

STS-2

566
Earth Se

CALIBRATED AND UNCALIBRATED RADIOMETRIC DATA

81-111A-02A AND 81-111A-02B



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1. INTRODUCTION:

The documentation for this data set was originally on paper, kept in NSSDC's Data Set Catalogs (DSCs). The paper documentation in the Data Set Catalogs have been made into digital images, and then collected into a single PDF file for each Data Set Catalog. The inventory information in these DSCs is current as of July 1, 2004. This inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system. The information existing in the DSCs is now not needed for locating the data files, but we did not remove that inventory information.

The offline tape datasets have now been migrated from the original magnetic tape to Archival Information Packages (AIP's).

A prior restoration may have been done on data sets, if a requestor of this data set has questions; they should send an inquiry to the request office to see if additional information exists.

2. ERRATA/CHANGE LOG:

NOTE: Changes are made in a text box, and will show up that way when displayed on screen with a PDF reader.

When printing, special settings may be required to make the text box appear on the printed output.

Version	Date	Person	Page	Description of Change
01				
02				

3 LINKS TO RELEVANT INFORMATION IN THE ONLINE NSSDC
INFORMATION SYSTEM:

<http://nssdc.gsfc.nasa.gov/nmc/>

[NOTE: This link will take you to the main page of the NSSDC Master Catalog. There you will be able to perform searches to find additional information]

4. CATALOG MATERIALS:

- a. Associated Documents To find associated documents you will need to know the document ID number and then click here.
<http://nssdcftp.gsfc.nasa.gov/miscellaneous/documents/>

- b. Core Catalog Materials

REQ. AGENT
GLS

RAND NO.
V0166

ACQ. AGENT
YPS

STS-2
CALIBRATED RADIOMETRIC DATA (SMIRR)
81-111A-02A **ESTP-00027**

STS-2
UNCALIBRATED RADIOMETRIC DATA (SMIRR)
81-111A-02B **ESTP-00010**

This data set catalog contains 6 magnetic tapes. One of the magnetic tapes is Calibrated Radiometric Data and the other five tapes are Uncalibrated Radiometric Data. They are 1600 BPI, 9 track, Binary and all are multi-filed except D-54209 which has one file. The tapes were created on the 360 IBM computer. The following list the D#'s, C#'s and the time span of each tape.

81-111A-02A

<u>D#</u>	<u>C#</u>	<u>FILES</u>	<u>TIME SPAN</u>
D-56408	C-23078	97	06/09/81 - 03/01/82

81-111A-02B

<u>D#</u>	<u>C#</u>	<u>FILES</u>	<u>TIME SPAN</u>
D-54207	C-22909	6	11/12/81 - 11/13/81
D-54208	C-22910	4	11/13/81 - 11/13/81
D-54209	C-22911	1	11/13/81 - 11/14/81
D-54210	C-22912	2	11/14/81 - 11/14/81
D-54211	C-22913	5	11/14/81 - 11/14/81

B R I E F D E S C R I P T I O N
Radiometric Calibration Data
81-111A-02A

This set of calibration data is on magnetic tape that was generated by an IBM 360 computer in binary format. Two calibrations were performed before launch and three after launch. Limited documentation was provided by the principal investigator. This data set is sent automatically when the radiometric measurements (NSSDC ID 81-111A-02B) are ordered.

B R I E F D E S C R I P T I O N
Uncalibrated Radiometer Data
81-111A-02B

This set of uncalibrated radiometric data was archived by the principal investigator on binary magnetic tape that were generated on an IBM 360 computer. The data set contains radiometric reflectance of selected portions of the earth's surface that were measured in 10 wavelengths (0.5-2.5 micrometers). Approximately 70 min of cloud-free data, equivalent to 400,000 spectra, and 50 min of nearly cloud-free data are available on a total of 17 data takes. The radiometric calibration data tape (NSSDC ID 81-111A-02A) and the photographs (81-111A-02C or 81-111A-02D) are necessary for calibration and location of the radiances. Limited documentation was provided by the P.I.

M A T E R I A L S F O R D I S T R I B U T I O N
81-111A-02A
Radiometric Calibration Data

Found in the Data Set Catalog:

- 1) Untitled document, p. 3-9 to 3-21 and 7-1 to 7-4.
 - 2) Shuttle Multispectral Infrared Radiometer (4 pp., probably a journal article reprint.)
 - 3) SMIRR Data Timing Info and Ground Locations.
- Added to the list:
- 4) STS 2 OSTA 1 SMIRR Information Packet (19+ pp.)
(CYN, 9/97)

See 81-111A-02A for Documentation

FILE	1	RECORD	5	LENGTH	72	BYTES
()	AB52D357	F2A100A4	7F18A086	8ED073D0	6A880854	8408B075
(4)	AB6A08B3	8608C081	18A07218	808408B1	82089075	08B07F08
(8)	F20FA081	4FE06A08	A1800890	7B086070	08307B08	A17A0880
(12)	0806E08	90750808	7E18A07A	8B088178	088408C0	74087180
(16)	AC7908D0	7808F080	08087318	007508E0	6808A070	08C07F09
(20)	7908E06D	82407828	007208B0	7208F178	82007029	00740920
(24)	08A7F08	F0850801	78087070	08F07F09	307508B0	8308E086
(28)	AC7E08B8	7808C084	08D08178	00750870	7708A074	08D06D08
(32)	6008D07A	09087F00	808E08C0	7E08E080	08D07418	A17F08E0
(36)	08F07A08	086A08D0	7708B079	08A07008	707608B0	7608806A
(40)	A06608C0	7F08E070	08E07218	A07E08D0	8208D078	08F07919
(44)	7808D077	08F06809	187908D0	79091060	09107039	007E08A0
(48)	08706700	907708C0	7408C06A	08D07A08	A07208A0	63089079
(52)	087E08C0	72089068	08907108	707608C0	6808D076	08907808
(56)	7D08F06F	08807808	90770870	66088074	08807878	A16808B0
(60)	08D07508	007408F0	6308B072	08907008	82640880	7208A079
(64)	007008E0	6408E077	09207A08	006A0890	7408F076	09406908
(68)	6708A070	08B07808	F06008D0	7B090079	08F06B08	906F08C0

D-56408

06/09/81-03/01/82

FILE	1	RECORD	5	LENGTH	72	BYTES
()	AB52D357	F2C108D0	7908D070	08E07208	707B08E0	7E086071
(4)	086D0930	7509307E	08F07409	20700910	7F08D08F	08D07409
(8)	7708707B	8086F08	08E08918	8308D06F	08C07608	F0790910
(12)	08F06F09	007808F0	77090069	09108608	107008D0	7108E07E
(16)	907A08A0	0008D088	08A07408	F07B0900	6808E082	09E07F08
(20)	7808D06B	0898108	90700890	6F085070	08B08008	007208E0
(24)	08900408	01808890	6F08C07A	08D07808	00710880	8008607E
(28)	908208B0	6E08C070	08D08008	017208B0	7008F07F	08C07408
(32)	7208A07F	08D07A08	006B08C0	78090070	08D06E08	407808A0
(36)	08F07008	006F08C0	7B08C07F	08C07208	A07F0900	7E08A060
(40)	20660900	7A08F070	08D06908	00780900	7008C06B	08C07A08
(44)	7D08A078	08D07209	208408C0	81089075	08A07E08	00870900
(48)	08A06608	00770860	70086060	08907F08	007E08C0	6A089074
(52)	08000840	01086070	08707E08	007B08F0	7508D088	08908508
(56)	7E09008F	00307808	907B0880	6808907E	00907808	006908D0
(60)	08D07608	007D0880	6A081072	08A07E08	A06F0890	72089076
(64)	007B08E0	00090880	09207E08	006C0880	76089075	08B06508
(68)	65089076	09007709	007108E0	7808F074	08B06708	00760870

FILE	1	RECORD	5	LENGTH	72	BYTES
()	AB52D357	F2E008B0	7208E078	08906B08	90750880	7008D069
(4)	F0770920	7708E076	09106808	007608D0	7408A067	08E07708
(8)	7D08C070	08B07608	08B408F0	8508D078	09008208	00CA0900
(12)	08007208	A07E08A0	8308A06E	08D07F08	08860890	7108A08A
(16)	107A0870	8408606E	08C07508	A07208A0	7108E07B	08C07708
(20)	7D089069	08207308	50780880	6A085081	08507008	606C08A0
(24)	08A07B08	00790880	6D084082	08907D08	50700860	7008607E
(28)	088608C0	7608B083	08E08C08	007A0850	7D085081	08E07708
(32)	6A08E075	09007600	00690890	7008E084	08A06E08	50750880
(36)	08D08208	006708B0	7A08D070	08A06E08	007F08E0	7E08B070
(40)	906D08B0	7F08E075	08A06808	307B08B0	7308E082	08E07408
(44)	0208A07E	08A06008	A0860880	7D088074	08A08408	A0820880
(48)	08307100	087E08A0	7A08A06E	08907F08	307F0860	7508307F
(52)	60780860	7A086060	08707D08	807A08D0	7108E07F	09308208
(56)	0108A06E	00607A08	507C0860	6E085084	08607808	A06A0890
(60)	08A08208	A0820870	73086080	08A07F08	007408D0	7808C07E
(64)	F06F0910	6F08D07B	09107008	F06C0890	7908C072	08A06508
(68)	60889079	08C08008	A06E0890	6F08D077	08E06508	507508E0

FILE	1	RECORD	5	LENGTH	72	BYTES
()	AB52D357	F200D012	08500800	085E0801	00807078	088E4E00
(4)	006E08D0	0808E082	08E06A08	907708A0	7C089071	08C07A09
(8)	7608B075	08E06008	007E0910	7908D060	08907508	F07D08D0
(12)	08E07008	00700800	7008E008	08300800	7008E008	00700800

59 14 60
MIN 10's of min
hours 10's of hours
days 10's of days
95410600

(52)	81750F00	BA08E875	0EB0BF0E	10A90900	771460F6	1EA0FF08	D07108E0	7E098085	08E07B11	70DA10C1
(56)	5013E07C	21617E0E	ACB808D0	6D0EB0AF	0DD0A6C9	016D1450	E815F0F5	09406C09	207E09D0	85092076
(60)	11E0D21C	C1580920	72216182	0EB0A608	F06F0E90	AD0DE0AF	08807514	60F415B0	FB009071	08A07B09
(64)	307E0900	721160D6	1C315108	E0742161	820E80B7	08E0720E	E0B00DF0	AA08E06E	1440EE15	D0F20900
(68)	64080072	09807F00	D0631190	05109149	08D06B21	517A0E90	B408806A	0E50AB0D	C0AE0890	7C1450F5
FILE	97	RECORD	63	LENGTH	720BYTES					
(0)	AB52D357	EAC008A0	3109508C	08C07611	50CE1081	4C091072	21C17F0E	C0B00900	6F0E90BA	0DF0B609
(4)	00771450	ED15C0FE	03E07A08	E07E0960	8A09006F	1190D01C	A15208E0	75216182	0E80AE08	90720E90
(8)	AC0D20A4	08906A14	20EE1580	F400C06A	08D07809	908208B0	7311A0CA	1C914009	00682151	7D0EC0B0
(12)	09006C0E	90B23E00	A9088072	1430F415	00FB0890	6D03907F	09307D08	806D1140	D01C614A	08C06E21
(16)	417A0E90	AB08B08A	0E90AC0D	F0A40890	691480EC	1500F809	206808D0	7409507D	03C07411	A0D21CA1
(20)	4A090066	2131700E	A1A3C080	650EB0AE	0E00AA09	0C681450	F715A0F7	08D07208	B0790950	7F08E069
(24)	1150C71C	914D0890	6421517A	0E80B138	806C0E80	AA0DD0AB	08807014	60EE15D0	F308E079	08B08209
(28)	408408C8	681150D0	1CE14D08	90732171	830EB0B2	08D06C0E	90ADD0E0	AD08D075	1470ED15	D0F50900
(32)	74093036	09A08A09	105C1190	D21CF14F	08D07121	A17F0EB0	B0091077	0EA0BC0E	00E208E0	721460FE
(36)	15A0F602	E06A08D0	75099083	08C07611	60CF1071	47089068	21117D0E	30B908B0	790E80B8	0E10B409
(40)	20731460	F415B0FC	09107508	E0B709B0	8B095077	1220D01C	E1510920	7021817B	0ED0B308	C0700EE0
(44)	AD0E20A6	08E06C14	10E815C0	F8096076	09308B09	AC8C08C0	781190D1	10C15408	E06C2151	7D0E90B5
(48)	0900720E	E0B90E10	AF094079	1460EA16	00F50950	69095082	09908309	107411AD	D01CE147	09406622
(52)	01730F00	AA09205E	0EC0A80D	D09F0900	761470F4	15F0F709	306F0910	7309B08E	09306E11	80D01CF1
(56)	51095072	21E17C0E	F0B80920	710EE0B4	0E20B009	10731480	F51620FF	09407609	60840960	88090076
(60)	11A0D51C	B14F0910	75214184	0ED0BB09	10750F00	B60E60AF	09107314	60E91600	F009306B	08D08209
(64)	80840900	711170CF	1CE15209	206E2191	790F10AD	0940660E	D0AF0E00	A409206E	1490F315	B0EB0930
(68)	7108F034	09809009	10741180	D81C8152	08F07121	617A0EE0	B2090068	0EF0B0CD	F0AB0910	6D1480E9
FILE	97	RECORD	64	LENGTH	720BYTES					
(0)	AB52D357	EAE00900	7E09A086	08E06611	A0D41CA1	50091069	2151840E	B0B608C0	7A0EC0B5	0E30AB09
(4)	106F1490	EA15D0F5	08E06E09	10890980	8E08D07D	1180D61C	815008E0	76216186	0EA0BD08	F0780E90
(8)	B90DD0BA	08B07314	30EA15A1	0018C077	08A08A09	808B08D0	781190D8	1CD15608	90782181	840E80BC
(12)	0890730E	A0C20DD0	B003B07B	1450F615	810403C0	7E03E083	09509108	FC731160	D61CB15A	08E07821
(16)	217E0EA0	B208D074	0EA0BE0D	E0AE0910	701470F4	15D0FD09	10750920	8809A083	08E07611	A0D71CC1
(20)	5A09107A	21517B0E	90AD0900	6C0E90B3	0E00AC09	007614A0	E815D0FB	09707B09	108809D0	8B094078
(24)	11C0D41C	F14F0910	7321817C	0F00B408	E0720EE0	B20E20AE	09306B14	80EE15F0	F608E072	08E08209
(28)	80660910	6E1150C5	1C914608	C0662191	7A0EC0AA	08D05D0E	90AC0E00	A409106F	1450EE15	B0F708D0
(32)	65080082	09307A08	E0691110	C41C614D	08D06B21	11790ED0	B4090071	0EA0B60D	F0A80900	6C1430EE
(36)	1550FD08	007408A0	7C195085	08A06A11	50C81081	4408F06A	2121780E	70B308C0	6E0ED0B1	0E10AF09
(40)	40761400	F615A0FC	09107909	009209A0	88090082	1180D81C	D1510920	79219185	0EB0C308	F0780F10
(44)	BD0E00B2	08FD0E14	90F915E1	0008F079	08E08909	8C900910	7411A0D0	1CE15409	006C2191	81CED0AC
(48)	08F06F0E	90B50E20	AF090076	1470F415	D0FD0930	78091096	09A09109	20781160	D71CE156	09207521
(52)	01818EA0	B708B077	0EACBC0D	F0AF08C0	731460FF	1EE10409	107C08FC	84098090	09307111	A0D51CE1
(56)	5308F075	21617F0E	60390890	710EA0B2	0DC0A808	70701460	EF15E0EB	08E06308	807B0940	86087067
(60)	1110C01C	614208C0	6221717B	0ED0B308	E0680E90	AF0DB0A3	08D06F14	40F015A0	EC08F06A	08906F09
(64)	307B08D0	6D1150CE	1C914908	90692131	730EA0AC	0890650E	D0AB0DC0	A808906C	1450EB15	90F108E0
(68)	6A02907B	09102508	B0731130	D51C414E	08906E20	D17A0E70	B708A072	0E80B20D	D0AD08D0	721460F0
FILE	97	RECORD	65	LENGTH	720BYTES					
(0)	AB52D357	EA001404	544106D0	DA5FCF7F	36807D75	DB9C5100	2111800E	70B60880	750E90B5	0DF0B208
(4)	D0751410	ED15D0F5	09106908	907D0960	84088073	1130CF1C	514708C0	68211173	0E90AC09	106E0E80
(8)	0000E0AE	08D06414	50E515A0	F009006E	08D07A09	707B08D0	611170C2	1CA14608	E05F2131	6B0E60A4
(12)	08C05E0E	90AC0E00	A708F067	14A0EE15	C0F00910	71093078	09807C09	106E1180	CD1CC14A	08D06D21
(16)	517D0ED0	AD08B0EB	0E90A90D	F06308C0	6F1480F6	1EC0F909	30720920	7F095084	09007211	60CE1081
(20)	5208E072	2161820E	C0B608B0	700EA0B5	0DF0A80E	906D1430	EA1590EF	09006808	90740960	7A08D067
(24)	1190D81C	914608C0	60215173	0E70B008	90680EA0	B00D90A9	08A06B14	80EE15C0	F809006C	09007A09
(28)	508308C0	6E1150CE	1C914C08	00632181	750EC0A6	08D06D0E	80B00DD0	AB09006F	1450F015	F0FF0920
(32)	7408F082	09807C08	A06E1140	D21CA157	89207021	61800ED0	AD08E068	0E90AF0D	D0A60930	6A1470ED
(36)	15D10107	006A08D0	82095088	08D06D11	40CE1091	4908D068	2161820E	80B008B0	740EA0B3	0E20AC09
(40)	10721460	F615F0FF	09106E08	D07D0970	7F091071	1160CE1C	C14E0930	6A215185	0EB0B308	E0750E70
(44)	690DC0B1	08E08214	30F615A1	6103B073	08808409	60880880	751140D6	1C515108	E0742101	820EA0B8
(48)	0890790E	70C10E00	BC08D07F	1470F615	D0F908D0	7008C090	09608E08	D07C1190	E01CE158	08F08021
(52)	91840EC0	C008F07C	0EC0C00E	C0B408E0	7C1460F8	1EA0FD08	F07808B0	8609808E	08D07511	A0D61CA1
(56)	5408B073	21A1830E	A0BA08D0	7C0E50BC	0DB0B808	B0731420	F615A0FB	08C07608	E07E0960	8C08D073
(60)	11A0D61C	B14D0910	6D215182	0EB0B708	B0720ECC	B00E00B8	09207614	C0EF1590	FD09206C	08907F09
(64)	607E08B0	751160D3	1CA14E08	C0682111	7B0EA0B0	08906D0E	90B90DE0	B708D074	1430F216	00F808E0
(68)	0000707A	0000707A	0000707A	0000707A	0000707A	0000707A	0000707A	0000707A	0000707A	0000707A

INPUT TAPE GOUT1 ON UNIT4

DATA INPUT 4- RE 6 FL 1 1

DATA INPUT SR 6 LAST 1

DAY 316 - 317

1981

D-54207

FILE	1	RECORD	2	LENGTH	72 BYTES					
()	AE52D357	F5C15655	9074E8CA	963715C	A61F28E2	4214F472	10E15110	70DC8908	7811D0E8	115CE809
(4)	27711381	44E94D4	79166956	95FD7108	C4790076	50R5212E	924102C0	6A18E136	10A0D4D6	F8661160
(8)	E41 F8DE	0516C13	10FC4E14	C307C06C	56456678	94C10E90	735C6617	28A23F0C	60701861	3E100008
(12)	08417511	71ED1E7	EC036774	1321E4E	14C818E7	6E58855E	7092E40E	87735C66	1828E23A	08C06F18
(16)	91441868	048CA16A	1173E611	23E2608C	6C13A0FE	4E748C48	90695695	7C710EAC	0930685C	060E28D2
(20)	3F07E076	18A14E10	70D608FC	7611A7E7	1153D008	C36C1350	FC4E74BC	08E07256	A5E273A8	E2095075
(24)	50F61620	02340963	6A14C13E	10A0D618	E0681190	E21130DD	08E07613	A0FC4E24	C208A076	56458470
(28)	68A67917	705CA689	2892395F	006E1091	381740D4	08C06E11	50E410D0	E108806A	1343FC4E	44BEE910
(32)	60564575	70E19D09	506A5D16	86291233	0961701F	F14210B0	06091075	11F0E511	60D008D0	671380F6
(36)	4EB408D2	606A56C5	7A70F8AF	0960775C	E61628A2	3409206E	18513A10	50CD08D0	6B1150E4	1130DE09
(40)	006F1330	F24E34BE	79116D56	35037178	A639216C	8C563C28	72300900	6C185134	1061CF08	C0681190
(44)	001182D7	79206C13	50FB4E14	8909206E	56157C70	689E0950	685C2635	2E723409	606A18B1	3C1070CE
(48)	09206A11	90DE1140	0D08C064	12E0F84E	04620960	67563574	70789D09	606E5C56	02288234	09286B18
(52)	513E1760	087FC164	1130D011	20DA07F0	6B1310ED	40B4B208	E06A5685	787088A3	09306E5C	96072882
(56)	35092563	18913110	20D038E0	6D1162E4	1124DE09	106E1320	F84E24B2	09D06A56	45787078	A209A06E
(60)	5C564628	C22E7917	72188138	10A0D709	206E11C0	DC1150D8	08F06C13	85F04E14	AF59F076	56657770
(64)	08960931	715C0615	20D22C09	40601FC1	3410B0D0	08F06911	C0E41120	DA089068	1340F44E	74A70950
(68)	6356F562	71489737	A06B5D35	F729322D	09816C19	113317E0	D2095069	1210DB11	E0D30950	6B13C00E

FILE	1	RECORD	2	LENGTH	72 BYTES					
()	7852D357	FAC178E3	8C399094	C9207D12	C0E618F1	7308E07A	2431A30F	50C588E0	760F60BE	0EB0B908
(4)	007515F1	7C17310E	09167D0C	F08509C0	8208F071	1320E41F	21720940	7524419E	0FD0C508	E0720FA0
(8)	6C0EB18A	0E7A16	00FF1771	16094170	08E08419	A08B0920	6E12C0DD	1EF16C09	10712431	A00F80C4
(12)	0957D03F	C98C0EE7	06075070	1620FD17	A1000970	74027087	09C08889	307812B0	DD1EF16B	08D07324
(16)	319A0FA1	C3493076	0F70C10E	80B380E0	701620FE	17610709	307208E0	8309B08E	08D0C6E12	90DE1EF1
(20)	68099369	2451947F	70571950	671103BC	7F11B3C9	30701630	FE179104	098066C9	507909C0	7C09406A
(24)	1200D21E	F15E04F0	6524410F	0F50B708	E06A0F56	AB0E91AA	08906D15	C0F81730	FAD90068	08C07E09
(28)	40000000	6B120000	1EC15F7F	006A23D1	040F30BE	C0D06D0F	50BA0E8C	80D08072	15F0FE17	410908D0
(32)	7600E004	09208000	506F1210	001E7162	08906E24	31970F40	B408C06C	0F80BD0E	A0B00920	6E159104
(36)	17010000	00700000	04077093	08F07B12	F0D0F1F21	6339006A	24219A0F	80B40900	6C0F50B6	0E80B908
(40)	07315C1	0417413C	08C07408	C0807970	0B00D074	12E0E81F	116708F0	6E2441A0	0FC0C408	E0770F70
(44)	0100E00E	08F07016	10FF1771	07092074	09207A79	008308C0	7112E0DA	1EF16408	F07224A1	930F90B5
(48)	0957401F	C0B00F13	A909606B	15D0F617	91040900	6C08D07E	09808309	006D12D0	DB1ED165	09106F24
(52)	31900FB0	030E0067	0FC0B40F	00B00920	6A1640F0	1760FE79	306B0940	80D9E080	09306712	00D71ED1
(56)	63091068	2451920F	80B60920	630FD084	0F108309	206A1620	FA177104	09606E08	D07C0980	8708F06E
(60)	1200DC1F	116F3900	742461A4	0F505C08	C0740F70	BA0EB0B1	68D07416	30FF1721	06093075	0920E809
(64)	80001920	6C1300D0	1EE16409	206C2441	040FE0B7	09106E0F	90B70EE0	B2090070	1620FC17	81000900
(68)	6A000000	09000000	10741300	EC1F115F	08E07124	61960F00	8B097071	0F708B0E	E0E40900	711610F9

FILE	1	RECORD	3	LENGTH	72 BYTES					
()	AE52D357	FAE11920	8509D028	C9007112	A0DA1EE1	6A091073	2431990F	70BF08D0	710FB0B7	0EB0B009
(4)	00771627	83176105	08F06E09	10E10908	7F10D06A	1270D01E	D1640900	7024219A	0FA0C408	C0EC0F70
(8)	6E0E00B0	0907516	60F01761	08191078	08D08419	A08A0910	7012E0DF	1EE16409	006E2411	960F80BC
(12)	00D0700F	60B00E00	B209106D	15C0F417	30FF08F0	6400C07A	09708708	F06C1290	DE1ED166	08A06A23
(16)	01040F37	0600C068	0F50870E	AAAE08E0	661EC0FE	1720FF08	C0600990	7C09507D	08D06C12	80DA1EF1
(20)	5B09176C	2431970F	70B37850	6E0F80BA	0EB05709	306D15C0	FF172105	38F06F08	D07D0970	850E06C
(24)	120091E	F15F08F0	6A241193	0F60B408	E0620F60	B0DEC0B2	08F07115	80FE1721	0208E072	C9208409
(28)	A00C0910	711200D0	1EE16908	D0762461	0C0F40BE	08E0790F	50C00EE0	88093072	15E0FF17	21CA0900
(32)	7100E000	09500000	F07312D0	8A1F3168	09106D24	119E0F80	89091070	0FA0E30E	80E308F0	6F15C0FC
(36)	17210300	106C00D0	88099001	09006D12	C0DE1EC1	6008E06E	23D1980F	706D08D0	670F90B3	6EB0B009
(40)	206D1620	F01761FC	08F06B08	007F09A0	7E09106B	1290081E	D16009F0	68240190	0F00B209	20660F70
(44)	060E00AE	0900616	00FA1761	00172164	08E07C09	907808F0	6312B0D3	1EC15C08	C0642411	960F60B0
(48)	00D0700F	50B00E00	AE00B06E	1590F517	110300A0	6E00D083	09708608	806912D0	081EF163	09106924
(52)	210E0F00	5809076C	0F508D0E	00B47920	731600FD	17310008	E0720920	8609080A	09107212	ACD51EF1
(56)	6700F06E	2431970F	40B008E0	6F0F50B9	0EFA0E09	306315E0	F6173102	09206C08	D0850980	8908F06D
(60)	1200D61E	E16E0940	72246193	0F308F0E	00710FA0	80CEB0E1	09106F15	E0FC17A1	02091070	09208209
(64)	00000000	AE12C0D0	1FF16619	006A0461	920E00BA	09106DAF	D0BC0EFF0	AD095075	15E10317	81080920

ADD 300 to # to get day of experiment

FILE	1	RECORD	4	LENGTH	720BYTES								
(	0)	AB520357	FA309373	649161	C25FBC7F	87817075	C27F5400	24719B0F	F0B7C920	740FF0B7	0F20B409		
(	40)	306D1557	F9177100	09787109	2081F900	82091067	12F0DA1F	11670920	6A245197	0FB0BA09	106E0FD0		
(	80)	B63EB0AF	09107016	30F717A1	0808F06F	08E08809	908F08D0	7412C0E0	1F216D08	F0722441	9B0F90BC		
(	120)	08C7710F	40C08EAF	B2092076	15E10317	510C0917	74F92086	29D09109	307712FC	0D1F2168	09107624		
(	160)	619ECFB0	BF094070	3FB08E0F	10884960	73167102	17B11309	207C0970	8609F092	09407713	20E21F51		
(	200)	68095073	24A19310	138C5920	700FB5BC	0ED08509	4C701630	FC178108	09A07009	608209D0	8D093072		
(	240)	132DE01F	916D0960	7224B1A3	0FD0C409	30728FE0	BF0EC0BE	09407816	210817C1	0A094074	09608509		
(	280)	F08FC910	7812F0E0	1EE16E09	00702421	A20F60BA	09006C0F	60B60EB0	AB08D066	15E0F217	610108F0		
(	320)	6B03B078	09808408	906912D0	051EE15F	08D06C24	11950F60	B908B069	0F50B10E	D0B00920	6E1600F9		
(	360)	1760FE09	106508D0	7309A081	09006912	90DA1EA1	5E08E068	2411990F	60BA0900	720FA0BA	0F20BB09		
(	400)	196D1630	FE170103	09006C09	007F09A0	8608C074	12E0E21E	C1720920	722431A0	0F90C208	F0720F80		
(	440)	00EA00BC	08D07915	01051741	0C08F072	08F08209	709008A0	7312A0E4	1EE16608	B0722461	9C0F70BE		
(	480)	08D0710F	70BF0EE0	BF08F078	15F0FE17	810C0940	74096087	0A008A09	506E12D0	0B1F316A	09107824		
(	520)	41A40FB0	C108E075	0FA0C20E	E0BE0900	761630FF	17A10A09	607208F0	87099088	09106C13	00E01ED1		
(	560)	68091074	24219E0F	A08B0900	740FA0B9	0EF0B809	21731660	FC178106	09606E09	108109E0	86094074		
(	600)	1330DE1F	11690930	7724B1A3	0FA0C208	E0760FF0	C40F10BD	09407416	51011751	0C09207C	09308F09		
(	640)	088C0970	7C12F0E7	1F017009	20742461	A20FC0B0	0920720F	F0BF0F40	B4094074	1660FA17	61060910		
(	680)	7408F08D	09808C08	007012FC	0B1FC169	090C7124	81A60F90	BF093070	0FB0BA0F	00B30930	771660FC		

FILE	1	RECORD	5	LENGTH	720BYTES								
(	0)	AB520357	FA200930	8709B08E	08F07A12	E0E31EE1	6E091076	2461A10F	70C308F0	740FB0BD	0EE0B609		
(	40)	007615F0	F717A10E	09207609	207F0990	8A08E074	12A0E01E	C1680890	762461A2	0F60BE08	00700FC0		
(	80)	0E0ED0AD	09106E15	E0F21771	0209006A	09207A69	907F08E0	6B1290D2	1EB16608	B06F2441	980F60BA		
(	120)	00B06B0F	50B90EAF	B209206E	1600FC17	61010920	6A09107D	09808209	006C12D0	091F215E	09206624		
(	160)	419A0FA0	BA08E072	0FA0B90F	10820920	731630FE	17810609	40720920	7F09F08B	09407212	F0DB1F41		
(	200)	6509706A	24A19C0F	C0B70920	720FB0B5	0EF0AA09	306B1610	F417A0FC	09306B09	00800990	86091071		
(	240)	12E0D41F	615C0960	6C2451A2	0FA0B008	E0680FC0	B60EF0B6	09007016	40F81791	0509606E	09007C09		
(	280)	908C0930	681200DA	1F115F08	F06E2451	940FE0AF	08D0650F	B0B00F10	AF091068	1640F817	B1050950		
(	320)	6E095081	09B08509	106D12D0	091EF165	09306824	81940FD0	B1092067	0FD0AF0E	C0A80900	6C15F0F3		
(	360)	17610209	006A0900	7C09E084	09306D12	C0DC1EF1	6A08F073	24419C0F	B0C108F0	740FD0C4	0F50BD09		
(	400)	10781630	FF17B112	09907A09	207F09C0	8B09106D	12D0DE1F	116C08E0	7724619E	0FD0C108	F0740FB0		
(	440)	BA0EF089	09407216	20F717B1	0709306A	09507C09	C0800930	6C12D0D7	1F316A08	F06E2451	990FE0B4		
(	480)	0910680F	D0B90F00	B409006B	1610F017	71020920	71096083	09D08909	40721300	DD1EF164	09507124		
(	520)	719B1020	0B091074	0FA0B80E	E0AE0930	681630F3	17A0FE09	406C0910	8409A08B	09307A13	10DD1F11		
(	560)	69090070	24719E0F	C0BA0960	760FB0B6	0F40AD09	406C1630	FA176105	09007109	208309B0	8708D074		
(	600)	12B0E31E	F16C09D0	7624B1A1	0FD0BE09	40740FE0	C00F20B8	09407015	F0FF1781	08092070	09408009		
(	640)	007D0930	71132A08	1F416409	206E2471	9C0F60B2	09106C0F	B0B80EE0	B0098078	1600FC17	51040960		
(	680)	70096082	09908309	207112E0	DE1F216B	09107024	619A0F90	BB090074	0FC0B80E	C0B00930	77160102		

FILE	1	RECORD	6	LENGTH	720BYTES								
(	0)	AB520357	FA400920	8309E085	09207112	B0DD1EF1	67091071	24A19C0F	908808C0	740FE0BF	0EF0BB08		
(	40)	F07215D0	FC17510B	09107709	208A0990	8C08F071	12E0DA1E	F16008B0	71244196	0F80C109	00720FA0		
(	80)	BA1FC0B8	09107116	30F71761	0A094076	09208A09	80860960	6E1300DA	1F516809	506D2491	990FF0B9		
(	120)	0950670F	00B60F00	AD091070	1660FC17	C1080900	71093082	09D08E09	107212E0	E01ED16B	09106D24		
(	160)	81A50FB0	C308FF75	0FE0C40F	40B40980	701650F9	17A10209	406C0940	7E098086	09307212	F0DE1EE1		
(	200)	66090071	24E19D0F	90C208F0	720FA0B3	0F00B109	10741630	F5177107	09106C09	107C09B0	83094069		
(	240)	1300D41E	F15C00F0	6A247199	0F70B060	106D0F50	B00F0B00	09206A16	10F71761	06094076	09308009		
(	280)	80280910	6D1200DA	1EC16408	E07224A1	9E0FA0BE	08E06C0F	70B5DEE0	AE09206E	15F0FA17	A0FA0910		
(	320)	6A09407D	09C08409	206612E0	061EF165	09007024	A19A0FB0	B808E06E	0F90B90E	F0B408F0	7615D0F8		
(	360)	1750FB08	E0700EE0	8209A07A	08CD6A12	B0D61EE1	5008F066	2431980F	90BB0910	6B0FD0B4	0F10B209		
(	400)	08701630	FB17A0FE	09607209	30890980	8E096078	12F0E71F	11730960	7C24A1A2	0FB0C409	10790FB0		
(	440)	0F0EF0BF	09207816	11051791	0A098078	09308309	AC9208E0	7812E0E4	1F216E09	10722471	9D0FF0BE		
(	480)	09107410	20B00F20	BA097077	16B10517	C1080970	77096084	09C08509	407512F0	D21F215E	08E06424		
(	520)	81980F90	B309206A	1000B80F	00B40940	741630FF	17B10709	70770940	8309D087	09107513	20D91F21		
(	560)	60091066	2471950F	80B50930	701020B9	0F20AE09	506C1660	FC17C104	09506D09	507809C0	7E09506C		
(	600)	1320D61F	215F0920	6A247195	0FE0BA09	606C0F50	B40EE0AC	09106815	E0F81761	0608E076	09207F09		
(	640)	00660940	6C1300DE	1EF15F08	F06F2471	9A0FA0BE	09206C0F	D0B60F10	B909A076	1620FE17	B1080950		
(	680)	74096080	0A008309	407012D0	091EF165	09107124	619E0FA0	C2090070	0FE0C00E	A0BA0910	7215F0F9		

FILE	1	RECORD	7	LENGTH	720BYTES								
(	0)	AB520357	FA600950	8409C08B	09207813	10E31F51	70096074	2481A00F	F0BC08E0	720F70B9	0EF0B609		
(	40)	20761600	FF176104	09206C08	007E0980	8808F06E	12D0E01E	F16A0900	732461A2	0F80BC08	F0730F70		
(	80)	BD0FC0B8	09D07515	F0FF1771	07093074	09308809	90820910	7812F0D9	1EF16709	00642451	970F80B8		

FILE	6	RECORD	4887	LENGTH	720BYTES							
(	0)	AB52D357	F5C06671	14617100	CE5E8F00	00817D76	CF824E10	1181580B	60B208D0	730BA0B1	0B10B198	
(	40)	F16B7B93	0820D220	08E06E1E	517F2342	1438F06F	3252771D	21A800F0	611210F9	0840A008	906C0B80	
(	80)	9D085097	0FB0780C	40A42A31	DC08F077	1E716724	31C508D0	6C330242	20B15408	F06E1450	D80C3099	
(	120)	0EE3781C	389C08D8	9B09007C	0CD0A12B	D1D58940	6C1F016E	2551C909	406B33E2	6422F14F	09506915	
(	160)	D0D00CB0	9309306E	0CB0900B	F0923920	690D5097	2C31E009	60721F21	7825D1D1	09307834	12842351	
(	200)	58095075	1580D80C	809E08E0	760CA0A0	0C409C09	208B0D10	AF2B61F4	08C07F1E	C17C2511	DD08E07B	
(	240)	32C28D21	015A08F0	791430DA	0C00A808	E07A0B00	9A0BA0A2	08F07D0C	50A62721	EB08D078	1E917923	
(	280)	F1DF08D0	852C7294	1C716A08	908011F0	E80B509C	08D0740B	20A80B70	9F093079	0C30A924	D1F90930	
(	320)	7D10D176	22D1D808	D0712D02	881C516D	09006912	00E00B80	9409006F	0B40990B	30990900	780C60A6	
(	360)	27720D09	006E1E11	732321D0	09207A31	A2922051	9809106D	13D1000B	009908F0	730C50A5	0BDD0A409	
(	400)	00720CC0	AA2D1223	0930741E	317D24B1	EE091074	3EA29622	61B80930	7814310E	0C40A809	407E0C40	
(	440)	A60C00A8	09407A0C	70AB28E2	1C096072	1E418123	F1F10960	6E35D296	1EE1B409	30691341	020C10A2	
(	480)	09206D0C	009D0BF0	A0092070	0D60A52C	E2100980	621F116F	25D1DF09	40683692	8525B19E	09307018	
(	520)	00F60D90	9A790070	0D6CA20D	AA040930	730E80A2	30E1D809	20721FA1	732731D0	09507337	A23D27B1	
(	560)	6189137E	1820E40D	80A30960	760D309D	0CF09709	30650D9D	9D2F91B1	09605C1F	91602681	CC094070	
(	600)	37E22925	315B0900	6E1690D1	0CE08408	C0700D20	9A0CD095	09206E0E	10972FC1	D468E06C	1FC16827	
(	640)	91D80920	7437F287	26319909	50761770	EC0CE098	08F06C0C	D0970CC0	9A08F06A	DD009C2E	A21A08F0	
(	680)	6C1F916F	2741E108	E0763732	C524D1A2	093D7117	30F10CB0	9408E075	0CD09C0C	E09C0900	7A0DD09D	

FILE	6	RECORD	4881	LENGTH	720BYTES							
(	0)	AB52D357	F5201571	722491DD	09407536	22B022E1	7F09107C	15C0F00C	50A308E0	760CA0A7	0C60A609	
(	40)	0C7F0D80	B62F8239	09007C1E	F1E226A2	0A093D8D	3932D225	61F0092D	7C170128	0D10B209	50750D20	
(	80)	B20CF0B2	09307A0E	00C231B2	67094072	1EE18C26	92070910	7B3A52CC	24F1FE09	007915F1	2C0C90AD	
(	120)	08D0750C	60B80C75	B409207A	0D30C030	02540900	741F417C	26F1FB08	D0743AB2	D525E1D7	09207217	
(	160)	21100D00	9A092066	0D40A60C	F09A0950	640E80AF	32224609	506F1FB1	7C28920A	0910753C	72D32871	
(	200)	05093071	1901190D	60AA091D	740DA0A8	0D40AC09	10740E70	B633E242	09307A20	41822922	0B091078	
(	240)	3E12D52A	D1D508E0	7819A11A	0D40AE09	00750D70	A70D60B0	0960760E	60BE3442	4C094076	1EB16E26	
(	280)	51E08940	703B22BD	2611B909	307616A1	0A0CD0A9	08E0760C	B09E0CA0	A009606C	0D10A92F	F2520930	
(	320)	6F1D9172	23D1F309	40643862	E42361D0	09706A15	11180C80	9E092062	0C60A20C	309A0970	6E0C90AB	
(	360)	2C426A09	10691D91	7322E1F4	09206731	C2FB1FA1	CC09006C	13410A0B	D09D0910	710HE0A0	0BA0AA09	
(	400)	40730C80	B026726C	0950781D	417E2182	02095075	2A63041A	D1DF0950	7910D123	0B10B308	F07F0AF0	
(	440)	B00A60B0	08E0760B	60BE21B2	7A08E078	1CC18421	12140920	7428F314	1991F808	F0741081	2A0B00A8	
(	480)	0900720A	E0AE0AA0	B0091074	0B10BD1F	329008E0	741D9181	21722209	307F2183	3C15521B	08D0770E	
(	520)	B1390A40	AD091073	0A60AA0A	10A80910	720AE0AD	15127E08	F06F1D51	722161F9	08F06F16	12FF0FD1	
(	560)	DD08D06F	0C510C09	C0A208C0	6A0990AA	09A0A208	E0750A20	A412324A	08D0741D	E16421D1	D0092076	
(	600)	1542E00F	91C408B0	720C3107	09D0AC08	E07A09E0	A309F09F	08F0720A	60A61272	27090075	1E216A22	
(	640)	81CC0910	6E15127C	0FB19308	B0720CA0	F009E098	08C06C09	909A09D0	9508F06F	0A30A412	31D108F0	
(	680)	721D6164	21A1BE08	E0711532	010F6152	08E06C0C	90CB09D0	9108F067	09B08B09	E08708B0	6A0A2092	

FILE	6	RECORD	4882	LENGTH	720BYTES							
(	0)	AB52D357	F5401D21	602121B0	08E06315	B1D80FF1	2C091068	0C90C8DA	109408C0	6809E092	0A208B08	
(	40)	C0750A80	9817516B	58B07A1D	516121F1	B7093075	22217E18	C10708B0	7011B0B3	0B709208	A06C0B90	
(	80)	8B0BA08A	089C710C	B0962570	F408A06E	1E016225	51C108B0	7B2DE10E	2550D008	A07118F0	AA0D5084	
(	120)	0EA0740D	A0960D30	8C08D073	0EA08E29	80DE08F0	6C1F0169	2751C108	906A2F90	F92910C9	0910741B	
(	160)	20A30DF0	0B08806C	DE1085D0	D08808E0	730F3099	2A80E809	10741F21	762721D2	0900782F	F10B2950	
(	200)	D4092076	1B30A90E	108F0920	720E6094	0DE09209	0E740EF0	9F2A40E8	0940721F	617227E1	CE094081	
(	240)	2F511029	40DD0930	801B10B0	0E409809	007C0E70	9A0DE096	08E0860E	C09629A0	E8091073	1F416C27	
(	280)	01B00920	6C2E5111	289DD409	20711AE0	A90E1085	09096E0E	808C0DD0	7C08F06B	0F309A29	31260960	
(	320)	6E1F0162	26C1BE09	406C2E51	B0282141	0910671A	9CE50DD0	9808E06A	0E10990D	B0950930	6C0ED0A6	
(	360)	2061CE09	80731F11	692651F7	09606C2D	324A24E1	F209206E	17D130DD	10AD0900	620D10A8	0CB0A209	
(	400)	206E0D60	B3268203	08B0721D	417C22B2	0A09206D	2EC25C1D	C210D920	7612014C	0B50B709	30780B50	
(	440)	B50B60B5	08F06F0B	C0BA2722	0509006E	1D517522	22030940	7430B25D	1BA20209	107210F1	450AF0AF	
(	480)	08C06C0B	50A60B40	AA08E06A	0BD0BE27	C2010910	671D8170	23320508	F06A30D2	4D1E6202	08F06B13	
(	520)	71430BC0	A5090068	0BC0AE0B	D0AC0920	6E0CD0B4	2621F209	606C1F11	6F2551F9	09706729	423E1BF2	
(	560)	0309506E	11F1470B	70B20910	740B60B2	0B20AD08	F06F0870	C21A71FB	08F0711D	E17022D2	0009106E	
(	600)	1B624813	520D0900	690E5136	0A50AD08	C0680A60	AE0A50A9	08D06D0A	F0B915E1	ED08F075	1EA17C23	
(	640)	420A08DC	78191246	11D1E408	D0790DB1	2F0A2DAF	08C07C0A	50B309E0	AE09207A	0AF0B415	41E60900	
(	680)	7C1EE16E	23C1D200	E07518C2	5211E175	08C0780D	90E509D0	A2089076	09F09D09	E09808C0	760AE09E	

FILE	6	RECORD	4883	LENGTH	720BYTES							
(	0)	AB52D357	F5601EF1	642391C1	08F07818	225F11A1	6A08807F	0D80DC0A	10A10890	7C0A00A2	0A20A309	
(	40)	107D0A90	B01471D0	08F0781E	916D22D1	CD094078	17E25611	61760908	7C0D20EE	09D0A308	A0740A20	
(	80)	9C0A109D	0900720A	AA021401	B408F04C	1E717422	71F508C0	7017A1F8	11314B08	D070DD60	0C09E09C	

INPUT TAPE GOUT2 ON MT1
DATA INPUT H9 MF 4 FL 1 10 7 SR 4 LAST 14

1981

D-54208

FILE	1	RECORD	1	LENGTH	720BYTES
()	AB52D357	F5601EF1	64239101	08F0781E	225F11A1 6A08B07F 0D80DC0A 10A10890 7C0A00A2 0A20A309
(40)	107D0A90	B01471DC	08F0781E	916D22D1	CD094078 17E25611 61760900 7C0D20EE 09D0A308 AD740A20
(80)	9C0A189D	0900720A	ADA21421	B408F06C	1E717422 71E5C8C0 7017A1E8 11314B08 D0700D60 DC09E09C
(120)	08A0603A	10940A6D	8708C064	0AE09414	D14A0940 7E1E417A 22B1D609 207A18B1 52122101 08F07A0D
(160)	C0BC0A40	8608E074	0A20920A	108F08FD	6F0A0094 17810808 E06E1E91 742411CD 09407021 A1311830
(200)	EAC0D068	1150A70B	808808D0	6C0B908F	08809409 4C740CF0 972660FF 09406E20 117B2821 D808C06E
(240)	34A12A24	F0E10900	661740AC	0D208409	20700D70 89D00090 09307F0D F0993050 FF0E7E3F 177811F2
(280)	EE939327	83F3D233	0E3C18F0	2051F703	03278C3F 3E38843D F8F3E1C3 4F1CF0E9 3493D96D B4A2DB67
(320)	6DF494B5	A127E1F4	F6DBCB69	0496D618	9A406921 B796F3DB 4BF34D36 5BDB4B49 79695B2B 4B4A90D6
(360)	858D425A	C6A5A56F	696B56A5	084F52B1	B5AB7BDA 484E9AD2 92F5ED61 6D29394B 495A5A94 8492DECA
(400)	FF3FFCC3	82486FD6	948D8769	1868027A	5A4B535A 69EFD082 D6029849 2594126D 84C26DA5 B7DF0BDA
(440)	496924B0	9E1A4253	D258496D	24143797	0DB65F79 27BC9692 5A5A4B49 4B0952F5 BDA9016B D4A52B5A
(480)	12B52B52	14A86D7A	5412FDA5	21095A15	78858D0A 5FA47BF2 90ADF0F4 05ED21E9 5212F094 70C0294E
(520)	5A3C0401	492D24BE	43716F29	3C5A1287	94B4153F 2DA48171 FFFFA8F2 4B6CA5F7 47561DA8 1B584206
(560)	16369693	8C96B697	867A504B	42469292	484A0961 8616DB29 34992DB2 4925A416 5B25B493 4DB4CB2D
(600)	9609F25A	0C9365B2	DB219CB6	9B4369B5	BCA5B036 04AFE108 410BDAC9 5A525CB5 04BFE914 BDC00856
(640)	A1AB521A	0A7843DF	528794F4	2FC2B427	34ED6118 020BCBCB CE5D4A48 DB5742F8 189656DF 4B772F29
(680)	0965A4A4	9C21A1A0	B4B494D2	B6969842	4A49AD34 9249692D 36F6F696 94925A5A DB697B49 492920F4

FILE	1	RECORD	2	LENGTH	720BYTES
()	AB52D357	F5005853	160817100	C85EBB00	00817D75 C9804E00 19613A10 C0D60950 7B1190DF 10F0D809
(40)	00781340	FC4A241A	09707952	84D06BF7	89D97075 59654E29 121E08D0 7719513B 1030D508 C07A1130
(80)	0A1100DA	08C07212	EDF849B4	1A090075	5264CA68 97910920 78590556 28B21A09 00751961 361030D1
(120)	08C07811	20D615E0	D6093077	1310FB49	C4DC0900 6A5244CB 6B478C09 107058F5 5929021E 09406419
(160)	612C1078	C008E062	1130D610	E0D008F0	6712F0E2 49B40F09 00705224 C56B7793 08F06C58 B55828D2
(200)	1A08E06E	19113510	00C908C0	6A1110D9	10F0D708 F06D1300 F649A428 09107252 64E06887 A4092076
(240)	59256A28	F21D0950	71198138	10A0CC09	50731170 D41130D5 09106813 50ED49D4 2308F067 5274E36B
(280)	07A50950	71597563	28F21A09	107219A1	421660D6 19207611 B0D91140 CE091064 12E0F449 F42A0910
(320)	6E52D4DE	6BF7A709	707259B5	65299218	09806919 E13210C0 CA093058 11C0D411 90D50950 6813A0EC
(360)	4AB42209	60765364	DE6CA79E	09C07059	E5682992 24093071 19613C10 D0CF0910 7211B0D9 1150C0D8
(400)	00581340	E64A941D	09306752	E4D56C67	9F096060 59856229 421F0940 78198141 1060D208 C0741160
(440)	DF1110DD	08E07213	60E64A54	1D092072	52E4E06C 87A80990 7159A568 29C22809 507319D1 351080CE
(480)	09007211	E0E11120	DA08F07B	1330FB4A	742D08E0 7052B4E1 6C37AA09 107E5955 6F291227 08F06C19
(520)	81441060	D008D06C	1150E411	10E008B0	731310F8 4A343208 B07A52D4 E56BD7A3 09107659 B5712922
(560)	2608E074	19213210	60D408A0	6F1110D1	1120D908 EC771340 F44A6426 08D06F53 04F06C77 BF091079
(600)	59D57D29	722D08F0	76197146	10B0DC09	207E11F0 EE1130DF 08F07613 70FE4AA4 3A08C075 5324F66C
(640)	97C9C950	7E5A257E	29E22C09	107819D1	4810E0DA 09207A11 F0E11180 E2091073 13C0EC4A 942F0910
(680)	6C5354F0	6CF7BC09	70735A35	7D2A3229	0950701A 213B1CA0 DA08E074 11E0E611 10E30900 781380F8

FILE	1	RECORD	3	LENGTH	720BYTES
()	AB52D357	F5205344	E86D07B4	09306E5A	357A2A12 2408F074 1A313D10 B0CD08E0 6C11A0E6 1130DA08
(40)	C0711370	F44E7427	09106453	F4E56DB7	AE09406F 5B456C2A C2220900 721A613C 109DD108 A06E11D0
(80)	091190D8	08F06A13	D0ED48D4	26093072	5484DF6E 47B409A0 755B6578 2AE22C09 10681A51 3D1100CE
(120)	08F06B11	D0D511B0	D308F073	13D0F94B	743D08E0 785404EE 6D578A09 307A5AB5 7E2A9233 09606B1A
(160)	414010D0	CF08D06B	1200D711	70CF08D0	6C1390F4 4B743608 F06E53D4 E96D67B8 09406C5A 95782AB2
(200)	2308D061	1A813910	D0C80890	6811D0CF	1150C808 AL681390 FA4BB429 08D06254 34E76E07 C0095070
(240)	5075852B	52360960	791B0149	10D0DE08	F076123D E311E0DE 08D07814 00F34C24 3A08B06E 5484F86E
(280)	A7DA0900	7E5BB597	2B323D09	006D1A91	511120D8 08A07311 E0E61180 D808A074 1400FB4C B44B08B0
(320)	7654E530	6EC7E009	30745C25	982BB23B	09106C1B 11521120 D7090074 1260DA11 B0D20940 621480F4
(360)	4D044609	50715534	FA6F47DC	0950705C	658D2B82 3A08E068 1B413F11 30D708F0 691250E2 1190D908
(400)	F06613F0	F64CF444	08D06855	54F66F47	D4096071 5CA58B2B 92350930 631B6138 1130C608 E0641260
(440)	CB11F0D1	09006814	40F84DB4	4308B071	55E4F76F F7D40960 6B5D5599 2C524508 F06C1B51 4D1180D8
(480)	08D06B12	80DE1200	E108E073	1490F94E	0452D8B0 6F55B501 7C47EB09 106C5D45 9C2C6246 08E06A1B
(520)	51521130	C008A06E	1250DE11	C0DA08E0	6C14A0F8 4E645409 006A5655 0C70D7FA 09106A5D A5A62C62
(560)	4403F074	1BA15511	50E108C0	761260E0	1220DA08 B07314A0 FE4E345E 09106956 451470F8 01094071
(600)	5DF5AA2C	C24A0940	6E18D155	11C0D609	206A1280 EC1210E4 08F07614 80FF4E84 6A08A072 56651F70
(640)	D8130930	7D5DB58C	2C925909	307918D1	581170EA 09107412 E0EC1270 E909306F 15110D4E F4730960
(680)	7A56A526	71182009	90815DD5	CD2C9261	0930801B A1541170 DF08F074 1260FF11 F0EE0890 8214910E

(44)	EA11C0E9	88E07014	710D4DA4	7E0KD078	55252E6F	78210910	715C65C6	2C926909	106F1891	561160D5
(48)	88E17212	68EC11C0	8803D06B	14B1064D	E47A394C	6C551521	6F682819	53755C25	8C2BF266	0930711C
(52)	16711120	E608D071	12B0EE11	E0E608E0	6E148108	4DB47C09	306D5555	1E6F781A	0960685C	15C62C32
(56)	5E090068	18D15E11	800C0910	6E1280EF	11D0DC19	316314D0	FF4E1478	09006B55	35276FBE	1FD9306F
(60)	5C95882C	32680910	6A1B9155	1170B009	406E1290	E111A0DE	08E07214	E1074E24	7408F069	55D51F70
(64)	281F0960	745CF5BF	2C825C09	106E1C61	581130DE	88C07512	A0F21200	F008C07F	14E1084E	347F0900
(68)	7B563526	7C680F09	607D5D25	AE2C9252	0911721B	F1581170	DC093077	12A0EE11	D0EC08D0	73148104

FILE	INPUT	DATA RECORDS	MAX.	READ ERROR SUMMARY				INPUT RETRIES	
	RECS.	INPUT	SIZE	PERM	ZERO	SHORT	UNDEF.	#RECS.	TOTAL#
1	3355	3355	720	0	11	0	0	11	11

FILE	4	RECORD	2384	LENGTH	720BYTES					
(0)	AB52D357	FA005170	00327180	045FB07F	86817D75	0482510D	2561800F	E0B6C99D	780FC0B4	0F20B409
(40)	20711670	F917C0FC	09207609	608809D0	87094071	12D0D51F	A14A08C0	7024F187	0FE0BA08	00720FA0
(80)	020EF0B1	09107116	40E91750	F909106A	09108209	B0860910	751320CF	1F815408	E06F2501	78CF80AE
(120)	09016E0F	80B30EF0	AC08B071	1610E417	30F708E0	7203F081	09807E08	806012E0	C71FB147	08F06925
(160)	31710FE0	B2090B62	0FB0B20E	E0AB08C0	6E1650E6	17C0F009	206A0910	8609D093	09207813	20E01FC1
(200)	5602E06E	2521800F	E0B40900	6C0FB0B3	0EF0AA09	10751670	F017A0F8	09207809	208209B0	88090070
(240)	1361CE1F	914D0940	78253172	1040AE09	20620F00	B10F40AC	09506E16	D0ED1810	F508F076	09607C09
(280)	B0870920	721320D2	20214E09	306F2511	791000B8	0910710F	B0B10F30	AD09106B	1680E917	C0EE0910
(320)	6A091079	09D08809	00641310	C71FA14E	08907224	F1760FC0	BC08D06E	0FD0BD0F	10AD0920	7A1690F2
(360)	17F0EF09	306B0910	7909C08A	08D06F13	00CD1FC1	52094077	25617D0F	E0B40920	6C0FD0B8	0F00B409
(400)	407A1650	F017B0F9	09107408	E08C09F0	8A08F06C	1310D91F	915808E0	7825017E	0F90BE08	A0760F80
(440)	B90EE0B6	08F07316	60F51780	F8092072	08F08509	008C08D0	7012E0CC	1F914F08	D07224F1	7E0FC0BC
(480)	08E0750F	80B00EF0	B0090073	1640F217	60F608F0	75091089	09808C08	E0731320	D01FA150	08F06825
(520)	217A0FC0	B808B076	0FA0B40E	E0B008D0	7C1640FC	17510808	007E08D0	81099096	08C08212	F0EA1F91
(560)	5908F079	2501807F	90BB08D0	730FB0BF	0F00B008	E0731660	F61760FC	09207D08	F0920970	9808F07E
(600)	12D0D81F	715408E0	7C24B17E	0F70B708	007C0F70	B00EE0B0	08F07516	90F81770	F609406D	09107B09
(640)	F0860920	6712F0C9	1FC14908	E0722521	780FE0AA	08E06E0F	D0BC0F10	A5090070	16A0E817	90F30920
(680)	6E094083	09D08E09	10711330	D21FC152	08E07625	218A0FB0	BE09107A	0F90B80E	D0AD0910	711660F4

FILE	4	RECORD	2385	LENGTH	720BYTES					
(0)	AB52D357	FA200910	85098084	09007012	E0D41FA1	4C08C072	24F1720F	A0B008F0	6E0F90BD	0F20B809
(40)	207016A0	F917C104	09407708	E0780990	8D090078	12E0DE1F	D157093C	7B253185	0FB0BA09	10710FB0
(80)	BA0F40B4	09207F16	50F81771	0108F078	09508809	90900930	781300DA	1FC15408	E07C2551	840FF0B6
(120)	0900760F	E0B50ED0	B108F072	1690F817	60FE08C0	7608B083	09707E08	C06512F0	CB1FA14A	08D06A24
(160)	D1780FD0	B109006A	0F90B40F	00AC08D0	681680E4	1790E908	E06808FC	7709707D	08B06E12	F0CC1FB1
(200)	4803D06D	25017510	10860890	680FD0B0	0F30A909	40701690	E91780F2	09606A09	508109D0	8409306B
(240)	1310DC1F	F1530930	71258178	0FF0B309	50740FE0	B80EC0B2	08E07016	70F317E0	F409606E	09107F09
(280)	E0860920	741320D4	1FD14C09	40682551	7F0FE0B8	08F0770F	F0B80F40	B808E074	1680F517	C0FE0930
(320)	7D090086	09C09409	40791310	091FD155	08F07C25	01860FB0	BB08A06E	0F90B50E	D0B108F0	741660F4
(360)	17B0F709	10750900	7A09C07E	08F06813	00D51F91	4908D06B	2541770F	AGA08A0	6C0FC0B4	0F10A509
(400)	30721633	EA17A0F4	09407609	508709D0	8609306E	1310D11F	B15308F0	7924F182	0FC0B508	C06F0F90
(440)	B00F10B0	09006C16	90F217D0	F509306F	09507F09	D08C0960	711330D3	1FC15509	30782531	880FD0C3
(480)	0920760F	F0BA0F20	B2092078	1690F417	E1000900	74094082	09B09309	10801300	D01FB159	08F07825
(520)	417C0FD0	B9090076	0FE0B40F	30B30900	7C1660F2	17B10009	40780950	8A0A1097	09007813	00DE1F91
(560)	5703E075	25217C0F	E0C60920	840FA0C8	0EF0C709	00861671	07179106	08E07809	108C0980	8D09207D
(600)	12F0E320	015808F0	7C253188	0FE08E08	F07E0FC0	C80F30C0	09407E16	80FE17B1	0309407C	09508E09
(640)	D0950920	7C1320DC	1F916408	F07B2541	850FA0C3	0930780F	C0B40F10	AC08F077	16A0ED17	70FC0920
(680)	7A00F08E	09C08C09	00701330	CF1F914C	09307024	C17D0FC0	B809106E	0FC0B80F	20AF08D0	751680F6

FILE	4	RECORD	2386	LENGTH	720BYTES					
(0)	AB52D357	FA400940	8C09C08C	09107013	30D31FA1	5008F06D	2501840F	90BD0920	760FE0B8	0F30B409
(40)	006A1690	F017B0FF	09107C09	309209E0	95096075	1360D520	11590910	6C24D175	0FA0B608	B0720FA0
(80)	BF0ED0AC	08E07616	A0F717E0	F709007F	09708619	FF840920	721340CC	1F914E09	10712531	790FF0B9
(120)	0900780F	C0B60ED0	AF08E078	1670EF17	D0F908F0	72092083	09D08809	207312E0	D41FA152	08E07425
(160)	617D0FB0	BA08C074	0FC0B40E	E0AE08D0	721660F0	1770FE09	00780900	8809D08C	09007813	20DA1F81
(200)	5703E075	24E1800F	C0C00910	7D0F80C5	0F308E09	107E1680	FA17C0FE	09307809	708009D0	8D091074
(240)	1320D01F	B14708E0	7225217E	1030B309	40761030	B00F10A9	09406916	90E917F0	F209506B	09807509
(280)	F0850930	721360D1	20214809	70702571	7A1030B1	0930650F	E0B80F10	B3093077	1670F017	B0FA0930
(320)	6E09007F	09B08009	107512F0	D11FA152	08F06C25	01850FA0	B609006C	0FC0B00F	30B10940	7616B0F3
(360)	17B0F809	406C0950	8309C08C	09107213	60CE1FE1	4C09406E	24D17B0F	C0BE0910	780FC0BE	0F10B209
(400)	706F16B0	F817F0F8	09207408	E0860980	8508F073	1320DC1F	915908C0	6625417C	0FB0B708	F06E0FC0
(440)	B00F00AE	09106E16	80F017D0	F00900AC	09507009	C0880910	641310CF	1FD14D09	106F2511	7C0FB0B1

INPUT TAPE GOUT3 ON MT4

DATA INPUT H9 FL 1 10 0

DATA INPUT SR 1 LAST 10

1981

D-54209

FILE 1 RECORD 1 LENGTH 720BYTES

()	AB52D357	FA03480	28327100	D45FBD7F	86817D75	D4824F20	25718210	30B90980	760FE0B6	0F60A909
(40)	706B16D3	E717F102	09607409	608479F0	84093A6B	1350D51F	B1570960	77252184	0FF0BF09	40740F90
(80)	880F43AD	09106F16	70EE17C0	FC091074	09208A09	C06C0910	7812E0D8	1F915109	20702531	800FD0B8
(120)	09106E0F	80B30EE0	8408E077	1670F717	C0FA0900	78091085	09A08A09	007412F0	031F814D	09306F25
(160)	41700FF0	09093073	0FF0B81F	30B50933	761680ED	17D0F908	FC6F0910	8309A08D	09007413	10D41F91
(200)	5208E072	24B1870F	50AD08D0	740FB0B1	0EB0AD08	D0721610	F81750F5	08A07008	A0830950	8D08C076
(240)	12E0D41F	614C0890	6E24D187	0F808309	107A0FB0	B90EF089	08E07C16	ACFA17A0	FE09207C	09108F09
(280)	008E0900	73133106	1FC15108	F0762541	791030BA	09407C0F	E0BE0F40	AE091072	1650F017	A0F608F0
(320)	7400F07D	09708408	E07012C0	041FA14E	09007025	61810FB0	8B08D079	0FD0C10E	00AD0920	741680EB
(360)	17B0EB09	30730960	76090086	09307113	40D41F71	5008D079	24D17C0F	80B808D0	680F50BC	0EE0B609
(400)	00721660	ED17B0EE	08E06E68	D08B0940	88089070	12B0D11F	614C08E0	6624D17C	1010B208	E0740F90
(440)	800EB0B2	09207416	70F617A0	F4096078	09207E09	909008C0	7D12B0DB	1F715509	607E2531	850FF0C1
(480)	09007C0F	C0C00EF0	0F09407C	1650F617	90FD08B0	76092084	09D88809	10791340	D11FE152	09107E25
(520)	61821010	0909106D	0F90860E	E0EA08D0	781650F1	17B10308	D07F08D0	8B09C08D	08F07812	B0DB1F41
(560)	4D08C074	24F1800F	408B0880	740F70B7	0EF0AF08	90741670	F717B0F2	09107409	20890980	8C090078
(600)	12D0CF1F	51530910	7025317F	0FB0BF09	10780F90	C00EF088	09407816	50FE1770	F908E070	08F08209
(640)	A09108A0	741320E0	1FA15008	F0792511	881000BC	09307710	20B70F40	BA091073	1670F217	C0F40940
(680)	78091080	09F08E09	107E1360	D820414A	09907525	61801010	BB08E074	0FA0C00E	F0B308C0	751630FB

FILE 1 RECORD 2 LENGTH 720BYTES

()	AB52D357	FA007330	35308100	B95FB07F	86817D73	09834E00	2631A010	30BF0930	751060B4	0F20B409
(40)	006A1740	FC184104	09606C09	907F09E0	8609706D	1380DC20	D1690950	6D26319E	1050BE09	00641050
(80)	B50FA098	09707317	31031881	0C097075	09808409	E08A0950	7113A0DB	20916B09	30762661	A11060BF
(120)	09517910	A0C20FA0	09093078	17310818	51090950	75092082	0A307B09	10671370	0B20B16E	09506E26
(160)	519B1080	C3095074	10C0BF0F	F0AF09A0	6E1780F8	1890FD09	806C0960	7E09F08B	09407113	A0D92081
(200)	62092068	26919810	70B90950	6D1050BA	0F80B409	206E1750	F41870F3	09606809	407E09E0	8208F06F
(240)	1350E120	A16708F0	6E26319B	1020B809	106C1040	B80F30AF	09006B17	10FB1841	04091069	09407D09
(280)	80860910	701330E0	20A17009	20712601	9A1030B8	09106B0F	F0B30F20	AE09106B	1730F718	20FE08B0
(320)	6700E07E	09E08609	30681380	D820816E	08D06A26	11941030	B709006E	1010BC0F	50B40940	6C1740F5
(360)	10610209	406E0950	7B0A0084	09206E13	10D62071	6A08F06C	2651A210	50C40900	701020BC	0F40B209
(400)	406C16F0	F7182100	09106909	107B0990	8409006A	1310D720	A1630910	6A2601A2	1020B708	E06B0F90
(440)	B30F73BA	09107617	20FC1811	02091369	09307B09	B07F0900	6613C0D6	20C16009	10652651	970FF0B1
(480)	09006810	10B80F60	B609106C	1730F718	90F90940	6509407E	09D08309	306B1370	0B20B163	09406C26
(520)	519C1050	B3093069	1090B50F	C0AC0920	681760FB	1860F809	70730960	7E09E088	09306E13	70DF2081
(560)	67091073	26419E10	50BF0930	701090B9	0FC0B409	60741760	FE18A102	09707209	70810A10	7F09606A
(600)	1350D720	B15F0910	6A26519E	1040C008	E0760FED	B20F40AE	09206717	00F41820	FE08F06C	09107C09
(640)	A0820900	681350CC	20B15D09	206E2641	980FE0B8	09007010	60B40F70	B509306D	1730FB18	41040920
(680)	6E09107A	09C07C09	10711370	D120C164	09206A26	41A2106D	B6091067	1030B70F	70B60900	6E1710FE

FILE 1 RECORD 3 LENGTH 720BYTES

()	AB52D357	FA2008D0	7E098084	08F06B13	10DB2041	6008F06F	2601A510	20BE08F0	770FE0BC	0F00B408
(40)	E0761720	FF17E10A	03F06A08	C07C0980	8808D074	1320D620	416408A0	6E25A19E	0FB0C408	90780FD0
(80)	C30EF0B0	08E07916	D1081811	0A091072	08F07E09	907C0900	721330E4	20516C08	C0772601	A20FD0BA
(120)	08E07310	20C30F10	B009106D	16D0F517	F0FF08D0	68091085	09D08709	00671310	0720315F	08D06D25
(160)	D19B0FD0	B708B067	1010AD0F	30AE08F0	6716E0F8	1810FF08	F06D0910	8309E084	09006E13	80DA2021
(200)	6E092072	2621A010	30B608F0	6B0FF0B4	0F30AF08	D0681700	FD181104	09006E08	D07D0950	8408D06C
(240)	1350D920	416408F0	6E25D19C	0FF0B108	D0620FD0	B0D000B1	09006B16	F0FE1801	0C08B079	08D08A09
(280)	708B08F0	6D1340DC	20316B08	D06E25F1	9B1010B9	08C06610	30AF0F80	AB09006A	1710FA18	31030930
(320)	6F093084	09E08608	D06D1330	0B207168	09106F26	41A41020	B8091070	1060B40F	80B20900	6A1760FF
(360)	18810909	40740900	88098088	08D07413	20DA2041	6008C06E	25C1A610	10C008E0	760FE0BD	0F40B208
(400)	E16E1710	FC186106	09506E09	20840A10	8B09606E	1390DE20	C1620940	6B2601A8	1010B809	00731030
(440)	B30F60AE	09006716	F0F61830	FC091070	09308109	F0870900	691350DD	20716F09	10712661	9F1040BC
(480)	09307210	60C10F90	B9095073	1730FF18	51090910	6C09107F	09C02C09	506F1380	0920C160	09406A26
(520)	119F1040	BC09506E	1050B80F	30B00940	741720FC	18711209	40740920	7F09C088	09106813	50DA2061
(560)	68091070	25F1A810	208C0900	6F1030BA	0F30B808	E07216E0	FE17F109	08E06E08	E08809C0	8C08D077
(600)	1370D520	51690930	6B25D1A0	0FF0BB09	00701000	BE0F40B8	09106F17	10FF1841	01093072	09208009
(640)	F0810910	65139109	20D16C09	107225F1	9F1060C2	09006C10	30B90F40	AC09306F	1710FA18	31020920

(	640)	940E1911	7A4DA43A	43A3A949	506C3492	99153106	08C07E14	51041308	FF08D07D	17C12A40	834A0900
(	680)	7826A1E4	46341009	207B4024	4E4313AA	09307234	229E1531	0608C064	1470F513	E0F208E0	7917F126

FILE	I	RECORD	12895	LENGTH	720BYTES						
(	0)	AB52D357	F5C12681	EE464406	0950814D	243643A3	AD08D07C	34929315	A0F708F0	76146102	1410F509
(	40)	C07217B1	22407343	08E07226	A10646C4	03090074	40E43C43	03A60910	6B34528F	1570F809	006E149D
(	80)	FD13D0FA	08007A17	812040A3	4B08D07D	2681D646	A3FC08F0	774DB439	4373A709	00713432	9215A10A
(	120)	09007814	40FE13F0	FF08D079	17B11F40	23380920	7026E103	4633FC08	C0764CE4	24431397	08E07633
(	160)	E28F1510	FF08C070	14610213	C0F208C0	7417E11E	40E33C09	006426C1	C446B400	08C0714E	343B4413
(	200)	AAC9107B	34F29B15	B1080920	7D150105	14710509	20781801	2041E352	08F07A26	91D94714	02095088
(	240)	4E943A44	53A408F0	8434B298	15410608	907D1490	F813E0F1	08D07917	C12A4183	3E08F07E	26E1DA47
(	280)	04090900	7A4E1430	43B3A509	10833462	94156110	08F08114	910813D1	03090080	17F12241	134908B0
(	320)	7626A1DD	46940808	C0744E34	2343739C	09107734	22991561	0208C077	1440EE14	00F10920	7417E11E
(	360)	40B34F09	137526B1	DB464402	0930764D	74304333	9909407C	34028C15	110308B0	70147104	13D0FF08
(	400)	F07817E1	1E41433A	08C06E26	91D346D3	FB08F06E	4ED42144	93990910	7835628F	15510609	007514C0
(	440)	F61470FC	09207818	211A4263	3AD9006D	2681C846	D3FE08D0	754ED44D	4433B109	20743492	A4151108
(	480)	08F07414	80FC1380	FC08D07A	17B12B4D	535C08B0	7E2671D7	46140708	907C4D74	4442E3B0	08E07E34
(	520)	22A21531	06090076	14B0F914	10F808E0	7917F128	41F34B09	207D2701	DE477407	08E0764F	644044E3
(	560)	A209107A	35429415	E10708F0	7214F0F9	1460FC09	00751851	2142E350	08F07027	21D447C3	FC096076
(	600)	4FE43245	339E0910	7C35728B	1610FF08	F074152D	F41460E4	08F07B18	611E42C3	3E08F077	26A1E047
(	640)	B3FC0940	724FC428	44C38C09	406E3532	931550FD	08E07A14	E1001420	F708F071	18611E41	C35008D0
(	680)	7026E1DA	46A40608	F0664E64	3E4413A3	09005F34	92971580	FC08E076	14E10614	30FB08B0	7F18312D

FILE	I	RECORD	12899	LENGTH	720BYTES						
(	0)	AB52D357	F5E02711	DD473408	0930794F	54284523	8E08D06D	35528415	70F208A0	6A148105	1430FF08
(	40)	D08017F1	2C425347	08C07A26	51D84773	FF08D072	4F743D45	13A10910	7135328F	15910108	E07214A0
(	80)	FC1410E4	08C05A17	D1144123	4208F063	2651D046	24080900	7C4D5457	42E3BC08	C0883392	A215310A
(	120)	09207814	713A13C1	0008E07C	17A13840	837608F0	7F2661D0	464416D9	20804DD4	694353C4	09307D34
(	160)	32A51551	0508D07C	14B10713	E1010900	7917C125	41636A09	607326A1	DC46D417	0950744D	F45543B3
(	200)	B909C075	34229815	81020980	711460FC	13F0F809	007D1771	25404352	08D07826	51E44604	1309307A
(	240)	4E244244	03AC0910	7635229C	15710808	907514B0	F91480F5	09207118	91284363	5A08F078	2731DB49
(	280)	041808E0	7A50A450	4663BE09	30713632	9E15F10A	08E07815	40F81450	F709306B	18112041	E35C092D
(	320)	6C2731D0	47141109	00784E74	4744539F	08D07134	E29915B0	FF090070	14E0F414	60F00920	7A188122
(	360)	42234C09	40722761	D2482404	0930824F	E4344593	9809407A	35E28216	30FE0940	721520F2	1490E409
(	400)	40681861	16421348	09A06E27	01D84734	04093071	4DB44743	83A40970	74342289	1590F809	206E14C0
(	440)	FA1410F0	09306B18	11184023	3F09406A	2711D346	A4040990	7E4D7442	4313A809	507F3442	9115A0FF
(	480)	09407C14	D0FB1400	F209706F	1811224D	83520900	762731D8	46F40C09	207D4D74	5243B3B0	09707A34
(	520)	02A81540	F8090074	14A0FF13	D0FB08D0	6F17912C	40137509	207726E1	ED465432	0920824C	74684213
(	560)	C8095075	3392AC15	010A0910	761440FF	13A0FA08	E0721761	1E3F8359	08C07226	A1E04564	1609006C
(	600)	4C044C42	03B108E0	7B3342A4	152114D9	307F1491	0B13E103	09407817	F12F3FE3	6F09407C	26E1DF45
(	640)	B41D0910	674C1462	4283C409	40783332	AB15410A	09307B14	710513D1	01095081	17912D3F	935C094D
(	680)	7E2691D8	45640608	C0764B24	28418398	08A07E32	C2881480	FE08606E	1400FE13	60F408F0	7717411E

FILE	I	RECORD	12900	LENGTH	720BYTES						
(	0)	AB52D357	F5002943	95508100	D45EC001	00817D75	D5814E00	33528915	00F20900	711470EE	13C0F308
(	40)	B06B1731	093EF332	09206026	C1CE4544	02090074	48241441	A39008E0	7833128A	14D0FD09	106813D0
(	80)	F11390E8	08806717	511A3EF3	3608D06D	2681D245	43FC08F0	774AF41B	41438D08	D07032A2	881490FF
(	120)	08907113	E0F51360	EA08D06F	17111F3E	13340900	722661D7	4463F109	20744A24	24406390	08E06631
(	160)	E2801476	FE08D070	13A0EE13	80F10920	7017011E	3DC33809	106F2671	CF4413F1	09206C4A	141640E3
(	200)	87091072	32627914	D0FD08F0	731400F8	135DFA08	C07016E1	1A3E0328	08D07E26	31D144C3	EC08F076
(	240)	4A640A41	13840900	8232927F	14D0FD08	F073143D	F813B0EA	09107017	71163EE3	2E09707A	26D1D945
(	280)	53D00950	654B7400	41737509	206A3302	7014F0FC	09407B14	710413A0	F808E07C	17312F3E	D32E0910
(	320)	7B2691E0	4483E909	207A4A94	0940D382	09507532	22841491	0808D078	13D10013	50FB08B0	8116D126
(	360)	3D732F09	10782641	DC43C3F2	09007D49	640A4023	7FC09076	31828614	710408E0	7013E0F4	1380F408
(	400)	A07616E1	243D832E	09008226	31DB4453	E509007D	4A23F240	C374092D	6A32526C	1490F408	F06D1410
(	440)	ED1390E5	09107017	31233E63	1C091074	26E1D045	23D5092D	724AF3F8	41D36F09	605A3332	661530FB
(	480)	09007214	A0F813D0	F708E07A	17911A3E	B31F0940	7826F1CE	4553E509	50734AA4	02415375	09007832
(	520)	F27214E0	FC08E076	1400F413	90ED08D0	74174112	3DF30F09	206E2691	CF4493D2	09306F4A	13F64123
(	560)	6C08F074	32A27415	20F508C0	6C1430EC	1330EA08	B0561741	063E12FD	08F05526	E1AA4523	B809006D
(	600)	4A63D641	834E02C0	7632E266	14B0E808	00751440	F113D0E5	08A07117	31113E13	0508D06E	26D1D145
(	640)	33C80940	764A73DE	41535B09	10793282	691490FB	08B07714	00F413A0	ED08907D	16B1113D	E3010900
(	680)	7226F1D2	44E3CB08	D06C4A43	EA410368	08D07832	427014C0	F408D074	1400F413	60EC08C0	6A16910E

FILE	I	RECORD	12901	LENGTH	720BYTES						
(	0)	AB52D357	F5202791	CC4593D3	08F86D49	D3F940C3	6F08D062	32127514	A0F80890	7213E0F1	1320EE08

DUMP OF TAPE GOUT4

INPUT TAPE GOUT4 ON MT4
DATA INPUT H9 2 FL 1 10 5 SR 2 LAST 10

DATA INPUT H9 NF 2 FL 1 10 0 SR 2 LAST 10

DAY 318-318

1981

D-54210

FILE 1 RECORD 1 LENGTH 720BYTES

(0)	AB52D357	F5000624	955081001	D45EC001	00817D75	D5E24E00	31526A14	A0F00920	5E1440F0	1340E809
(40)	006E1631	183DA31A	09106B28	11E94593	FB091070	49E3FD40	63740930	7631C274	14510409	107C13A0
(80)	FE1310F8	08D07B16	61223CD3	2009207A	2801EE45	24030930	764923F3	3FA37309	207A30C2	741450F4
(120)	09007C13	B8EF1300	E408F06F	15E10C3C	C30808D0	7427E1E8	44F3F408	D06E4893	E53F8365	09207330
(160)	E2721420	F308E07D	1380F812	D0EC08D0	6D161102	3C52F809	005E2851	D445A3E1	09407849	63EC4033
(200)	6B09107A	31327114	E10308D0	7F13DCFD	1330EE08	E0861631	1F3D2322	09107D28	01F54573	F309407E
(240)	4933E840	136C08D0	7F31B26F	1450FC08	D07513E0	F21300EC	08907716	61123CF3	0E08A07E	2851F445
(280)	F3F30910	7B49B3DF	40735F08	D0793192	6C1450F5	08E07414	20F41340	EC08D07C	16C1163D	A31208E0
(320)	712521EE	45C3F109	607C4903	ED40A364	09307331	926A14C0	F2091078	1400F213	40F008F0	78167111
(360)	3D630809	407627F1	EB4553E5	09107949	83D94033	56093077	31725D14	A0F80910	6C1400EC	1350E609
(400)	10751671	093DB300	08D06C28	01E245C3	E7091078	4A63DC40	C3580900	6C32425C	14C0EE08	E06A1410
(440)	E51310E1	08C06816	B1033DE2	FA08D070	27E1E146	03DC08C0	6C4A53E2	41236408	F07532A2	6814D0FE
(480)	08B07314	40F41340	E809107A	1711143E	A3120920	762881EC	46C3F009	60774BA3	E842135D	09607B33
(520)	626C1560	F8090068	1486F414	00E808C0	7017B10E	3F131109	206A2851	E54713EC	0910694C	03E04293
(560)	5D094068	33D26815	A0F00980	7214F0EB	1450ED09	807617E1	113F9311	09207728	71EA47B3	F0099073
(600)	4CA3E643	03650990	6E341270	15D0F809	307A14D0	FB1430E8	08D06817	D1183F93	0F09507C	2871F347
(640)	73F10920	774C63EC	42736B09	307833E2	7A1570F6	09407915	10F41440	ED092078	17F11A3F	E3140960
(680)	7D27E1E6	4743F809	30684C04	0143037C	09707134	A27515C1	00094078	1500F014	A0F20960	7818511D

FILE 1 RECORD 2 LENGTH 720BYTES

(0)	AB52D357	F5A026E1	E04553C0	09407D4A	F3F34173	6D095078	32A27A15	31060920	7E1450F8	13D0F409
(40)	60791761	1E3E4322	09308326	91D444C3	DF097084	4A740740	F3780980	7E32427A	15010209	30741430
(80)	FA13C0F4	09208217	311F3E73	1A094074	2671D645	23E60920	7E4833FA	41D37A09	60723362	82150104
(120)	08F07614	60FD1400	F609207A	1781203F	03220900	7426A1E3	4533EB09	00894853	FF41F379	08B07233
(160)	227714D0	FC08F07F	1460F213	B0EB0900	7B17511D	3F332809	208426A1	E44593EC	0930774C	34004273
(200)	7F09407F	33D28115	20FA0930	761460FD	13B0F209	00751771	143F4324	08F06F26	B1D645E3	E809507A
(240)	4B73FD41	E37A0910	79335285	1510EA08	B0631430	DC13C0D4	08F05E17	81143F43	2608D07E	2671DD45
(280)	E3EA08D0	784C5402	42B38508	D0703402	801560F7	09006E14	10F213D0	EC08F06F	17911840	031C08E0
(320)	6F2691DB	4643D409	406C4C93	F242E36D	09107133	E26C1550	F8091068	1480E013	E0E608E0	6E17D11D
(360)	40132809	00742731	0F4693DF	09406E4C	94064313	7E09206C	34428415	B1020940	6F14D0F0	1420E808
(400)	FD7117F1	26407331	09407C27	110946B3	E708E072	40341943	73890910	6E345280	1570FB08	B07914C0
(440)	FF1400F6	09407218	212440A3	34093078	26F1DA46	C3F00960	764DB41B	43C38609	207434A2	8C155105
(480)	09007414	A0F41410	F108E07C	18212841	23400910	7F26D1E7	47240208	E0824ED4	2544F396	08E08435
(520)	F29115E1	0809107C	15110914	510008C0	8E189134	42A34708	F0792701	E147B402	08F07D4F	34204573
(560)	97193073	35B29415	D10D08D0	7D1500F8	1470FE08	F0791871	20425341	09407F26	91DB4733	F509606E
(600)	4F142444	E3990940	74356295	15910D08	D07C14B0	DA1460DA	08E05B18	41044193	2008E074	26A1DA47
(640)	03EE08C0	764E6421	44539809	407934F2	9715E104	09206E14	B0F21420	F308E07B	18312041	034A0910
(680)	7126B108	46540009	106F4D14	2B43239C	09607A33	D2941561	0809106C	1480F413	E0EC0900	7A17B11B

FILE 1 RECORD 3 LENGTH 720BYTES

(0)	AB52D357	F5C126B1	DF45C3F2	08E0724C	A42B42D3	A1091077	33E29A15	41040900	761470F0	13E0EB08
(40)	B06617B1	1E40B34F	08E06A26	F1D74674	0608D06C	4E144B44	43B20920	7A3502A6	15B10408	907414A1
(80)	061410FD	08C07618	41284203	6609307A	2711D847	84100900	7C4F945A	4573BF09	007C35C2	AA15D10A
(120)	09007415	20FE1490	F709206F	18412441	C3560940	732701D0	4723FE09	80624E84	3244839E	09106835
(160)	12931580	F908F066	1500ED13	F0EE0900	70182121	40C34409	206E2681	CB4693FF	0900754D	A43C43D3
(200)	9F08F066	34F28C15	40FA08D0	7114A0F4	13F0EE08	E0EB17D1	1C413339	09006E26	51D34673	F108B062
(240)	4D740543	C37D08D0	7C347290	15610408	B07814D0	FD1410F8	08F07518	212040E3	3209106D	2751DC46
(280)	F3F20960	6C4D5420	43E37E09	40563482	7C1590F8	08E06F14	C0EE1410	E8092068	18111841	73400900
(320)	602761C6	4783EC09	605A4E84	404493BA	09307935	92A515C1	0A08D071	1530EA14	D0FD0910	7818E124
(360)	43135D09	30772731	E3481415	09208050	344545F3	B8093079	3682AE16	31100900	7615610F	14710709
(400)	107F1081	33428352	09107826	E1DD4734	01095083	4E943B44	53A50940	7C34E298	15910408	F06C1490
(440)	FC13E0F5	08F07B17	E1254083	4809407E	26C1D846	43FE0910	7C4D643F	4353AA09	10743422	A4153103
(480)	08F07914	50FC1400	FB08F072	17F12A40	C35408F0	722741D4	47340309	407C4DD4	3C4403AC	09407A34
(520)	82971561	0408F076	14E0FA14	30F508C0	7017E128	40934408	F07C26E1	E4466404	08D06C4D	141B4353
(560)	9908F07A	3432A715	411408D0	7E148106	13E0F609	007917A1	2640034E	09007427	11E14684	16093071
(600)	4C744742	B3B70930	7333F2AF	15A0FF09	10601470	E41400FF	09106817	912F3FD3	6C09107F	2731DB45

(	44)	AF100A3	0910000E	10AF2AD1	DE00F07A	32624E42	53690910	7535626B	18D12409	00751160	D20C40A8
(	48)	5910703C	30970C40	A358A07C	0DB0B22A	C1E10920	7A329247	42436209	30813562	6418B122	88B08211
(	52)	50D20BF7	AA08A07E	0C409E0C	30A10910	7C0DD086	2B210C09	20843262	42428365	09308335	426818D1
(	56)	1E00C07F	1130D20B	E0A10800	7E0C10A5	0BB0A308	A0800D40	AE2A11D4	0E707432	223C4183	5808D075
(	60)	34A25918	517F0890	7410E0D1	0BB0A308	80760C00	AC08B0A3	08B0790D	B0B329E1	D0D8E074	31B23841
(	64)	43600930	7B343265	18312308	D0731120	D80BC0A8	08A0760C	309B0BE0	9E08D079	0D90B529	F1E30920
(	68)	7D31E24E	41536F09	207E3462	6A18811C	09407211	30C00C1D	9C094074	0C60AC0C	209E0900	7A0DB0B7

FILE	2	RECORD	7222	LENGTH	720BYTES						
(	0)	AB52D357	F5E131F2	5141A374	09707734	226C1831	22C91077	1100CE0C	10A30930	790C70A0	0BF0AD09
(	4)	10740DB0	AC2951E4	09206F31	D2464113	6009606E	34027017	E1260900	741120D0	0BE0A208	B07E0C00
(	8)	A00BF09D	08B0700D	30B32961	DD08A068	31824441	736B0940	6D349263	18B11C09	206A1100	CA0C0095
(	12)	08E07A0C	50A60BD0	A709007A	0E00AA2A	81E00920	7E324252	41D36E09	107F34E2	68188122	08F07F11
(	16)	18D40C3E	A508D072	0C409E0B	E09E08D0	850DC086	2A31DF08	C0783262	4541F36B	09507035	327018C1
(	20)	22091083	1170D70C	60980920	720C80A8	0C50A809	10830DE0	BA2A91DC	09107532	22484193	62095073
(	24)	35026918	71230930	7A1110C0	0C30A709	207A0CC0	A10C60A6	0930820D	E0AE2A31	CE08E072	31E23E41
(	28)	8359093C	7034E25F	18711D09	108010D0	D00BF0A9	08A07E0C	40A40BF0	A608D07D	0D70B72A	01D708E0
(	32)	7631D23D	41935D09	30733512	65186128	08907611	20CE0C10	AC08E07E	0C10AA0C	20A408D0	730DE0AA
(	36)	2A41D0A0	F0783212	4641B35D	09007234	E2641881	1908E072	1130C90B	F09D08D0	700C609C	0C20A208
(	40)	FF780D90	862A61D4	08E07032	224741C3	66095077	34C26C18	511F08C0	7A1110C9	0BD09808	C06E0C10
(	44)	9C0BF09B	08F0600D	90A62A71	DB092072	32323E41	D35C0950	70353266	18B11F08	F0771160	CA0C3096
(	48)	3900740C	A09A0C50	9B09306E	0D80A82A	91D09020	6C325240	42036809	10723542	5D19011C	09106F11
(	52)	70C70BE0	9F092070	0C50A20C	509F0920	700DE0A6	2B51D109	50763282	44422366	09207A35	82701901
(	56)	10091075	1160C00C	109C08D0	710C60A0	0C30A109	10756DA0	002AF1DD	09107C32	324B41D3	74094079
(	60)	35127418	712708A0	801110D0	0BE0A808	C07E0C20	AF0BD0B0	08E07BDD	C0B22AB1	E208F079	32324641
(	64)	D36408D0	79350268	1881220E	E0711120	D50C10A1	08E0700C	609F0C30	A308D07F	0D70BE2A	51E908D0
(	68)	7332224F	41D37009	208334E2	7418711C	08F07911	10D50C20	AB08F07D	0C10A10C	00A608B0	7D0D50B9

FILE	2	RECORD	7223	LENGTH	720BYTES						
(	0)	AB52D357	F50C2292	42908100	DE5ECC00	00817D77	DE814E00	10A0DA0B	F09D08D0	730C4099	0C009C08
(	4)	90740D75	B72A51EB	08F08432	025241A3	74090074	34C27E18	812F0900	7A10F0E0	0C30A909	50750C80
(	8)	A60C40A4	08F0840D	90BD2A51	EB08F073	32625442	03740930	7B356278	18E12C09	007A1140	D60C60A4
(	12)	09C07C0C	A09C0C60	9E09207C	0E10AC2B	41DC0920	7232C24C	42836D09	306B35D2	6C196122	09508011
(	16)	08D60C70	9A091075	0CA09E0C	509F08E0	720DB0B9	2841E809	007632E2	4A42D36E	09107936	02701931
(	20)	2208A07E	1150C06C	20A60890	740CA09B	0C409D08	E0720DD0	A92B31DD	08E07332	62494233	6E091075
(	24)	35926618	B1180910	691110CA	0C309F09	20770CA0	A40C409D	09007A0D	E0AE2A51	D8091076	32224841
(	28)	E35C0910	73354271	18512409	0D7910F0	CD0C40A9	0910700C	60A30C10	A1091078	0DD0B32A	71DD08F0
(	32)	7432624E	41E36709	20783512	6C18D124	08D07511	30D80C00	AA08C07E	0C50A80B	F0A208C0	720E20B0
(	36)	2B01E008	F07432A2	4642A36C	09407435	727518D1	2D090075	1180D20C	609A08D0	6D0CA0AA	0C70A409
(	40)	10830E50	B32B61E8	09507933	125642E3	7809906E	35F28419	312B0910	7D1190C9	0C509909	306F0CB0
(	44)	960C909E	0940710E	38B72B31	E2095070	32D24342	73750910	69359275	18F12108	D0741160	D10C30A6
(	48)	08E0740C	A0A60BF0	A508D077	0D70A62A	91DB0920	78324242	42336909	00703522	6818911A	09206611
(	52)	50C90C10	8D08C062	0C40970C	30950890	750DB088	2AC1DE08	C07132A2	47428366	09207235	A26A1911
(	56)	14090064	1150C30B	E09C08E0	700C709A	0C509808	FC730DE0	AD2B11DD	08E07332	B2454293	6C091070
(	60)	35A27118	F1220900	761120D0	0BD0A008	B0740C50	A20C309B	0910750E	20AA2B61	DA08F069	32924942
(	64)	03700920	7F35D275	19412A08	D0791170	D80C40A2	08D0720C	70AA0C60	A4090076	0DF0B82B	11EA0920
(	68)	71327255	42837909	30783592	6A19512A	09507411	80DC0C40	AA08E07A	0C80AB0C	60A60900	740DE0BE

FILE	2	RECORD	7224	LENGTH	720BYTES						
(	0)	AB52D357	F5203272	57426378	09507835	827A1921	28094078	1130D10C	60950920	720CE09E	0C609F09
(	4)	007D0E40	AE2AD1E4	09506F32	52524233	7A09307B	35227618	C1220900	721140CC	0C20A408	E07A0C30
(	8)	A90C1098	08E0820D	D0B72AD1	ED09007A	32825242	43810980	7635627C	19113209	20811140	D50C60A3
(	12)	08E07C0C	80AD0C30	AA093082	0E20C42A	81EC08F0	7E32325F	41C37E09	107E3482	7818512D	08D07510
(	16)	B0D30BB0	A5089076	0C20AD0B	B0AD08D0	770D60BC	29E1F709	007C3152	5440A381	08F08033	E28217A1
(	20)	3A08E07A	1080D60B	E0A708B0	7A0C40A5	0BE09608	C07A0D60	B42961E7	08C07C31	825E4103	7D08E082
(	24)	33F27817	D1250910	7810C0D8	0BF0A908	90780C30	AC0BD0AB	0910770D	C0AA2A71	E708F07B	32424841
(	28)	03720960	74352272	18E11E09	107B1130	D40C209C	08A0790C	70A80C30	AB08D078	0DF0B82A	A1E608F0
(	32)	8332825A	42337F08	F0833572	7618E124	09207E11	90D40C10	A8091081	0C50A90B	D0A508A0	740DE0C2
(	36)	2A91F008	F0813282	4C42436E	08F08035	427018E1	1E092076	1160D80C	40A80900	760C609C	08F09B08
(	40)	E0720DF0	AF2AF1D8	08F06F32	52404263	6209206D	35525B18	F11508C0	6B1150C1	0BD09108	E0710C30
(	44)	A00C2096	0920720D	E0A02AE1	CA091076	32623742	635008F0	7635225C	18F11B08	A0781130	C90BF097
(	48)	08B06E0C	509D0BD0	A708E074	0DA0B22A	41D808C0	7E32124A	41D37009	008134F2	68185120	09107711
(	52)	20D40C60	9F08D075	0CA0A80C	209908D0	750D70AD	2A51DD08	F0773222	4E41D379	08F07535	226E1891
(	56)	200CE079	1120CE0C	109C08D0	710C30A5	08E09908	B0690D70	9C2A51D1	08E07A32	425041E3	7C08E076
(	60)	35627618	D12408F0	751130D2	08F09808	D0780C50	840C4094	0890720D	A0R02AD1	F408F075	32025340

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[illegible]

FILE	1	RECORD	2	LENGTH	720BYTES					
()	AB520357	F56C1B41	3E19C13F	08C07EDC	60A809D3	9E089079	08A08208	80870880	74085086	08808908
(40)	90B308EB	8E0AD0A0	08F0811B	714119D1	3A08D07F	0C70A50A	708508C0	6E08D07F	08808408	A07A0880
(80)	8338B086	78ED7439	30860B00	9008E072	1BF12C19	D1350900	720CA097	09D08708	806A0880	8308D083
(120)	06C07408	B0830080	7B092072	09407F0A	E08E08FD	6F1B5125	19F12C09	006B0C90	9A0A3083	08F07409
(160)	20850900	89389073	08F00808	907A08ED	72092082	08109909	506F1B11	3519F135	09206B0C	C0A20A10
(200)	9908ED78	09108508	A0810890	6F08B07A	08F08608	F0710920	7C0AF09C	08C0761B	213419A1	3008E06F
(240)	0C509FBA	099408ED	7208E084	08708308	60740860	82088084	08C07CE9	2086CAED	9408F06F	1B413519
(280)	713F08FB	7C0C20A2	0A009208	B07308ED	86090082	08D06D08	007ED8ED	7C08C07A	0910890A	F09708ED
(320)	721B2130	19613208	F0750C60	A60A308A	08C07309	30820900	90092070	09308709	40840920	7A094086
(360)	0AD09309	60771B41	34197137	08F06F0C	40A00A00	8C08906C	08D07C08	807A08B0	7108E086	08B07E08
(400)	F079B94E	880AF091	08E0761B	312F19E1	33092073	0C609F0A	208F08D0	7509308E	08B08708	B07908B0
(440)	7F09C086	09007C09	40940B20	A308E07C	1B213E19	A1400920	840CA0B2	0A209F09	00800940	8F08E08C
(480)	08F02708	D0930900	9439C089	09209A0B	009E08C0	821B1141	19E14609	10790C90	A80A1096	08E07509
(520)	207F08F0	8508D076	08E08708	E09408F0	8A099096	0AF09B08	F0741B31	3719E131	0920720C	80A20A50
(560)	92092076	39208909	008A08D0	7508AC82	09208309	40720960	8908408E	0910701B	712D19D1	2C090072
(600)	0CC0960A	808A0910	7309407C	08E08008	807008ED	80090083	08F07509	40850B10	9808B071	1B212C19
(640)	B12008ED	750C6BAD	C9D09C08	D07B08FD	9108A088	08D07B08	C0880900	8A08C07B	0960840A	C09E0900
(680)	7B1B4138	19B13B09	407B0C00	A30A4098	08C07408	EC8308ED	7E08A071	08807B08	A07A08D0	6C09007C

FILE	1	RECORD	3	LENGTH	720BYTES
(0)	AB520357	F5801AD1	28191122	0880650C	209609F0 7F089070 08E08308 807B0860 6808807F 08808608
(40)	B0740930	8F0AD194	08E06F1B	512E1991	2F08D075 0C30AB0A 109508E0 6E08D082 08D08308 A07608E0
(80)	29080032	09066F09	10800B10	9908F06A	1AF12F19 91350900 720C30A6 0A109402 E0760960 86090086
(120)	08007508	E0880920	8709007B	0960840B	20990910 7D185144 19F14209 10840C9D AC0AC09A 09207F09
(160)	408E08E0	8808B06F	09208009	108C0900	7509A083 08609E09 10781BC1 351A213C 09507F0D 00AC0A90
(200)	9E09407E	09608B09	108F0910	79091089	09108C09 207B0980 8E08B609A 0920771B 412E1991 3309207C
(240)	0C80A20A	83950920	7F090082	F9107C08	F06F0940 86093087 09007009 A0890B40 98093073 1B613219
(280)	D1390930	750C70A7	0A009C09	107908F0	8C08A088 08A07008 008D08F0 9108D07A 08F08D0B 409A08F0
(320)	76186135	19C14209	30780000	A80A6088	09007C09 408608D0 8808C076 08A08A09 00960920 7B097096
(360)	0B609E09	307B1B41	3819D13C	08D0750C	009F0A80 92092078 08E08908 E07C0900 7208F084 09208609
(400)	20760960	590AF095	08F0831B	113619C1	3A08E078 0C90B10A 309308F0 77096091 09209009 60720950
(440)	8409407E	09207A09	808D0B20	94095081	1B813C19 F13F0910 810CE0B6 0A609809 008A0910 9D08C092
(480)	08A07C08	009408C0	8D09007E	0950870B	509908F0 701B6136 19E13A09 70830C00 AC0A5094 09207509
(520)	208E08E0	8808E07B	08E08E09	00910960	7E09808B 00809C09 207C1B81 3819A142 08E0830C B0AB0A10
(560)	9208F07D	09408E09	007E0920	7408F08A	08E07C09 00740920 850B5095 08F07E1B 513119E1 34092076
(600)	0C0E0A3A	509200E0	76096088	09107C08	0D7508F0 7D09007A 09506E09 50850AC0 9008E073 1B312B19
(640)	E1340960	660C909B	0A609508	00740920	8608D081 09107B08 C08408E0 85093077 09808B0B 50990950
(680)	7318A138	19C13B09	20780C80	AE0A7097	08807908 F0920800 8R08F07F 08R09309 10990910 85097087

(44)	72110782	9117A99	3895EBC8	9A88E078	14413619	A14008E0	800C50A1	0A308F09	00740920	7A091089
(48)	08E07889	08E478EP	08E9107F	092356EA	E09258CF	7E182136	19A12909	007208F0	9F0A008C	0E007108
(52)	E08808D0	8A08C077	08E094C0	708808D0	8308C093	0AA0A308	00751B11	20195138	0910780C	50AB0A40
(56)	A0091087	08A08C08	C08F08B0	8608E086	00908108	E07F0900	940A90A1	08E07C1A	E13C19A1	4608E07A
(60)	0C10AD0A	109908B0	7908E088	08D07F08	E07808A0	8A08C085	08E07009	00880A90	9B08D07E	18212A19
(64)	513C08D0	790C50A4	0A009308	A07408E0	5D08D084	08E07008	A07E0900	8808F084	0950880A	C0A208C0
(68)	7E1AF138	19813809	40750C60	A609E093	08E07F08	C08A08D0	8308B078	08D08C08	C08608D0	7609608F

FILE	INPUT	DATA RECORDS	MAX.	READ ERROR SUMMARY				INPUT RETRIES	
	RECS.	INPUT	SIZE	PERM	ZERO	B	SHORT	UNDEF.	#RECS. TOTAL#
1	6572	6572	720	0	13	0	0	0	13 13

FILE	5	RECORD	4444	LENGTH	720BYTES						
()		A052D357	FAC0092F	8809A08C	08D07812	90C81ED1	3908C072	2421640F	40AA08D0	780F40B4	0EE0AD09
(4)		10751500	EC1700F0	08E07808	008D0990	8E08D073	1290051E	C1480910	78241170	0F80BE08	C07F0F80
(8)		C00E908D	09107F16	20F01750	E9093072	09208809	90860930	7312A0C9	1EC13808	E0742431	610F50B0
(12)		08E07A0F	50B40EA0	02092075	1620EF17	10FA0910	7E090080	09909808	E0791260	D21E913F	08C06C24
(16)		116A0F80	B608B076	0F70B30E	80AB0900	7415E0EA	1600EC08	F07C08C0	8509307F	08E06C12	10CA1E71
(20)		3D089060	2391670F	20AF08A0	7C0F50B1	0E80B108	E07C1560	EE1710FA	09508308	F08C0990	9608E082
(24)		1280C91E	8142088C	7A23E16A	0F70B708	E0840F50	C00E90BC	08D07B15	C0F216F0	F508D072	0SA08409
(28)		0C870900	741283CE	1E914909	007F2451	710F60B4	08D0790F	90C00EF0	C008E07C	15B0F017	20F10940
(32)		7A094085	09E08A09	307312A0	C91ED13D	09007B24	116F1000	B4092079	0FA0B80F	10B70920	731600EC
(36)		1710F009	707F0900	8E09D095	09607A12	50C91F21	3B092072	24516D0F	80B10910	690FA0B2	0F10AC09
(40)		10731620	EA1730EC	09307309	308409D0	7F093077	12E0CA1F	013D0930	7724116A	0F30BF09	20780FA0
(44)		060F9001	09007515	0F041770	FB094078	08E08E09	B0900920	7E1260D2	1EE14809	107C2451	6C0F50BB
(48)		0920780F	80BA0EF0	6A091084	15D0F117	60F00920	8409308E	09909309	207F12C0	D11F014C	09107E24
(52)		41700F70	BC08A076	0F70B10E	90AE08B0	6D15C0F2	1710EF09	30750920	8809A08C	09207E12	80DA1F01
(56)		48090088	24416C0F	C0B30940	750FA0BF	0EE0B509	207F15B0	F21720FF	09507D09	10860980	9409607D
(60)		12C0DE1E	F14A0910	78245160	0F50B809	10710FA0	B60EB0B3	09108415	E0F616F0	F609307F	08B09309
(64)		A09A0938	831280D4	1EB13E08	F07023F1	6A0F30BF	08C0780F	30BB0E80	B3093078	1610EF17	10EB0980
(68)		74092080	09E08C09	107212F0	C51F5139	09306624	51610FA0	AC093075	0F70AC0E	F0B20910	751630EA

FILE	5	RECORD	4445	LENGTH	720BYTES						
()		A052D357	FAE00960	860A1091	09607812	E0C81F01	44094072	24716D0F	90B308F0	740F80AD	0EB0B409
(4)		30731620	EA1710F1	09307809	107E09B0	90092073	1290011E	D1480890	7C23D16A	0FA0BE08	B0820F7D
(8)		B70E50B4	08D07E15	C0EE16F0	F409107C	0ED08509	708708D0	6D1270CB	1ED13B09	106823D1	640F50B4
(12)		090075CF	60B40EC0	AD09C076	15E0EC16	E0EC08F0	7C08E08C	09909408	E0751230	D71EB142	08F07C23
(16)		01730F80	B809007A	0F60BE0E	80B808D0	6C1650E8	1730EB09	00790900	7D09C088	09007212	70C61EC1
(20)		3C08E070	2411640F	40B00910	710F80A8	0E90AB09	10741620	E61710F0	09307708	E0890990	88091078
(24)		1290D11E	C1490890	7223F16B	0F50B508	A0730F60	8C0EC0B4	08E07B15	C0F01730	F3091078	08D08B09
(28)		A08B08D0	801270D0	1EF14809	107F2411	750F70B9	0900760F	60B60EA0	BA091088	1610F117	210208E0
(32)		8208B08D	09909A05	F0891240	D41E9145	08B06F24	01600F00	A908B06C	0F50A10E	60AA0890	7315C0E5
(36)		16B0F008	F07A08D0	8709A085	08F06812	50CC1E91	41091077	2421600F	70B20900	710F60B2	0EC0A809
(40)		3F7615C0	E916D0F8	09507909	408609C0	7C094074	1260D01E	A1380940	6A240168	0F60AE08	A0740FA0
(44)		B40EE0B8	09207D16	10E91740	EC093073	09207C09	80880940	7212A0CC	1ED14109	50722431	620FA0B0
(48)		08F06D0F	50B90E90	A8090073	1620EF16	D0F60950	70091085	09A09209	207412A0	CD1F013E	09407A24
(52)		016F0F60	BA08F070	0F70B70F	00BA0960	7E1640F1	1740F009	607808D0	89098090	09207412	70C81E91
(56)		4208F078	23E1680F	40B08E00	7C0F40BA	0E90B109	207915B0	F31720F7	0EF07808	B0790950	8D08F07E
(60)		1260D21E	A14608E0	7223E164	0F30B508	00760F60	BC0E80B0	09207115	F0DB16F0	F1093075	08C08409
(64)		70840890	781220D2	1E814408	A07423E1	710F30B2	0870780E	F0B50E70	B408D073	1570EC16	E0F808C0
(68)		8A05E090	09509408	E67A1260	D41EA146	08C07623	C16E0F40	B808D07D	0F30B80E	90B308E0	7415E0E8

FILE	5	RECORD	4446	LENGTH	720BYTES						
()		A052D357	FA003974	75312100	DC5FC97F	86817D78	DC805000	2401660F	80B20920	790F50B1	0EB0AB09
(4)		10751630	EA1700F0	09407409	20880990	8B090079	1290CF1F	114408D0	74241164	0F80AE08	E0720F60
(8)		B00ED0A9	09307315	E0E41700	E009506D	09507A09	807E0930	671270BE	1EB13008	A06723D1	5F0F50A4
(12)		08D0680F	50AF0E90	A908D070	1520E916	D0F20930	7308F07E	09808809	006D1290	CE1EB129	09106524
(16)		215ECF90	AE09006E	0F50B10F	00AC0930	6B1610E9	1700F009	00720920	7D09B081	09307012	A0D11EE1
(20)		3F08F076	2431630F	D0B908D0	780F50B5	0EC0AA09	507216A0	F117E0F3	09B07509	607D0A00	82095073
(24)		12F0CF1F	61450950	7D24316E	0F90B509	30720FA0	AE0EA0A2	09407416	40E21750	E809606B	08F07F09
(28)		50800900	781290CC	1ED13C09	00762421	6A0F90B4	08E06D0F	90B20EE0	A8090074	1620E717	60EF0970
(32)		7309608C	09D08A09	607612D0	C81F3141	09007624	016F0F70	B708A078	0F50B50E	80B10900	811660EA
(36)		16C0F008	D0790930	8C09F086	09607512	80CC1EC1	44091081	23F1710F	60BE0910	820F80B9	0F00B409
(40)		A07A1620	E81700F0	08C07209	00860990	8D090078	1250C51E	E13F08D0	6D240169	0F90B109	50750FA0
(44)		B40EB0A8	09087416	30F91730	F3095078	09308209	00870930	7A12A0D0	1EB14308	E07723F1	730FA0BF

SMIRR1

COPY FILES ALL

BLOCK NUMBER 1 CONTAINS 720 BYTES.
...FILE 1 CONTAINED 1547 BLOCKS.

AB52D357F5C156559070 E8CA0960705CA61F28E2 4208F07218E1511070DC

BLOCK NUMBER 1 CONTAINS 720 BYTES.
...FILE 2 CONTAINED 858 BLOCKS.

AB52D357F5C124E1D437 F32709106E3B932A3312 AE09007026F1EF1160E2

BLOCK NUMBER 1 CONTAINS 720 BYTES.
...FILE 3 CONTAINED 613 BLOCKS.

AB52D357FA61D8C08A09 908D0900781250D11EA1 4409007E23D1650F40B3

BLOCK NUMBER 1 CONTAINS 720 BYTES.
...FILE 4 CONTAINED 61 BLOCKS.

AB52D357F5811DE15E1E 617E0930820F60C80BE0 A609507D0A70A3097095

BLOCK NUMBER 1 CONTAINS 720 BYTES.
...FILE 5 CONTAINED 3518 BLOCKS.

AB52D357FA0095221331 7100C85FC27F86817D76 C87E50002471970FA0B7

BLOCK NUMBER 1 CONTAINS 720 BYTES.
...FILE 6 CONTAINED 4883 BLOCKS.

AB52D357F50083518531 7100D75EC50000817D76 D7824D000A608A096084

...DOUBLE END-OF-FILE...OPERATION TERMINATED.

SMIRRY

COPY FILES ALL
BLOCK NUMBER 1 CONTAINS 720 BYTES.
...FILE 1 CONTAINED 6574 BLOCKS.

AB52D357F5802FA2283E 933309607B31A2361640 FF0930750FE0BD0B90A1

BLOCK NUMBER 1 CONTAINS 720 BYTES.
...FILE 2 CONTAINED 52 BLOCKS.

AB52D357FA2008D08709 409208F07411F0CE1E31 3808F07E2331620EF0B8

BLOCK NUMBER 1 CONTAINS 720 BYTES.
...FILE 3 CONTAINED 633 BLOCKS.

AB52D357FA2109108709 C08908F07A1260DA1E81 6209207223E1890F90B2

BLOCK NUMBER 1 CONTAINS 720 BYTES.
...FILE 4 CONTAINED 2609 BLOCKS.

AB52D357F5604923F062 464C0900745714D74473 690930703222211610F1

BLOCK NUMBER 1 CONTAINS 720 BYTES.
...FILE 5 CONTAINED 4454 BLOCKS.

AB52D357F5211450FE14 110909107F0BC0A40A80 9409207C08F08B08B086

...DOUBLE END-OF-FILE...OPERATION TERMINATED.

SMIR3

COPY FILES ALL
BLOCK NUMBER 1 CONTAINS 720 BYTES.
...FILE 1 CONTAINED 14983 BLOCKS.

4B520357F50006249550 8100D45EC00100817D75 D5824E0031526A14A0F0

BLOCK NUMBER 1 CONTAINS 720 BYTES.
...FILE 2 CONTAINED 7228 BLOCKS.

AB520357F5C11C314E20 D18E0900782901A01621 0209207C0D10A009F090

...DOUBLE END-OF-FILE...OPERATION TERMINATED.

SMIRRB

FSF INPUT 4
COPY FILES 1
BLOCK NUMBER

1 CONTAINS 720 BYTES.

AB52D357FA0034802032 7100D45FBD7F86817D75 D4824F002571821030B9

...FILE 5 CONTAINED 12904 BLOCKS.

SMIRR2

COPY FILES 4
BLOCK NUMBER 1 CONTAINS 720 BYTES.
...FILE 1 CONTAINED 3355 BLOCKS.

AB52D357F5601EF16423 91C108F07818225F11A1 6A08B07F0D80DC0A10A1

BLOCK NUMBER 1 CONTAINS 720 BYTES.
...FILE 2 CONTAINED 3736 BLOCKS.

AB52D357F5201DC15423 B1C00950792A125F1831 8B0980681180F80B60A8

BLOCK NUMBER 1 CONTAINS 720 BYTES.
...FILE 3 CONTAINED 2818 BLOCKS.

AB52D357FA8109208909 F08C0910731320D41FA1 6609206A2511980FE0B2

BLOCK NUMBER 1 CONTAINS 720 BYTES.
...FILE 4 CONTAINED 2393 BLOCKS.

AB52D357F5611C214224 A1C608E06E0CB0A509E0 8A08D06C090080092080

WTM