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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 offline tape datasets have now been migrated from the original magnetic tape to magnetic disk (starting in mid-2004). Accordingly, statements in the format descriptions that address such tape relevant factors as blocking and but density are no longer applicable. The paper documentation in the Data Set Catalogs have been scanned and made into digital images of the pages, the collected into a single PDF file for each Data Set Catalog.

The inventory information in these DSCs is current as of July 1, 2004. But this inventory information is now no longer maintained in the DSCs, but is now managed in the inventory part of the NSSDC information system, and the user should go to that interface (JIN) if further information existing in the DSCs is now not needed for locating data files, but we did not go to the trouble of removing that inventory information.

2. CHANGE LOG

Version	Date	Person	Page	Description of Change
01				

3. LINKS TO RELEVANT INFORMATION IN THE ONLINE NSSDC INFORMATION SYSTEM:
[NOTE: ANY OF THE INFORMATION FIELDS MIGHT BE BLANK.]
[THE "MATERIALS FOR DISTRIBUTION" FIELD IS HERE CALLED JUST "MATERIALS"]

"Remarks" for spacecraft SCNAME1":
http://nssdc.gsfc.nasa.gov/database/MasterCatalog?sc=1977-102A--remark--

"Materials" for spacecraft SCNAME1":
http://nssdc.gsfc.nasa.gov/database/MasterCatalog?sc=1977-102A--mat--

"Remarks" for SCNAME1 experiment EXNAME1:
http://nssdc.gsfc.nasa.gov/database/MasterCatalog?sc=1977-102A&ex=09--remark--

"Materials" for SCNAME experiment EXNAME1:
http://nssdc.gsfc.nasa.gov/database/MasterCatalog?sc=1977-102&ex=09--mat--

"Remarks" for EXNAME1 data set DSNAME1:
http://nssdc.gsfc.nasa.gov/database/MasterCatalog?ds=SPHE-00677--remark--

"Materials" for EXNAME1 data set DSNAME1:
http://nssdc.gsfc.nasa.gov/database/MasterCatalog?ds=SPHE-00677--mat--

"Remarks" for EXNAME1 data set DSNAME2:
http://nssdc.gsfc.nasa,gov/database/MasterCatalog?ds=SPHE-00677--remark--

"Materials" for EXNAME1 data set DSNAME2:
http://nssdc.gsfc.nasa.gov/database/MasterCatalog?ds=SPHE-00677--mat--

"Remarks" for EXNAME1 data set DSNAME3:

"Materials" for EXNAME1 data set DSNAME3:

"Remarks" for SCNAME1 experiment EXNAME2:

"Materials" for SCNAME1 experiment EXNAME2:

"Remarks" for EXNAME2 data set DSNAME1:
"Materials" for EXNAME2 data set DSNAME1:

"Remarks" for EXNAME2 data set DSNAME2:
"Materials" for EXNAME2 data set DSNAME2:

DATA SET CATALOG # 39

Lunar Orbiter II Photo support data
Lunar Orbiter III Photo support data

66-100A-01G 1 tape
67-008A-01G 1 tape

LUNAR ORBITER 2

CORR PHOTO SUPPORT DATA ON TAPE

66-100A-01G

THIS DATA SET HAS BEEN RESTORED. THERE WAS ORIGINALLY ONE 7-TRACK, 556 BPI TAPE WRITTEN IN BCD. THERE IS ONE RESTORED TAPE WRITTEN IN ASCII. THE DR TAPE IS A 3480 CARTRIDGE AND THE DS TAPE IS 9-TRACK, 6250 BPI. THE ORIGINAL TAPE WAS CREATED ON AN IBM 7094 COMPUTER AND WAS RESTORED ON AN IBM 9021 COMPUTER. THE DR AND THE DS NUMBER ALONG WITH THE CORRESPONDING D NUMBER AND TIME TIME SPAN IS AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR005370	DS005370	D001289	1	11/18/66 - 11/25/66

LUNAR ORBITER 2

CORR PHOTO SUPPORT DATA ON TAPE

66-100A-01G

THIS DATA SET HAS BEEN RESTORED. THERE WAS ORIGINALLY ONE 7-TRACK, 556 BPI TAPE WRITTEN IN BCD. THERE IS ONE RESTORED TAPE WRITTEN IN ASCII. THE DR TAPE IS A 3480 CARTRIDGE AND THE DS TAPE IS 9-TRACK, 6250 BPI. THE ORIGINAL TAPE WAS CREATED ON AN IBM 7094 COMPUTER AND WAS RESTORED ON AN IBM 9021 COMPUTER. THE DR AND THE DS NUMBER ALONG WITH THE CORRESPONDING D NUMBER AND TIME TIME SPAN IS AS FOLLOWS:

DR#	DS#	D#	FILES	TIME SPAN
DR005370	DS005370	D001289	1	11/18/66 - 11/25/66

LUNAR ORBITER 1

CORR PHOTO SUPPORT DATA ON TAPE

67-008A-01G

This data set has been restored. There was originally one 7-track, 556 BPI tape written in BCD. There is one restored tape written in ASCII. The DR tape is a 3480 cartridge and the DS tape is 9-track, 6250 BPI. The original tape was created on an IBM 7094 computer and the restored tape was created on an IBM 9021 computer. The DR and DS numbers along with the corresponding D number are as follows:

DR#	DS#	D#	FILES	TIME SPAN
DR005909	DS005909	D001290	1	02/15/67 - 02/23/67

MEMORY MAP

SYSTEM	00000 THRU 03765
FILE BLOCK ORIGIN	03766

NUMBER OF FILES - 12

1. .UA5.
2. .UA6.
3. .UA7.
4. .UA8.
5. .UA9.
6. .UB5.
7. .UB6.
8. .UB7.
9. .UB8.
10. .UB9.
11. UNIT02
12. UNIT03

FILE LIST ORIGIN	04206
PRE-EXECUTION INITIALIZATION	04236
CALL ON OBJECT PROGRAM	04275
OBJECT PROGRAM	04302 THRU 30251

1.	DECK 'RECSTR'	*	04302
2.	DECK 'TAPC2 '	*	04445
3.	DECK 'CPYF2 '	*	04565
4.	DECK 'FIXIT '	*	07113
5.	DECK 'WRIT4 '		07144
6.	SUBR '.IBSYS'		00000
7.	SUBR '.IOEX '		00702
8.	SUBR '.JBCON'		03720
9.	SUBR '.LXCON'		11650
10.	SUBR '.IODEF'		12323
11.	SUBR '.LXSL '		12545
12.	SUBR '.EPTRP'		13023
13.	SUBR 'XIT '		13233
14.	SUBR 'FXEM '		13234
15.	SUBR 'FOUT '		13606
16.	SUBR 'FCNV '		14150
17.	SUBR 'FIOS '		16644
18.	SUBR 'FIOH '		17072
19.	SUBR 'FSEL '		20133
20.	SUBR 'FWRD '		20353
21.	SUBR 'FRDD '		20402
22.	SUBR 'FPRM '		20434
23.	SUBR 'UN02 '		20571
24.	SUBR 'UN03 '		20572
25.	SUBR 'FDMP '		20576
26.	SUBR 'FSLDD '		22050

3765

LUNAR ORBITER II
RECORDS DELETED
66-100A-01#G
D-01289

0251

```
27.  SUBR 'FSLD  '          22105
28.  SUBR '.IOCS '  *       22141
29.  SUBR '.IOCSM'          30243
30.  SUBR '.IOCSB'          30243
31.  SUBR '//    '          76026
```

(* - INSERTIONS OR DELETIONS MADE IN THIS DECK)

INPUT - OUTPUT BUFFERS 30252 THRU 75747

UNUSED CORE 75750 THRU 76025

RECORD NUMBER 000186 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

RECORD NUMBER 000187 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

RECORD NUMBER 000188 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

RECORD NUMBER 000189 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

RECORD NUMBER 000190 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

RECORD NUMBER 000191 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

RECORD NUMBER 000192 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

RECORD NUMBER 000193 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

RECORD NUMBER 000255 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

RECORD NUMBER 000256 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

RECORD NUMBER 000257 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

RECORD NUMBER 000258 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

RECORD NUMBER 000259 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

RECORD NUMBER 000260 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

RECORD NUMBER 000261 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

RECORD NUMBER 000262 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

RECORD NUMBER 000324 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

RECORD NUMBER 000325 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

RECORD NUMBER 000326 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED

RECORD NUMBER 000327 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

RECORD NUMBER 000328 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED

RECORD NUMBER 000329 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED

RECORD NUMBER 000330 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED

RECORD NUMBER 000331 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED

RECORD NUMBER 000393 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED

THRU 75747

THRU 76025

RECORD HAS BEEN DELETED.

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RECORD NUMBER 003101 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003102 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003103 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003104 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003105 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003150 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003161 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003162 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003163 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003164 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003165 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003166 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003167 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003330 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003331 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003332 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003333 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003334 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003335 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003336 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003337 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003413 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003414 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003415 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003416 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003417 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003418 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003419 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003420 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003511 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003512 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003513 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003514 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

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RECORD NUMBER 003515 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003516 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003517 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003518 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003546 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003547 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003548 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003549 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003550 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003551 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003552 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003553 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003602 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003603 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003604 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003605 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003606 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003607 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003608 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003609 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003637 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003638 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003639 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003640 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003641 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003642 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003643 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.
RECORD NUMBER 003644 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

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FILE   1 HAS A MAXIMUM OF     200 AND A MINIMUM OF       3 WORDS PER RECORD.
FILE   1 HAS    3644 RECORDS.
```

WORDS PER RECORD.

```
1     * EVALUATION OF SITE P-1     PHOTOS (OD NO. 9016 )
      GM=4902.78
      J20=.2048E-3
      J30=-.9049E-4
      J40=-.2055E-4
      C21=-.1398E-4
      C31=.2358E-4
      C41=-.7139E-5
      C22=.2445E-4
      C32=.3840E-5
      C42=.2224E-5
      C33=.1888E-5
      C43=.1073E-5
      C44=-.2428E-7
      S21=-.6512E-5
      S31=.1555E-4
      S41=-.9304E-5
      S22=-.3747E-5
      S32=.1339E-4
      S42=.2928E-5
      S33=-.7343E-6
      S43=.6450E-6
      S44=-.3439E-6
      TRANST=
      1.,66.,11.,18.,15.,23.,0.
      TRANSF&2=
      -1511.8122,664.12508.427.15640.-.74324090.-1.4473890.-0.99638919
      ORFIN=1.
      ARB=1.
      ORNUM= 52.
      BIG=52.,1.,1.,1.,0.,16.,4.,36.917.4.167.0.
          1.,3.,2.
```

14

D-01289

REC	1,	LENGTH	90
REC	2,	LENGTH	90
REC	3,	LENGTH	90
REC	4,	LENGTH	90
REC	5,	LENGTH	90
REC	6,	LENGTH	90
REC	7,	LENGTH	90
REC	8,	LENGTH	90
REC	9,	LENGTH	90
REC	10,	LENGTH	90
REC	11,	LENGTH	90
REC	12,	LENGTH	90
REC	13,	LENGTH	90
REC	14,	LENGTH	90
REC	15,	LENGTH	90
REC	16,	LENGTH	90
REC	17,	LENGTH	90
REC	18,	LENGTH	90
REC	19,	LENGTH	90
REC	20,	LENGTH	90
REC	21,	LENGTH	90
REC	22,	LENGTH	90
REC	23,	LENGTH	90
REC	24,	LENGTH	90
REC	25,	LENGTH	90
REC	26,	LENGTH	90
REC	27,	LENGTH	90
REC	28,	LENGTH	90
REC	29,	LENGTH	90
REC	30,	LENGTH	90
REC	31,	LENGTH	90
REC	32,	LENGTH	90

919

5.24.9.25.2.81

66..11..18..15..24..53.0

66..11..18..15..24..55.1

66..11..18..15..24..57.2

66..11..18..15..24..59.3

66..11..18..15..25..01.5

66..11..18..15..25..03.6

66..11..18..15..25..05.7

66..11..18..15..25..07.8

66..11..18..15..25..09.9

66..11..18..15..25..12.0

66..11..18..15..25..14.1

```
REC    33. LENGTH    90
REC    34. LENGTH    90
REC    35. LENGTH    90
REC    36. LENGTH    90
REC    37. LENGTH    90
REC    38. LENGTH    90
REC    39. LENGTH    90
REC    40. LENGTH    90
REC    41. LENGTH    90
REC    42. LENGTH    90
REC    43. LENGTH    90
REC    44. LENGTH    90
```

```
1                                                  ****************************************
        *   PHOTO FRAME NUMBER  1 OF  1   *
****************** 0                                          YEAR    MONTH   DAY   HOUR
                          GMT  66      11       25       21       12     53.699    OLD
    =   -58.7475052 DEG       LATITUDE OF NADIR POINT          =      3.5174118
 INTERSECT  =    -56.0298700 DEG       LATI OF CAMERA AXIS INTERSECT  =      5.
RADIUS                  =  1788.7253794 KM        SPACECRAFT ALTITUDE
N ALTITUDE RATE                 =     -0.0656587 KM/SEC    TIME FROM PERIAPSIS
SEC  HORIZONTAL VELOCITY                =     1.9116524 KM/SEC    TRUE ANOMALY
1762810 DEG  SCALE FACTOR (HIGH)                =     0.0051972 M/KM      TILT D
=  1183.5690613 MM   SCALE FACTOR (LOW)                =     0.0006815 M/KM
        =   155.2221718 MM

 IMAGE MOTION COMPENSATION (V/H)=      0.0152899 RAD/SEC  SPING ANGLE
215 DEG  EMISSION ANGLE                    =     66.1751308 DEG       INCIDENCE
 80.5154037 DEG  PHASE ANGLE                          =     95.5307312 DEG       NO
    =   331.3376274 DEG  TILT ANGLE                              =     62.7339605 DEG
            =      2.5469453 MTR  TILT AZIMUTH                              =     11.954
 AT PRINCIPAL GND PT=     91.6159010 DEG  SUM ANGLE AT NADIR                          =
 ARC AT NADIR                  =  2461.8132629 KM   LONGITUDE DISTANCE TO TARG
    LATITUDE DISTANCE TO TARGET     =     -3.8595882 DEG  LONGITUDE ARC LENG
224 KM        LATITUDE ARC LENGTH TO TARGET  =  -117.0821266 KM   FORWARD OV
  0.          PCT       SIDE OVERLAP RATIO                =     0.          PCT  TI
    =     0.          SEC       ALPHA                                =   -26.8701391
                          X                        Y                        Z

 DIRECTION COSINES TO TARGET       -0.29791883            0.37770299
27132              CAMERA AXIS                -0.10781479            0.53254183
 117.37075043                  C1                          0.02634278            0.42
5          212.71678815                  C2                          -0.16423829
.72780575          85.46329498                  C3                          -0.239368
       0.74583475          85.64614105                  C4                          -
45673            0.92315066          214.18410492   0                          X
 Z                X DOT                Y DOT                Z DOT      STATE VECTOR   -15
4      285.0094261    -0.5398346       -1.5132138       -1.0380222       (1950.0)
          LONG -57.7668 DEG      LATI  11.2193 DEG                LATI    6.5199 DEG
                                                    LONG -57.0112 DEG                LONG -
 *        2.4.17824 KM        *                                    LATI  10.0501 DEG

        (1)                                (2)
                 *        135.87136 KM        *
                  (1)                                (2)                    LOW RESOLUTION
                                                                    HIGH RESOLUTION
        43.04051 KM                                        19.00789 KM                    7.
                                                                                      (4)
                                                                                        *
          (4)                                (3)                    *        71.38657 KM
          LONG -57.6206 DEG                LONG -56.4118 DEG
                          LATI  10.2309 DEG                LATI    5.7770 DEG        LO
ONG -59.1564 DEG      LATI  13.4538 DEG                LATI    5.1409 DEG

RECORD NUMBER      003270 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DEL

RECORD NUMBER      003271 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DEL

RECORD NUMBER      003272 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DEL

RECORD NUMBER      003273 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DEL

RECORD NUMBER      003274 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DEL

RECORD NUMBER      003275 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DEL

RECORD NUMBER      003276 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DEL
```

```
                                REC     1, LENGTH  1128
 ********************
INUTE  SECOND
TUDE OF NADIR POINT
G  LONG OF CAMERA AXIS
36858 DEG  SPACECRAFT
   50.6363831 KM   MEA
      =  -127.3699131
              =   352.
ANCE (HIGH)
ILT DISTANCE (LOW)

          =   179.1317  REC     2, LENGTH  1194
LE                =
 DEVIATION ANGLE
   RESOLUTION CONSTANT
9 DEG       SUN AZIMUTH
1.1531677 DEG       SUN
  =      0.2524948 DEG
TO TARGET =      7.6595
AP RATIO          =
BETWEEN PHOTOS
G.      0
 MAGNITUDE (KM)

7668971         129.329  REC     3, LENGTH  1200
     0.83950888
229           0.9041216
 0.66582625          0
          0.62082066
4778748           0.381
       Y
2250214      487.584827
    0LONG -53.9832 DEG

1670 DEG
     LATI    5.7186 DEG

                                REC     4, LENGTH  1068

   190.69892 KM
24 KM
                  (3)
   137.14801 KM       *
 *

-60.0020 DEG          L

ED.                             REC     5, LENGTH    84
ED.                             REC     6, LENGTH    84
ED.                             REC     7, LENGTH    84
ED.                             REC     8, LENGTH    84
ED.                             REC     9, LENGTH    84
ED.                             REC    10, LENGTH    84
ED.                             REC    11, LENGTH    84
```

RECORD NUMBER 003277 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

RECORD NUMBER 003278 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

RECORD NUMBER 003279 CONTAINED A PARITY ERROR. THIS RECORD HAS BEEN DELETED.

TED.	REC	12.	LENGTH	84
TED.	REC	13.	LENGTH	84
TED.	REC	14.	LENGTH	84