382	14-JAN-1993	23:28
[BGMS]BGMS82109.DAT;1	35275	14-JAN-1993	23:44
[BGMS]BGMS82110.DAT;1	45856	15-JAN-1993	00:10
[BGMS]DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS]DEHIRES_README.DOC;3	7	15-JUL-1993	14:22
[BGMS]DELOAD_AVE.PRO;22	10	8-APR-1993	13:50

Total of 19 files, 551998 blocks
End of save set

```

Save set:          BGMS17.BCK
Written by:       MAGELM
UIC:             [000320,000014]
Date:            2-NOV-1994 19:14:26.19
Command:         BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]*.* MUB0:BGMS17.BCK/SAVE
Operating system: VAX/VMS version V5.4
BACKUP version:  V5.4
CPU ID register: 08000000
Node name:       _MAGSPA:
Written on:      _MAGSPA$MUB0:
Block size:     32768
Buffer count:    3

```

[BGMS]BGMS82111.DAT;1	23677	15-JAN-1993	10:23
[BGMS]BGMS82112.DAT;1	40183	15-JAN-1993	10:40
[BGMS]BGMS82113.DAT;1	28123	15-JAN-1993	11:25
[BGMS]BGMS82114.DAT;1	26220	15-JAN-1993	11:49
[BGMS]BGMS82115.DAT;1	42123	15-JAN-1993	12:09
[BGMS]BGMS82116.DAT;1	45801	15-JAN-1993	12:43
[BGMS]BGMS82117.DAT;1	42533	15-JAN-1993	13:33
[BGMS]BGMS82118.DAT;1	38321	15-JAN-1993	14:20
[BGMS]BGMS82119.DAT;1	40378	15-JAN-1993	14:48
[BGMS]BGMS82120.DAT;1	43618	15-JAN-1993	15:21
[BGMS]BGMS82121.DAT;1	39479	15-JAN-1993	15:54
[BGMS]BGMS82122.DAT;1	42713	15-JAN-1993	16:25
[BGMS]BGMS82123.DAT;1	41299	15-JAN-1993	16:58
[BGMS]BGMS82124.DAT;1	36742	15-JAN-1993	17:50
[BGMS]BGMS82125.DAT;1	40521	15-JAN-1993	18:37
[BGMS]DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS]DEHIRES_README.DOC;3	7	15-JUL-1993	14:22
[BGMS]DELOAD_AVE.PRO;22	10	8-APR-1993	13:50

Total of 18 files, 571754 blocks
End of save set

```

Save set:          BGMS18.BCK
Written by:       MAGELM
UIC:             [000320,000014]
Date:            2-NOV-1994 21:46:28.68
Command:         BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]*.* MUB0:BGMS18.BCK/SAVE
Operating system: VAX/VMS version V5.4
BACKUP version:  V5.4
CPU ID register: 08000000
Node name:       _MAGSPA:

```

Written on: MAGSPA\$MUB0:
Block size: 32768
Buffer count: 3

[BGMS]BGMS82126.DAT;1	18812	18-JAN-1993	13:00
[BGMS]BGMS82127.DAT;1	29003	18-JAN-1993	13:14
[BGMS]BGMS82128.DAT;1	36070	18-JAN-1993	13:35
[BGMS]BGMS82129.DAT;1	38581	18-JAN-1993	14:01
[BGMS]BGMS82130.DAT;1	36082	18-JAN-1993	14:29
[BGMS]BGMS82131.DAT;1	36287	18-JAN-1993	14:55
[BGMS]BGMS82132.DAT;1	41850	18-JAN-1993	15:21
[BGMS]BGMS82133.DAT;1	28770	18-JAN-1993	15:51
[BGMS]BGMS82134.DAT;1	40140	18-JAN-1993	16:11
[BGMS]BGMS82135.DAT;1	36652	18-JAN-1993	16:39
[BGMS]BGMS82136.DAT;1	46498	18-JAN-1993	17:05
[BGMS]BGMS82137.DAT;1	27493	18-JAN-1993	17:39
[BGMS]BGMS82138.DAT;1	40883	18-JAN-1993	17:58
[BGMS]BGMS82139.DAT;1	45028	18-JAN-1993	18:28
[BGMS]BGMS82140.DAT;1	42418	18-JAN-1993	19:00
[BGMS]DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS]DEHIRES_README.DOC;3	7	15-JUL-1993	14:22
[BGMS]DELOAD_AVE.PRO;22	10	8-APR-1993	13:50

Total of 18 files, 544590 blocks
End of save set

Save set: BGMS19.BCK
Written by: MAGELM
UIC: [000320,000014]
Date: 2-NOV-1994 22:15:00.88
Command: BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]*.* MUB0:BGMS19.BCK/SAVE
Operating system: VAX/VMS version V5.4
BACKUP version: V5.4
CPU ID register: 08000000
Node name: MAGSPA:
Written on: MAGSPA\$MUB0:
Block size: 32768
Buffer count: 3

[BGMS]BGMS82141.DAT;1	55501	19-JAN-1993	18:00
[BGMS]BGMS82142.DAT;1	37106	19-JAN-1993	18:40
[BGMS]BGMS82143.DAT;1	42837	19-JAN-1993	19:07
[BGMS]BGMS82144.DAT;1	40805	19-JAN-1993	19:38
[BGMS]BGMS82145.DAT;1	47376	19-JAN-1993	20:07
[BGMS]BGMS82146.DAT;1	34729	19-JAN-1993	20:41
[BGMS]BGMS82147.DAT;1	51103	19-JAN-1993	21:05
[BGMS]BGMS82148.DAT;1	39465	19-JAN-1993	21:41
[BGMS]BGMS82149.DAT;1	39235	19-JAN-1993	22:09
[BGMS]BGMS82150.DAT;1	36106	19-JAN-1993	22:36
[BGMS]BGMS82151.DAT;1	33639	19-JAN-1993	23:02
[BGMS]BGMS82152.DAT;1	42664	19-JAN-1993	23:26
[BGMS]BGMS82153.DAT;1	31296	19-JAN-1993	23:56
[BGMS]BGMS82154.DAT;1	35802	20-JAN-1993	00:19
[BGMS]DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS]DEHIRES_README.DOC;3	7	15-JUL-1993	14:22
[BGMS]DELOAD_AVE.PRO;22	10	8-APR-1993	13:50

Total of 17 files, 567687 blocks
End of save set

Save set: BGMS20.BCK
 Written by: MAGELM
 UIC: [000320,000014]
 Date: 2-NOV-1994 22:44:17.25
 Command: BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]** MUB0:BGMS20.BCK/SAVE
 Operating system: VAX/VMS version V5.4
 BACKUP version: V5.4
 CPU ID register: 08000000
 Node name: _MAGSPA:
 Written on: _MAGSPA\$MUB0:
 Block size: 32768
 Buffer count: 3

[BGMS]BGMS82155.DAT;1	32466	20-JAN-1993	09:08
[BGMS]BGMS82156.DAT;1	30953	20-JAN-1993	09:31
[BGMS]BGMS82157.DAT;1	42208	20-JAN-1993	09:54
[BGMS]BGMS82158.DAT;1	38124	20-JAN-1993	10:25
[BGMS]BGMS82159.DAT;1	40107	20-JAN-1993	10:53
[BGMS]BGMS82160.DAT;1	37137	20-JAN-1993	11:21
[BGMS]BGMS82161.DAT;1	29374	20-JAN-1993	11:49
[BGMS]BGMS82162.DAT;1	39373	20-JAN-1993	12:09
[BGMS]BGMS82163.DAT;1	45376	20-JAN-1993	12:38
[BGMS]BGMS82164.DAT;1	21447	20-JAN-1993	13:10
[BGMS]BGMS82165.DAT;1	36134	20-JAN-1993	13:26
[BGMS]BGMS82166.DAT;1	41132	20-JAN-1993	13:52
[BGMS]BGMS82167.DAT;1	34696	20-JAN-1993	14:22
[BGMS]BGMS82168.DAT;1	44267	20-JAN-1993	14:48
[BGMS]BGMS82169.DAT;1	46530	20-JAN-1993	15:20
[BGMS]DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS]DEHIRES_README.DOC;3	7	15-JUL-1993	14:22
[BGMS]DELOAD_AVE.PRO;22	10	8-APR-1993	13:50

Total of 18 files, 559347 blocks
 End of save set

Save set: BGMS21.BCK
 Written by: MAGELM
 UIC: [000320,000014]
 Date: 7-NOV-1994 09:07:47.59
 Command: BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]** MUB0:BGMS21.BCK/SAVE
 Operating system: VAX/VMS version V5.4
 BACKUP version: V5.4
 CPU ID register: 08000000
 Node name: _MAGSPA:
 Written on: _MAGSPA\$MUB0:
 Block size: 32768
 Buffer count: 3

[BGMS]BGMS82170.DAT;1	36752	20-JAN-1993	16:03
[BGMS]BGMS82171.DAT;1	34291	20-JAN-1993	16:32
[BGMS]BGMS82172.DAT;1	31893	20-JAN-1993	16:58
[BGMS]BGMS82173.DAT;1	18515	20-JAN-1993	17:22
[BGMS]BGMS82174.DAT;1	27342	20-JAN-1993	17:36
[BGMS]BGMS82175.DAT;1	32070	20-JAN-1993	17:57
[BGMS]BGMS82176.DAT;1	17061	20-JAN-1993	18:20
[BGMS]BGMS82177.DAT;1	24500	20-JAN-1993	18:33
[BGMS]BGMS82178.DAT;1	48916	20-JAN-1993	18:50
[BGMS]BGMS82179.DAT;1	37383	20-JAN-1993	19:25

[BGMS]BGMS82180.DAT;1	36278	20-JAN-1993	19:52
[BGMS]BGMS82181.DAT;1	24429	20-JAN-1993	20:19
[BGMS]BGMS82182.DAT;1	29798	20-JAN-1993	20:37
[BGMS]BGMS82183.DAT;1	25462	20-JAN-1993	20:58
[BGMS]BGMS82184.DAT;1	15434	20-JAN-1993	21:17
[BGMS]BGMS82185.DAT;1	26728	20-JAN-1993	21:28
[BGMS]BGMS82186.DAT;1	22396	20-JAN-1993	21:48
[BGMS]BGMS82187.DAT;1	19842	20-JAN-1993	22:04
[BGMS]BGMS82188.DAT;1	22936	20-JAN-1993	22:19
[BGMS]BGMS82189.DAT;1	37916	20-JAN-1993	22:36
[BGMS]DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS]DEHIRES_README.DOC;3	7	15-JUL-1993	14:22
[BGMS]DELOAD_AVE.PRO;22	10	8-APR-1993	13:50

Total of 23 files, 569965 blocks
End of save set

Save set: BGMS22.BCK
Written by: MAGELM
UIC: [000320,000014]
Date: 7-NOV-1994 11:55:28.57
Command: BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]*.* MUB0:BGMS22.BCK/SAVE
Operating system: VAX/VMS version V5.4
BACKUP version: V5.4
CPU ID register: 08000000
Node name: MAGSPA::
Written on: MAGSPA\$MUB0:
Block size: 32768
Buffer count: 3

[BGMS]BGMS82190.DAT;1	36443	21-JAN-1993	15:04
[BGMS]BGMS82191.DAT;1	22217	21-JAN-1993	15:33
[BGMS]BGMS82192.DAT;1	21707	21-JAN-1993	15:50
[BGMS]BGMS82193.DAT;1	17567	21-JAN-1993	16:07
[BGMS]BGMS82194.DAT;1	26533	21-JAN-1993	16:21
[BGMS]BGMS82195.DAT;1	22466	21-JAN-1993	16:42
[BGMS]BGMS82196.DAT;1	34414	21-JAN-1993	16:59
[BGMS]BGMS82197.DAT;1	31857	21-JAN-1993	17:26
[BGMS]BGMS82198.DAT;1	32340	21-JAN-1993	17:51
[BGMS]BGMS82199.DAT;1	29047	21-JAN-1993	18:16
[BGMS]BGMS82200.DAT;1	21821	21-JAN-1993	18:39
[BGMS]BGMS82201.DAT;1	28895	21-JAN-1993	18:57
[BGMS]BGMS82202.DAT;1	38080	21-JAN-1993	19:19
[BGMS]BGMS82203.DAT;1	35327	21-JAN-1993	19:49
[BGMS]BGMS82204.DAT;1	36130	21-JAN-1993	20:16
[BGMS]BGMS82205.DAT;1	36016	21-JAN-1993	20:44
[BGMS]BGMS82206.DAT;1	28456	21-JAN-1993	21:13
[BGMS]BGMS82207.DAT;1	30274	21-JAN-1993	21:35
[BGMS]BGMS82208.DAT;1	37480	21-JAN-1993	22:00

*Comment: BGMS82208.DAT is not new. In this tape use DUG1:1
to do a backup of the file.*

Listing of save set(s) OF BGMS4-D108209

Save set: BGMS22.BCK
 Written by: MAGELM
 UIC: [000320,000014]
 Date: 14-NOV-1994 09:48:58.89
 Command: BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]*.* MUB0:BGMS22.BCK/SAVE
 Operating system: VAX/VMS version V5.4
 BACKUP version: V5.4
 CPU ID register: 08000000
 Node name: _MAGSPA::
 Written on: _MAGSPA\$MUB0:
 Block size: 32768
 Buffer count: 3

[BGMS]BGMS82190.DAT;1	36443	21-JAN-1993	15:04
[BGMS]BGMS82191.DAT;1	22217	21-JAN-1993	15:33
[BGMS]BGMS82192.DAT;1	21707	21-JAN-1993	15:50
[BGMS]BGMS82193.DAT;1	17567	21-JAN-1993	16:07
[BGMS]BGMS82194.DAT;1	26533	21-JAN-1993	16:21
[BGMS]BGMS82195.DAT;1	22466	21-JAN-1993	16:42
[BGMS]BGMS82196.DAT;1	34414	21-JAN-1993	16:59
[BGMS]BGMS82197.DAT;1	31857	21-JAN-1993	17:26
[BGMS]BGMS82198.DAT;1	32340	21-JAN-1993	17:51
[BGMS]BGMS82199.DAT;1	29047	21-JAN-1993	18:16
[BGMS]BGMS82200.DAT;1	21821	21-JAN-1993	18:39
[BGMS]BGMS82201.DAT;1	28895	21-JAN-1993	18:57
[BGMS]BGMS82202.DAT;1	38080	21-JAN-1993	19:19
[BGMS]BGMS82203.DAT;1	35327	21-JAN-1993	19:49
[BGMS]BGMS82204.DAT;1	36130	21-JAN-1993	20:16
[BGMS]BGMS82205.DAT;1	36016	21-JAN-1993	20:44
[BGMS]BGMS82206.DAT;1	28456	21-JAN-1993	21:13
[BGMS]BGMS82207.DAT;1	30274	21-JAN-1993	21:35
[BGMS]BGMS82208.DAT;1	37480	21-JAN-1993	22:00
[BGMS]DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS]DEHIRES_README.DOC;3	7	15-JUL-1993	14:22
[BGMS]DELOAD_AVE.PRO;22	10	8-APR-1993	13:50

Total of 22 files, 567093 blocks
 End of save set

Save set: BGMS23.BCK
 Written by: MAGELM
 UIC: [000320,000014]
 Date: 14-NOV-1994 10:21:37.30
 Command: BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]*.* MUB0:BGMS23.BCK/SAVE
 Operating system: VAX/VMS version V5.4
 BACKUP version: V5.4
 CPU ID register: 08000000
 Node name: _MAGSPA::
 Written on: _MAGSPA\$MUB0:
 Block size: 32768
 Buffer count: 3

[BGMS]BGMS82209.DAT;1	34184	22-JAN-1993	18:00
[BGMS]BGMS82210.DAT;1	31131	22-JAN-1993	18:51
[BGMS]BGMS82211.DAT;1	38261	22-JAN-1993	19:20
[BGMS]BGMS82212.DAT;1	30639	22-JAN-1993	19:48
[BGMS]BGMS82213.DAT;1	29639	22-JAN-1993	20:10

[BGMS] BGMS82214.DAT;1	35179	22-JAN-1993	20:31
[BGMS] BGMS82215.DAT;1	32605	22-JAN-1993	20:56
[BGMS] BGMS82216.DAT;1	39386	22-JAN-1993	21:19
[BGMS] BGMS82217.DAT;1	18028	22-JAN-1993	21:47
[BGMS] BGMS82218.DAT;1	23564	22-JAN-1993	22:00
[BGMS] BGMS82219.DAT;1	20173	22-JAN-1993	22:17
[BGMS] BGMS82220.DAT;1	18617	22-JAN-1993	22:31
[BGMS] BGMS82221.DAT;1	24977	22-JAN-1993	22:44
[BGMS] BGMS82222.DAT;1	30047	22-JAN-1993	23:02
[BGMS] BGMS82223.DAT;1	34804	22-JAN-1993	23:24
[BGMS] BGMS82224.DAT;1	29105	22-JAN-1993	23:49
[BGMS] BGMS82225.DAT;1	29877	23-JAN-1993	00:10
[BGMS] BGMS82226.DAT;1	22871	23-JAN-1993	00:31
[BGMS] BGMS82227.DAT;1	23840	23-JAN-1993	00:48
[BGMS] BGMS82228.DAT;1	18884	23-JAN-1993	01:05
[BGMS] DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS] DEHIRES_README.DOC;3	7	15-JUL-1993	14:22
[BGMS] DELOAD_AVE.PRO;22	10	8-APR-1993	13:50

Total of 23 files, 565834 blocks
End of save set

```

Save set:          BGMS24.BCK
Written by:       MAGELM
UIC:             [000320,000014]
Date:            14-NOV-1994 10:53:10.34
Command:         BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]*.* MUB0:BGMS24.BCK/SAVE
Operating system: VAX/VMS version V5.4
BACKUP version:  V5.4
CPU ID register: 08000000
Node name:       _MAGSPA:
Written on:      _MAGSPA$MUB0:
Block size:     32768
Buffer count:    3

```

[BGMS] BGMS82229.DAT;1	18739	23-JAN-1993	11:24
[BGMS] BGMS82230.DAT;1	15822	23-JAN-1993	11:37
[BGMS] BGMS82231.DAT;1	23388	23-JAN-1993	11:49
[BGMS] BGMS82232.DAT;1	7823	23-JAN-1993	12:06
[BGMS] BGMS82233.DAT;1	9603	23-JAN-1993	12:12
[BGMS] BGMS82234.DAT;1	23490	23-JAN-1993	12:19
[BGMS] BGMS82235.DAT;1	16054	23-JAN-1993	12:36
[BGMS] BGMS82236.DAT;1	18915	23-JAN-1993	12:47
[BGMS] BGMS82237.DAT;1	25047	23-JAN-1993	13:01
[BGMS] BGMS82238.DAT;1	31418	23-JAN-1993	13:19
[BGMS] BGMS82239.DAT;1	24979	23-JAN-1993	13:41
[BGMS] BGMS82240.DAT;1	16202	23-JAN-1993	13:59
[BGMS] BGMS82241.DAT;1	21051	23-JAN-1993	14:11
[BGMS] BGMS82242.DAT;1	21249	23-JAN-1993	14:26
[BGMS] BGMS82245.DAT;1	25059	23-JAN-1993	14:41
[BGMS] BGMS82246.DAT;1	32260	23-JAN-1993	14:59
[BGMS] BGMS82247.DAT;1	31489	23-JAN-1993	15:23
[BGMS] BGMS82248.DAT;1	29815	23-JAN-1993	15:46
[BGMS] BGMS82249.DAT;1	32073	23-JAN-1993	16:08
[BGMS] BGMS82250.DAT;1	31907	23-JAN-1993	16:31
[BGMS] BGMS82251.DAT;1	24405	23-JAN-1993	16:55
[BGMS] BGMS82252.DAT;1	26805	23-JAN-1993	17:14
[BGMS] BGMS82253.DAT;1	27915	23-JAN-1993	17:36
[BGMS] DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51

[BGMS]DEHIRES_README.DOC;3
[BGMS]DELOAD_AVE.PRO;22

7 15-JUL-1993 14:22
10 8-APR-1993 13:50

Total of 26 files, 535531 blocks
End of save set

Save set: BGMS25.BCK
Written by: MAGELM
UIC: [000320,000014]
Date: 14-NOV-1994 12:32:39.95
Command: BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]*.* MUB0:BGMS25.BCK/SAVE
Operating system: VAX/VMS version V5.4
BACKUP version: V5.4
CPU ID register: 08000000
Node name: MAGSPA:
Written on: MAGSPA\$MUB0:
Block size: 32768
Buffer count: 3

[BGMS]BGMS82254.DAT;1	31859	25-JAN-1993	18:00
[BGMS]BGMS82255.DAT;1	28145	25-JAN-1993	18:23
[BGMS]BGMS82256.DAT;1	24004	25-JAN-1993	18:43
[BGMS]BGMS82257.DAT;1	27841	25-JAN-1993	19:01
[BGMS]BGMS82258.DAT;1	22384	25-JAN-1993	19:21
[BGMS]BGMS82259.DAT;1	15059	25-JAN-1993	19:37
[BGMS]BGMS82260.DAT;1	27593	25-JAN-1993	19:48
[BGMS]BGMS82261.DAT;1	29413	25-JAN-1993	20:07
[BGMS]BGMS82262.DAT;1	21739	25-JAN-1993	20:29
[BGMS]BGMS82263.DAT;1	25612	25-JAN-1993	20:44
[BGMS]BGMS82264.DAT;1	32154	25-JAN-1993	21:02
[BGMS]BGMS82265.DAT;1	20669	25-JAN-1993	21:25
[BGMS]BGMS82266.DAT;1	34192	25-JAN-1993	21:40
[BGMS]BGMS82267.DAT;1	22412	25-JAN-1993	22:04
[BGMS]BGMS82268.DAT;1	33502	25-JAN-1993	22:20
[BGMS]BGMS82269.DAT;1	38025	25-JAN-1993	22:45
[BGMS]BGMS82270.DAT;1	23828	25-JAN-1993	23:12
[BGMS]BGMS82271.DAT;1	24402	25-JAN-1993	23:30
[BGMS]BGMS82272.DAT;1	30935	25-JAN-1993	23:47
[BGMS]BGMS82273.DAT;1	31127	26-JAN-1993	00:10
[BGMS]DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS]DEHIRES_README.DOC;3	7	15-JUL-1993	14:22
[BGMS]DELOAD_AVE.PRO;22	10	8-APR-1993	13:50

Total of 23 files, 544918 blocks
End of save set

Save set: BGMS26.BCK
Written by: MAGELM
UIC: [000320,000014]
Date: 16-NOV-1994 11:24:33.48
Command: BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]*.* MUB0:BGMS26.BCK/SAVE
Operating system: VAX/VMS version V5.4
BACKUP version: V5.4
CPU ID register: 08000000
Node name: MAGSPA:
Written on: MAGSPA\$MUB0:
Block size: 32768
Buffer count: 3

[BGMS] BGMS82274.DAT;1	27719	26-JAN-1993	18:00
[BGMS] BGMS82275.DAT;1	32651	26-JAN-1993	18:20
[BGMS] BGMS82276.DAT;1	18253	26-JAN-1993	18:44
[BGMS] BGMS82277.DAT;1	30217	26-JAN-1993	18:57
[BGMS] BGMS82278.DAT;1	30867	26-JAN-1993	19:19
[BGMS] BGMS82279.DAT;1	28947	26-JAN-1993	19:41
[BGMS] BGMS82280.DAT;1	25552	26-JAN-1993	20:02
[BGMS] BGMS82281.DAT;1	31873	26-JAN-1993	20:20
[BGMS] BGMS82282.DAT;1	25468	26-JAN-1993	20:43
[BGMS] BGMS82283.DAT;1	26475	26-JAN-1993	21:01
[BGMS] BGMS82284.DAT;1	37394	26-JAN-1993	21:20
[BGMS] BGMS82285.DAT;1	35078	26-JAN-1993	21:46
[BGMS] BGMS82286.DAT;1	21808	26-JAN-1993	22:11
[BGMS] BGMS82287.DAT;1	39254	26-JAN-1993	22:27
[BGMS] BGMS82288.DAT;1	36801	26-JAN-1993	22:55
[BGMS] BGMS82289.DAT;1	27212	26-JAN-1993	23:22
[BGMS] BGMS82290.DAT;1	34265	26-JAN-1993	23:42
[BGMS] BGMS82291.DAT;1	40245	27-JAN-1993	00:07
[BGMS] DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS] DEHIRES_README.DOC;3	7	15-JUL-1993	14:22
[BGMS] DELOAD_AVE.PRO;22	10	8-APR-1993	13:50

Total of 21 files, 550102 blocks
End of save set

Save set: BGMS27.BCK
Written by: MAGELM
UIC: [000320,000014]
Date: 16-NOV-1994 15:05:35.35
Command: BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]*.* MUB0:BGMS27.BCK/SAVE
Operating system: VAX/VMS version V5.4
BACKUP version: V5.4
CPU ID register: 08000000
Node name: MAGSPA:
Written on: MAGSPA\$MUB0:
Block size: 32768
Buffer count: 3

[BGMS] BGMS82292.DAT;1	34235	27-JAN-1993	18:00
[BGMS] BGMS82293.DAT;1	37941	27-JAN-1993	18:42
[BGMS] BGMS82294.DAT;1	31549	27-JAN-1993	19:27
[BGMS] BGMS82295.DAT;1	32985	27-JAN-1993	19:59
[BGMS] BGMS82296.DAT;1	34627	27-JAN-1993	20:36
[BGMS] BGMS82297.DAT;1	22188	27-JAN-1993	21:09
[BGMS] BGMS82298.DAT;1	31793	27-JAN-1993	21:29
[BGMS] BGMS82299.DAT;1	37060	27-JAN-1993	21:57
[BGMS] BGMS82300.DAT;1	19999	27-JAN-1993	22:40
[BGMS] BGMS82301.DAT;1	32659	27-JAN-1993	23:04
[BGMS] BGMS82302.DAT;1	37428	27-JAN-1993	23:45
[BGMS] BGMS82303.DAT;1	39845	28-JAN-1993	00:21
[BGMS] BGMS82304.DAT;1	34864	28-JAN-1993	00:50
[BGMS] BGMS82305.DAT;1	36425	28-JAN-1993	01:15
[BGMS] BGMS82306.DAT;1	36041	28-JAN-1993	01:42
[BGMS] BGMS82307.DAT;1	40020	28-JAN-1993	02:08
[BGMS] DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS] DEHIRES_README.DOC;3	7	15-JUL-1993	14:22
[BGMS] DELOAD_AVE.PRO;22	10	8-APR-1993	13:50

Total of 19 files, 539682 blocks

End of save set

Save set: BGMS28.BCK
Written by: MAGELM
UIC: [000320,000014]
Date: 16-NOV-1994 15:50:02.21
Command: BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]*.* MUB0:BGMS28.BCK/SAVE
Operating system: VAX/VMS version V5.4
BACKUP version: V5.4
CPU ID register: 08000000
Node name: _MAGSPA::
Written on: _MAGSPA\$MUB0:
Block size: 32768
Buffer count: 3

[BGMS]BGMS82308.DAT;1	32035	28-JAN-1993	18:00
[BGMS]BGMS82309.DAT;1	35508	28-JAN-1993	18:36
[BGMS]BGMS82310.DAT;1	30782	28-JAN-1993	19:14
[BGMS]BGMS82311.DAT;1	42483	28-JAN-1993	19:45
[BGMS]BGMS82312.DAT;1	33078	28-JAN-1993	20:37
[BGMS]BGMS82313.DAT;1	43328	28-JAN-1993	21:16
[BGMS]BGMS82314.DAT;1	41947	28-JAN-1993	22:12
[BGMS]BGMS82315.DAT;1	33379	28-JAN-1993	23:03
[BGMS]BGMS82316.DAT;1	35892	28-JAN-1993	23:28
[BGMS]BGMS82317.DAT;1	18825	28-JAN-1993	23:56
[BGMS]BGMS82318.DAT;1	31451	29-JAN-1993	00:11
[BGMS]BGMS82319.DAT;1	26459	29-JAN-1993	00:36
[BGMS]BGMS82320.DAT;1	33127	29-JAN-1993	00:56
[BGMS]BGMS82321.DAT;1	39299	29-JAN-1993	01:21
[BGMS]BGMS82322.DAT;1	44630	29-JAN-1993	01:50
[BGMS]BGMS82323.DAT;1	37766	29-JAN-1993	02:22
[BGMS]DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS]DEHIRES_README.DOC;3	7	15-JUL-1993	14:22
[BGMS]DELOAD_AVE.PRO;22	10	8-APR-1993	13:50

Total of 19 files, 560012 blocks
End of save set

Listing of save set(s) OF BGMS5-D108210

Save set: BGMS29.BCK
 Written by: MAGELM
 UIC: [000320,000014]
 Date: 17-NOV-1994 16:23:51.78
 Command: BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]*.* MUB0:BGMS29.BCK/SAVE
 Operating system: VAX/VMS version V5.4
 BACKUP version: V5.4
 CPU ID register: 08000000
 Node name: _MAGSPA:
 Written on: _MAGSPA\$MUB0:
 Block size: 32768
 Buffer count: 3

[BGMS]BGMS82324.DAT;1	32618	29-JAN-1993	23:00
[BGMS]BGMS82325.DAT;1	41528	29-JAN-1993	23:23
[BGMS]BGMS82326.DAT;1	27932	29-JAN-1993	23:53
[BGMS]BGMS82327.DAT;1	30843	30-JAN-1993	00:14
[BGMS]BGMS82328.DAT;1	50132	30-JAN-1993	00:36
[BGMS]BGMS82329.DAT;1	52698	30-JAN-1993	01:12
[BGMS]BGMS82330.DAT;1	46829	30-JAN-1993	01:49
[BGMS]BGMS82331.DAT;1	31360	30-JAN-1993	02:22
[BGMS]BGMS82332.DAT;1	38227	30-JAN-1993	02:44
[BGMS]BGMS82333.DAT;1	55917	30-JAN-1993	03:11
[BGMS]BGMS82334.DAT;1	32663	30-JAN-1993	03:52
[BGMS]BGMS82335.DAT;1	22009	30-JAN-1993	04:15
[BGMS]BGMS82336.DAT;1	22552	30-JAN-1993	04:31
[BGMS]BGMS82337.DAT;1	27239	30-JAN-1993	04:47
[BGMS]BGMS82338.DAT;1	42869	30-JAN-1993	05:07
[BGMS]DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS]DEHIRES_README.DOC;3	7	15-JUL-1993	14:22
[BGMS]DELOAD_AVE.PRO;22	10	8-APR-1993	13:50

Total of 18 files, 555439 blocks
 End of save set

Save set: BGMS30.BCK
 Written by: MAGELM
 UIC: [000320,000014]
 Date: 17-NOV-1994 16:54:35.33
 Command: BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]*.* MUB0:BGMS30.BCK/SAVE
 Operating system: VAX/VMS version V5.4
 BACKUP version: V5.4
 CPU ID register: 08000000
 Node name: _MAGSPA:
 Written on: _MAGSPA\$MUB0:
 Block size: 33280
 Buffer count: 3

[BGMS]BGMS82339.DAT;1	40571	1-FEB-1993	23:00
[BGMS]BGMS82340.DAT;1	33112	1-FEB-1993	23:31
[BGMS]BGMS82341.DAT;1	27879	1-FEB-1993	23:57
[BGMS]BGMS82342.DAT;1	11283	2-FEB-1993	00:18
[BGMS]BGMS82343.DAT;1	30607	2-FEB-1993	00:26
[BGMS]BGMS82344.DAT;1	34107	2-FEB-1993	00:50
[BGMS]BGMS82345.DAT;1	41116	2-FEB-1993	01:17
[BGMS]BGMS82346.DAT;1	35323	2-FEB-1993	01:50
[BGMS]BGMS82347.DAT;1	27879	2-FEB-1993	02:15

[BGMS] BGMS82348.DAT;1	21303	2-FEB-1993	02:35
[BGMS] BGMS82349.DAT;1	35380	2-FEB-1993	02:50
[BGMS] BGMS82350.DAT;1	33275	2-FEB-1993	03:16
[BGMS] BGMS82351.DAT;1	20768	2-FEB-1993	03:40
[BGMS] BGMS82352.DAT;1	28797	2-FEB-1993	03:55
[BGMS] BGMS82353.DAT;1	33895	2-FEB-1993	04:15
[BGMS] BGMS82354.DAT;1	15730	2-FEB-1993	04:40
[BGMS] BGMS82355.DAT;1	19050	2-FEB-1993	04:51
[BGMS] BGMS82356.DAT;1	15872	2-FEB-1993	05:05
[BGMS] BGMS82357.DAT;1	17960	2-FEB-1993	05:17
[BGMS] BGMS82358.DAT;1	5809	2-FEB-1993	05:30
[BGMS] BGMS82359.DAT;1	17834	2-FEB-1993	05:34
[BGMS] DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS] DEHIRES_README.DOC;3	7	15-JUL-1993	14:22
[BGMS] DELOAD_AVE.PRO;22	10	8-APR-1993	13:50

Total of 24 files, 547573 blocks
End of save set

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Save set:          BGMS31.BCK
Written by:       MAGELM
UIC:              [000320,000014]
Date:             18-NOV-1994 11:09:01.69
Command:          BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]*.* MUB0:BGMS31.BCK/SAVE
Operating system: VAX/VMS version V5.4
BACKUP version:   V5.4
CPU ID register:  08000000
Node name:        _MAGSPA:
Written on:       _MAGSPA$MUB0:
Block size:       32768
Buffer count:     3

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[BGMS] BGMS82360.DAT;1	18302	4-FEB-1993	10:19
[BGMS] BGMS82361.DAT;1	24442	4-FEB-1993	10:35
[BGMS] BGMS82362.DAT;1	25715	4-FEB-1993	10:55
[BGMS] BGMS82363.DAT;1	30898	4-FEB-1993	11:16
[BGMS] BGMS82364.DAT;1	14741	4-FEB-1993	11:49
[BGMS] BGMS82365.DAT;1	27362	4-FEB-1993	12:01
[BGMS] BGMS83001.DAT;1	14749	4-FEB-1993	12:27
[BGMS] BGMS83002.DAT;1	25560	4-FEB-1993	12:41
[BGMS] BGMS83003.DAT;1	10758	4-FEB-1993	13:04
[BGMS] BGMS83004.DAT;1	13819	4-FEB-1993	13:13
[BGMS] BGMS83005.DAT;1	34889	4-FEB-1993	13:24
[BGMS] BGMS83006.DAT;1	18530	4-FEB-1993	13:49
[BGMS] BGMS83007.DAT;1	25458	4-FEB-1993	14:02
[BGMS] BGMS83008.DAT;1	26232	4-FEB-1993	14:21
[BGMS] BGMS83009.DAT;1	17721	4-FEB-1993	14:40
[BGMS] BGMS83010.DAT;1	8971	4-FEB-1993	14:53
[BGMS] BGMS83011.DAT;1	21683	4-FEB-1993	14:59
[BGMS] BGMS83012.DAT;1	18369	4-FEB-1993	15:15
[BGMS] BGMS83013.DAT;1	27573	4-FEB-1993	15:29
[BGMS] BGMS83014.DAT;1	15707	5-FEB-1993	10:18
[BGMS] BGMS83015.DAT;1	32886	5-FEB-1993	10:30
[BGMS] BGMS83016.DAT;1	17536	5-FEB-1993	10:57
[BGMS] BGMS83017.DAT;1	26515	5-FEB-1993	11:12
[BGMS] BGMS83018.DAT;1	27508	5-FEB-1993	11:32
[BGMS] BGMS83019.DAT;1	31253	5-FEB-1993	11:54
[BGMS] DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS] DEHIRES_README.DOC;3	7	15-JUL-1993	14:22

Total of 28 files, 557200 blocks
End of save set

Save set: BGMS32.BCK
Written by: MAGELM
UIC: [000320,000014]
Date: 18-NOV-1994 12:20:04.06
Command: BACKUP/RECORD/IGNOR=LABEL DUG1:[BGMS]*.* MUB0:BGMS32.BCK/SAVE
Operating system: VAX/VMS version V5.4
BACKUP version: V5.4
CPU ID register: 08000000
Node name: _MAGSPA:
Written on: _MAGSPA\$MUB0:
Block size: 32768
Buffer count: 3

[BGMS]BGMS83020.DAT;1	33094	5-FEB-1993	23:00
[BGMS]BGMS83021.DAT;1	33028	5-FEB-1993	23:26
[BGMS]BGMS83022.DAT;1	41159	5-FEB-1993	23:52
[BGMS]BGMS83023.DAT;1	28497	6-FEB-1993	00:23
[BGMS]BGMS83024.DAT;1	25540	6-FEB-1993	00:46
[BGMS]BGMS83025.DAT;1	28632	6-FEB-1993	01:05
[BGMS]BGMS83026.DAT;1	27506	6-FEB-1993	01:27
[BGMS]BGMS83027.DAT;1	28502	6-FEB-1993	01:49
[BGMS]BGMS83028.DAT;1	25028	6-FEB-1993	02:10
[BGMS]BGMS83029.DAT;1	27751	6-FEB-1993	02:28
[BGMS]BGMS83030.DAT;1	21694	6-FEB-1993	02:48
[BGMS]BGMS83031.DAT;1	14687	6-FEB-1993	03:03
[BGMS]BGMS83032.DAT;1	18190	6-FEB-1993	03:14
[BGMS]BGMS83033.DAT;1	14894	6-FEB-1993	03:27
[BGMS]BGMS83034.DAT;1	7529	6-FEB-1993	03:37
[BGMS]BGMS83035.DAT;1	10547	6-FEB-1993	03:43
[BGMS]BGMS83036.DAT;1	12630	6-FEB-1993	03:51
[BGMS]BGMS83037.DAT;1	12333	6-FEB-1993	04:00
[BGMS]BGMS83038.DAT;1	14762	6-FEB-1993	04:09
[BGMS]BGMS83039.DAT;1	1677	6-FEB-1993	04:19
[BGMS]BGMS83040.DAT;1	14604	6-FEB-1993	04:21
[BGMS]BGMS83041.DAT;1	20662	6-FEB-1993	04:31
[BGMS]BGMS83042.DAT;1	12199	6-FEB-1993	04:46
[BGMS]BGMS83043.DAT;1	22110	6-FEB-1993	04:55
[BGMS]BGMS83044.DAT;1	9986	6-FEB-1993	05:12
[BGMS]BGMS83045.DAT;1	13662	6-FEB-1993	05:19
[BGMS]BGMS83046.DAT;1	16357	6-FEB-1993	05:29
[BGMS]BGMS83047.DAT;1	5891	6-FEB-1993	05:41
[BGMS]DEHIRES_LOAD.PRO;1	6	26-JUL-1993	12:51
[BGMS]DEHIRES_README.DOC;3	7	15-JUL-1993	14:22
[BGMS]DELOAD_AVE.PRO;22	10	8-APR-1993	13:50

Total of 31 files, 543174 blocks
End of save set