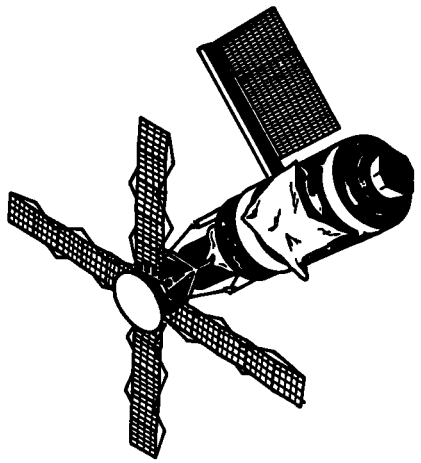
"A" Data Room

NRL/ATM
MISSION ENGINEERING DATA



Volume I

S082B SPECTROGRAPH
EXPOSURES 1B-001-1 THROUGH 1B201-B

PREPARED FOR
UNITED STATES NAVAL RESEARCH LABORATORY
WASHINGTON, D.C.

BALL BROTHERS RESEARCH CORPORATION
SUBSIDIARY OF BALL CORPORATION
BOULDER, COLORADO

A HUGE ERUPTION FROM THE SURFACE OF THE SUN SEEN IN THE LIGHT OF HE II AT 304Å
9 AUGUST 1973

This photograph, obtained during the Skylab 3 Mission, reveals for the first time that helium erupting from the sun can stay together to altitudes up to 500,000 miles. After being ejected from the sun, the gas clouds seem to have come to a standstill, as though blocked by an unseen wall, and some material appears to have been directed back toward the sun as rain, distinguished by fine threads. At present it is a challenge to explain this mystery — what forces expelled these huge clouds, then blocked its further progress, yet allowed the cloud to maintain its threads. Both magnetic fields and gravity must play a part, but these curious forms seem to defy explanation based on magnetic and gravitational fields alone.

The instrument which produced this image was an extreme ultraviolet spectroheliograph, designed and constructed by the Naval Research Laboratory and the Ball Brothers Research Corporation under the direction of Dr. R. Tousey, the Principal Investigator for this NASA experiment. To the left may be seen the sun's image in emission from iron atoms which have lost 14 electrons by collision in the suns' million-degree coronal plasma gas.

BALL BROTHERS RESEARCH CORPORATION

BOULDER, COLORADO

NRL/ATM
MISSION ENGINEERING DATA
FOR
S082B SPECTROGRAPH
EXPOSURES 1B-001-1 THROUGH 1B-201-8

620-245 19 May 1975

Contract No. N00014-67-C-0470
Exhibit C-1 Phase III CDRL
Sequence No. 16

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FORM BR-72

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FOREWORD

The purpose of this document is to provide the camera photographic log, the JSC science console data, and the MSFC engineering data for S082B Film Camera, S/N CM11A-003 (exposure numbers 1B-001-1 through 1B-201-8. The requirements for the Mission Engineering Data (MED) and the Camera Photographic Log (CPL) are combined in this document. This document consists of three (3) volumes. Volume I contains the camera and film histories, diode array data for each exposure, and the JSC engineering data. Volume II contains the MSFC engineering data, and Volume III contains the temperature data. This document was prepared by Ball Brothers Research Corporation, Boulder, Colorado, under Contract N00014-67-C-0470 with the Naval Research Laboratory, Washington, DC. The authority for the MED is BBRC Proposal C-474 which was added by Contract Modification P00055. The authority for the CPL is BBRC NRL/ATM Engineering Change Proposal PPD-054 Rev 1 which was added by Contract Modification P00064.

Acknowledgements

The following people assisted in the preparation of the report:

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PREFACE

This document contains a history of each flight film frame from its receipt by BBRC from NRL through the time of its development. This includes camera identification and mission use, ground and orbit environment, loading and unloading data, filter data if applicable and the camera life history. Also included are engineering and scientific parameters related to each frame during exposure on the Skylab Mission. This exposure data is provided in the form of Engineering Data Books (EDB's) obtained from MSFC and JSC and edited by BBRC, and a Diode Array Data Log provided by NRL.

The Camera Flight Load Number, Camera Serial Number and the Exposure Numbers relative to each Skylab Mission are given in the following tables (Tables 1 and 2). Noted are the BBRC 620 Documents that should be consulted for the respective exposures. Each document is confined to a block of exposures obtained by a specific camera during the various Skylab Missions.

Table 1
S082A Camera Related Data

Skylab Mission	Flight Load No.	Camera Serial No.	Exposure Numbers	Referenced 620 Documents
SL-1 & 2	A-1 A-2	CM10A-003 CM10A-007	1A-001→1A-019 1A-201→1A-402	620-239 620-240
SL-3	A-2* A-3	CM10A-005 CM10A-006	2A-001→2A-201 2A-301→2A-501	620-241 620-242
SL-4	A-4 A-5	CM10A-006 HRE CM10A-005 HRE	3A-001→3A-201 3A-301→3A-500	620-243 620-244

*Replacement load for original A-2 load used during SL-1 & 2 instead of during SL-3 due to a malfunction of A003 camera.

HRE designates reflight (i.e., flown on a previous mission).

Table 2

S082B Camera Related Data

Skylab Mission	Flight Load No.	Camera Serial No.	Exposure Numbers	Referenced 620 Documents
SL-1 & 2	B-1	CM11A-003	1B-001-1→1B-201-8	620-245
SL-3	B-2 B-3	CM11A-005 CM11A-004	2B-001-1→2B-201-4 2B-301-1→2B-500-1	620-246 620-247
SL-4	B-4	CM11A-003 HRE	3B-001-1→3B-201-8	620-248

HRE designates reflight (i.e., flown on a previous mission).

Thermal Distortion data for the instruments relative to each Skylab Mission may be obtained from BBRC Document No. 620-238, entitled NRL/ATM Thermal Distortion Performance for S082A and S082B Instruments. Distortion data relative to a particular exposure may be time correlated to the information in the noted document. The document is published in five (5) volumes.

Volume I	Thermal Distortion Program Description
Volume II	S082A Thermal Distortion Plots SL-3 & SL-4
Volume III	S082B Thermal Distortion Plots SL-3
Volume IV	S082B Thermal Distortion Plots SL-4 DOY 332 through DOY 362
Volume V	S082B Thermal Distortion Plots SL-4 DOY 363 through DOY 383 (18 of 1974)

Additional sorting of the JSC EDB data by Joint Observing Program (JOP), target, etc. has been accomplished and is published in BBRC Document No. 620-249, entitled NRL/ATM S082 Exposure Catalog.

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VOLUME I

CAMERA AND FILM HISTORY

DIODE ARRAY DATA

AND

JSC ENGINEERING DATA

NRL/ATM

MISSION ENGINEERING DATA

FOR

S082B SPECTROGRAPH

Contract No. N00014-67-C-0470

Contract Modification P00055

1.0 INTRODUCTION

Volume I contains a complete history of both the film camera and the XUV film used in this particular camera, the data obtained from the diode array film chips after exposure during the mission, and the JSC engineering data obtained during the mission from the science console.

A history of the temperature and radiation environment of the film was maintained from the time it was cut and loaded into the camera through the unloading and developing. The camera history was maintained from the completion of production through the loading of the camera in the launch vehicle.

The film was unloaded and developed at NRL. NRL read the diode data which was placed on a computer printout. The JSC engineering data was collected from the science console. This data was placed on computer printouts.

2.0 CAMERA AND FILM HISTORY

This section contains a compilation of data that traces the history of each exposed flight film frame beginning with camera identification and mission application. The period covered is from cold storage at BBRC, just prior to the film cutting for installation in the camera, to the time of its development at NRL. Film temperature and radiation environmental data is provided. Included are loading and unloading data providing traceability of each exposure number to a specific film roll and type, and to each control sample, film holder and exposure sequence. Also included is an extraction, from BBRC Document No. 620-132, entitled Film Camera History, for each respective camera.

2.1 CAMERA IDENTIFICATION AND MISSION USE

Camera:	P/N 36361-501; S/N CM11A-003
Flight:	L/N B-1
No. of Film Holders:	Upper 100; Lower 100; Carrier 1
Skylab Mission:	SL-1 and 2
Launch Date:	14 May 1973
Installed on Instrument:	2 April 1973
Removed from Instrument:	19 June 1973
Splashdown:	22 June 1973

Significant Remarks:

This camera was launched on SL-1, the film was exposed on SL-2 and the camera was returned on SL-2.

2.2 ENVIRONMENTAL DATA

The Environmental Data Section includes a graph of temperature vs day-of-year from loading to unloading of the cameras, and cumulative radiation vs day-of-year for the mission period. These graphs provide a quick look at the environmental parameters to which the film was subjected (See Fig. 2-1). The source for the in-flight data is from the environmental log book maintained at the NRL Science Console.

2.3 LOADING DATA

The film camera was loaded at BBRC just prior to shipment to KSC. Film strips were cut from a roll of bulk film which was 70mm wide and approximately 120 feet long. The film strips were cut to 35 x 248mm. These strips were placed into film holders, loaded into the camera, vacuum dried, and cooled to 40°F. The attached chart (See Table 2-1) shows the relationship between each strip of film as it was cut from the bulk roll of film to control sample number or exposure number and the holder number in the order in which it was loaded. The two columns entitled "Roll #" lists the film roll number and strip number as it was cut from the roll. The column entitled "Control Sample #" numerically lists each control sample. The column entitled "Exposure #" is the number assigned by NRL to each individual exposure. The column entitled "Film Holder #" shows the film holder number at the time of loading. This chart provides a cross reference for roll, strip, exposure and holder. It also provides a cross reference between roll and strip number to control sample.

There were four (4) control samples taken at the beginning of each roll, one taken at intervals of approximately ten (10) film

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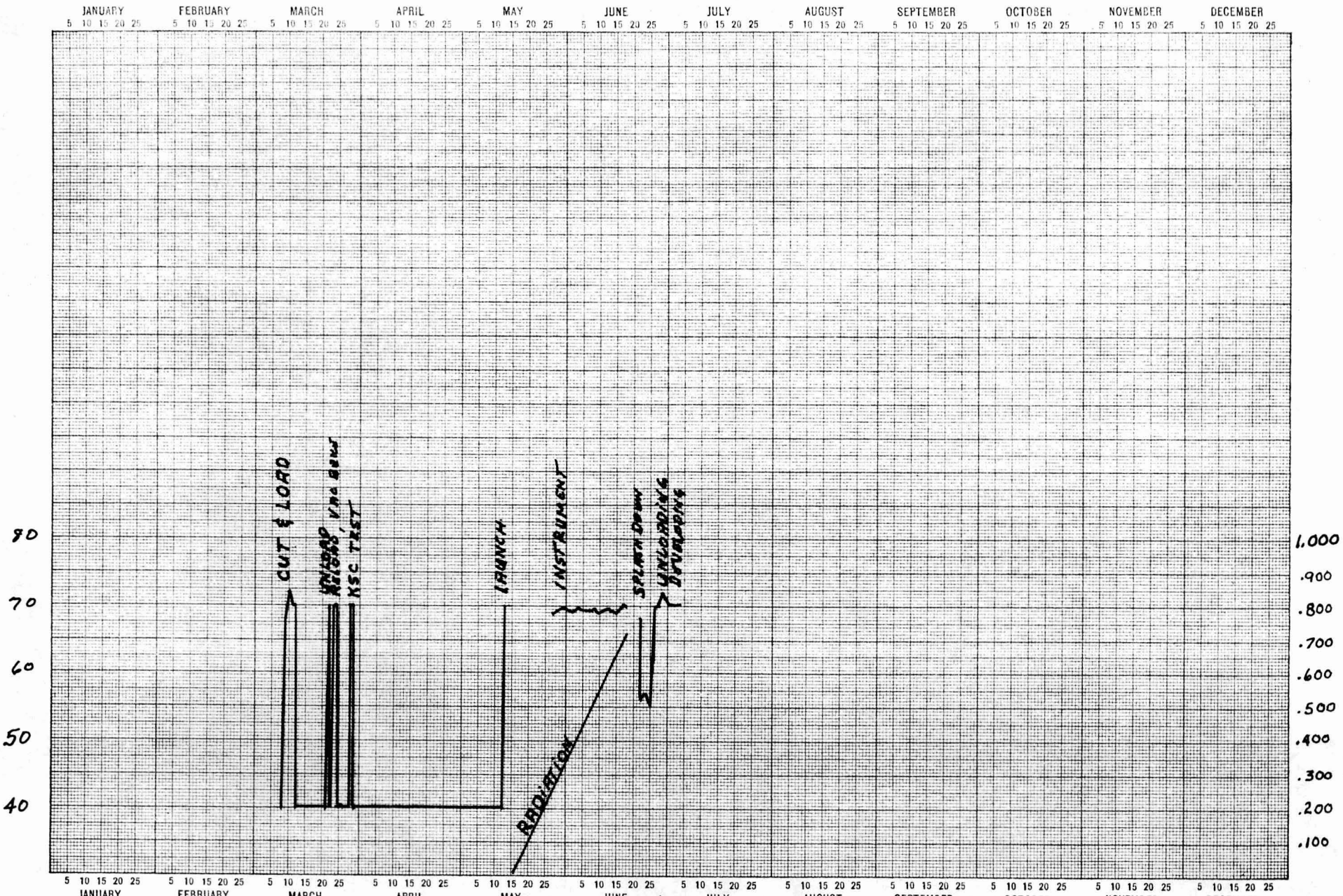


1973

CAMERA S/N B1/B003	SL-1
FILM ROLL # 7A	104
7B	104
8A	104
6A	104
3	101

Figure 2-1
Environmental Parameters

FILM TRACEABILITY CHART

DATE 3-22-74 CAMERA P/N 36361-501 S/N B1/B003

ROLL NO.	CONTROL SAMPLE NO.	EXPOSURE NO.	FILM HOLDER NO.
7A-1	1		
7A-2	2		
7A-3	3		
7A-4	4		
7A-5		1B177	187
7A-6		1B176	186
7A-7		1B175	185
7A-8		1B174	184
7A-9		1B173	183
7A-10		1B172	182
7A-11		1B171	181
7A-12		1B170	180
7A-13		1B169	179
7A-14		1B168	178
7A-15	5		
7A-16		1B167	177
7A-17		1B166	176
7A-18		1B165	175
7A-19		1B164	174
7A-20		1B163	173
7A-21		1B162	172
7A-22		1B161	171
7A-23		1B160	170
7A-24		1B159	169
7A-25		1B158	168
7A-26	6		
7A-27		1B157	167
7A-28		1B156	166
7A-29		1B155	165
7A-30		1B154	164
7A-31		1B153	163
7A-32		1B152	162
7A-33		1B151	161
7A-34		1B150	160
7A-35		1B149	159
7A-36		1B148	158
7A-37	7		
7A-38		1B147	157
7A-39		1B146	156
7A-40		1B145	155
7A-41		1B144	154
7A-42		1B143	153
7A-43		1B142	152
7A-44		1B141	151
7A-45		1B140	150
7A-46		1B139	149
7A-47		1B138	148
7A-48	8		
7A-49		1B137	147
7A-50		1B136	146
7A-51		1B135	145
7A-52		1B134	144
7A-53		1B133	143
7A-54		1B132	142
7A-55		1B131	141
7A-56		1B130	140
7A-57		1B129	139
7A-58		1B128	138
7A-59	9		
7A-60		1B127	137
7A-61		1B126	136
7A-62		1B125	135
7A-63		1B124	134
7A-64		1B123	133
7A-65		1B122	132
7A-66		1B121	131
7A-67		1B120	130
7A-68		1B119	129
7A-69		1B118	128
7A-70	10		
7A-71		1B117	127
7A-72		1B116	126
7A-73		1B115	125
7A-74		1B114	124
7A-75		1B113	123
7A-76		1B112	122
7A-77		1B111	121
7A-78		1B110	120
7A-79		1B109	119
7A-80		1B108	118
7A-81	11		
7A-82	12		
7B-1	13		
7B-2	14		
7B-3	15		
7B-4	16		
7B-5		1B107	117
7B-6		1B106	116
7B-7		1B105	115
7B-8		1B104	114
7B-9		1B103	113
7B-10		1B102	112
7B-11		1B101	111
7B-12		1B100	110
7B-13		1B099	109
7B-14		1B098	108
7B-15	17		
7B-16		1B097	107
7B-17		1B096	106
7B-18		1B095	105
7B-19		1B094	104
7B-20		1B093	103
7B-21		1B092	102
7B-22		1B091	101
7B-23		1B090	1
7B-24		1B089	2
7B-25	20		
7B-26		1B088	3
7B-27		1B087	4
7B-28		1B086	5
7B-29		1B085	6
7B-30		1B084	7
7B-31		1B083	8
7B-32		1B082	9
7B-33		1B081	10
7B-34		1B080	11
7B-35		1B079	12
7B-36	21		
7B-37		1B178	188
7B-38		1B179	189
7B-39		1B180	190
7B-40		1B181	191
7B-41		1B182	192
7B-42		1B183	193
7B-43		1B184	194
7B-44		1B185	195
7B-45		1B186	196
7B-46		1B187	197
7B-47	22		
7B-48		1B188	198
7B-49		1B189	199
7B-50		1B190	200
7B-51		1B191	201
7B-52		1B192	100
7B-53		1B193	99
7B-54		1B194	98
7B-55		1B195	97
7B-56		1B196	96
7B-57	23		
7B-58		1B197	95
7B-59		1B198	94
7B-60		1B199	93
7B-61		1B200	92
6A-2		1B201	91
6A-3		1B001	90
101		1B002	89
7B-62		1B003	88
7B-63		1B004	87
7B-64		1B005	86
7B-65		1B006	85
7B-66		1B007	84
7B-67		1B008	83
7B-68	24		
7B-69		1B009	82
7B-70		1B010	81
7B-71		1B011	80
7B-72		1B012	79
7B-73		1B013	78
7B-74		1B014	77
7B-75		1B015	76
7B-76		1B016	75
7B-77		1B017	74
7B-78		1B018	73
7B-79	25		
7B-80	26		
8A-1	27		
8A-2	28		
8A-3	29		
8A-4	30		
8A-5		1B019	72
8A-6		1B020	71
8A-7		1B021	70
8A-8		1B022	69
8A-9		1B023	68
8A-10		1B024	67
8A-11		1B025	66
8A-12		1B026	65
8A-13		1B027	64
8A-14		1B028	63
8A-15	31		
8A-16		1B029	62
8A-17		1B030	61
8A-18		1B031	60
8A-19		1B032	59
8A-20		1B033	58
8A-21		1B034	57
8A-22		1B035	56
8A-23		1B036	55
8A-24		1B037	54
8A-25	32		
8A-26		1B038	53
8A-27		1B039	52
8A-28		1B040	51
8A-29		1B041	50
8A-30		1B042	49
8A-31		1B043	48
8A-32		1B044	47
8A-33		1B045	46
8A-34		1B046	45
8A-36		1B047	44
8A-36	33		
8A-37		1B048	43
8A-38		1B049	42
8A-39		1B050	41
8A-40		1B051	40
8A-41		1B052	39
8A-42		1B053	38
8A-43		1B054	37
8A-44		1B055	36
8A-45		1B056	35
8A-46		1B057	34
8A-47	34		
8A-48		1B058	33
8A-49		1B059	32
8A-50		1B060	31
8A-51		1B061	30
8A-52		1B062	29
8A-53		1B063	28
8A-54		1B064	27
8A-55		1B065	26
8A-56		1B066	25
8A-57		1B067	24
8A-58	35		
8A-59		1B068	23
8A-60		1B069	22
8A-61		1B070	21
8A-62		1B071	20
8A-63		1B072	19
8A-64		1B073	18
8A-65		1B074	17
8A-66		1B075	16
8A-67		1B076	15
8A-68		1B077	14
8A-69	36		
8A-70		1B078	13
8A-71	37		
8A-72	38		

SWR 101 Film; CS-18, 19

FILM DATA	
ROLL NO.	FILM TYPE
7A	104-06-04
7B	104-06-04
8A	104-06-04
6A	104-06-04
3	101-06-05

Table 2-1

FILM TRACEABILITY CHART

DATE 3-22-74 CAMERA P/N 36361-501 S/N B1/B003

ROLL NO.	CONTROL SAMPLE NO.	EXPOSURE NO.	FILM HOLDER NO.
7A-1	1		
7A-2	2		
7A-3	3		
7A-4	4		
7A-5		1B177	187
7A-6		1B176	186
7A-7		1B175	185
7A-8		1B174	184
7A-9		1B173	183
7A-10		1B172	182
7A-11		1B171	181
7A-12		1B170	180
7A-13		1B169	179
7A-14		1B168	178
7A-15	5		
7A-16		1B167	177
7A-17		1B166	176
7A-18		1B165	175
7A-19		1B164	174
7A-20		1B163	173
7A-21		1B162	172
7A-22		1B161	171
7A-23		1B160	170
7A-24		1B159	169
7A-25		1B158	168
7A-26	6		
7A-27		1B157	167
7A-28		1B156	166
7A-29		1B155	165
7A-30		1B154	164
7A-31		1B153	163
7A-32		1B152	162
7A-33		1B151	161
7A-34		1B150	160
7A-35		1B149	159
7A-36		1B148	158
7A-37	7		
7A-38		1B147	157
7A-39		1B146	156
7A-40		1B145	155
7A-41		1B144	154
7A-42		1B143	153
7A-43		1B142	152
7A-44		1B141	151
7A-45		1B140	150
7A-46		1B139	149
7A-47		1B138	148
7A-48	8		
7A-49		1B137	147
7A-50		1B136	146
7A-51		1B135	145
7A-52		1B134	144
7A-53		1B133	143
7A-54		1B132	142
7A-55		1B131	141
7A-56		1B130	140
7A-57		1B129	139
7A-58		1B128	138
7A-59	9		
7A-60		1B127	137
7A-61		1B126	136
7A-62		1B125	135
7A-63		1B124	134
7A-64		1B123	133
7A-65		1B122	132
7A-66		1B121	131
7A-67		1B120	130
7A-68		1B119	129
7A-69		1B118	128
7A-70	10		
7A-71		1B117	127
7A-72		1B116	126
7A-73		1B115	125
7A-74		1B114	124
7A-75		1B113	123
7A-76		1B112	122
7A-77		1B111	121
7A-78		1B110	120
7A-79		1B109	119
7A-80		1B108	118
7A-81	11		
7A-82	12		
7B-1	13		
7B-2	14		
7B-3	15		
7B-4	16		
7B-5		1B107	117
7B-6		1B106	116
7B-7		1B105	115
7B-8		1B104	114
7B-9		1B103	113
7B-10		1B102	112
7B-11		1B101	111
7B-12		1B100	110
7B-13		1B099	109
7B-14		1B098	108
7B-15	17		
7B-16		1B097	107
7B-17		1B096	106
7B-18		1B095	105
7B-19		1B094	104
7B-20		1B093	103
7B-21		1B092	102
7B-22		1B091	101
7B-23		1B090	1
7B-24		1B089	2
7B-25	20		
7B-26		1B088	3
7B-27		1B087	4
7B-28		1B086	5
7B-29		1B085	6
7B-30		1B084	7
7B-31		1B083	8
7B-32		1B082	9
7B-33		1B081	10
7B-34		1B080	11
7B-35		1B079	12
7B-36	21		
7B-37		1B178	188
7B-38		1B179	189
7B-39		1B180	190
7B-40		1B181	191
7B-41		1B182	192
7B-42		1B183	193
7B-43		1B184	194

ROLL NO.	CONTROL SAMPLE NO.	EXPOSURE NO.	FILM HOLDER NO.
7B-44		1B185	195
7B-45		1B186	196
7B-46		1B187	197
7B-47	22		
7B-48		1B188	198
7B-49		1B189	199
7B-50		1B190	200
7B-51		1B191	201
7B-52		1B192	100
7B-53		1B193	99
7B-54		1B194	98
7B-55		1B195	97
7B-56		1B196	96
7B-57	23		
7B-58		1B197	95
7B-59		1B198	94
7B-60		1B199	93
7B-61		1B200	92
6A-2		1B201	91
6A-3		1B001	90
101		1B002	89
7B-62		1B003	88
7B-63		1B004	87
7B-64		1B005	86
7B-65		1B006	85
7B-66		1B007	84
7B-67		1B008	83
7B-68	24		
7B-69		1B009	82
7B-70		1B010	81
7B-71		1B011	80
7B-72		1B012	79
7B-73		1B013	78
7B-74		1B014	77
7B-75		1B015	76
7B-76		1B016	75
7B-77		1B017	74
7B-78		1B018	73
7B-79	25		
7B-80	26		
8A-1	27		
8A-2	28		
8A-3	29		
8A-4	30		
8A-5		1B019	72
8A-6		1B020	71
8A-7		1B021	70
8A-8		1B022	69
8A-9		1B023	68
8A-10		1B024	67
8A-11		1B025	66
8A-12		1B026	65
8A-13		1B027	64
8A-14		1B028	63
8A-15	31		
8A-16		1B029	62
8A-17		1B030	61
8A-18		1B031	60
8A-19		1B032	59
8A-20		1B033	58
8A-21		1B034	57
8A-22		1B035	56
8A-23		1B036	55
8A-24		1B037	54
8A-25	32		
8A-26		1B038	53
8A-27		1B039	52
8A-28		1B040	51
8A-29		1B041	50
8A-30		1B042	49
8A-31		1B043	48
8A-32		1B044	47
8A-33		1B045	46
8A-34		1B046	45
8A-36		1B047	44
8A-36	33		
8A-37		1B048	43
8A-38		1B049	42
8A-39		1B050	41
8A-40		1B051	40
8A-41		1B052	39
8A-42		1B053	38
8A-43		1B054	37
8A-44		1B055	36
8A-45		1B056	35
8A-46		1B057	34
8A-47	34		
8A-48		1B058	33
8A-49		1B059	32
8A-50		1B060	31
8A-51		1B061	30
8A-52		1B062	29
8A-53		1B063	28
8A-54		1B064	27
8A-55		1B065	26
8A-56		1B066	25
8A-57		1B067	24
8A-58	35		
8A-59		1B068	23
8A-60		1B069	22
8A-61		1B070	21
8A-62		1B071	20
8A-63		1B072	19
8A-64		1B073	18
8A-65		1B074	17
8A-66		1B075	16
8A-67		1B076	15
8A-68		1B077	14
8A-69	36		
8A-70		1B078	13
8A-71	37		
8A-72	38		

SWR 101 Film; CS-18, 19

FILM DATA	
ROLL NO.	FILM TYPE
7A	104-06-04
7B	104-06-04
8A	104-06-04
6A	104-06-04
3	101-06-05

holders and two (2) taken at the end of the roll. Therefore, two (2) control samples could be used to bracket each ten (10) film holders in the event of any film degradation.

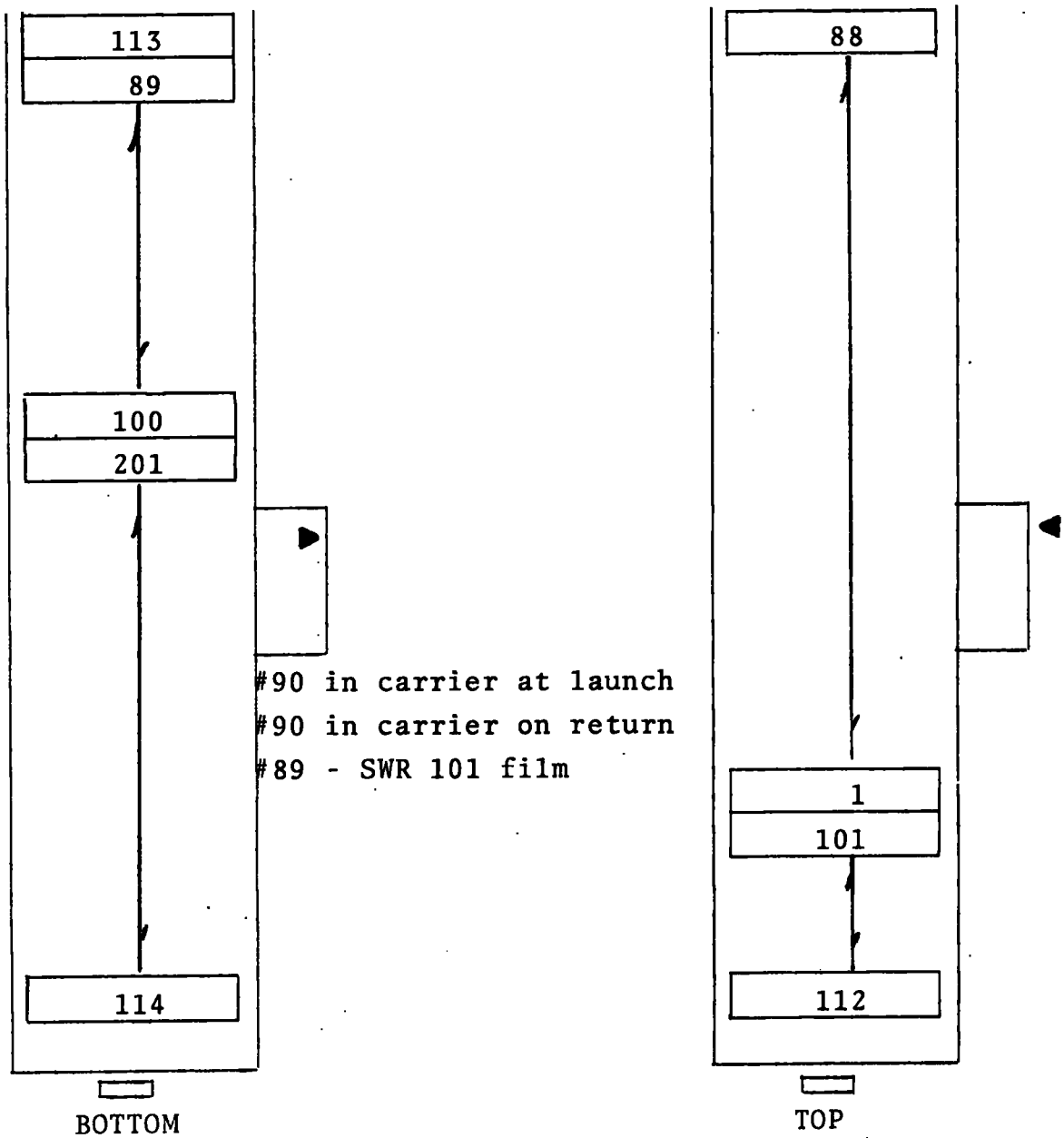
The block entitled "Film Data" at the bottom of Table 2-1 lists each roll of bulk film by number and type of film.

2.4 UNLOADING DATA

The cameras were flown to NRL after splashdown for unloading. The attached chart (see Table 2-2) shows the order in which the film holders were placed into the cassettes during the unloading operation. The film holder numbers can be traced to the loading data chart, Table 2-1, to cross reference exposure, roll and strip numbers.

The table (see Table 2-3) entitled "Developing" lists the exposure numbers and development control samples in the order in which they were developed. The development control samples are strips of film cut from the same type of film, although a different roll, to check the developing solutions, process, etc. For exposure information concerning these samples refer to the NRL McPherson Log. These samples do not relate to the control samples taken during loading. Regular development runs are numbered 1, 2, 3, etc., runs numbered A, B, etc. are preselected holders removed during unloading the camera to be developed prior to developing the complete camera load. These holders were not loaded into cassettes but were used to verify film position.

Table 2-2
Unloading Traceability Chart



Camera B-1/B003
Date 28 June 1973

Table 2-3
Developing

Camera Serial No. CM11A-003
Flight Load No. B-1

Run No.	Exposure Numbers	Dev. Control Sample		Date
	Upper Stack			
1	1B-002 thru 1B-041	MC4-3,4	MC5-1,2	7/9/73
2	1B-042 thru 1B-081	MC4-5,6	MC5-3,4	7/9/73
3	1B-082 thru 1B-102	MC4-7,8	MC5-5,6	7/9/73
	Lower Stack			
3	1B-103			7/9/73
	1B-001			
	1B-201 thru 1B-183			
4	1B-182 thru 1B-143	MC4-9,10	MC5-7,8	7/9/73
5	1B-142 thru 1B-104	MC4-11,12	MC5-9,10	7/9/73
		NOTE:		
		MC4-3 = McPherson Run #4, Strip #3		

2.5 CAMERA HISTORY

The camera Life History consists of an historical record (see Table 2-4) of the camera from the beginning of its production functional testing to the period of crew compartment fit function (C^2F^2) testing.

Operating Cycles

Column No. 1 identifies total operating cycles and starts with the initiation of production functional tests. This is the point where the camera has become an assembled and adjusted end item. For both cameras the number of cycles relates to the number of film holders transferred from the upper level to the lower level. The number of film exposures for the S082B camera is acquired by multiplying this number by eight.

Column No. 2 identifies the number of operating cycles since the last major relubrication was performed per maintenance specification 37102 (S082A) and 37103 (S082B).

Column No. 3 identifies the number of operating cycles since the last lubrication of an area exhibiting a failure condition possibly related to lubrication wearout.

Type of Lubrication on Failure Area

Various process specifications are identified in this column with most being BBRC proprietary processes. Brief descriptions of each are as follows:

No.	Description
NPI 425	Dry film, polyimide bonded lubricant - a proprietary process of National Process Industries. It is the same as Midwest Research's MLR-2 lubricant.
BMS 18.20	Slurry of molybdenum disulfide (MoS_2) in volatile solvents - generally applied when specified by maintenance documents 37102 and 37103 and then burnished by cycling the camera approximately 50 cycles.
BPS 18.02 or 18.06	Burnished coating of MoS_2 (mechanical adhesion only).
BPS 18.07	BBRC's equivalent of MLR-2 polyimide, dry lubricant coating.
SPS 18.09	Relubrication procedure - special process for sequencing the use of BPS 18.06 and 18.07 to lubricate film camera peculiar parts. Implemented in the 37102 and 37103 documents.

Table 2-4

S/N B-003
Film Camera Life History

CAMERA SER. NO. B003

Date	Test Location	Test Description	Nonconf. Rpt No.	Failure Mode	Failure Cause	Failure Corrective Action	Operating Cycles 1	2	3	Type of Lubrication on Failure Area	Environment	Camera Configuration	Remarks
01/21/71	BBRC	Flight Instrument Alignment					1167				Vacuum less than 1 x 10^{-5} torr.	23814 Rev AG	
02/18/71	BBRC	Evaluate Film Holders & Conformance to Carrier Focal Surface	26478	Improper holder latching & motor heating	Motor side lower claw & link assy do not operate smooth - observed abrasion in slot of index latch.	Applied MoS_2 to slot in index latch to achieve smooth operation.	1270		1270	MoS_2 per BMS 18.20.	Ambient clean room.		
					Shorted resistor on breadboard electronics used to drive camera.	Performed complete electrical checkout of motor - no identified damage. Repaired driver electronics.							
04/07/71	BBRC	Flight Instrument Acceptance	26660	Motor skips	Unknown	Open NMR	1623				Thermal Vac +15 to 125°F less than 1 x 10^{-5} torr		This is the master camera that the "B" Flight Instrument is focused to. All "B" Cameras will be compared to this master after carrier modification.
08-24-71		Flight Instrument Testing					2137						
Revision B, dated 9 June 1972													
8/24/71 6/13/72	BBRC	Storage					2137				Ambient clean room		Master camera for relating focal plane of S-082B flight instrument.
Revision C dated 15 February, 1973													
06-14-72 06-28-72	BBRC	Storage					2137				Ambient Clean Room		

CAMERA SER. NO. B003

Date	Test Location	Test Description	Nonconf. Rpt No.	Failure Mode	Failure Cause	Failure Corrective Action	Operating Cycles 1	2	3	Type of Lubrication on Failure Area	Environment	Camera Configuration	Remarks
06-29-72	BBRC	30576 Sec. 8.2.	NMR 27411				2137				Ambient Clean Room		Due to possible problems associated with focal Plane measurements as identified by waiver # 96, this test was run.
06-30-72 08-01-72	BBRC	Storage					2137				Ambient Clean Room		
08-18-72 08-23-72	BBRC		NMR 27458	Damaged Wire	Poor Wire Routing	Repair wire and Reroute					Ambient Clean Room		
08-01-72 10-01-72	BBRC	Refurbish-ment	NMR 27453			1. Rework parts to latest configuration 2. Replace Links 23667 3. Relube where needed 4. Replace shutter stops 5. Replace 35084-15 bearings 2 places--bearings seem rough 6. Replace switch S-3 twice 7. Replace 36396-1 front transfer lever - follower bearings feel rough 8. Install shims between cap and body of solenoid to give more solenoid travel							During Refurbishment an extensive investigation was performed to find methods of reducing friction and evaluating adjustments.
10-02-72 10-13-72	BBRC	30573	NMR 27428	1. Failed Para. 8.3.2.3.d Para. 8.3.2.3.e Apex Meas. 2. Long Drive Times		1. Reset Apex 2. Rework 40 789-1 Cam							2. Long Drive Times submitted as Waiver #WO100.

CAMERA SER. NO. B003

Date	Test Location	Test Description	Nonconf. Rpt No.	Failure Mode	Failure Cause	Failure Corrective Action	Operating Cycles 1	2	3	Type of Lubrication on Failure Area	Environment	Camera Configuration	Remarks
				3. Thermal Vacuum Chamber went out of tol. 4. Excessive Contamination		3. Use as is. 4. Use as is for now. To be cleaned during Pre-Flight Preps.							3. Waiver #W099
10-13-72 10-16-72	BBRC	Final Acceptance Testing					3482						
10-17-72 12-06-72	KSC	Support Flight Instrument		None			3497				Ambient Clean Room		
12-08-72	BBRC	Storage					3497				Ambient Clean Room		

3.0 DIODE ARRAY DATA

The diode array was located immediately adjacent to the camera mounting plate and consisted of a light emitting diode array and a lens assembly. The diode array system projected binary coded decimal time onto the film chip for exposures of 0.25 second or longer. Twenty-five bits of time-of-day data were recorded at shutter close. NRL developed the film chips, decoded and stored the data and produced a computer printout. BBRC assisted by editing the computer printout.

The time-of-day recorded by the diode array is mission elapsed time (MET) and is furnished by an ATM on-board computer. This computer time varied from Greenwich Mean Time (GMT) by as much as a few seconds and, therefore, required periodic updates by ground command. These updates are listed in NASA MSFC Memorandum MO-I-35-74, Subject: ATMDC Timer Updates, dated March 26, 1974.

STRIP NR	Strip Number
DOY	Day of Year
HR/MN/SEC	Time at shutter opening (Mission Elapsed Time)
EXP TIME	Duration of Exposure

Pitch and yaw are in arc seconds.

Roll is in arc minutes.

Off - Pointing Reference System Limb Offset in arc seconds (minus sign) - which indicates on disc. Fifty (50) indicates PRS is off or in WL display state.

The reading errors were made with no symbol to denote change. The errors that have been found to be diode array errors are marked with a $ symbol. An exception to this symbol is that the minus (-) offset errors are corrected with a plus (+) and will be the only plus marks found in the log.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
MARSHALL SPACE FLIGHT CENTER, ALABAMA 35812

REPLY TO ATTN OF: MO-I-35-74

March 26, 1974

TO: Distribution

FROM: MO-I/Harvey Golden

SUBJECT: ATMDC Timer Updates

Enclosed is a list of ATMDC timer updates. These updates were taken from the MDRS Position Log at JSC. Although some of this information is difficult to decipher, it seems to be the best source available on timer updates. If questions arise concerning the list they should be directed to Steve Bales of the Flight Computer Section (483-3421) at JSC and discussed with someone who manned the ASCO position during the Skylab Mission. I have included a copy of the MDRS Position Log for your information.

ATMDC Timer Updates (Onboard Time)

Timer B was used in the beginning of the mission until DOY 154 when ATMDC switchover occurred. Timer A was used for the remainder of the mission except for DOY 157 when ASCO tried the Timer B again. Below is a list of clock updates and explanation as well as can be deciphered from the MDRS Position Log. These times were provided to MDRS by ASCO as he completed each timer update. All Delta updates are negative values.

2

GMT OF CLOCK RESET	ZERO SET TIME	DELTA UPDATE	COMMENTS
144:02:05:10.000	134:00:00:00.000	-11 Sec	Timer B update
148:07:40:00.0	-	-11 Sec	Timer B update
154:12:22:10.749	134:00:00:00.000	-4 Sec	Timer A update over HSK
157:01:50:00	133:23:59:44.780	-	Timer B selected
157:03:33:00	-	-18 Sec	Timer B update
157:04:09:00	-	-	Timer A selected
160:16:38:00	133:23:59:55.876	-	Changed from a timer in primary computer to a timer in secondary computer that was driven by Timer B.
162:17:16:44	-	-4 Sec	Timer A update
178:19:07:00	178:19:07:00	-4 Sec	Timer A update
189:16:02:00	134:00:00:00.401	-3 Sec	Timer A update
198:00:00:00	064:00:00:00	-	64 day clock rollover
197:23:59:57	-	-3 Sec	Timer A update over GDS
205:19:43:49	-	-3 Sec	Timer A update
219:06:13:33	198:00:00:01.553	-5 Sec	Timer A update
230:16:44:47	-	-4 Sec	Timer A update
246:01:38:00	-	-4 Sec	Timer A update
256:04:50:50	198:00:00:00.301	-3 Sec	Timer A update
267:03:17:21.277	262:00:00:01.277	-4 Sec	Timer A update
280:04:45:20.988	262:00:00:00.988	-4 Sec	Timer A update
288:07:30:00	-	-3 Sec	Timer A update
297:07:25:53	262:00:00:01.168	-3 Sec	Timer A update
306:16:10:50	262:00:00:00.775	-3 Sec	Timer A update
316:22:35:43	054:22:35:43	-3 Sec	Timer A update
326:00:00:00	000:00:00:00	-	Timer Reset
331:04:09:47	326:00:00:00.101	-3 Sec	Timer A update
342:10:29:02	-	-3 Sec	Timer A update
353:04:27:09	027:04:27:09	-3 Sec	Timer A update
367:02:51:20	041:02:51:20	-3 Sec	Timer A update
388:04:06:00	062:04:06:00	-3 Sec	Timer A update
390:00:00:01.911	008:19:30:51.249	-4 Sec	Timer A update

for Harvey Golden

Enclosure

STRIP	NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B	1-1	149	20/ 3/26.25	2.50	-856.	-66.	-10786.	50.	0101
1B	1-2	149	20/ 3/30.75	0.25	-856.	-66.	-10786.	50.	0101
1B	1-3	149	20/ 3/32.75	10.00	-856.	-66.	-10786.	50.	0101
1B	1-4	149	20/ 3/44.50	1.25	-856.	-66.	-10786.	50.	0101
1B	1-5	149	20/ 3/47.75	40.00	-856.	-66.	-10786.	50.	0101
1B	1-6	149	20/ 4/29.50	5.00	-856.	-66.	-10786.	50.	0101
1B	1-7	149	20/ 4/36.25	160.00	-856.	-66.	-10786.	50.	0101
1B	1-8	149	20/ 7/18.00	20.00	-856.	-66.	-10786.	50.	0101
1B	2-1	150	0/ 8/ 2.00	0.25	-135.	-231.	-4585.	50.	0101
1B	2-2	150	0/ 8/ 4.00	2.50	-135.	-231.	-4585.	50.	0101
1B	2-3	150	0/ 8/ 8.50	1.25	-135.	-231.	-4585.	50.	0101
1B	2-4	150	0/ 8/11.50	10.00	-135.	-231.	-4585.	50.	0101
1B	2-5	150	0/ 8/23.25	5.00	-135.	-231.	-4585.	50.	0101
1B	2-6	150	0/ 8/30.00	40.00	-135.	-231.	-4585.	50.	0101
1B	2-7	150	0/ 9/11.75	20.00	-135.	-231.	-4585.	50.	0101
1B	2-8	150	0/ 9/33.50	160.00	-135.	-231.	-4585.	50.	0101
1B	3-1	150	0/28/24.25	2.50	290.	-496.	-5432.	50.	0101
1B	3-2	150	0/28/28.50	0.25	290.	-496.	-5432.	50.	0101
1B	3-3	150	0/28/30.75	10.00	290.	-496.	-5432.	50.	0101
1B	3-4	150	0/28/42.50	1.25	290.	-496.	-5432.	50.	0101
1B	3-5	150	0/28/45.50	40.00	290.	-496.	-5432.	50.	0101
1B	3-6	150	0/29/27.50	4.50	290.	-496.	-5432.$	50.	0101
1B	3-7	150	0/29/34.25	159.75	290.	-496.	-5432.	50.	0101
1B	3-8	150	0/32/16.00	19.75	290.	-496.	-5432.	50.	0101
1B	4-1	150	2/10/ 2.00	0.25	720.	347.	-10109.	50.	0101
1B	4-2	150	2/10/ 4.00	2.50	720.	347.	-10109.	50.	0101
1B	4-3	150	2/10/ 8.50	1.25	720.	347.	-10109.	50.	0101
1B	4-4	150	2/10/11.50	10.00	720.	347.	-10109.	50.	0101
1B	4-5	150	2/10/23.25	5.00	720.	347.	-10109.	50.	0101
1B	4-6	150	2/10/30.25	40.00	720.	347.	-10109.$	50.	0101
1B	4-7	150	2/11/12.00	19.75	720.	347.	-10109.	50.	0101
1B	4-8	150	2/11/33.75	159.75	720.	347.	-10109.	50.	0101
1B	5-1	150	14/47/22.25	2.50	740.	-29.	9664.	50.	0101
1B	5-2	150	14/47/26.50	0.50	740.	-29.	9664.	50.	0101
1B	5-3	150	14/47/28.75	10.00	740.	-29.	9664.	50.	0101
1B	5-4	150	14/47/40.50	1.25	740.	-30.	9664.	50.	0101
1B	5-5	150	14/47/43.75	40.00	740.	-29.	9664.	50.	0101
1B	5-6	150	14/48/25.50	5.00	740.	-29.	9664.	50.	0101
1B	5-7	150	14/48/32.25	160.00	740.	-29.	9664.	50.	0101
1B	5-8	150	14/51/14.00	20.00	740.	-29.	9664.	50.	0101

STRIP	NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B	6-1	150	15/36/32.75	0.25	-672.	-114.	9839.	50.	0101
1B	6-2	150	15/36/34.75	2.50	-672.	-114.	9839.	50.	0101
1B	6-3	150	15/36/39.25	0.75	-672.	-114.	9839.	50.	0101
1B	6-4	150	15/36/42.25	10.00	-672.	-114.	9839.	50.	0101
1B	6-5	150	15/36/54.00	5.00	-672.	-114.	9839.	50.	0101
1B	6-6	150	15/37/ 0.75	40.00	-672.	-114.	9840.	50.	0101
1B	6-7	150	15/37/42.50	20.00	-672.	-114.	9840.	50.	0101
1B	6-8	150	15/38/ 4.25	160.00	-672.	-114.	9840.	50.	0101
1B	7-1	150	15/47/18.00	2.50	-634.	-109.	9735.	50.	0101
1B	7-2	150	15/47/22.25	0.25	-634.	-109.	9735.	50.	0101
1B	7-3	150	15/47/24.50	10.00	-634.	-109.	9735.	50.	0101
1B	7-4	150	15/47/36.25	1.25	-634.	-109.	9735.	50.	0101
1B	7-5	150	15/47/39.25	40.00	-634.	-109.	9735.	50.	0101
1B	7-6	150	15/48/21.25	5.00	-634.	-109.	9735.$	50.	0101
1B	7-7	150	15/48/28.00	160.00	-634.	-109.	9734.	50.	0101
1B	7-8	150	15/51/ 9.75	20.00	-634.	-109.	9734.	50.	0101
1B	8-1	150	15/53/39.25	0.50	-609.	-109.	9734.	50.	0101
1B	8-2	150	15/53/41.50	2.50	-609.	-109.	9734.	50.	0101
1B	8-3	150	15/53/46.00	1.25	-609.	-109.	9734.	50.	0101
1B	8-4	150	15/53/49.25	10.00	-609.	-109.	9734.	50.	0101
1B	8-5	150	15/54/ 1.25	5.00	-609.	-109.	9734.	50.	0101
1B	8-6	150	15/54/ 8.00	40.00	-609.	-109.	9734.	50.	0101
1B	8-7	150	15/54/49.75	20.00	-609.	-109.	9734.	50.	0101
1B	8-8	150	15/55/11.50	160.25	-609.	-109.	9734.	50.	0101
1B	9-1	150	17/11/52.50	2.50	-202.	-410.	-5640.	50.	0101
1B	9-2	150	17/11/57.00	0.25	-202.	-410.	-5641.	50.	0101
1B	9-3	150	17/11/59.00	10.00	-202.	-410.	-5641.$	50.	0101
1B	9-4	150	17/12/10.75	1.25	-202.	-410.	-5641.	50.	0101
1B	9-5	150	17/12/14.00	40.00	-202.	-410.	-5641.	50.	0101
1B	9-6	150	17/12/55.75	5.00	-202.	-410.	-5641.	50.	0101
1B	9-7	150	17/13/ 2.50	160.00	-202.	-410.	-5641.	50.	0101
1B	9-8	150	17/15/44.25	20.00	-202.	-410.	-5640.	50.	0101
1B	10-1	150	17/29/43.25	0.25	-202.	-410.	-5641.	50.	0101
1B	10-2	150	17/29/45.50	2.50	-202.	-410.	-5641.	50.	0101
1B	10-3	150	17/29/49.75	1.25	-202.	-410.	-5641.	50.	0101
1B	10-4	150	17/29/52.75	10.00	-202.	-410.	-5641.	50.	0101
1B	10-5	150	17/30/ 4.75	5.00	-202.	-410.	-5641.	50.	0101
1B	10-6	150	17/30/11.50	40.00	-202.	-410.	-5641.	50.	0101
1B	10-7	150	17/30/53.25	19.75	-202.	-410.	-5641.	50.	0101
1B	10-8	150	17/31/15.00	160.00	-202.	-410.	-5641.	50.	0101

STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B 11-1	150	17/51/41.00	40.25	375.	355.	10789.	50.	0001
1B 11-2	150	17/53/ 1.00	5.50	440.	281.	10789.	50.	0001
1B 11-3	150	19/ 0/59.75	0.25	480.	-491.	-4259.	50.	0101
1B 11-4	150	19/ 1/ 2.00	2.00	480.	-491.	-4259.	50.	0101
1B 11-5	150	19/ 1/ 6.25	1.25	480.	-491.	-4259.	50.	0101
1B 11-6	150	19/ 1/ 9.25	10.00	480.	-491.	-4259.	50.	0101
1B 11-7	150	19/ 1/21.00	5.00	480.	-491.	-4259.	50.	0101
1B 11-8	150	19/ 1/27.75	40.00	480.	-491.	-4259.	50.	0101
1B 12-1	150	19/ 2/11.50	20.00	480.	-491.	-4259.	50.	0101
1B 12-2	150	19/ 2/33.25	160.00	480.	-491.	-4258.	50.	0101
1B 12-3	150	19/10/47.75	2.50	671.	44.	-1344.	50.	0101
1B 12-4	150	19/10/52.00	0.25	671.	44.	-1344.	50.	0101
1B 12-5	150	19/10/54.00	10.00	671.	44.	-1344.	50.	0101
1B 12-6	150	19/11/ 6.00	1.25	671.	44.	-1344.	50.	0101
1B 12-7	150	19/11/ 9.00	40.00	671.	44.	-1344.	50.	0101
1B 12-8	150	19/11/50.75	5.00	671.	44.	-1344.	50.	0101
1B 13-1	150	19/11/59.50	159.75	671.	44.	-1342.	50.	0101
1B 13-2	150	19/14/41.25	19.75	671.	44.	-1342.	50.	0101
1B 13-3	150	19/18/ 0.25	0.50	639.	22.	-1341.	50.	0101
1B 13-4	150	19/18/ 2.25	2.50	639.	22.	-1341.	50.	0101
1B 13-5	150	19/18/ 6.50	0.00$	639.	22.	-1342.	50.	0101
1B 13-6	150	19/18/ 9.75	10.00	639.	22.	-1341.	50.	0101
1B 13-7	150	19/18/21.50	5.00	639.	22.	-1341.	50.	0101
1B 13-8	150	19/18/28.25	40.00	639.	22.	-1341.	50.	0101
1B 14-1	150	19/19/12.00	19.75	639.	22.	-1341.	50.	0101
1B 14-2	150	19/19/33.75	159.75	639.	22.	-1341.	50.	0101
1B 14-3	150	19/26/44.50	2.50	-917.	25.	10718.	50.	0101
1B 14-4	150	19/26/48.75	0.25	-917.	25.	10718.	50.	0101
1B 14-5	150	19/26/50.75	9.25*	-917.	25.	10720.	50.	0101
1B 14-6	150	19/27/ 2.75	1.25	-917.	25.	10720.	50.	0101
1B 14-7	150	19/27/ 5.75	40.00	-917.	25.	10720.	50.	0101
1B 14-8	150	19/27/47.50	5.00	-917.	25.	10720.	50.	0101
1B 15-1	150	19/27/56.25	6.00	-814.	252.	10719.	50.	0101
1B 15-2	150	19/29/29.00	0.25	-917.	4.	10719.	50.	0011
1B 15-3	150	19/29/29.50	1.25	-917.	4.	10719.	50.	0011
1B 15-4	150	19/29/31.00	5.00	-917.	4.	10719.	50.	0011
1B 15-5	150	19/29/36.25	20.00	-917.	4.	10719.	50.	0011
1B 15-6	150	19/29/56.50	0.25	-917.	4.	10719.	50.	0011
1B 15-7	150	19/29/57.00	1.25	-917.	4.	10719.	50.	0011
1B 15-8	150	19/29/58.25	4.75	-917.	4.	10719.	50.	0011

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B 16-1	150	19/30/ 5.50	20.00	-917.	4.	10719.	50.	0011
1B 16-2	150	19/30/27.25	0.00	-917.	4.	10719.	50.	0011
1B 16-3	150	19/30/27.50	0.75	-917.	4.	10719.	50.	0011
1B 16-4	150	19/30/28.25	2.50	-917.	4.	10719.	50.	0011
1B 16-5	150	19/30/31.00	10.00	-917.	4.	10720.	50.	0011
1B 16-6	150	19/30/42.75	0.25	-917.	4.	10720.	50.	0011
1B 16-7	150	19/30/43.25	1.25	-917.	4.	10720.	50.	0011
1B 16-8	150	19/30/44.75	5.00	-917.	4.	10719.	50.	0011
1B 17-1	150	19/30/51.75	20.00	-917.	4.	10719.$	50.	0011
1B 17-2	150	19/31/12.00	0.25	-917.	4.	10719.	50.	0011
1B 17-3	150	19/31/12.50	1.25	-917.	4.	10719.	50.	0011
1B 17-4	150	19/31/14.00	5.00	-917.	4.	10719.	50.	0011
1B 17-5	150	19/31/19.00	20.00	-917.	4.	10719.	50.	0011
1B 17-6	150	19/31/41.00	0.00	-917.	4.	10719.	50.	0011
1B 17-7	150	19/31/41.25	0.00$	-917.	4.	10719.	50.	0011
1B 17-8	150	19/31/42.00	2.50	-917.	4.	10719.	50.	0011
1B 18-1	150	19/31/46.50	10.00	-917.	4.	10719.	50.	0011
1B 18-2	150	19/31/58.25	1.25	-917.	4.	10719.	50.	0011
1B 18-3	150	19/31/59.75	5.00	-917.	4.	10719.	50.	0011
1B 18-4	150	19/32/ 5.00	20.00	-917.	4.	10720.	50.	0011
1B 18-5	150	19/32/25.25	80.00	-917.	4.	10719.	50.	0011
1B 18-6	150	19/33/47.25	0.00	-917.	4.	10719.	50.	0011
1B 18-7	150	19/33/47.50	0.50	-917.	4.	10719.	50.	0011
1B 18-8	150	19/33/48.25	2.50	-917.	4.	10720.	50.	0011
1B 19-1	150	19/33/52.75	10.00	-917.	4.	10720.	50.$	0011
1B 19-2	151	1/27/ 2.25	1.75*	-437.	-565.	-9025.	50.	0101
1B 19-3	151	1/27/ 6.75	0.25	-437.	-565.	-9025.	50.	0101
1B 19-4	151	1/27/ 9.00	9.00*	-437.	-565.	-9025.$	50.	0101
1B 19-5	151	1/27/20.75	1.25	-437.	-565.	-9025.	50.	0101
1B 19-6	151	1/27/23.75	40.00	-437.	-565.	-9025.	50.	0101
1B 19-7	151	1/28/ 5.50	5.00	-437.	-565.	-9025.	50.	0101
1B 19-8	151	1/28/12.50	159.75	-437.	-565.	-9025.	50.	0101
1B 20-1	151	1/30/56.00	20.00	-437.	-565.	-9025.	50.	0101
1B 20-2	151	16/38/11.50	0.50	-947.	1.	-10669.	-12.	1001
1B 20-3	151	16/38/13.75	2.50	-947.	1.	-10669.	-12.	1001
1B 20-4	151	16/38/18.00	1.25	-947.	1.	-10669.	-12.	1001
1B 20-5	150	16/38/21.25	9.75	-947.	1.	-10669.	-12.	1001
1B 20-6	151	16/38/33.00	5.00	-947.	1.	-10669.	-11.	1001
1B 20-7	151	16/38/39.75	40.00	-947.	1.	-10669.	-12.	1001
1B 20-8	151	16/39/21.50	20.00	-947.	1.	-10669.	-12.	1001

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B 21-1	151	16/39/45.00	160.00	-947.	1.	-10669.	-12.	1001
1B 21-2	151	16/42/26.75	0.50	-947.	1.	-10669.	-4.	1001
1B 21-3	151	16/42/29.00	2.50	-947.	1.	-10669.	-4.	1001
1B 21-4	151	16/42/33.25	1.25	-947.	1.	-10669.	-4.	1001
1B 21-5	151	16/42/36.50	10.00	-947.	1.	-10669.	-3.	1001
1B 21-6	151	16/42/48.25	5.00	-947.	1.	-10669.	-4.	1001
1B 21-7	151	16/42/55.00	40.00	-947.	1.	-10669.	-4.	1001
1B 21-8	151	16/43/36.75	20.00	-947.	1.	-10669.	-3.	1001
1B 22-1	151	16/44/ 0.25	160.00	-947.	1.	-10669.	-4.	1001
1B 22-2	150	16/46/42.00	0.50	-947.	1.	-10669.	-2.	1001
1B 22-3	151	16/46/44.25	2.50	-947.	1.	-10669.	-2.	1001
1B 22-4	151	16/46/48.50	1.25	-947.	1.	-10669.	-2.	1001
1B 22-5	151	16/46/51.75	10.00	-947.	1.	-10669.	-1.	1001
1B 22-6	151	16/47/ 3.50	5.00	-947.	1.	-10669.	-2.	1001
1B 22-7	151	16/47/10.25	40.00	-947.	1.	-10669.	-2.	1001
1B 22-8	151	16/47/52.00	20.00	-947.	1.	-10669.	-2.	1001
1B 23-1	151	16/48/15.75	159.75	-947.	1.	-10669.	-2.	1001
1B 23-2	151	16/50/57.50	0.25	-947.	1.	-10669.$	0.	1001
1B 23-3	151	16/50/59.50	2.50	-947.	1.	-10669.	0.	1001
1B 23-4	151	16/51/ 4.00	1.25	-947.	1.	-10669.	0.	1001
1B 23-5	151	16/51/ 7.00	10.00	-947.	1.	-10669.	0.	1001
1B 23-6	151	16/51/18.75	5.00	-947.	1.	-10669.	0.	1001
1B 23-7	151	16/51/25.50	40.00	-947.	1.	-10669.	0.	1001
1B 23-8	151	16/52/ 7.25	20.00	-947.	1.	-10671.	0.	1001
1B 24-1	151	16/52/31.00	159.00*	-947.	1.	-10669.	0.	1001
1B 24-2	151	16/55/12.75	2.50	-947.	1.	-10668.	+2.	1001
1B 24-3	151	16/55/17.00	10.00	-947.	1.	-10669.	+2.	1001
1B 24-4	151	16/55/28.75	9.25*	-947.	1.	-10669.	+2.	1001
1B 24-5	151	16/55/40.75	40.00	-947.	1.	-10669.	+2.	1001
1B 24-6	151	16/56/22.50	40.00	-947.	1.	-10669.	+2.	1001
1B 24-7	151	16/57/ 4.25	160.00	-947.	1.	-10669.	2.	1001
1B 24-8	151	16/59/46.25	159.75	-947.	1.	-10669.	+2.	1001
1B 25-1	151	17/ 2/29.75	640.00	-947.	1.	-10669.	+3.	1001
1B 25-2	151	17/13/11.50	2.50	-947.	1.	-10668.	4.	1001
1B 25-3	151	17/13/16.00	10.00	-947.	1.	-10669.	4.	1001
1B 25-4	151	16/13/27.75	10.00	-947.	1.	-10669.	+5.	1001
1B 25-5	151	17/13/39.50	40.00	-947.	1.	-10668.	4.	1001
1B 25-6	151	17/14/21.25	40.00	-947.	1.	-10669.	+4.	1001
1B 25-7	151	17/15/ 3.25	105.75	-947.	1.	-10669.	4.	1001
1B 25-8	151	18/ 0/ 7.75	159.75	-950.	0.	-10669.$	3.	1001

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B 26-1	151	18/ 2/51.25	640.00	-950.	0.	-10668.	6.$	1001
1B 26-2	151	18/13/33.00	2.50	-950.	0.	-10668.	6.	1001
1B 26-3	151	18/13/37.25	10.00	-950.	0.	-10668.	6.	1001
1B 26-4	151	18/13/49.00	10.00	-950.	0.	-10668.	5.	1001
1B 26-5	151	18/14/ 1.00	40.00	-950.	0.	-10668.	6.	1001
1B 26-6	151	18/14/42.75	40.00	-950.	0.	-10668.	5.	1001
1B 26-7	151	18/15/24.50	160.00	-950.	0.	-10668.	6.	1001
1B 26-8	151	18/18/ 6.00	160.25	-950.	0.	-10669.	5.	1001
1B 27-1	151	18/20/50.00	638.00*	-950.	0.	-10668.	5.	1001
1B 27-2	151	18/31/31.75	2.50	-950.	0.	-10668.	8.	1001
1B 27-3	151	18/31/36.00	10.00	-950.	0.	-10669.	8.	1001
1B 27-4	151	18/31/48.00	8.00*	-950.	0.	-10668.	8.	1001
1B 27-5	151	18/31/59.75	40.00	-950.	0.	-10669.	8.	1001
1B 27-6	151	18/32/41.50	40.00	-950.	0.	-10668.	8.	1001
1B 27-7	151	18/33/23.25	160.00	-950.	0.	-10668.	7.	1001
1B 27-8	151	18/36/ 5.25	159.75	-950.	0.	-10668.	8.	1001
1B 28-1	151	18/38/48.75	640.00	-950.	0.	-10669.	7.	1001
1B 28-2	151	18/49/30.50	4.00	-950.	0.	-10668.	11.	1001
1B 28-3	151	18/49/36.25	16.00	-950.	0.	-10668.	12.	1001
1B 28-4	151	18/49/54.25	16.00	-950.	0.	-10668.	11.	1001
1B 28-5	151	18/50/12.00	64.00	-950.	0.	-10668.	11.	1001
1B 28-6	151	18/51/17.75	8.00	-950.	0.	-10668.	12.	1001
1B 28-7	151	19/54/26.00	0.25	-762.	-267.	-10522.	50.	0101
1B 28-8	151	19/54/28.00	2.50	-762.	-267.	-10522.	50.	0101
1B 29-1	151	19/54/34.25	1.25	-762.	-267.	-10522.	50.	0101
1B 29-2	151	19/54/37.50	10.00	-762.	-267.	-10522.	50.	0101
1B 29-3	151	19/54/49.25	5.00	-762.	-267.	-10522.	50.	0101
1B 29-4	151	19/54/56.00	40.00	-762.	-267.	-10522.	50.	0100
1B 29-5	151	19/55/38.00	19.75	-762.	-267.	-10522.	50.	0101
1B 29-6	151	19/55/59.50	160.00	-762.	-267.	-10522.	50.	0101
1B 29-7	151	20/ 2/40.25	2.50	-734.	-296.	-10522.	50.	0101
1B 29-8	151	20/ 2/44.75	0.25	-734.	-296.	-10522.	50.	0101
1B 30-1	151	20/ 2/48.50	10.00	-734.	-296.	-10522.	50.	0101
1B 30-2	151	20/ 3/ 0.50	1.25	-734.	-296.	-10522.	50.	0101
1B 30-3	151	20/ 3/ 3.50	40.00	-734.	-296.	-10522.	50.	0101
1B 30-4	151	20/ 3/45.25	5.00	-734.	-296.	-10522.	50.	0101
1B 30-5	151	20/ 3/52.00	160.00	-734.	-296.	-10521.	50.	0101
1B 30-6	151	20/ 6/33.75	20.00	-734.	-296.	-10522.	50.	0101
1B 30-7	151	21/ 7/ 2.25	0.25	-326.	552.	8490.	50.	0101
1B 30-8	151	21/ 7/ 4.25	2.50	-326.	552.	8490.	50.	0101

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B 31-1	151	21/ 7/10.50	1.25	-326.	552.	8490.	50.	0101
1B 31-2	151	21/ 7/13.50	10.00	-326.	552.	8490.	50.	0101
1B 31-3	151	21/ 7/25.25	5.00	-326.	552.	8490.	50.	0101
1B 31-4	151	21/ 7/32.00	40.00	-326.	552.	8490.	50.	0101
1B 31-5	151	21/ 8/14.00	19.75	-326.	552.	8490.	50.	0101
1B 31-6	151	21/ 8/35.75	159.75	-326.	552.	8490.	50.	0101
1B 31-7	151	21/26/25.50	2.50	19.	-679.	-4046.	50.	0101
1B 31-8	151	21/26/29.75	0.25	19.	-679.	-4046.$	50.	0101
1B 32-1	151	21/26/33.75	10.00	19.	-679.	-4046.	50.	0101
1B 32-2	151	21/26/45.50	1.25	19.	-679.	-4046.	50.	0101
1B 32-3	151	21/26/48.75	39.75	19.	-679.	-4046.	50.	0101
1B 32-4	151	21/27/30.50	5.00	19.	-679.	-4046.	50.	0101
1B 32-5	151	21/27/37.25	160.00	19.	-679.	-4046.	50.	0101
1B 32-6	151	21/30/19.00	20.00	19.	-679.	-4046.	50.	0101
1B 32-7	152	0/30/27.00	0.00	-350.	481.	-4538.	50.	0101
1B 32-8	152	0/30/29.25	2.25	-350.	481.	-4538.	50.	0101
1B 33-1	152	0/33/26.00	2.50	455.	261.	-10718.	50.	0101
1B 33-2	152	0/33/30.25	0.25	455.	261.	-10718.	50.	0101
1B 33-3	152	0/33/32.25	10.00	455.	261.	-10718.	50.	0101
1B 33-4	152	0/33/44.25	1.25	455.	261.	-10718.	50.	0101
1B 33-5	152	0/33/47.25	40.00	455.	261.	-10718.	50.	0101
1B 33-6	152	0/34/29.00	5.00	455.	261.	-10718.	50.	0101
1B 33-7	152	0/34/35.75	160.00	455.	261.	-10718.	50.	0101
1B 33-8	152	0/37/17.50	20.00	455.	261.	-10718.	50.	0101
1B 34-1	152	0/44/27.75	0.25	540.	-76.	8855.	50.	0101
1B 34-2	152	0/44/29.75	2.50	540.	-76.	8855.	50.	0101
1B 34-3	152	0/44/34.25	1.25	540.	-76.	8855.	50.	0101
1B 34-4	152	0/44/37.25	10.00	540.	-76.	8855.	50.	0101
1B 34-5	152	0/44/49.00	5.00	540.	-76.	8855.	50.	0101
1B 34-6	152	0/44/55.75	40.00	540.	-76.	8855.	50.	0101
1B 34-7	152	0/45/37.75	19.75	540.	-76.	8855.	50.	0101
1B 34-8	152	0/45/59.50	159.75	540.	-76.	8855.	50.	0101
1B 35-1	153	14/18/24.25	5.75	377.	-199.	10297.	50.	0001
1B 35-2	153	14/18/59.00	59.00	564.	4.	10298.	50.	0001
1B 35-3	153	15/32/ 3.50	2.50	170.	194.	10232.	50.	0101
1B 35-4	153	15/32/ 8.00	0.25	170.	194.	10232.	50.	0101
1B 35-5	153	15/32/10.75	10.00	170.	194.	10232.	50.	0101
1B 35-6	153	15/32/20.75	1.25	170.	194.	10232.	50.	0101
1B 35-7	153	15/32/23.00	40.00	170.	194.	10231.	50.	0101
1B 35-8	153	15/33/ 3.25	5.00	170.	194.	10232.	50.	0101

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B 36-1	153	15/33/12.00	159.75	170.	194.	10232.	50.	0101
1B 36-2	153	15/35/53.75	19.75	170.	194.	10232.	50.	0101
1B 36-3	153	15/40/34.50	0.25	90.	165.	10406.	50.	0101
1B 36-4	153	15/40/36.75	2.50	90.	165.	10406.	50.	0101
1B 36-5	153	13/40/41.00	1.25	90.	165.	10406.	50.	0101
1B 36-6	153	15/40/44.00	10.00	90.	165.	10406.	50.	0001
1B 36-7	153	15/40/56.00	4.00	90.	165.	10406.	50.	0101
1B 36-8	153	15/41/ 2.75	40.00	90.	165.	10406.	50.	0101
1B 37-1	153	15/41/46.25	20.00	90.	165.	10406.	50.	0101
1B 37-2	153	15/42/ 8.00	160.00	90.	165.	10406.	50.	0101
1B 37-3	153	15/51/10.00	2.50	32.	241.	-10457.	50.	0101
1B 37-4	153	15/51/14.25	0.25	32.	241.	-10457.	50.	0101
1B 37-5	153	15/51/16.50	10.00	32.	241.	-10457.	50.	0101
1B 37-6	153	15/51/28.25	1.25	32.	241.	-10457.	50.	0101
1B 37-7	153	15/51/31.25	40.00	32.	241.	-10457.$	50.	0101
1B 37-8	153	15/52/13.00	5.00	32.	241.	-10457.	50.	0101
1B 38-1	153	15/52/21.75	160.00	32.	241.	-10457.	50.	0101
1B 38-2	153	15/55/ 3.50	12.75	32.	241.	-10457.	50.	0101
1B 38-3	153	17/20/35.25	0.25	-10.	-50.	-10795.	50.	0101
1B 38-4	153	17/20/37.25	2.50	-10.	-50.	-10795.	50.	0101
1B 38-5	153	17/20/41.75	1.25	-10.	-50.	-10795.	50.	0101
1B 38-6	153	17/20/44.75	10.00	-10.	-50.	-10795.	50.	0101
1B 38-7	153	17/20/56.50	5.00	-10.	-50.	-10795.	50.	0101
1B 38-8	153	17/21/ 3.25	40.00	-10.	-50.	-10507.	50.	0101
1B 39-1	153	17/21/47.00	20.00	-10.	-50.	-10507.	50.	0101
1B 39-2	153	17/22/ 8.75	160.00	-10.	-50.	-10508.	50.	0101
1B 39-3	153	21/49/43.75	2.50	-37.	-896.	-5033.	50.	0101
1B 39-4	153	21/49/48.25	0.25	-37.	-896.	-5033.$	50.	0101
1B 39-5	153	21/49/50.25	10.00	-37.	-896.	-5033.	50.	0101
1B 39-6	153	21/50/ 2.00	1.25	-37.	-896.	-5033.	50.	0101
1B 39-7	153	21/50/ 5.00	40.00	-37.	-896.	-5033.	50.	0101
1B 39-8	153	21/50/47.00	1.00*	-37.	-896.	-5033.	50.	0101
1B 40-1	153	21/50/55.50	160.25	-37.	-896.	-5033.	50.	0101
1B 40-2	153	21/53/37.25	20.00	-37.	-896.	-5033.	50.	0101
1B 40-3	153	23/ 8/44.00	0.25	-851.	-22.	9745.$	50.	0101
1B 40-4	153	23/ 8/46.00	2.50	-851.	-22.	9745.	50.	0101
1B 40-5	153	23/ 8/50.50	1.25	-851.	-22.	9745.	50.	0101
1B 40-6	153	23/ 8/53.50	10.00	-851.	-22.	9745.	50.	0101
1B 40-7	153	23/ 9/ 5.25	5.00	-851.	-22.	9745.$	50.	0101
1B 40-8	153	23/ 9/12.25	39.75	-851.	-22.	9745.	50.	0101

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B 41-1	153	23/ 9/55.75	20.00	-851.	-22.	9745.	50.	0101
1B 41-2	153	23/10/17.50	160.00	-851.	-22.	9745.	50.	0101
1B 41-3	154	0/43/33.00	2.50	126.	-880.	-4527.	50.	0101
1B 41-4	154	0/43/37.50	0.25	126.	-880.	-4527.	50.	0101
1B 41-5	154	0/43/39.50	10.00	126.	-880.	-4527.	50.	0101
1B 41-6	154	0/43/51.25	1.25	126.	-880.	-4527.	50.	0101
1B 41-7	154	0/43/54.50	40.00	126.	-880.	-4527.	50.	0101
1B 41-8	154	0/44/36.25	5.00	126.	-880.	-4527.	50.	0101
1B 42-1	154	0/44/45.00	159.00	126.	-880.	-4527.	50.	0101
1B 42-2	154	0/47/26.75	19.75	126.	-880.	-4527.	50.	0101
1B 42-3	154	1/ 4/ 2.75	0.25	15.	536.	6016.	50.	0101
1B 42-4	154	1/ 4/ 5.00	2.50	15.	536.	6016.	50.	0101
1B 42-5	154	1/ 4/ 9.25	1.25	15.	536.	6016.	50.	0101
1B 42-6	154	1/ 4/12.25	10.00	15.	536.	6016.	50.	0101
1B 42-7	154	1/ 4/24.00	5.00	15.	536.	6016.	50.	0101
1B 42-8	154	1/ 4/30.75	40.00	15.	536.	6016.	50.	0101
1B 43-1	154	1/ 5/14.50	20.00	15.	536.	6016.	50.	0101
1B 43-2	154	1/ 5/36.25	160.00	15.	536.	6016.	50.	0101
1B 43-3	154	16/ 2/26.75	2.50	106.	-979.	-4391.	50.	0101
1B 43-4	154	16/ 2/31.00	0.25	106.	-979.	-4391.	50.	0101
1B 43-5	154	16/ 2/33.00	10.00	106.	-979.	-4391.	50.	0101
1B 43-6	154	16/ 2/45.00	1.25	106.	-979.	-4391.	50.	0101
1B 43-7	154	16/ 2/48.00	40.00	106.	-979.	-4391.	50.	0101
1B 43-8	154	16/ 3/29.75	5.00	106.	-979.	-4391.	50.	0101
1B 44-1	154	16/ 3/38.50	159.50	106.	-979.	-4391.	50.	0101
1B 44-2	154	16/ 6/20.25	20.00	106.	-979.	-4391.	50.	0101
1B 44-3	154	16/27/ 5.00	0.25	106.	-985.	-4387.	50.	0101
1B 44-4	154	16/27/ 7.25	2.25	106.	-985.	-4387.	50.	0101
1B 44-5	154	16/27/11.50	1.25	106.	-985.	-4387.	50.	0101
1B 44-6	154	16/27/14.50	10.00	106.	-985.	-4387.	50.	0101
1B 44-7	154	16/27/26.25	5.00	106.	-986.	-4387.	50.	0101
1B 44-8	154	16/27/33.00	40.00	106.	-986.	-4387.	50.	0101
1B 45-1	154	16/28/16.75	20.00	106.	-986.	-4387.	50.	0101
1B 45-2	154	16/28/38.50	160.00	106.	-986.	-4387.	50.	0101
1B 45-3	154	16/41/14.50	2.50	106.	-986.	-4387.	50.	0101
1B 45-4	154	16/41/18.75	0.50	106.	-986.	-4387.	50.	0101
1B 45-5	154	16/41/21.00	10.00	106.	-996.	-4387.	50.	0101
1B 45-6	154	16/41/32.75	1.25	106.	-986.	-4386.	50.	0101
1B 45-7	154	16/41/35.75	40.00	106.	-986.	0.	50.	0101
1B 45-8	154	16/42/17.75	4.75	106.	-986.	-4387.	50.	0101

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B 46-1	154	16/42/26.25	160.00	106.	-986.	-4386.	50.	0101
1B 46-2	154	16/45/ 8.00	20.00	106.	-986.	-4386.	50.	0101
1B 46-3	154	17/56/43.25	0.50	-949.	17.	-10236.	50.	0101
1B 46-4	154	17/56/45.50	2.50	-949.	17.	-10236.	50.	0101
1B 46-5	154	17/56/49.75	1.25	-949.	17.	-10236.	50.	0101
1B 46-6	154	17/56/53.00	9.00*	-949.	17.	-10236.	50.	0101
1B 46-7	154	17/57/ 4.75	5.00	-949.	17.	-10236.	50.	0101
1B 46-8	154	17/57/11.50	40.00	-949.	17.	-10236.	50.	0101
1B 47-1	154	17/57/55.25	19.75	-949.	17.	-10235.	50.	0101
1B 47-2	154	17/58/16.75	160.00	-949.	17.	-10234.	50.	0101
1B 47-3	154	18/14/30.00	2.50	-467.	-136.	-8115.	50.	0101
1B 47-4	154	18/14/34.25	0.50	-467.	-136.	-8115.	50.	0101
1B 47-5	154	18/14/36.50	10.00	-467.	-136.	-8114.	50.	0101
1B 47-6	154	18/14/48.25	1.25	-467.	-136.	-8114.	50.	0101
1B 47-7	154	18/14/51.50	39.50	-467.	-136.	-8114.	50.	0101
1B 47-8	154	18/15/33.25	5.00	-467.	-136.	-8114.	50.	0101
1B 48-1	154	18/15/41.75	160.00	-467.	-136.	-8113.	50.	0101
1B 48-2	154	18/18/23.50	20.00	-467.	-136.	-8113.	50.	0101
1B 48-3	154	20/46/43.25	39.00	-964.	-40.	-10309.	50.	0001
1B 48-4	154	20/47/46.50	59.75	-964.	-40.	-10309.	50.	0001
1B 48-5	154	20/48/58.25	399.00	-964.	-40.	-10306.	50.	0001
1B 48-6	154	20/55/54.50	1199.50	-964.	-40.	-10305.	50.	0001
1B 48-7	154	22/35/18.75	2.50	-16.	282.	7766.	50.	0101
1B 48-8	154	22/35/23.00	0.00	-16.	282.	7766.	50.	0101
1B 49-1	154	22/35/27.00	10.00	-16.	282.	7766.	50.	0101
1B 49-2	154	22/35/39.00	1.25	-16.	282.	7766.	50.	0101
1B 49-3	154	22/35/42.00	40.00	-16.	282.	7766.$	50.	0101
1B 49-4	154	22/36/23.75	5.00	-16.	282.	7766.	50.	0101
1B 49-5	154	22/36/30.50	160.00	-16.	282.	7766.	50.	0101
1B 49-6	154	22/39/12.25	20.00	-16.	282.	7766.	50.	0101
1B 49-7	154	22/43/30.75	0.50	-265.	-62.	-6869.	50.	0101
1B 49-8	154	22/43/33.00	2.50	-265.	-62.	-6869.	50.	0101
1B 50-1	154	22/43/39.25	1.25	-265.	-62.	-6869.	50.	0101
1B 50-2	154	22/43/42.25	10.00	-265.	-62.	-6869.	50.	0101
1B 50-3	154	22/43/54.00	5.00	-265.	-62.	-6869.	50.	0101
1B 50-4	154	22/44/ 0.75	40.00	-265.	-62.	-6869.	50.	0101
1B 50-5	154	22/44/42.75	19.75	-265.	-62.	-6869.	50.	0101
1B 50-6	154	22/45/ 4.25	160.00	-265.	-62.	-6869.	50.	0101
1B 50-7	154	22/53/43.00	2.50	-214.	119.	-10165.	50.	0101
1B 50-8	154	22/53/47.25	0.50	-214.	119.	-10165.	50.	0101

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B 51-1	154	22/53/51.25	10.00	-214.	119.	-10165.	50.	0101
1B 51-2	154	22/54/ 3.25	1.50	-214.	119.	-10165.	50.	0101
1B 51-3	154	22/54/ 6.25	40.00	-214.	119.	-10165.	50.	0101
1B 51-4	154	22/54/48.00	5.00	-214.	119.	-10165.	50.	0101
1B 51-5	154	22/54/54.75	160.00	-214.	119.	-10165.	50.	0101
1B 51-6	154	22/57/36.75	19.75	-214.	119.	-10165.	50.	0101
1B 51-7	155	1/48/26.00	0.25	-536.	81.	-9933.	50.	0101
1B 51-8	155	1/48/28.00	2.50	-536.	81.	-9932.	50.	0101
1B 52-1	155	1/48/34.25	1.25	-536.	81.	-9931.	50.	0101
1B 52-2	155	1/48/37.25	10.00	-536.	81.	-9931.	50.	0101
1B 52-3	155	1/16/49.25	5.00	-536.	81.	-9932.	50.	0101
1B 52-4	155	1/48/56.00	40.00	-536.	81.	-9932.	50.	0101
1B 52-5	155	1/49/38.00	19.75	-536.	81.	-9932.	50.	0101
1B 52-6	155	1/49/59.50	160.00	-536.	81.	-9932.$	50.	0101
1B 52-7	155	15/55/36.50	2.50	-396.	110.	-10161.	50.	0101
1B 52-8	155	15/55/40.75	0.25	-396.	110.	-10161.	50.	0101
1B 53-1	155	15/55/44.75	10.00	-396.	110.	-10161.	50.	0111
1B 53-2	155	15/55/56.50	1.25	-396.	110.	-10161.	50.	0101
1B 53-3	155	15/55/59.50	40.00	-396.	110.	-10161.	50.	0101
1B 53-4	155	15/56/41.50	4.50*	-396.	110.	-10161.	50.	0101
1B 53-5	155	15/56/48.25	160.00	-396.	110.	-10161.	50.	0101
1B 53-6	155	15/59/30.00	18.00*	-396.	110.	-10161.	50.	0101
1B 53-7	155	18/32/43.75	0.25	-255.	29.	-6514.	50.	0101
1B 53-8	155	18/32/45.75	2.50	-255.	29.	-6514.	50.	0101
1B 54-1	155	18/32/52.00	1.25	-255.	29.	-6514.	50.	0101
1B 54-2	155	18/32/55.00	10.00	-255.	29.	-6514.	50.	0101
1B 54-3	155	18/33/ 7.00	1.00*	-255.	29.	-6513.	50.	0101
1B 54-4	155	18/33/13.75	40.00	-255.	29.	-6514.	50.	0101
1B 54-5	155	18/33/55.50	20.00	-255.	29.	-6513.	50.	0111
1B 54-6	155	18/34/17.25	160.00	-255.	29.	-6513.$	50.	0101
1B 54-7	155	18/59/ 2.25	2.50	-126.	-137.	5440.	50.	0101
1B 54-8	155	18/59/ 6.50	0.25	-126.	-137.	5440.	50.	0101
1B 55-1	155	18/59/10.50	10.00	-126.	-137.	5440.	50.	0101
1B 55-2	155	18/59/22.25	1.25	-126.	-137.	5440.	50.	0101
1B 55-3	155	18/59/25.25	40.00	-126.	-137.	5440.	50.	0101
1B 55-4	155	19/ 0/ 7.25	5.00	-126.	-137.$	5440.	50.	0100
1B 55-5	155	19/ 0/14.00	160.00	-126.	-137.	5442.	50.	0101
1B 55-6	155	19/ 2/55.75	20.00	-126.	-137.	5440.	50.	0101
1B 55-7	155	19/58/46.00	0.50	-115.	-137.	5442.	50.	0101
1B 55-8	155	19/58/48.25	2.50	-115.	-137.	5442.	50.	0101

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B 56-1	155	19/58/54.50	1.00	-115.	-137.	5442.	50.	0101
1B 56-2	155	19/58/57.50	10.00	-115.	-137.	5442.	50.	0101
1B 56-3	155	19/59/ 9.25	5.00	-115.	-137.	5442.	50.	0101
1B 56-4	155	19/59/16.00	40.00	-115.	-137.	5442.	50.	0101
1B 56-5	155	19/59/58.00	19.75	-115.	-137.	5442.	50.	0101
1B 56-6	155	20/ 0/19.50	160.00	-115.	-137.	5442.	50.	0101
1B 56-7	155	20/ 8/38.25	2.50	-132.	-132.	5442.	50.	0101
1B 56-8	155	20/ 8/42.75	0.75	-132.	-132.	5442.	50.	0101
1B 57-1	155	20/ 8/46.75	10.00	-132.	-132.	5442.	50.	0101
1B 57-2	155	20/ 8/58.50	1.25	-132.	-132.	5442.	50.	0101
1B 57-3	155	20/ 9/ 1.50	40.00	-132.	-132.	5442.	50.	0101
1B 57-4	155	201 9143.50	5.00	-132.	-132.	5442.	50.	0101
1B 57-5	155	201 9150.25	160.00	-132.	-132.	5478.	50.	0101
1B 57-6	155	20/12/32.00	16.00*	-132.	-132.	5478.	50.	0101
1B 57-7	155	21/45/14.50	0.25	-131.	-99.	5481.	50.	0101
1B 57-8	155	21/45/16.50	2.50	-131.	-99.	5481.	50.	0101
1B 58-1	155	21/45/22.75	1.25	-131.	-99.	5481.	50.	0101
1B 58-2	155	21/45/25.75	10.00	-131.	-99.	5481.	50.	0101
1B 58-3	155	21/45/37.50	5.00	-131.	-99.	5481.	50.	0101
1B 58-4	155	21/45/44.50	39.50	-131.	-99.	5481.	50.	0101
1B 58-5	155	21/46/26.25	19.75	-131.	-99.	5481.	50.	0101
1B 58-6	155	21/46/48.00	159.75	-131.	-99.	5481.	50.	0101
1B 58-7	155	21/53/32.50	2.50	-144.	-100.	5481.	50.	0101
1B 58-8	155	21/53/36.75	0.25	-144.	-100.	5481.	50.	0101
1B 59-1	155	21/53/40.75	10.00	-144.	-100.	5481.	50.	0101
1B 59-2	155	21/53/52.50	1.25	-144.	-100.	5481.	50.	0101
1B 59-3	155	21/53/55.75	40.00	-144.	-120.	5481.	50.	0101
1B 59-4	155	21/54/37.50	5.00	-144.	-100.	5481.	50.	0101
1B 59-5	155	21/54/44.25	160.00	-144.	-100.	5481.	50.	0101
1B 59-6	155	21/57/26.00	18.00*	-144.	-100.	5480.	50.	0101
1B 59-7	156	0/46/30.25	1004.00	-711.	-17.	10799.$	50.	0001
1B 59-8	156	1/ 3/22.00	0.25	-711.	-17.	10799.	50.	0101
1B 60-1	156	1/ 3/26.00	2.50	-711.	-17.	10799.	50.	0101
1B 60-2	156	1/ 3/30.25	1.25	-711.	-17.	10799.	50.	0101
1B 60-3	156	1/ 3/33.25	9.75	-711.	-17.	10799.$	50.	0101
1B 60-4	156	1/ 3/45.75	5.00	-711.	-17.	10799.	50.	0101
1B 60-5	156	1/ 3/51.00	40.00	-711.	-17.	10799.	50.	0101
1B 60-6	156	1/ 4/32.75	20.00	-711.	-17.	10799.	50.	0101
1B 60-7	156	1/ 4/54.50	160.00	-711.	-17.	-7144.	50.	0101
1B 60-8	156	1/ 8/43.50	2.50	216.	-57.	-8063.	50.	0101

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B 61-1	156	1/ 8/49.75	0.25	216.	-57.	-8063.	50.	0101
1B 61-2	156	1/ 8/51.75	10.00	216.	-57.	-8063.	50.	0101
1B 61-3	156	1/ 9/ 3.50	1.25	216.	-57.	-8063.	50.	0101
1B 61-4	156	1/ 9/ 6.75	40.00	216.	-57.	-8063.	50.	0101
1B 61-5	156	1/ 9/48.50	5.00	216.	-57.	-8063.	50.	0101
1B 61-6	156	1/ 9/55.25	160.00	216.	-57.	-8063.	50.	0101
1B 61-7	156	1/12/37.00	20.00	216.	-57.	-8063.	50.	0101
1B 61-8	156	2/40/41.25	39.50	-394.	-425.	-10791.	50.	0001
1B 62-1	156	2/41/58.25	4.50	-581.	-651.	-10791.	50.	0001
1B 62-2	156	16/24/55.00	0.25	-587.	-29.	-10044.	50.	0101
1B 62-3	156	16/24/57.00	2.50	-587.	-29.	-10045.	50.	0101
1B 62-4	156	16/25/ 1.50	1.25	-587.	-29.	-10058.	50.	0101
1B 62-5	156	16/25/ 4.50	10.00	-587.	-29.	-10091.	50.	0101
1B 62-6	156	16/25/16.25	5.00	-587.	-29.	-10091.	50.	0101
1B 62-7	156	16/25/23.00	40.00	-587.	-29.	-10196.	50.	0101
1B 62-8	156	16/26/ 5.00	19.75	-587.	-29.	-9867.	50.	0101
1B 63-1	156	16/26/28.50	160.00	-587.	-29.	-7631.	50.	0111
1B 63-2	156	16/37/21.00	2.50	-587.	-29.	-9485.	50.	0101
1B 63-3	156	16/37/25.25	0.25	-587.	-29.	-9484.	50.	0101
1B 63-4	156	16/37/27.50	9.50	-587.	-29.	-9485.	50.	0101
1B 63-5	156	16/37/39.25	1.25	-587.	-29.	-9485.	50.	0101
1B 63-6	156	16/37/42.25	40.00	-587.	-29.	-9484.	50.	0101
1B 63-7	156	16/38/24.00	5.00	-587.	-29.	-9484.	50.	0101
1B 63-8	156	16/38/30.75	160.00	-587.	-29.	-9484.	50.	0101
1B 64-1	156	16/41/14.50	19.75	-587.	-29.	-9484.	50.	0101
1B 64-2	156	20/49/42.50	0.50	-941.	0.	10745.	-12.	1001
1B 64-3	156	20/49/44.75	2.50	-941.	0.	10745.	-11.	1001
1B 64-4	156	20/49/49.00	1.25	-941.	0.	10745.	-12.	1001
1B 64-5	156	20/49/52.25	10.00	-941.	0.	10745.	-12.	1001
1B 64-6	156	20/50/ 4.00	5.00	-941.	0.	10745.	-12.	1001
1B 64-7	156	20/50/10.75	40.00	-941.	0.	10745.	-12.	1001
1B 64-8	156	20/50/52.50	20.00	-941.	0.	10745.	-12.	1001
1B 65-1	156	20/51/16.25	159.75	-941.	0.	10745.	-12.	1001
1B 65-2	156	20/53/58.00	0.25	-941.	0.	10745.	-4.	1001
1B 65-3	156	20/54/ 0.00	2.50	-941.	0.	10745.	-4.	1001
1B 65-4	156	20/54/ 4.50	1.00	-941.	0.	10745.	-4.	1000
1B 65-5	156	20/54/ 7.50	10.00	-941.	0.	10745.	-4.	1001
1B 65-6	156	20/54/19.25	5.00	-941.	0.	10745.	-4.	1001
1B 65-7	156	20/54/26.00	40.00	-941.	0.	10745.	-4.	1001
1B 65-8	156	20/55/ 7.75	20.00	-941.	0.	10745.	-4.	1001

STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B 66-1	156	20/55/31.50	159.50	-941.	0.	10745.	-4.	1001
1B 66-2	156	20/58/13.25	0.25	-941.	0.	10745.	-2.	1001
1B 66-3	156	20/58/15.50	2.50	-941.	0.	10745.	-1.	1001
1B 66-4	156	20/58/19.75	1.25	-941.	0.	10745.	-2.	1001
1B 66-5	156	20/58/22.75	10.00	-941.	0.	10745.	-2.	1001
1B 66-6	156	20/58/34.75	5.00	-941.	0.	10745.$	-2.	1001
1B 66-7	156	20/58/41.50	40.00	-941.	0.	10745.	-2.	1001
1B 66-8	156	20/59/23.25	19.75	-941.	0.	10745.	-2.	1001
1B 67-1	156	20/59/46.75	160.00	-941.	0.	10747.	-2.	1001
1B 67-2	156	21/ 2/28.50	0.25	-941.	0.	10747.	-1.	1001
1B 67-3	156	21/ 2/30.75	2.50	-941.	0.	10747.	0.	1001
1B 67-4	156	21/ 2/35.00	1.25	-941.	0.	10747.	-1.	1001
1B 67-5	156	21/ 2/38.00	10.00	-941.	0.	10748.	0.	1001
1B 67-6	156	21/ 2/49.75	5.00	-941.	0.	10747.	0.	1001
1B 67-7	156	21/ 2/56.75	40.00	-941.	0.	10747.	0.	1001
1B 67-8	156	21/ 3/38.50	19.75	-941.	0.	10747.	0.	1001
1B 68-1	156	21/ 4/ 2.00	160.00	-941.	0.	10747.	0.	1001
1B 68-2	156	21/ 6/43.75	2.50	-941.	0.	10748.	+2.	1001
1B 68-3	156	21/ 6/48.00	10.00	-941.	0.	10748.	+2.	1001
1B 68-4	156	21/ 7/ 0.00	10.00	-941.	0.	10748.	+3.	1001
1B 68-5	156	21/ 7/11.75	40.00	-941.	0.	10748.	2.	1001
1B 68-6	156	21/ 7/53.50	40.00	-941.	0.	10748.	+2.	1001
1B 68-7	156	21/ 8/35.50	160.00	-941.	0.	10748.	+2.	1001
1B 68-8	156	21/11/17.25	160.00	-941.	0.	10749.	+2.	1001
1B 69-1	156	21/14/ 1.00	639.75	-941.	0.	10749.	+2.	1001
1B 69-2	156	21/24/42.75	2.50	-941.	0.	10750.	4.	1001
1B 69-3	156	21/24/47.00	10.00	-941.	0.	10749.	4.	1001
1B 69-4	156	21/24/58.75	10.00	-941.	0.	10750.	+4.	1001
1B 69-5	156	21/25/10.50	40.00	-941.	0.	10750.$	5.	1001
1B 69-6	156	21/25/52.25	40.00	-941.	0.	10749.	4.	1001
1B 69-7	156	21/26/34.25	160.00	-941.	0.	10750.	4.	1001
1B 69-8	156	21/29/16.00	160.00	-941.	0.	10750.	4.	1001
1B 70-1	156	21/31/59.50	247.50	-941.	0.	10751.	4.	1001
1B 70-2	156	22/19/50.75	2.50	-946.	0.	10751.	6.	1001
1B 70-3	156	22/19/55.00	10.00	-946.	0.	10751.	6.	1001
1B 70-4	156	22/20/ 6.75	10.00	-946.	0.	10751.	6.	1001
1B 70-5	156	22/20/18.75	40.00	-946.	0.	10751.	6.	1001
1B 70-6	156	22/21/ 0.50	40.00	-946.	0.	10751.	6.	1001
1B 70-7	156	22/21/42.25	160.00	-946.	0.	10751.	6.	1001
1B 70-8	156	22/24/24.00	160.00	-946.	0.	10751.	6.	1001

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B 71-1	156	22/27/ 7.75	639.75	-946.	0.	10751.	6.	1001
1B 71-2	156	22/37/49.50	2.50	-946.	0.	10751.	8.	1001
1B 71-3	156	22/37/53.75	10.00	-946.	0.	10751.	8.	1001
1B 71-4	156	22/38/ 5.50	10.00	-946.	0.	10751.	8.	1001
1B 71-5	156	22/38/17.50	40.00	-946.	0.	-10697.	8.	1001
1B 71-6	156	22/38/59.25	40.00	-946.	0.	-10697.	8.	1001
1B 71-7	156	22/39/41.00	160.00	-946.	0.	-10697.	8.	1001
1B 71-8	156	22/42/23.00	159.75	-946.	0.	-10697.	8.	1001
1B 72-1	156	22/45/ 6.50	640.00	-946.	0.	-10696.	8.	1001
1B 72-2	156	22/55/48.25	4.00	-946.	0.	-10696.	12.	1001
1B 72-3	156	22/55/54.00	16.00	-946.	0.	-10696.	12.	1001
1B 72-4	156	22/56/12.00	12.00	-946.	0.	-10696.	12.	1001
1B 72-5	156	22/56/29.75	64.00	-946.	0.	-10695.	12.	1001
1B 72-6	156	22/57/35.50	64.00	-946.	0.	-10696.	12.	1001
1B 72-7	156	22/58/41.25	256.00	-946.	0.	-10695.	11.	1001
1B 72-8	156	23/ 2/59.25	256.00	-946.	0.	-10695.	12.	1001
1B 73-1	156	23/ 7/18.75	123.50	-946.	0.	-10695.	12.	1001
1B 73-2	157	20/ 8/18.00	2.50	-940.	0.	10401.	50.	0101
1B 73-3	157	20/ 8/22.50	0.25	-940.	0.	10401.	50.	0101
1B 73-4	157	20/ 8/23.75	10.00	-940.	0.	10402.	50.	0101
1B 73-5	157	20/ 8/35.75	1.25	-940.	0.	10401.	50.	0101
1B 73-6	157	20/ 8/38.75	40.00	-940.	0.	10401.	50.	0101
1B 73-7	157	20/ 9/20.50	5.00	-940.	0.	10401.	50.	0101
1B 73-8	157	20/ 9/27.25	160.00	-940.	0.	10401.	50.	0101
1B 74-1	157	20/12/11.00	19.75	-940.	0.	10401.	50.	0101
1B 74-2	157	20/28/19.00	0.25	224.	489.	-5405.	50.	0101
1B 74-3	157	20/28/21.00	2.50	224.	489.	-5405.	50.	0101
1B 74-4	157	20/28/25.50	1.25	224.	489.	-5405.	50.	0101
1B 74-5	157	20/28/28.50	10.00	224.	489.	-5405.	50.	0101
1B 74-6	157	20/28/40.25	5.00	224.	489.	-5405.	50.	0101
1B 74-7	157	20/28/47.25	40.00	224.	489.	-5405.	50.	0101
1B 74-8	157	20/29/29.00	19.75	224.	489.	-5405.	50.	0101
1B 75-1	157	20/29/52.50	160.00	224.	489.	-5406.	50.	0101
1B 75-2	158	1/16/44.75	4.50	315.	-435.	9928.	50.	0001
1B 75-3	158	1/17/22.75	39.50	316.	-377.	9926.	50.	0001
1B 75-4	159	2/25/13.00	0.00	879.	-56.	-10240.	50.	0101
1B 75-5	159	2/25/15.25	2.50	879.	-56.	-10241.	50.	0101
1B 75-6	159	2/25/19.50	0.50	879.	-56.	-10240.	50.	0101
1B 75-7	160	19/56/22.00	0.25	-931.	-75.	-9762.	50.	0101
1B 75-8	160	19/56/24.00	2.50	-931.	-75.	-9762.	50.	0101

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B 76-1	160	19/56/30.25	1.25	-931.	-75.	-9762.	50.	0101
1B 76-2	160	19/56/33.25	10.00	-931.	-75.	-9762.	50.	0101
1B 76-3	160	19/56/45.25	5.00	-931.	-75.	-9762.	50.	0101
1B 76-4	160	19/56/52.00	40.00	-931.	-75.	-9762.	50.	0101
1B 76-5	160	19/57/33.75	20.00	-931.	-75.	-9762.	50.	0101
1B 76-6	160	19/57/55.50	160.00	-931.	-75.	-9761.	50.	0101
1B 76-7	160	20/ 6/16.00	2.50	-934.	-89.	-9760.	50.	0101
1B 76-8	160	20/ 6/20.25	0.25	-934.	-89.	-9760.	50.	0101
1B 77-1	160	20/ 6/24.25	10.00	-934.	-89.	-9760.	50.	0111
1B 77-2	160	20/ 6/36.00	1.25	-934.	-89.	-9760.	50.	0101
1B 77-3	160	20/ 6/39.00	40.00	-934.	-89.	-9760.	50.	0101
1B 77-4	160	20/ 7/21.00	5.00	-934.	-89.	-9760.	50.	0101
1B 77-5	160	20/ 7/27.75	160.00	-934.	-89.	-9760.	50.	0101
1B 77-6	160	20/10/ 9.50	20.00	-934.	-89.	-9760.	50.	0101
1B 77-7	160	20/12/53.00	0.25	-916.	-70.	-9759.	50.	0101
1B 77-8	160	20/12/55.25	2.50	-916.	-70.	-9759.	50.	0101
1B 78-1	160	20/13/ 1.25	1.25	-916.	-70.	-9759.	50.	0101
1B 78-2	160	20/13/ 4.50	10.00	-916.	-70.	-9759.	50.	0101
1B 78-3	160	20/13/16.25	5.00	-916.	-70.	-9759.	50.	0101
1B 78-4	160	20/13/23.25	40.00	-916.	-70.	-9759.	50.	0101
1B 78-5	160	20/14/ 5.00	20.00	-916.	-70.	-9759.	50.	0101
1B 78-6	160	20/14/26.75	160.00	-916.	-70.	-9758.	50.	0101
1B 78-7	160	21/18/53.75	2.50	590.	-331.	10186.	50.	0101
1B 78-8	160	21/18/58.25	0.25	590.	-331.	10186.	50.	0101
1B 79-1	160	21/19/ 2.25	10.00	590.	-331.	10186.	50.	0101
1B 79-2	160	21/19/14.00	1.25	590.	-331.	10186.	50.	0101
1B 79-3	160	21/19/16.25	39.75	590.	-331.	10186.	50.	0101
1B 79-4	160	21/19/58.25	5.00	590.	-331.	10186.	50.	0101
1B 79-5	160	21/20/ 5.00	160.00	590.	-331.	10187.	50.	0101
1B 79-6	160	21/22/46.75	19.75	590.	-331.	10187.	50.	0101
1B 79-7	160	21/25/18.25	0.50	571.	-372.	10187.	50.	0101
1B 79-8	160	21/25/20.50	2.50	571.	-372.	10187.	50.	0101
1B 80-1	160	21/25/26.50	0.00$	571.	-372.	10187.	50.	0101
1B 80-2	160	21/25/29.75	10.00	571.	-372.	10187.	50.	0101
1B 80-3	160	21/25/41.50	5.00	571.	-372.	10187.	50.	0101
1B 80-4	160	21/25/48.25	40.00	571.	-372.	10188.	50.	0101
1B 80-5	160	21/26/30.25	19.75	571.	-372.	10188.	50.	0101
1B 80-6	160	21/26/51.75	160.00	571.	-372.	10188.	50.	0101
1B 80-7	160	21/37/43.75	2.50	380.	-586.	8269.	50.	0101
1B 80-8	160	21/37/48.00	0.25	380.	-586.	8269.	50.	0101

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B 81-1	160	21/37/52.00	10.00	380.	-586.	8268.	50.	0101
1B 81-2	160	21/38/ 3.75	1.25	380.	-586.	8268.	50.	0101
1B 81-3	160	21/38/ 7.00	40.00	380.	-586.	8269.	50.	0101
1B 81-4	160	21/38/48.75	5.00	380.	-586.	8269.	50.	0101
1B 81-5	160	21/38/55.75	160.00	380.	-586.	8269.	50.	0101
1B 81-6	160	21/41/37.50	19.75	380.	-586.	8270.	50.	0101
1B 81-7	161	0/16/18.50	0.25	0.	-905.	10799.	50.	0101
1B 81-8	161	0/16/20.50	2.50	0.	-905.	10799.	50.	0101
1B 82-1	161	0/16/26.75	1.25	0.	-905.	10799.	50.	0101
1B 82-2	161	0/16/29.75	10.00	0.	-905.	10799.	50.	0101
1B 82-3	161	0/16/41.75	4.75	0.	-905.	10799.	50.	0101
1B 82-4	161	0/16/48.50	40.00	0.	-905.	10799.$	50.	0101
1B 82-5	161	0/17/30.25	20.00	0.	-905.	10799.	50.	0101
1B 82-6	161	0/17/52.00	160.00	0.	-905.	10799.	50.	0101
1B 82-7	161	0/34/21.50	2.50	30.	-905.	10720.	50.	0101
1B 82-8	161	0/34/26.00	0.25	30.	-905.	10720.	50.	0101
1B 83-1	161	0/34/29.75	2.25	30.	-905.	10719.	50.	0101
1B 83-2	161	0/34/41.75	1.25	30.	-905.	10719.	50.	0101
1B 83-3	161	0/34/44.75	40.00	30.	-905.	10720.	50.	0101
1B 83-4	161	0/35/26.50	5.00	30.	-905.	10718.	50.	0101
1B 83-5	161	0/35/33.25	160.00	30.	-905.	10720.	50.	0101
1B 83-6	161	0/38/15.25	19.75	30.	-905.	10720.	50.	0101
1B 83-7	161	2/14/45.00	4.00	-600.	400.	10718.	50.	0001
1B 83-8	161	2/15/39.50	39.50	-590.	264.	10718.	50.	0001
1B 84-1	161	17/21/25.25	0.50	949.	40.	-9739.	50.	0101
1B 84-2	161	17/21/27.50	2.50	949.	40.	-9739.	50.	0101
1B 84-3	161	17/21/31.75	1.25	949.	40.	-9739.	50.	0101
1B 84-4	161	17/21/35.00	10.00	949.	40.	-9739.	50.	0101
1B 84-5	161	17/21/46.75	5.00	949.	40.	-9739.	50.	0101
1B 84-6	161	17/21/53.50	40.00	949.	40.	-9739.	50.	0101
1B 84-7	161	17/22/35.25	16.00	949.	40.	-9739.	50.$	0101
1B 84-8	161	17/22/57.00	160.00	949.	40.	-9739.	50.	0101
1B 85-1	161	17/30/49.25	2.50	945.	1.	-10078.$	50.	0101
1B 85-2	161	17/30/53.75	0.25	945.	1.	-10078.	50.	0101
1B 85-3	161	17/30/55.75	10.00	945.	1.	-10078.	50.	0101
1B 85-4	161	17/31/ 7.50	1.25	945.	1.	-10078.$	50.	0101
1B 85-5	161	17/31/10.75	40.00	945.	1.	-10078.	50.	0101
1B 85-6	161	17/31/52.50	5.00	945.	1.	-10078.	50.	0101
1B 85-7	161	17/31/59.25	160.00	945.	1.	-10255.	50.	0101
1B 85-8	161	17/34/41.00	20.00	945.	1.	-10255.	50.	0101

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B 86-1	161	17/38/25.75	0.25	931.	-31.	-10254.	50.	0101
1B 86-2	161	17/38/27.75	2.50	931.$	-31.	-10254.	50.	0101
1B 86-3	161	17/38/32.25	1.25	931.	-31.	-10254.	50.	0101
1B 86-4	161	17/38/35.25	10.00	931.	-31.	-10254.	50.	0101
1B 86-5	161	17/38/47.00	5.00	931.	-31.	-10254.	50.	0101
1B 86-6	161	17/38/53.75	40.00	931.	-31.	-10254.$	50.	0101
1B 86-7	161	17/39/35.75	20.00	931.	-31.	-10254.	50.	0101
1B 86-8	161	17/39/57.25	160.00	931.	-31.	-10253.	50.	0101
1B 87-1	161	18/59/31.25	2.50	836.	-340.	-10296.	50.	0101
1B 87-2	161	18/59/35.75	0.25	836.	-340.	-10296.	50.	0101
1B 87-3	161	18/59/37.75	10.00	836.	-340.	-10296.	50.	0101
1B 87-4	161	18/59/49.50	1.25	836.	-340.	-10296.	50.	0101
1B 87-5	161	18/59/52.75	40.00	836.	-340.	-10296.	50.	0101
1B 87-6	161	19/ 0/34.50	5.00	836.	-340.	-10296.	50.	0101
1B 87-7	161	19/ 0/41.25	160.00	836.	-340.	-10433.	50.	0101
1B 87-8	161	19/ 3/23.00	20.00	836.	-340.	-10433.	50.	0101
1B 88-1	161	19/15/48.50	0.50	836.	-340.	-10430.	50.	0101
1B 88-2	161	19/15/50.75	2.50	836.	-340.	-10430.	50.	0101
1B 88-3	161	19/15/55.00	1.25	836.	-340.	-10430.	50.	0101
1B 88-4	161	19/15/58.25	10.00	836.	-340.	-10430.	50.	0101
1B 88-5	161	19/16/10.00	5.00	836.	-340.	-10429.	50.	0101
1B 88-6	161	19/16/16.75	40.00	836.	-340.	-10429.	50.	0101
1B 88-7	161	19/16/58.50	20.00	836.	-340.	-10429.	50.	0101
1B 88-8	161	19/17/20.25	160.00	836.	-340.	-10429.	50.	0101
1B 89-1	161	20/23/27.75	2.50	835.	-325.	-10434.	50.	0101
1B 89-2	161	20/23/32.00	0.25	835.	-325.	-10434.	50.	0101
1B 89-3	161	20/23/34.25	10.00	835.	-325.	-10434.	50.	0101
1B 89-4	161	20/23/46.00	1.25	835.	-325.	-10434.	50.	0101
1B 89-5	161	20/23/49.25	40.00	835.	-325.	-10434.	50.	0101
1B 89-6	161	20/24/31.00	5.25	835.	-325.	-10434.	50.	0101
1B 89-7	161	20/24/38.00	158.00*	835.	-325.	-10434.	50.	0101
1B 89-8	161	20/27/19.75	20.00	835.	-325.	-10434.	50.	0101
1B 90-1	161	20/33/ 0.25	0.25	840.	-325.	-10434.	50.	0101
1B 90-2	161	20/33/ 2.25	2.50	840.	-325.	-10434.	50.	0101
1B 90-3	161	20/33/ 6.50	1.25	840.	-325.	-10434.	50.	0101
1B 90-4	161	20/33/ 9.75	10.00	840.	-325.	-10434.	50.	0101
1B 90-5	161	20/33/21.50	5.00	840.	-325.	-10434.	50.	0101
1B 90-6	161	20/33/28.50	40.00	840.	-325.	-10434.	50.	0101
1B 90-7	161	20/34/10.25	19.75	840.	-325.	-10434.	50.	0101
1B 90-8	161	20/34/32.00	156.00*	840.	-325.	-10434.	50.	0101

STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B 91-1	161	20/50/ 1.25	2.50	844.	-325.	-10365.	50.	0101
1B 91-2	161	20/50/ 5.75	0.25	844.	-325.	-10365.	50.	0101
1B 91-3	161	20/50/ 7.75	10.00	844.	-325.	-10365.	50.	0101
1B 91-4	161	20/50/19.50	1.25	844.	-325.	-10365.	50.	0101
1B 91-5	161	20/50/22.75	40.00	844.	-325.	-10365.	50.	0101
1B 91-6	161	20/51/ 4.50	5.00	844.	-325.	-10365.	50.	0101
1B 91-7	161	20/51/11.25	160.00	844.	-325.	-10365.	50.	0101
1B 91-8	161	20/53/53.00	20.00	844.	-325.	-10365.	50.	0101
1B 92-1	161	21/58/25.00	0.50	850.	-292.	-10366.	50.	0101
1B 92-2	161	21/58/27.25	2.50	850.	-292.	-10366.	50.	0101
1B 92-3	161	21/58/31.50	1.25	850.	-292.	-10366.	50.	0101
1B 92-4	161	21/58/34.75	10.00	850.	-292.	-10366.	50.	0101
1B 92-5	161	21/58/46.50	5.00	850.	-292.	-10366.	50.	0101
1B 92-6	161	21/58/53.25	40.00	850.	-292.	-10366.	50.	0101
1B 92-7	161	21/59/35.00	20.00	850.	-292.	-10366.	50.	0101
1B 92-8	161	21/59/56.75	160.00	850.	-292.	-10366.	50.	0101
1B 93-1	161	22/26/45.00	2.50	940.	59.	-9940.	50.	0101
1B 93-2	161	22/26/49.25	0.25	940.	59.	-9940.	50.	0101
1B 93-3	161	22/26/51.25	9.75	940.	59.	-9940.	50.	0101
1B 93-4	161	22/27/ 3.25	1.25	940.	59.	-9940.	50.	0101
1B 93-5	161	22/27/ 6.25	40.00	940.	59.	-9940.	50.	0101
1B 93-6	161	22/27/48.00	5.00	940.	59.	-9940.	50.	0101
1B 93-7	161	22/27/54.75	160.00	940.	59.	-9940.	50.	0101
1B 93-8	161	22/30/36.50	20.00	940.	59.	-9939.	50.	0101
1B 94-1	162	1/39/52.00	0.00*	65.	-474.	-6382.	50.	0101
1B 94-2	162	1/39/54.25	2.50	65.	-474.	-6382.	50.	0101
1B 94-3	162	1/39/58.50	1.25	65.	-474.	-6382.	50.	0101
1B 94-4	162	1/40/ 1.50	10.00	65.	-474.	-6382.	50.	0101
1B 94-5	162	1/40/13.50	4.50	65.	-474.	-6382.	50.	0101
1B 94-6	162	1/40/20.25	40.00	65.	-474.	-6382.	50.	0101
1B 94-7	162	1/41/ 2.00	18.00*	65.	-474.	-6382.	50.	0101
1B 94-8	162	1/41/23.75	159.75	65.	-474.	-6382.$	50.	0101
1B 95-1	162	18/30/48.50	2.50	922.	47.	-9915.	50.	0101
1B 95-2	162	18/30/52.75	0.25	922.	47.	-9915.	50.	0101
1B 95-3	162	18/30/55.00	10.00	922.	47.	-9915.	50.	0101
1B 95-4	162	18/31/ 6.75	1.25	922.	47.	-9915.$	50.	0101
1B 95-5	162	18/31/10.00	40.00	922.	47.	-9915.	50.	0101
1B 95-6	162	18/31/51.75	5.00	922.	47.	-9915.	50.	0101
1B 95-7	162	18/31/58.75	159.75	922.	47.	-9915.	50.	0101
1B 95-8	162	18/34/40.50	19.75	922.	47.	-9915.	50.	0101

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B 96-1	162	18/39/56.50	0.25	917.	7.	-9915.	50.	0101
1B 96-2	162	18/39/58.75	2.50	917.	7.	-9915.	50.	0100
1B 96-3	162	18/40/ 3.00	1.25	917.	7.	-9915.	50.	0101
1B 96-4	162	18/40/ 6.00	10.00	917.	7.	-9915.$	50.	0101
1B 96-5	162	18/40/18.00	4.00	917.	7.	-9915.	50.	0101
1B 96-6	162	18/40/24.75	40.00	917.	7.	-9915.	50.	0101
1B 96-7	162	18/41/ 6.50	19.75	917.	7.	-9915.	50.	0101
1B 96-8	162	18/41/28.25	159.75	917.	7.	-9915.	50.	0101
1B 97-1	162	18/47/41.75	2.50	902.	51.	-9915.	50.	0101
1B 97-2	162	18/47/46.00	0.50	902.	51.	-9915.	50.	0101
1B 97-3	162	18/47/48.25	10.00	902.	51.	-9915.	50.	0101
1B 97-4	162	18/48/ 0.25	1.25	902.	41.	-9915.	50.	0101
1B 97-5	162	18/48/ 3.25	40.00	902.	51.	-9915.	50.	0101
1B 97-6	162	18/48/45.00	5.00	902.	51.	-9915.	50.	0101
1B 97-7	162	18/48/52.00	159.75	902.	51.	-9905.	50.	0101
1B 97-8	162	18/51/33.75	19.75	902.	51.	-9905.	50.	0101
1B 98-1	162	19/44/12.50	0.25	946.	0.	-10112.	-12.	1001
1B 98-2	162	19/44/14.50	2.50	946.	0.	-10112.	-12.	1001
1B 98-3	162	19/44/18.75	1.25	946.	0.	-10112.	-12.	1001
1B 98-4	162	19/44/22.00	10.00	946.	0.	-10112.	-12.	1001
1B 98-5	162	19/44/33.75	5.00	946.	0.	-10112.	-11.	1001
1B 98-6	162	19/44/40.50	40.00	946.	0.	-10114.	-12.	1001
1B 98-7	162	19/45/22.25	20.00	946.	0.	-10112.	-12.	1001
1B 98-8	162	19/45/44.00	160.00	946.	0.	-10112.	-12.	1001
1B 99-1	162	19/48/27.75	0.25	946.	0.	-10112.	-4.	1001
1B 99-2	162	19/48/29.75	2.50	946.	0.	-10112.	-3.	1001
1B 99-3	162	19/48/34.00	1.00	946.	0.	-10112.	-4.	1001
1B 99-4	162	19/48/37.25	10.00	946.	0.	-10112.	-4.	1001
1B 99-5	162	19/48/49.00	5.00	946.	0.	-10112.	-4.	1001
1B 99-6	162	19/48/55.75	40.00	946.	0.	-10112.	-3.	1001
1B 99-7	162	19/49/37.50	20.00	946.	0.	-10112.	-4.	1001
1B 99-8	162	19/49/59.25	160.00	946.	0.	-10112.	-4.	1001
1B100-1	162	19/52/43.00	0.25	946.	0.	-10112.	-2.	1001
1B100-2	162	19/52/45.00	2.50	946.	0.	-10105.	-2.	1001
1B100-3	162	19/52/49.50	1.00	946.	0.	-10106.	-2.	0001
1B100-4	162	19/52/52.50	10.00	946.	0.	-10106.	-2.	1001
1B100-5	162	19/53/ 4.25	5.00	946.	0.	-10105.	-2.	1001
1B100-6	162	19/53/11.00	40.00	946.	0.	-10106.	-1.	1001
1B100-7	162	19/53/52.75	20.00	946.	0.	-10105.	-2.	1001
1B100-8	162	19/54/14.75	160.00	946.	0.	-10105.	-2.	1001

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B101-1	162	19/56/58.25	0.50	946.	0.	-10105.	0.	1001
1B101-2	162	19/57/ 0.50	2.50	946.	0.	-10105.	-1.	1001
1B101-3	162	19/57/ 4.75	1.25	946.	0.	-10105.	0.	1001
1B101-4	162	19/57/ 7.75	8.25	946.	0.	-10105.$	0.	1001
1B101-5	162	19/57/19.75	5.00	946.	0.	-10105.	0.	1001
1B101-6	162	19/57/26.50	40.00	946.	0.	-10104.	0.	1001
1B101-7	162	19/58/ 8.25	20.00	946.	0.	-10105.	0.	1001
1B101-8	162	19/58/30.00	160.00	946.	0.	-10104.	0.	1001
1B102-1	162	20/ 1/13.50	2.50	946.	0.	-10105.	+2.	1001
1B102-2	162	20/ 1/18.00	10.00	946.	0.	-10104.	+2.	1001
1B102-3	162	20/ 1/30.50	10.00	946.	0.	-10104.	+2.	1001
1B102-4	162	20/ 1/40.50	40.00	946.	0.	-10103.	+3.	1001
1B102-5	162	20/ 2/22.50	39.50	946.	0.	-10103.	+2.	1001
1B102-6	162	20/ 3/ 4.25	160.00	946.	0.	-10103.	+3.	1001
1B102-7	162	20/ 5/46.00	160.00	946.	0.	-10103.	+2.	1001
1B102-8	162	20/ 8/27.75	640.00	946.	0.	-10101.	+2.	1001
1B103-1	162	20/19/11.50	2.50	946.	0.	-10101.	4.	1001
1B103-2	162	20/19/16.00	10.00	946.	0.	-10101.	4.	1001
1B103-3	162	20/19/27.75	10.00	946.	0.	-10101.	4.	1001
1B103-4	162	20/19/39.50	40.00	946.	0.	-10101.	4.	1001
1B103-5	162	20/20/21.25	40.00	946.	0.	-10101.	4.	1001
1B103-6	162	20/21/ 3.25	160.00	946.	0.	-10100.	+4.	1001
1B103-7	162	20/23/45.00	160.00	946.	0.	-10099.	4.	1001
1B103-8	162	20/26/26.75	429.00	946.	0.	-10097.	4.	1001
1B104-1	162	21/26/ 4.00	463.00	234.	-240.	10704.	50.	0001
1B104-2	162	21/33/50.25	2.50	234.	-240.	10704.	50.	0101
1B104-3	162	21/33/54.50	0.25	234.	-240.	10704.	50.	0101
1B104-4	162	21/33/56.50	10.00	234.	-240.	10704.$	50.	0101
1B104-5	162	21/34/ 8.50	1.25	234.	-240.	10704.	50.	0101
1B104-6	162	21/34/11.50	40.00	234.	-240.	10704.	50.	0101
1B104-7	162	21/34/53.25	5.00	234.	-240.	10704.	50.	0101
1B104-8	162	21/35/ 0.00	160.00	234.	-240.	10705.	50.	0101
1B105-1	162	21/37/43.75	19.75	234.	-240.	10705.	50.	0101
1B105-2	162	21/40/16.75	0.25	216.	-240.	10705.	50.	0101
1B105-3	162	21/40/18.75	2.50	216.	-240.	10705.	50.	0101
1B105-4	162	21/40/23.00	1.25	216.	-240.	10705.	50.	0101
1B105-5	162	21/40/26.25	10.00	216.	-240.	10705.	50.	0101
1B105-6	162	21/40/38.00	5.00	216.	-240.	10705.	50.	0101
1B105-7	162	21/40/44.75	40.00	216.	-240.	10705.	50.	0101
1B105-8	162	21/41/26.75	19.75	216.	-240.	10705.	50.	0101

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B106-1	162	21/41/50.25	159.75	216.	-240.	10706.	50.	0101
1B106-2	162	21/58/52.50	0.25	-389.	400.	10799.	50.	0101
1B106-3	162	21/58/54.75	2.50	-389.	400.	10798.	50.	0101
1B106-4	162	21/59/25.00	2.00	-389.	400.	10799.	50.	0001
1B106-5	162	22/ 0/33.00	5.00	-389.	400.	10799.	50.	0001
1B106-6	162	22/ 1/35.50	43.00	-365.	412.	10799.	50.	0001
1B106-7	163	0/26/23.25	2.50	235.	-229.	10776.	50.	0101
1B106-8	163	0/26/27.50	0.00$	235.	-229.	10777.	50.	0101
1B107-1	163	0/26/31.50	10.00	235.	-229.	10776.	50.	0101
1B107-2	163	0/26/43.25	1.25	235.	-229.	10777.	50.	0101
1B107-3	163	0/26/46.50	40.00	235.	-229.	10776.	50.	0101
1B107-4	163	0/27/28.25	5.00	235.	-229.	10777.	50.	0101
1B107-5	163	0/27/35.00	160.00	235.	-229.	10776.	50.	0101
1B107-6	163	0/30/16.75	20.00	235.	-229.	10777.	50.	0101
1B107-7	163	0/32/ 5.75	0.50	235.	-229.	10776.	50.	0101
1B107-8	163	0/32/ 8.00	2.50	235.	-229.	10776.	50.	0101
1B108-1	163	0/32/14.25	1.25	235.	-229.	10776.	50.	0101
1B108-2	163	0/32/17.25	10.00	235.	-229.	10777.	50.	0101
1B108-3	163	0/32/29.00	5.00	235.	-229.	10776.	50.	0101
1B108-4	163	0/32/36.00	40.00	235.	-229.	10776.	50.	0101
1B108-5	163	0/33/17.75	20.00	235.	-229.	10776.	50.	0101
1B108-6	163	0/33/39.50	160.00	235.	-229.	10762.	50.	0101
1B108-7	163	0/36/21.50	2.50	235.	-229.	10763.	50.	0101
1B108-8	163	0/36/25.75	0.25	235.	-229.	10762.	50.	0101
1B109-1	163	0/36/29.75	10.00	235.	-229.	10763.	50.	0101
1B109-2	163	0/36/41.50	1.25	235.	-229.	10763.	50.	0101
1B109-3	163	0/36/44.50	40.00	235.	-229.	10763.	50.	0101
1B109-4	163	0/37/26.25	5.00	235.	-229.	10763.	50.	0101
1B109-5	163	0/37/33.25	159.75	235.	-229.	10763.	50.	0101
1B109-6	163	0/40/15.00	19.75	235.	-229.	10764.	50.	0101
1B109-7	163	0/40/38.00	0.25	235.	-229.	10764.	50.	0101
1B109-8	163	0/40/40.00	2.50	235.	-229.	10764.	50.	0101
1B110-1	163	0/40/46.25	1.25	235.	-229.	10764.	50.	0101
1B110-2	163	0/40/49.25	10.00	200.	-229.	10764.	50.	0101
1B110-3	163	0/41/ 1.25	4.75	235.	-229.	10764.	50.	0101
1B110-4	163	0/41/ 8.00	40.00	235.	-229.	10764.$	50.	0101
1B110-5	163	0/41/49.75	20.00	235.	-229.	10765.	50.	0101
1B110-6	163	0/42/11.50	160.00	235.	-229.	10766.	50.	0101
1B110-7	163	0/44/55.00	2.50	235.	-229.	10765.	50.	0101
1B110-8	163	0/44/59.50	0.25	235.	-229.	10765.	50.	0101

STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B111-1	163	0/45/ 3.25	10.00	235.	-229.	10766.	50.	0101
1B111-2	163	0/45/15.25	1.25	235.	-229.	10766.	50.	0101
1B111-3	163	0/45/18.25	40.00	235.	-229.	10766.	50.	0101
1B111-4	163	0/46/ 0.00	5.00	235.	-229.	10766.	50.	0101
1B111-5	163	0/46/ 7.00	159.75	235.	-229.	10767.	50.	0101
1B111-6	163	0/48/48.75	19.75	235.	-229.	10766.	50.	0101
1B111-7	163	0/49/59.50	0.25	235.	-229.	10766.	50.	0101
1B111-8	163	0/50/ 1.50	2.50	235.	-229.	10766.$	50.	0101
1B112-1	163	0/50/ 7.75	1.25	235.	-229.	10767.	50.	0101
1B112-2	163	0/50/10.75	10.00	235.	-229.	10767.	50.	0101
1B112-3	163	0/50/22.75	5.00	235.	-229.	10767.	50.	0101
1B112-4	163	0/50/29.50	40.00	235.	-229.	10766.	50.	0101
1B112-5	163	0/51/11.25	20.00	235.	-229.	10767.	50.	0101
1B112-6	163	0/51/33.00	160.00	235.	-229.	10768.	50.	0101
1B112-7	163	1/ 1/46.50	2.50	135.	-302.	9507.	50.	0101
1B112-8	163	1/ 1/50.75	0.25	135.	-302.	9507.$	50.	0101
1B113-1	163	1/ 1/54.75	10.00	135.	-302.	9507.	50.	0101
1B113-2	163	1/ 2/ 6.50	1.25	135.	-302.	9507.	50.	0101
1B113-3	163	1/ 2/ 9.75	40.00	135.	-302.	9507.	50.$	0101
1B113-4	163	1/ 2/51.50	5.00	135.	-302.	9507.	50.	0101
1B113-5	163	1/ 2/58.25	160.00	135.	-302.	9509.	50.	0101
1B113-6	163	1/ 5/40.25	19.75	135.	-302.	9509.	50.	0101
1B113-7	163	16/ 1/19.00	0.25	965.	34.	-9997.	50.	0101
1B113-8	163	16/ 1/21.00	2.50	965.	34.	-9997.	50.	0101
1B114-1	163	16/ 1/27.25	1.25	965.	34.	-9997.	50.	0101
1B114-2	163	16/ 1/30.25	10.00	965.	34.	-9996.	50.	0101
1B114-3	163	16/ 1/42.25	4.75	965.	34.	-9997.	50.	0101
1B114-4	163	16/ 1/49.00	40.00	965.	34.	-9997.	50.	0101
1B114-5	163	16/ 2/30.75	19.75	965.	34.	-9997.	50.	0101
1B114-6	163	16/ 2/52.50	160.00	965.	34.	-9997.	50.	0101
1B114-7	163	16/19/18.00	2.50	959.	66.	-9312.	50.	0101
1B114-8	163	16/19/22.25	0.25	959.	66.	-9312.	50.	0101
1B115-1	163	16/19/26.25	10.00	959.	66.	-9312.	50.	0101
1B115-2	163	16/19/38.00	1.00	959.	66.	-9312.	50.	0101
1B115-3	163	16/19/41.25	40.00	959.	66.	-9312.	50.	0101
1B115-4	163	16/20/23.00	5.00	959.	66.	-9312.	50.	0101
1B115-5	163	16/20/29.75	160.00	959.	66.	-9312.	50.	0101
1B115-6	163	16/23/11.50	20.00	959.	66.	-9312.	50.	0101
1B115-7	163	17/31/32.50	0.50	236.	946.	-5118.	50.	0101
1B115-8	163	17/31/34.75	2.50	236.	946.	-5118.	50.	0101

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STRIP NP	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B116-1	163	17/31/40.75	1.25	236.	946.	-5118.	50.	0101
1B116-2	163	17/31/44.00	10.00	236.	946.	-5118.	50.	0101
1B116-3	163	17/31/55.75	5.00	236.	946.	-5118.	50.	0101
1B116-4	163	17/32/ 2.50	40.00	236.	946.	-5118.	50.	0101
1B116-5	163	17/32/44.25	20.00	236.	946.	-5118.	50.	0101
1B116-6	163	17/33/ 6.00	160.00	236.	946.	-5118.	50.	0101
1B116-7	163	17/48/11.75	2.50	764.	-361.	10192.	50.	0101
1B116-8	163	17/48/16.25	0.25	764.	-361.	10192.	50.	0101
1B117-1	163	17/48/20.25	10.00	764.	-361.	10192.	50.	0101
1B117-2	163	17/48/32.00	1.25	764.	-361.	10192.	50.	0101
1B117-3	163	17/48/35.00	40.00	764.	-361.	10192.	50.	0101
1B117-4	163	17/49/17.00	3.00	764.	-361.	10192.	50.	0101
1B117-5	163	17/49/23.75	160.00	764.	-361.	10192.	50.	0101
1B117-6	163	17/52/ 5.50	19.50	764.	-361.	10192.	50.	0101
1B117-7	163	18/ 1/ 2.00	0.50	771.	-362.	10193.	50.	0101
1B117-8	163	18/ 1/ 4.25	2.50	771.	-362.	10193.	50.	0101
1B118-1	163	18/ 1/10.50	1.25	771.	-362.	10193.	50.	0101
1B118-2	163	18/ 1/13.50	10.00	771.	-362.	10193.	50.	0101
1B118-3	163	18/ 1/25.50	5.00	771.	-362.	10193.	50.	0101
1B118-4	163	18/ 1/32.25	40.00	771.	-362.	10193.	50.	0101
1B118-5	163	18/ 2/14.00	20.00	771.	-362.	10193.	50.	0101
1B118-6	163	18/ 2/35.75	160.00	771.	-362.	10193.	50.	0101
1B118-7	163	19/16/39.25	2.50	500.	224.	-9308.	50.	0101
1B118-8	163	19/16/43.50	0.00$	500.	224.	-9308.	50.	0101
1B119-1	163	19/16/47.50	10.00	500.	224.	-9308.	50.	0101
1B119-2	163	19/16/59.50	1.25	500.	224.	-9308.	50.	0101
1B119-3	163	19/17/ 2.50	40.00	500.	224.	-9308.	50.	0101
1B119-4	163	19/17/44.50	5.00	500.	224.	-9308.	50.	0101
1B119-5	163	19/17/51.25	160.00	500.	224.	-9308.	50.	0101
1B119-6	163	19/20/33.00	20.00	500.	224.	-9308.	50.	0101
1B119-7	163	19/31/51.75	0.25	500.	224.	-9308.	50.	0101
1B119-8	163	19/31/53.75	2.50	500.	224.	-9308.$	50.	0101
1B120-1	163	19/32/ 0.00	1.25	500.	224.	-9308.	50.	0101
1B120-2	163	19/32/ 3.00	10.00	500.	224.	-9308.	50.	0101
1B120-3	163	19/32/14.75	5.00	500.	224.	-9308.	50.	0101
1B120-4	163	19/32/21.50	40.25	500.	224.	-9308.	50.	0101
1B120-5	163	19/33/ 3.50	19.75	500.	224.	-9308.	50.	0101
1B120-6	163	19/33/25.25	159.75	500.	224.	-9308.	50.	0101
1B120-7	163	20/35/27.00	2.50	506.	224.	-9480.	50.	0101
1B120-8	163	20/35/31.25	0.50	506.	224.	-9482.	50.	0101

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B121-1	163	20/35/35.25	10.00	506.	224.	-9480.	50.	0101
1B121-2	163	20/35/47.25	1.25	505.	224.	-9480.	50.	0101
1B121-3	163	20/35/50.25	40.00	506.	224.	-9480.	50.	0101
1B121-4	163	20/36/32.00	5.00	506.	224.	-9480.	50.	0101
1B121-5	163	20/36/38.75	160.00	506.	224.	-9480.	50.	0101
1B121-6	163	20/39/20.50	20.00	506.	224.	-9480.	50.	0101
1B121-7	163	20/53/27.75	0.25	511.	224.	-9476.	50.	0101
1B121-8	163	20/53/29.75	2.50	511.	224.	-9476.	50.	0101
1B122-1	163	20/53/36.00	1.25	511.	224.	-9476.	50.	0101
1B122-2	163	20/53/39.25	10.00	511.	224.	-9476.	50.	0101
1B122-3	163	20/53/51.00	5.00	511.	224.	-9476.	50.	0101
1B122-4	163	20/53/57.75	40.00	511.	224.	-9476.	50.	0101
1B122-5	163	20/54/39.50	20.00	511.	224.	-9476.	50.	0101
1B122-6	163	20/55/ 1.25	160.00	511.	224.	-9476.	50.	0101
1B122-7	163	21/ 2/12.25	2.50	517.	224.	-9476.	50.	0101
1B122-8	163	21/ 2/16.50	0.50	517.	224.	-9476.	50.	0101
1B123-1	163	21/ 2/20.50	10.00	517.	224.	-9475.	50.	0101
1B123-2	163	21/ 2/32.25	1.25	517.	224.	-9476.	50.	0101
1B123-3	163	21/ 2/35.50	40.00	517.	224.	-9474.	50.	0101
1B123-4	163	21/ 3/17.25	5.00	517.	224.	-9475.	50.	0101
1B123-5	163	21/ 3/24.00	160.00	517.	224.	-9474.	50.	0101
1B123-6	163	21/ 6/ 5.75	20.00	517.	224.	-9474.	50.	0101
1B123-7	163	21/26/15.50	9.25	151.	157.	-3480.	50.	0001
1B123-8	163	21/26/29.50	9.75	151.	157.	-3480.	50.	0001
1B124-1	163	21/26/44.25	10.00	151.	157.	-3479.	50.	0001
1B124-2	163	21/26/59.50	11.25	151.	157.	-3479.	50.	0001
1B124-3	163	21/27/14.50	10.00	151.	157.	-3479.	50.	0001
1B124-4	163	21/27/29.50	10.00	151.	157.	-3480.	50.	0001
1B124-5	163	21/27/44.50	9.50	151.	157.	-3479.	50.	0001
1B124-6	163	21/27/59.75	10.25	151.	157.	-3479.	50.	0001
1B124-7	163	21/28/14.50	10.25	151.	157.	-3480.	50.	0001
1B124-8	163	22/21/29.25	0.00$	200.	-186.	-8413.$	50.	0101
1B125-1	163	22/21/35.50	0.00$	200.	-186.	-8413.	50.	0101
1B125-2	163	22/21/37.75	10.00	200.	-186.	-8413.	50.	0101
1B125-3	163	22/21/49.50	1.25	200.	-186.	-8413.	50.	0101
1B125-4	163	22/21/52.50	40.00	200.	-186.	-8412.	50.	0101
1B125-5	163	22/22/34.50	4.50	200.	-186.	-8412.	50.	0101
1B125-6	163	22/22/41.25	159.75	200.	-186.	-8413.	50.	0101
1B125-7	163	22/25/23.00	19.75	200.	-186.	-8412.	50.	0101
1B125-8	163	22/29/39.75	0.25	-1.	-274.	9553.	50.	0101

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B126-1	163	22/29/43.75	2.50	-1.	-274.	9553.	50.	0101
1B126-2	163	22/29/48.00	1.25	-1.	-274.	9553.	50.	0101
1B126-3	163	22/29/51.00	10.00	-1.	-274.	9553.	50.	0101
1B126-4	163	22/30/ 3.00	0.00$	-1.	-274.	9553.$	50.	0101
1B126-5	163	22/30/ 9.75	40.00	-1.	-274.	9553.	50.	0101
1B126-6	163	22/30/51.50	20.00	-1.	-274.	9553.	50.	0101
1B126-7	163	22/31/13.25	160.00	-1.	-274.	9553.	50.	0101
1B126-8	163	22/40/29.25	2.50	234.	-210.	-8183.	50.	0101
1B127-1	163	22/40/35.50	0.25	234.	-210.	-8183.	50.	0101
1B127-2	163	22/40/37.50	10.00	234.	-210.	-8184.	50.	0101
1B127-3	163	22/40/49.50	1.25	234.	-210.	-8184.	50.	0101
1B127-4	163	22/40/52.50	40.25	234.	-210.	-8184.	50.	0001
1B127-5	163	22/41/34.25	5.00	234.	-210.	-8183.	50.	0101
1B127-6	163	22/41/41.00	160.00	231.	-210.	-8182.	50.	0101
1B127-7	163	22/44/22.75	20.00	234.	-210.	-8182.	50.	0101
1B127-8	163	22/58/ 9.25	2.25	206.	167.	-3465.	50.	0001
1B128-1	163	22/58/13.25	2.00	206.	167.	-3465.	50.	0001
1B128-2	163	22/58/17.00	2.00	206.	167.	-3465.	50.	0001
1B128-3	163	22/58/20.75	2.25	206.	167.	-3466.	50.	0001
1B128-4	163	22/58/25.00	2.25	206.	167.	-3466.	50.	0001
1B128-5	163	22/58/29.25	2.00	206.	167.	-3467.	50.	0001
1B128-6	163	22/58/33.25	2.25	206.	167.	-3467.	50.	0001
1B128-7	163	22/58/37.25	2.00	206.	167.	-3466.	50.	0001
1B128-8	163	22/58/41.00	2.00	206.	167.	-3465.	50.	0001
1B129-1	163	22/58/45.00	2.00	206.	167.	-3465.	50.	0001
1B129-2	163	22/58/49.00	1.00	206.	167.	-3466.	50.	0001
1B129-3	163	22/58/53.00	2.00	206.	167.	-3465.	50.	0001
1B129-4	163	22/58/57.00	2.00	206.	167.	-3466.	50.	0001
1B129-5	163	22/59/ 1.00	2.00	206.	167.	-3466.	50.	0001
1B129-6	163	22/59/ 5.25	2.25	206.	167.	-3466.	50.	0001
1B129-7	163	22/59/ 9.50	1.75	206.	167.	-3466.	50.	0001
1B129-8	163	22/59/13.00	2.25	206.	167.	-3466.	50.	0001
1B130-1	163	22/59/17.00	2.00	206.	167.	-3466.	50.	0001
1B130-2	163	22/59/21.00	2.00	209.	167.	-3466.	50.	0001
1B130-3	163	22/59/25.00	2.00	206.	167.	-3466.	50.	0001
1B130-4	163	22/59/29.25	2.00	206.	167.	-3466.	50.	0001
1B130-5	163	22/59/33.25	2.00	206.	167.	-3466.	50.	0001
1B130-6	163	22/59/37.00	2.25	206.	167.	-3466.	50.	0001
1B130-7	163	22/59/41.25	2.00	206.	167.	-3466.	50.	0001
1B130-8	163	22/59/45.25	2.00	206.	167.	-3465.	50.	0001

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B131-1	163	22/59/49.25	2.00	206.	167.	-3465.	50.	0001
1B131-2	163	22/59/53.25	2.00	206.	167.	-3465.	50.	0001
1B131-3	163	22/59/57.25	2.25	206.	167.	-3465.	50.	0001
1B131-4	163	23/ 0/ 1.25	2.00	206.	167.	-3465.	50.	0001
1B131-5	163	20/ 0/ 5.00	2.00	206.	167.	-3465.	50.	0001
1B131-6	163	23/ 0/ 9.25	1.75	206.	167.	-3465.	50.	0001
1B131-7	163	23/ 0/13.00	2.00	206.	167.	-3465.	50.	0001
1B131-8	163	23/ 0/17.00	2.00	206.	167.	-3465.	50.	0001
1B132-1	163	23/ 0/21.25	2.00	206.	167.	-3465.	50.	0001
1B132-2	163	23/ 0/25.25	2.00	206.	167.	-3465.	50.	0001
1B132-3	163	23/ 0/29.25	2.00	206.	167.	-3465.	50.	0001
1B132-4	163	23/ 0/33.25	2.00	206.	167.	-3465.	50.	0001
1B132-5	163	23/ 0/37.50	1.75	206.	167.	-3465.	50.	0001
1B132-6	163	23/ 0/41.00	2.00	206.	167.	-3465.	50.	0001
1B132-7	163	23/ 0/45.00	2.00	206.	167.	-3465.	50.	0001
1B132-8	163	31/ 0/49.25	2.00	206.	167.	-3465.	50.	0001
1B133-1	163	23/ 0/53.00	2.00	206.	167.	-3465.	50.	0001
1B133-2	163	23/ 0/57.25	2.00	206.	167.	-3465.	50.	0001
1B133-3	163	23/ 1/ 1.25	2.00	206.	167.	-3465.	50.	0001
1B133-4	163	23/ 1/ 5.25	1.75	206.	167.	-3465.	50.	0001
1B133-5	163	23/ 1/ 9.00	2.00	206.	167.	-3465.	50.	0001
1B133-6	163	23/ 1/13.00	1.00	206.	167.	-3465.	50.	0001
1B133-7	164	18/19/35.25	0.25	600.	550.	-7499.	50.	0101
1B133-8	164	18/19/37.25	2.50	600.	550.	-7499.	50.	0101
1B134-1	164	18/19/43.50	1.25	600.	550.	-7499.	50.	0101
1B134-2	164	18/19/46.50	10.00	600.	550.	-7499.	50.	0101
1B134-3	164	18/19/58.25	5.00	600.	550.	-7499.	50.	0101
1B134-4	164	18/20/ 5.00	40.00	600.	550.	-7499.	50.	0101
1B134-5	164	18/20/46.75	20.00	600.	550.	-7499.	50.	0101
1B134-6	164	18/21/ 8.50	160.00	600.	550.	-7499.	50.	0101
1B134-7	164	19/55/ 5.75	2.50	-942.	1.	8701.	-12.	1001
1B134-8	164	19/55/10.00	0.00*	-942.	1.	8701.	-12.	1001
1B135-1	164	19/55/14.00	10.00	-942.	1.	8701.	-12.	1001
1B135-2	164	19/55/25.75	1.25	-942.	1.	8701.	-12.	1001
1B135-3	164	19/55/29.00	40.00	-942.	1.	8701.	12.	1001
1B135-4	164	19/56/11.00	0.00$	-942.	1.	8701.	-12.	1001
1B135-5	164	19/56/17.75	160.00	-942.	1.	8701.$	-12.	1001
1B135-6	164	19/58/59.50	19.50	-942.	1.	8701.	-12.	1001
1B135-7	164	19/59/21.25	2.50	-942.	1.	8701.	-4.	1001
1B135-8	164	19/59/25.50	0.25	-942.	1.	8701.	-4.	1001

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B136-1	164	19/59/29.50	10.00	-942.	1.	8701.	-4.	1001
1B136-2	164	19/59/41.25	1.25	-942.	1.	8701.	-4.	1001
1B136-3	164	19/59/44.25	40.00	-942.	1.	8701.	-4.	1001
1B136-4	164	20/ 0/26.25	5.00	-942.	1.	8701.	-4.	1001
1B136-5	164	20/ 0/33.00	160.00	-942.	1.	8760.	-4.	1001
1B136-6	164	20/ 3/14.75	20.00	-942.	1.	8760.	-4.	1001
1B136-7	164	20/ 3/36.50	2.50	-942.	1.	8760.	-2.	1001
1B136-8	164	20/ 3/41.50	0.25	-942.	1.	8760.	-1.	1001
1B137-1	164	20/ 3/44.00	10.00	-942.	1.	8760.	-2.	1001
1B137-2	164	20/ 3/55.75	1.25	-942.	1.	8760.	-2.	1001
1B137-3	164	20/ 3/58.75	40.00	-942.	1.	8760.	-2.	1001
1B137-4	164	20/ 4/40.50	5.00	-942.	1.	8761.	-2.	1001
1B137-5	164	20/ 4/47.50	159.75	-942.	1.	8761.	-2.	1001
1B137-6	164	20/ 7/29.25	19.75	-942.	1.	8762.	-2.	1001
1B137-7	164	20/ 7/50.75	2.50	-942.	1.	8761.	0.	1001
1B137-8	164	20/ 7/55.25	0.25	-942.	1.	8761.	0.	1001
1B138-1	164	20/ 7/59.00	10.00	-942.	1.	8762.	0.	1001
1B138-2	164	20/ 8/11.00	1.25	-942.	1.	8761.	0.	1001
1B138-3	164	20/ 8/14.00	40.00	-942.	1.	8762.	0.	1001
1B138-4	164	20/ 8/55.75	5.00	-942.	1.	8762.	0.	1001
1B138-5	164	20/ 9/ 2.50	160.00	-942.	1.	8762.	0.	1001
1B138-6	164	20/11/44.50	19.75	-942.	1.	8764.	0.	1001
1B138-7	164	20/12/ 6.00	10.00	-942.	1.	8762.	+2.	1001
1B138-8	164	20/12/18.00	2.50	-942.	1.	8763.	+2.	1001
1B139-1	164	20/12/24.00	40.00	-942.	1.	8762.	+2.	1001
1B139-2	164	20/13/ 6.00	10.00	-942.	1.	8764.	+2.	1001
1B139-3	164	20/13/17.75	160.00	-942.	1.	8764.	+2.	1001
1B139-4	164	20/15/59.50	40.00	-942.	1.	8763.	+2.	1001
1B139-5	164	20/16/41.25	640.00	-942.	1.	8765.	2.	1001
1B139-6	164	20/27/23.00	160.00	-942.	1.	8766.	+2.	0001
1B139-7	164	20/30/ 4.00	10.00	-942.	1.	8767.	4.	1001
1B139-8	164	20/30/16.00	2.50	-942.	1.	8767.	5.	1001
1B140-1	164	20/30/22.00	40.00	-942.	1.	8766.	5.	1001
1B140-2	164	20/31/ 4.00	10.00	-942.	1.	8766.	4.	1001
1B140-3	164	20/31/15.75	160.00	-942.	1.	8767.	4.	1001
1B140-4	164	20/33/57.50	40.00	-942.	1.	8767.	4.	1001
1B140-5	164	20/34/39.50	471.25	-942.	1.	8770.	4.	1001
1B140-6	164	21/25/11.75	159.75	-944.	1.	5673.	4.	1001
1B140-7	164	21/27/53.50	10.00	-944.	1.	5673.$	6.	1001
1B140-8	164	21/28/ 5.25	2.50	-944.	1.	5673.	6.	1001

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B141-1	164	21/28/11.50	39.50	-944.	1.	5673.	6.	1001
1B141-2	164	21/28/53.25	10.00	-944.	1.	5673.	6.	1001
1B141-3	164	21/29/ 5.00	160.00	-944.	1.	5673.	6.	1001
1B141-4	164	21/31/46.75	40.00	-944.	1.	5673.	7.	1001
1B141-5	164	21/32/28.75	639.75	-944.	1.	8800.	7.	1001
1B141-6	164	21/43/10.50	160.00	-944.	1.	8802.	6.	1001
1B141-7	164	21/45/52.25	10.00	-944.	1.	8801.	8.	1001
1B141-8	164	21/46/ 4.00	2.50	-944.	1.	8800.	8.	1001
1B142-1	164	21/46/10.25	40.00	-944.	1.	8800.	8.	1001
1B142-2	164	21/46/52.00	10.00	-944.	1.	8801.	8.	1001
1B142-3	164	21/47/ 3.75	160.00	-944.	1.	8802.	9.	1001
1B142-4	164	21/49/45.75	40.00	-944.	1.	8802.	8.	1001
1B142-5	164	21/50/27.50	639.50	-944.	1.	8804.	9.	1001
1B142-6	164	22/ 1/ 9.25	160.00	-944.	1.	8805.	8.	1001
1B142-7	164	22/ 3/51.00	10.00	-944.	1.	8805.	12.$	1001
1B142-8	164	22/ 4/ 2.75	4.00	-944.	1.	8805.	12.	1001
1B143-1	164	22/ 4/10.50	64.00	-944.	1.	8805.	12.	1001
1B143-2	164	22/ 5/16.25	16.00	-944.	1.	8805.$	12.	1001
1B143-3	164	22/ 5/34.00	256.25	-944.	1.	8806.	12.	1001
1B143-4	164	22/ 9/52.00	64.00	-944.	1.	8807.	12.	1001
1B143-5	164	22/10/57.75	316.00	-944.	1.	8809.	12.	1001
1B143-6	164	22/58/27.25	2.50	-915.	0.	8770.	50.	0101
1B143-7	164	22/58/31.75	0.25	-915.	0.	8770.	50.	0101
1B143-8	164	22/58/33.75	10.00	-915.	0.	8770.	50.	0101
1B144-1	164	22/58/47.50	1.25	-915.	0.	8770.	50.	0101
1B144-2	164	22/58/50.50	40.00	-915.	0.	8770.	50.	0101
1B144-3	164	22/59/32.25	5.00	-915.	0.	8770.	50.	0101
1B144-4	164	22/59/39.25	159.75	-915.	0.	8770.	50.	1101
1B144-5	164	23/ 2/21.00	19.75	-915.	0.	8770.	50.	0101
1B144-6	164	23/13/34.25	0.25	-890.	0.	8708.	50.	0101
1B144-7	164	23/13/36.25	2.50	-890.	0.	8708.	50.	0101
1B144-8	164	23/13/40.50	1.25	-890.	0.	8708.	50.	0101
1B145-1	164	23/13/45.50	10.00	-890.	0.	8708.	50.	0101
1B145-2	164	23/13/57.25	5.00	-890.	0.	8708.	50.	0101
1B145-3	164	23/14/ 4.25	39.75	-890.	0.	8708.	50.	0101
1B145-4	164	23/14/46.00	19.75	-890.	0.	8708.	50.	0101
1B145-5	164	23/15/ 7.75	159.75	-890.	0.	8708.	50.	0101
1B145-6	164	23/31/56.50	2.50	-659.	2.	8712.	50.	0101
1B145-7	164	23/32/ 1.00	0.25	-626.	79.	8712.	50.	0101
1B145-8	164	23/32/ 3.00	10.00	-595.	79.	8712.	50.	0101

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B146-1	164	23/32/16.75	1.25	-599.	45.	8712.	50.	0101
1B146-2	164	23/32/19.75	40.00	-584.	-1.	8713.	50.	0101
1B146-3	164	23/33/ 1.50	5.00	-646.	-31.	8713.	50.	0101
1B146-4	164	23/33/ 8.50	159.75	-585.	10.	8714.	50.	0101
1B146-5	164	23/35/50.25	19.75	-760.	-77.	8714.	50.	0101
1B146-6	165	0/31/27.50	0.50	-640.	-1.	8772.	50.	0101
1B146-7	165	0/31/29.75	2.50	-640.	-1.	8772.	50.	0101
1B146-8	165	0/31/34.00	1.00	-640.	-1.	8772.	50.	0101
1B147-1	165	0/31/39.00	10.00	-640.	-1.	8772.	50.	0101
1B147-2	165	0/31/50.75	5.00	-640.	-1.	8772.	50.	0101
1B147-3	165	0/31/57.50	40.00	-640.	-1.	8772.	50.	0101
1B147-4	165	0/32/39.50	19.75	-640.	-1.	8772.	50.	0101
1B147-5	165	0/33/ 1.00	160.00	-640.	-1.	8772.	50.	0101
1B147-6	165	17/40/11.00	2.50	536.	-277.	10472.	50.	0101
1B147-7	165	17/40/15.25	0.25	536.	-277.	10472.	50.	0101
1B147-8	165	17/40/17.25	10.00	536.	-277.	10472.	50.	0101
1B148-1	165	17/40/31.00	1.25	536.	-277.	10472.	50.	0111
1B148-2	165	17/40/34.00	40.00	536.	-277.	10472.	50.	0101
1B148-3	165	17/41/15.75	5.00	536.	-277.	10472.	50.	0101
1B148-4	165	17/41/22.75	160.00	536.	-277.	10473.	50.	0101
1B148-5	165	17/44/ 4.50	19.75	536.	-277.	10473.$	50.	0101
1B148-6	165	17/51/38.75	0.50	536.	-277.	10472.	50.	0101
1B148-7	165	17/51/41.00	2.50	536.	-277.	10473.	50.	0101
1B148-8	165	17/51/45.25	1.25	536.	-277.	10472.	50.	0101
1B149-1	165	17/51/50.25	10.00	536.	-277.	10473.	50.	0101
1B149-2	165	17/52/ 2.00	5.00	536.	-277.	10472.	50.	0101
1B149-3	165	17/52/ 8.75	40.00	536.	-277.	10472.	50.	0101
1B149-4	165	17/52/50.75	19.75	536.	-277.	10472.	50.	0101
1B149-5	165	17/53/12.25	160.00	536.	-277.	10472.	50.	0101
1B149-6	165	19/18/40.75	2.50	75.	549.	-4675.	50.	0101
1B149-7	165	19/18/45.00	0.50	75.	549.	-4675.	50.	0101
1B149-8	165	19/18/47.25	10.00	75.	549.	-4675.	50.	0101
1B150-1	165	19/19/ 1.00	1.00	75.	549.	-4675.	50.	0101
1B150-2	165	19/19/ 3.25	40.00	75.	549.	-4709.	50.	0101
1B150-3	165	19/19/45.00	5.00	75.	549.	-4709.	50.	0101
1B150-4	165	19/19/51.75	160.00	75.	549.	-4898.	50.	0101
1B150-5	165	19/22/33.50	20.00	75.	549.	-4898.	50.	0101
1B150-6	165	19/26/18.00	0.25	24.	651.	-4920.	50.	0101
1B150-7	165	19/26/20.25	2.50	24.	651.	-4869.	50.	0101
1B150-8	165	19/26/24.50	1.25	24.	651.	-4860.	50.	0101

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B151-1	165	19/26/29.50	10.00	24.	651.	-4794.	50.	0101
1B151-2	165	19/26/41.25	5.00	24.	651.	-4827.	50.	0101
1B151-3	165	19/26/48.00	40.00	24.	651.	-4849.	50.	0101
1B151-4	165	19/27/29.75	20.00	24.	651.	-4894.	50.	0101
1B151-5	165	19/27/51.50	160.00	24.	651.	-4873.	50.	0101
1B151-6	165	19/39/29.25	2.50	446.	440.	-6575.	50.	0101
1B151-7	165	19/39/33.50	0.25	446.	440.	-6575.	50.	0101
1B151-8	165	19/39/35.50	10.00	446.	440.	-6575.	50.	0101
1B152-1	165	19/39/49.25	1.25	446.	440.	-6575.	50.	0101
1B152-2	165	19/39/52.25	40.00	446.	440.	-6575.	50.	0101
1B152-3	165	19/40/34.25	5.00	446.	440.	-6575.	50.	0101
1B152-4	165	19/40/41.00	160.00	446.	440.	-6575.	50.	0101
1B152-5	165	19/43/23.00	19.75	446.	440.	-6575.	50.	0101
1B152-6	165	20/53/ 7.00	0.50	274.	-466.	8314.	50.	0101
1B152-7	165	20/53/ 9.25	2.50	274.	-466.	8313.	50.	0101
1B152-8	165	20/53/13.75	1.25	274.	-466.	8313.	50.	0101
1B153-1	165	20/53/18.50	10.00	274.	-466.	8314.	50.	0101
1B153-2	165	20/53/30.50	4.50	274.	-466.	8314.	50.	0101
1B153-3	165	20/53/37.25	40.00	274.	-466.	8314.	50.	0101
1B153-4	165	20/54/19.00	20.00	274.	-466.	8313.	50.	0101
1B153-5	165	20/54/40.75	160.00	274.	-466.	8314.	50.	0101
1B153-6	165	21/ 0/42.25	2.25	212.	-502.	8314.	50.	0101
1B153-7	165	21/ 0/46.50	0.25	212.	-502.	8314.	50.	0101
1B153-8	165	21/ 0/48.50	10.00	212.	-502.	8313.	50.	0101
1B154-1	165	21/ 1/ 2.25	1.25	212.	-502.	8314.	50.	0101
1B154-2	165	21/ 1/ 5.25	40.00	212.	-502.	8313.	50.	0101
1B154-3	165	21/ 1/47.25	4.75	212.	-502.	8314.	50.	0101
1B154-4	165	21/ 1/54.00	159.00	212.	-502.	8314.	50.	0101
1B154-5	165	21/ 4/35.75	19.75	212.	-502.	8314.	50.	0101
1B154-6	165	21/21/ 9.25	0.50	423.	-212.	-10639.	50.	0101
1B154-7	165	21/21/11.50	2.50	423.	-212.	-10639.	50.	0101
1B154-8	165	21/21/15.75	1.25	423.	-212.	-10639.	50.	0101
1B155-1	165	21/21/20.75	10.00	423.	-212.	-10639.	50.	0101
1B155-2	165	21/21/32.50	5.00	423.	-212.	-10639.	50.	0101
1B155-3	165	21/21/39.25	40.00	423.	-212.	-10639.	50.	0101
1B155-4	165	21/22/21.00	20.00	423.	-212.	-10639.	50.	0101
1B155-5	165	21/22/42.75	160.00	423.	-212.	-10639.	50.	0101
1B155-6	165	22/16/20.50	2.50	464.	-161.	-10323.	50.	0101
1B155-7	165	22/16/24.75	0.50	464.	-161.	-10323.	50.	0101
1B155-8	165	22/16/27.00	10.00	464.	-161.	-10323.	50.	0101

STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B156-1	165	22/16/40.75	1.25	464.	-161.	-10323.	50.	0101
1B156-2	165	22/16/43.75	40.00	464.	-161.	-10321.	50.	0101
1B156-3	165	22/17/25.50	5.00	464.	-161.	-10323.	50.	0101
1B156-4	165	22/17/32.25	160.00	464.	-161.	-10323.	50.	0101
1B156-5	165	22/20/14.00	20.00	464.	-161.	-10321.	50.	0101
1B156-6	166	12/18/27.50	0.25	386.	97.	-8092.	50.	0101
1B156-7	166	12/18/29.75	2.50	386.	97.	-8092.	50.	0101
1B156-8	166	12/18/34.00	1.25	386.	97.	-8092.	50.	0101
1B157-1	166	12/18/38.75	9.25*	386.	97.	-8092.	50.	0101
1B157-2	166	12/18/50.75	5.00	386.	97.	-8092.	50.	0101
1B157-3	166	12/18/57.50	40.00	386.	97.	-8092.	50.	0101
1B157-4	166	12/19/39.25	20.00	386.	97.	-8092.	50.	0101
1B157-5	166	12/20/ 1.00	160.00	386.	97.	-8092.	50.	0101
1B157-6	166	12/42/35.75	2.50	342.	370.	-5586.	50.	0101
1B157-7	166	12/42/40.00	0.25	342.	370.	-5586.	50.	0101
1B157-8	166	12/42/42.00	10.00	342.	370.	-5586.	50.	0101
1B158-1	166	12/42/55.75	1.25	342.	370.	-5586.	50.	0101
1B158-2	166	12/42/58.75	40.00	342.	370.	-5585.	50.	0101
1B158-3	166	12/43/40.75	5.00	342.	370.	-5586.	50.	0101
1B158-4	166	12/43/47.50	160.00	342.	370.	-5584.	50.	0101
1B158-5	166	12/46/29.25	19.75	342.	370.	-5584.	50.	0101
1B158-6	166	13/ 5/36.75	5.00	316.	-434.	8967.	50.	0001
1B158-7	166	13/ 5/47.75	5.25	316.	-434.	8967.	50.	0001
1B158-8	166	13/ 5/57.50	4.50	316.	-434.	8967.	50.	0001
1B159-1	166	13/ 6/ 7.00	5.00	316.	-434.	8967.	50.	0001
1B159-2	166	13/ 6/17.00	5.00	316.	-434.	8967.	50.	0001
1B159-3	166	13/ 6/27.00	5.00	316.	-434.	8967.	50.	0001
1B159-4	166	13/ 6/37.00	4.75	316.	-434.	8967.	50.	0001
1B159-5	166	13/ 6/47.00	1.00*	316.	-434.	8967.	50.	0001
1B159-6	166	13/ 6/56.75	5.25	316.	-434.	8967.	50.	0001
1B159-7	166	13/ 7/ 7.00	5.00	316.	-434.	8968.	50.	0001
1B159-8	166	13/ 7/16.75	5.25	316.	-434.	8967.	50.	0001
1B160-1	166	13/ 7/27.00	5.00	316.	-434.	8968.	50.	0001
1B160-2	166	13/ 7/37.00	3.00	316.	-434.	8968.	50.	0001
1B160-3	166	13/ 7/47.00	5.00	316.	-434.	8968.	50.	0001
1B160-4	166	13/ 7/56.75	5.25	316.	-434.	8968.	50.	0001
1B160-5	166	13/ 8/ 7.00	5.00	316.	-434.	8968.	50.	0001
1B160-6	166	13/ 8/17.00	5.00	316.	-434.	8968.	50.	0001
1B160-7	166	13/ 8/27.00	5.00	316.	-434.	8968.	50.	0001
1B160-8	166	13/ 8/36.75	5.25	316.	-434.	8968.	50.	0001

STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B161-1	166	13/ 8/46.75	5.00	316.	-434.	8968.	50.	0001
1B161-2	166	13/ 8/57.00	4.75	316.	-434.	8969.	50.	0001
1B161-3	166	13/ 9/ 7.00	5.00	316.	-434.	8969.	50.	0001
1B161-4	166	13/ 9/17.00	5.00	316.	-434.	8969.	50.	0001
1B161-5	166	13/ 9/26.75	5.25	316.	-434.	8969.	50.	0001
1B161-6	166	13/ 9/37.00	5.00	316.	-434.	8968.	50.	0001
1B161-7	166	13/ 9/46.75	5.25	316.	-434.	8969.	50.	0001
1B161-8	166	13/ 9/56.75	5.25	316.	-434.	8969.	50.	0001
1B162-1	166	13/10/ 6.75	5.25	316.	-434.	8969.	50.	0001
1B162-2	166	13/10/17.00	5.00	316.	-434.	8969.	50.	0001
1B162-3	166	13/52/26.75	2.50	941.	-177.	-10209.$	50.	0101
1B162-4	166	13/52/31.00	0.50	941.	-177.	-10209.	50.	0101
1B162-5	166	13/52/33.25	10.00	941.	-177.	-10209.	50.	0101
1B162-6	166	13/52/45.00	1.25	941.	-177.	-10209.	50.	0101
1B162-7	166	13/52/48.25	39.75	941.	-177.	-10209.	50.	0101
1B162-8	166	13/53/30.00	5.00	941.	-177.	-10209.	50.	0101
1B163-1	166	13/53/38.50	160.00	941.	-177.	-10209.	50.	0101
1B163-2	166	13/56/20.25	20.00	941.	-177.	-10209.	50.	0101
1B163-3	166	14/ 8/31.25	0.25	941.	-177.	-10228.	50.	0101
1B163-4	166	14/ 8/33.25	2.50	941.	-177.	-10228.	50.	0101
1B163-5	166	14/ 8/37.75	1.25	941.	-177.	-10228.	50.	0101
1B163-6	166	14/ 8/40.75	10.00	941.	-177.	-10228.	50.	0101
1B163-7	166	14/ 8/52.50	5.00	941.	-177.	-10228.	50.	0101
1B163-8	166	14/ 8/59.25	40.00	941.	-177.	-10228.	50.	0101
1B164-1	166	14/ 9/43.00	20.00	941.	-177.	-10228.	50.	0101
1B164-2	166	14/10/ 4.75	43.25	941.	-177.	-10228.	50.	0101
1B164-3	166	14/11/36.50	0.25	-410.	-365.	-10228.	50.	0011
1B164-4	166	14/11/37.00	1.25	-410.	-365.	-10228.	50.	0011
1B164-5	166	14/11/38.50	5.00	-410.	-365.	-10228.	50.	0011
1B164-6	166	14/11/43.75	20.00	-410.	-365.	-10227.	50.	0011
1B164-7	166	14/12/ 4.00	0.25	-410.	-365.	-10227.	50.	0011
1B164-8	166	14/12/ 4.50	1.25	-410.	-365.	-10227.	50.	0011
1B165-1	166	14/12/ 7.75	5.00	-410.	-365.	-10227.	50.	0011
1B165-2	166	14/12/13.00	20.00	-410.	-365.	-10227.	50.	0011
1B165-3	166	14/12/34.75	0.00	-410.	-365.	-10227.	50.	0011
1B165-4	166	14/12/35.00	0.75	-410.	-365.	-10227.	50.	0011
1B165-5	166	14/12/35.75	2.50	-410.	-365.	-10227.	50.	0011
1B165-6	166	14/12/38.50	10.00	-410.	-365.	-10227.	50.	0011
1B165-7	166	14/12/49.25	0.25	-410.	-365.	-10227.	50.	0011
1B165-8	166	14/12/49.75	1.25	-410.	-365.	-10227.	50.	0011

STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B166-1	166	14/12/53.00	5.00	-410.	-365.	-10227.	50.	0011
1B166-2	166	14/12/58.25	20.00	-410.	-365.	-10227.	50.	0011
1B166-3	166	14/13/18.50	0.25	-410.	-365.	-10227.	50.	0011
1B166-4	166	14/13/19.00	1.25	-410.	-365.	-10227.	50.	0011
1B166-5	166	14/13/20.25	5.00	-410.	-365.	-10227.	50.	0011
1B166-6	166	14/13/25.50	20.00	-410.	-365.	-10227.	50.	0011
1B166-7	166	14/13/47.25	0.25	-410.	-365.	-10227.	50.	0011
1B166-8	166	14/13/47.75	0.50	-410.	-365.	-10227.	50.	0011
1B167-1	166	14/13/50.25	2.50	-410.	-365.	-10227.	50.	0011
1B167-2	166	14/13/53.00	10.00	-410.	-365.	-10227.	50.	0011
1B167-3	166	14/14/ 5.00	1.00	-410.	-365.	-10226.	50.	0011
1B167-4	166	14/14/ 6.25	5.00	-410.	-365.	-10227.	50.	0011
1B167-5	166	14/14/11.50	19.75	-410.	-365.	-10227.	50.	0011
1B167-6	166	14/14/31.50	80.25	-410.	-365.	-10226.	50.	0011
1B167-7	166	14/15/53.25	0.25	-410.	-365.	-10227.	50.	0011
1B167-8	166	14/15/53.75	0.50	-410.	-365.	-10226.	50.	0011
1B168-1	166	14/15/56.25	2.50	-410.	-365.	-10226.	50.	0011
1B168-2	166	14/15/59.00	10.00	-410.	-365.	-10226.	50.	0011
1B168-3	166	14/18/ 7.25	1.25	-410.	-365.	-10225.	50.	0011
1B168-4	166	14/18/ 8.75	5.00	-410.	-365.	-10225.	50.	0011
1B168-5	166	14/18/13.75	20.00	-410.	-365.	-10225.	50.	0011
1B168-6	166	14/18/34.00	80.25	-410.	-365.	-10223.	50.	0011
1B168-7	166	14/19/56.00	0.25	-410.	-365.	-10223.	50.	0011
1B168-8	166	14/19/56.50	0.50	-410.	-365.	-10223.	50.	0011
1B169-1	166	14/19/59.00	2.50	-410.	-365.	-10223.	50.	0011
1B169-2	166	14/20/ 1.75	10.00	-410.	-365.	-10224.	50.	0011
1B169-3	166	14/22/10.25	1.00	-410.	-365.	-10223.	50.	0011
1B169-4	166	14/22/11.50	5.00	-410.	-365.	-10223.	50.	0011
1B169-5	166	14/22/16.50	20.00	-410.	-365.	-10223.	50.	0011
1B169-6	166	14/22/36.75	80.00	-410.	-365.	-10223.	50.	0011
1B169-7	166	14/23/58.50	0.25	-410.	-365.	-10223.	50.	0011
1B169-8	166	14/23/59.00	0.50	-410.	-365.	-10223.	50.	0011
1B170-1	166	14/24/ 1.50	2.50	-410.	-365.	-10222.	50.	0011
1B170-2	166	14/24/ 4.25	10.00	-410.	-365.	-10223.	50.	0011
1B170-3	166	14/25/47.75	0.25	-410.	-365.	-10221.	50.	0011
1B170-4	166	14/25/48.25	1.25	-410.	-365.	-10221.	50.	0011
1B170-5	166	14/25/49.50	5.00	-410.	-365.	-10221.	50.	0011
1B170-6	166	14/25/54.75	20.00	-410.	-365.	-10221.	50.	0011
1B170-7	166	14/26/15.00	0.25	-410.	-365.	-10221.	50.	0011
1B170-8	166	14/26/15.50	1.25	-410.	-365.	-10221.	50.	0011

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B171-1	166	14/26/18.75	5.00	-410.	-365.	-10221.	50.	0011
1B171-2	166	14/26/24.00	20.00	-410.	-365.	-10221.	50.	0011
1B171-3	166	14/26/45.75	0.25	-410.	-365.	-10221.	85.	0011
1B171-4	166	14/26/46.25	0.50	-410.	-365.	-10221.	50.	0011
1B171-5	166	14/26/47.00	2.50	-410.	-365.	-10221.	50.	0011
1B171-6	166	14/26/49.50	10.25	-410.	-365.	-10221.	50.	0011
1B171-7	166	14/27/ 1.50	0.25	-410.	-365.	-10221.	50.	0011
1B171-8	166	14/27/ 2.00	1.25	-410.	-365.	-10221.	50.	0011
1B172-1	166	14/27/ 5.25	5.00	-410.	-365.	-10221.	50.	0011
1B172-2	166	14/27/10.50	20.00	-410.	-365.	-10221.	50.	0011
1B172-3	166	14/27/30.75	0.25	-410.	-365.	-10221.	50.	0011
1B172-4	166	14/27/31.25	1.25	-410.	-365.	-10221.	50.	0011
1B172-5	166	14/27/32.50	5.25	-410.	-365.	-10221.	50.	0011
1B172-6	166	14/27/37.75	20.00	-410.	-365.	-10219.	50.	0011
1B172-7	166	14/27/59.50	0.25	-410.	-365.	-10220.	50.	0011
1B172-8	166	14/28/ 0.00	0.50	-410.	-365.	-10220.	50.	0011
1B173-1	166	14/28/ 2.50	2.50	-410.	-365.	-10221.	50.	0011
1B173-2	166	14/28/ 5.25	10.00	-410.	-365.	-10220.	50.	0011
1B173-3	166	14/28/17.00	1.00	-410.	-365.	-10220.	50.	0011
1B173-4	166	14/28/18.25	5.00	-410.	-365.	-10220.	50.	0011
1B173-5	166	14/28/23.50	20.00	-410.	-365.	-10220.	50.	0011
1B173-6	166	14/28/43.50	80.00	-410.	-365.	-10219.	50.	0011
1B173-7	166	14/30/ 5.50	0.00	-410.	-365.	-10219.	50.	0011
1B173-8	166	14/30/ 5.75	0.25	-410.	-365.	-10219.	50.	0011
1B174-1	166	14/30/ 8.50	1.50*	-410.	-365.	-10219.	50.	0011
1B174-2	166	14/30/11.00	10.00	-410.	-365.	-10218.	50.	0011
1B174-3	166	14/32/20.25	1.00	-410.	-365.	-10217.	50.	0011
1B174-4	166	14/32/21.50	5.00	-410.	-365.	-10218.	50.	0011
1B174-5	166	14/32/26.75	20.00	-410.	-365.	-10218.	50.	0011
1B174-6	166	14/32/46.75	80.00	-410.	-365.	-10217.	50.	0011
1B174-7	166	14/34/ 8.50	0.25	-410.	-365.	-10217.	50.	0011
1B174-8	166	14/34/ 9.00	0.50	-410.	-365.	-10217.	50.	0011
1B175-1	166	14/34/11.50	2.50	-410.	-365.	-10217.	50.	0011
1B175-2	166	14/34/14.25	10.00	-410.	-365.	-10217.	50.	0011
1B175-3	166	14/36/23.25	1.25	-410.	-365.	-10215.	50.	0011
1B175-4	166	14/36/24.75	5.00	-410.	-365.	-10215.	50.	0011
1B175-5	166	14/36/29.75	18.25	-410.	-365.	-10215.	50.	0011
1B175-6	166	14/36/50.00	80.00	-410.	-365.	-10214.	50.	0011
1B175-7	166	14/38/12.00	0.25	-410.	-365.	-10214.	50.	0011
1B175-8	166	14/38/12.25	0.75	-410.	-365.	-10214.	50.	0011

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B176-1	166	14/38/15.00	2.50	-410.	-365.	-10214.	50.	0011
1B176-2	166	14/38/17.75	10.00	-410.	-365.	-10214.	50.	0011
1B176-3	166	15/21/53.75	0.25	-362.	-464.	-9531.$	50.	0101
1B176-4	166	15/21/56.00	2.50	-362.	-464.	-9531.	50.	0101
1B176-5	166	15/22/ 0.25	1.25	-362.	-464.	-9531.	50.	0101
1B176-6	166	15/22/ 3.25	10.00	-362.	-464.	-9531.	50.	0101
1B176-7	166	15/22/15.25	5.00	-362.	-464.	-9531.	50.	0101
1B176-8	166	15/22/22.00	40.00	-362.	-464.	-9531.$	50.	0101
1B177-1	166	15/23/ 5.75	19.75	-362.	-464.	-9531.	50.	0101
1B177-2	166	15/23/27.50	159.50	-362.	-464.	-9531.	50.	0101
1B177-3	166	15/32/ 8.50	2.50	-362.	-464.	-9565.	50.	0101
1B177-4	166	15/32/13.00	0.25	-362.	-464.	-9565.	50.	0101
1B177-5	166	15/32/15.00	10.00	-362.	-464.	-9565.$	50.	0101
1B177-6	166	15/32/26.75	1.25	-362.	-464.	-9565.	50.	0101
1B177-7	166	15/32/30.00	40.00	-362.	-464.	-9564.	50.	0101
1B177-8	166	15/33/11.75	5.00	-362.	-464.	-9565.	50.	0101
1B178-1	166	15/33/20.25	160.00	-362.	-464.	-9563.	50.	0101
1B178-2	166	15/36/ 2.25	19.75	-362.	-464.	-9563.$	50.	0101
1B178-3	166	15/42/49.25	0.50	-362.	-464.	-9560.	50.	0101
1B178-4	166	15/42/51.50	2.50	-362.	-464.	-9560.	50.	0101
1B178-5	166	15/42/55.75	1.25	-362.	-464.	-9560.$	50.	0101
1B178-6	166	15/42/58.75	10.00	-362.	-464.	-9561.	50.	0101
1B178-7	166	15/43/10.75	4.75	-362.	-464.	-9559.	50.	0101
1B178-8	166	15/43/17.50	40.00	-362.	-464.	-9559.	50.	0101
1B179-1	166	15/44/ 1.25	19.75	-362.	-464.	-9559.	50.	0101
1B179-2	166	15/44/23.00	160.00	-362.	-464.	-9559.	50.	0101
1B179-3	166	15/53/ 7.50	2.50	-362.	-464.	-9555.	50.	0101
1B179-4	166	15/53/11.75	0.25	-362.	-464.	-9555.	50.	0101
1B179-5	166	15/53/14.00	10.00	-362.	-464.	-9555.	50.	0101
1B179-6	166	15/53/25.75	1.25	-362.	-464.	-9555.	50.	0101
1B179-7	166	15/53/28.75	39.25*	-362.	-464.	-9555.	50.	0101
1B179-8	166	15/54/10.75	5.00	-362.	-464.	-9554.	50.	0101
1B180-1	166	15/54/19.25	160.00	-362.	-464.	-9554.	50.	0101
1B180-2	166	15/57/ 1.00	20.00	-362.	-464.	-9553.	50.	0101
1B180-3	166	16/ 5/45.50	0.25	-362.	-464.	-9549.	50.	0101
1B180-4	166	16/ 5/47.75	2.50	-362.	-464.	-9549.	50.	0101
1B180-5	166	16/ 5/52.00	1.25	-362.	-464.	-9549.	50.	0101
1B180-6	166	16/ 5/55.00	10.00	-362.	-464.	-9548.	50.	0101
1B180-7	166	16/ 6/ 6.75	5.00	-362.	-464.	-9548.	50.	0101
1B180-8	166	16/ 6/13.75	40.00	-362.	-464.	-9548.	50.	0101

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B181-1	166	16/ 6/57.25	20.00	-362.	-464.	-9548.	50.	0101
1B181-2	166	16/ 7/19.00	160.00	-362.	-464.	-9546.	50.	0101
1B181-3	166	17/ 2/40.00	2.50	1.	-509.	6937.	50.	0101
1B181-4	166	17/ 2/44.25	0.25	1.	-509.	6937.	50.	0111
1B181-5	166	17/ 2/46.50	10.00	1.	-509.	6937.	50.	0101
1B181-6	166	17/ 2/58.25	1.25	1.	-509.	6937.	50.	0101
1B181-7	166	17/ 3/ 1.25	40.00	1.	-509.	6937.	50.	0101
1B181-8	166	17/ 3/43.00	5.00	1.	-509.	6937.	50.	0101
1B182-1	166	17/ 3/51.75	160.00	1.	-509.	6869.	50.	0101
1B182-2	166	17/ 6/33.50	20.00	1.	-509.	6869.	50.	0101
1B182-3	166	17/ 9/26.50	0.50	-74.	-400.	6870.	50.	0101
1B182-4	166	17/ 9/28.75	2.50	-74.	-400.	6871.	50.	0101
1B182-5	166	17/ 9/33.00	1.25	-74.	-400.	6871.	50.	0101
1B182-6	166	17/ 9/36.25	10.00	-74.	-400.	6871.	50.	0101
1B182-7	166	17/ 9/48.00	5.00	-74.	-400.	6871.	50.	0101
1B182-8	166	17/ 9/54.75	40.00	-74.	-400.	6871.	50.	0101
1B183-1	166	17/10/38.25	20.00	-74.	-400.	6871.	50.	0101
1B183-2	166	17/11/ 0.00	160.00	-74.	-400.	6871.	50.	0101
1B183-3	166	17/22/43.00	2.50	377.	321.	-6484.	50.	0101
1B183-4	166	17/22/47.25	0.50	377.	321.	-6484.	50.	0101
1B183-5	166	17/22/49.50	10.00	377.	321.	-6484.	50.	0101
1B183-6	166	17/23/ 1.25	1.25	377.	321.	-6484.	50.	0101
1B183-7	166	17/23/ 4.25	40.00	377.	321.	-6484.	50.	1101
1B183-8	166	17/23/46.25	4.75	377.	321.	-6483.	50.	0101
1B184-1	166	17/23/54.75	160.00	377.	321.	-6482.	50.	0101
1B184-2	166	17/26/36.50	20.00	377.	321.	-6484.	50.	0101
1B184-3	166	18/28/40.75	0.50	-66.	-394.	6393.	50.	0101
1B184-4	166	18/28/43.00	2.50	-66.	-394.	6393.	50.	0101
1B184-5	166	18/28/47.25	1.25	-66.	-394.	6393.	50.	0101
1B184-6	166	18/28/50.25	10.00	-66.	-394.	6393.	50.	0101
1B184-7	166	18/29/ 2.25	4.75	-66.	-394.	6393.	50.	0101
1B184-8	166	18/29/ 9.00	40.00	-66.	-394.	6393.	50.	0101
1B185-1	166	18/29/52.75	20.00	-66.	-394.	6393.	50.	0101
1B185-2	166	18/30/14.50	160.00	-66.	-394.	6393.	50.	0101
1B185-3	166	18/45/19.50	2.50	189.	-460.	7490.	50.	0101
1B185-4	166	18/45/23.75	0.50	189.	-460.	7503.	50.	0101
1B185-5	166	18/45/26.00	10.00	189.	-460.	7446.	50.	0101
1B185-6	166	18/45/38.00	1.25	189.	-460.	7472.	50.	0101
1B185-7	166	18/45/41.00	40.00	189.	-460.	7416.	50.	0101
1B185-8	166	18/46/22.75	5.00	189.	-460.	7416.	50.	0101

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B186-1	166	18/46/31.50	159.50	189.	-460.	7416.	50.	0101
1B186-2	166	18/49/13.25	19.75	189.	-460.	7416.	50.	0101
1B186-3	166	20/15/42.25	0.25	436.	-210.	-10796.	50.	1101
1B186-4	166	20/15/44.50	2.50	436.	-210.	-10797.	50.	0101
1B186-5	166	20/15/48.75	1.50	436.	-210.	-10796.	50.	0101
1B186-6	166	20/15/52.00	10.00	436.	-210.	-10797.	50.	0101
1B186-7	166	20/16/ 3.75	4.75	436.	-210.	-10796.	50.	0101
1B186-8	166	20/16/10.50	40.00	436.	-210.	-10795.	50.	0101
1B187-1	166	20/16/54.25	20.00	436.	-210.	-10795.	50.	0101
1B187-2	166	20/17/16.00	160.00	436.	-210.	-10795.	50.	0101
1B187-3	166	20/27/10.75	2.50	436.	-210.	-10793.	50.	0101
1B187-4	166	20/27/15.00	0.25	436.	-210.	-10793.	50.	0101
1B187-5	166	20/27/17.00	10.00	436.	-210.	-10793.	50.	0101
1B187-6	166	20/27/29.00	1.25	436.	-210.	-10793.	50.	0101
1B187-7	166	20/27/32.00	40.00	436.	-210.	-10793.	50.	0101
1B187-8	166	20/28/13.75	5.00	436.	-210.	-10793.	50.	0101
1B188-1	166	20/28/22.50	160.00	436.	-210.	-10792.	50.	0101
1B188-2	166	20/31/ 4.25	19.75	436.	-210.	-10792.	50.	0101
1B188-3	166	20/33/10.50	0.50	436.	-210.	-10791.	50.	0101
1B188-4	166	20/33/12.75	2.50	436.	-210.	-10791.	50.	0101
1B188-5	166	20/33/17.00	1.25	436.	-210.	-10791.	50.	0101
1B188-6	166	20/33/20.25	10.00	436.	-210.	-10791.	50.	0101
1B188-7	166	20/33/32.00	5.00	436.	-210.	-10791.	50.	0101
1B188-8	166	20/33/38.75	40.00	436.	-210.	-10791.	50.	0101
1B189-1	166	20/34/22.50	19.75	436.	-210.	-10791.	50.	0101
1B189-2	166	20/34/44.00	160.00	436.	-210.	-10789.	50.	0101
1B189-3	166	22/19/36.75	2.50	-244.	-235.	-5386.	50.	0101
1B189-4	166	22/19/41.00	0.25	-244.	-235.	-5387.	50.	0101
1B189-5	166	22/19/43.25	10.00	-244.	-235.	-5386.	50.	0101
1B189-6	166	22/19/55.00	1.25	-244.	-235.	-5386.	50.	0101
1B189-7	169	22/19/58.00	40.00	-244.	-235.	-5386.$	50.	0101
1B189-8	166	22/20/39.75	5.00	-244.	-235.	-5385.	50.	0101
1B190-1	166	22/20/48.50	160.00	-244.	-235.	-5384.	50.	0101
1B190-2	166	22/23/30.25	20.00	-244.	-235.	-5385.	50.	0101
1B190-3	167	18/13/48.75	0.50	139.	-240.	10235.	50.	0101
1B190-4	167	18/13/51.00	2.50	139.	-240.	10235.	50.	0101
1B190-5	167	18/13/55.25	1.25	139.	-240.	10235.	50.	0101
1B190-6	167	18/13/58.25	10.00	139.	-240.	10235.	50.	0101
1B190-7	167	18/14/10.75	5.00	139.	-240.	10235.	50.	0101
1B190-8	167	18/14/16.00	40.00	139.	-240.	10235.$	50.	0101

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B191-1	167	18/14/59.75	19.75	139.	-240.	10235.	50.	0101
1B191-2	167	18/15/21.50	159.50	139.	-240.	10236.	50.	0101
1B191-3	167	18/18/16.00	2.50	187.	-154.	10235.	50.	0101
1B191-4	167	18/18/20.50	0.25	187.	-154.	10235.	50.	0101
1B191-5	167	18/18/22.50	10.00	187.	-154.	10236.	50.	0101
1B191-6	167	18/18/34.50	1.25	187.	-154.	10235.	50.	0101
1B191-7	167	18/18/37.50	40.00	187.	-154.	10235.	50.	0101
1B191-8	167	18/19/19.25	5.00	187.	-154.	10235.	50.	0101
1B192-1	167	18/19/27.75	160.00	187.	-154.	10236.	50.	0101
1B192-2	167	18/22/ 9.50	20.00	187.	-154.	10236.	50.	0101
1B192-3	167	21/29/46.25	603.75	264.	-10.	-10799.	50.	0001
1B192-4	167	21/40/58.75	4.50	266.	225.	-10799.	50.	0001
1B192-5	167	21/41/45.75	39.50	210.	420.	-10799.	50.	0001
1B192-6	168	11/ 6/38.50	2.50	15.	-182.	-10778.	50.	0101
1B192-7	168	11/ 6/43.00	0.25	15.	-182.	-10778.	50.	0101
1B192-8	168	11/ 6/45.00	10.00	15.	-182.	-10778.	50.	0101
1B193-1	168	11/ 6/58.75	1.25	15.	-182.	-10778.	50.	0101
1B193-2	168	11/ 7/ 1.75	40.00	15.	-182.	-10778.	50.	0101
1B193-3	168	11/ 7/43.75	5.00	15.	-182.	-10778.	50.	0101
1B193-4	168	11/ 7/50.50	160.00	15.	-182.	10753.	50.	0101
1B193-5	168	11/10/32.25	20.00	15.	-182.	10753.	50.	0101
1B193-6	168	12/52/44.00	0.00*	276.	-451.	9318.	50.	0101
1B193-7	168	12/52/46.25	2.50	276.	-451.	9318.	50.	0101
1B193-8	168	12/52/50.50	1.25	276.	-451.	9318.	50.	0101
1B194-1	168	12/52/55.50	10.00	276.	-451.	9318.	50.	0101
1B194-2	168	12/53/ 7.25	5.00	276.	-451.	9318.	50.	0101
1B194-3	168	12/53/14.00	40.00	276.	-451.	9318.	50.	0101
1B194-4	168	12/53/55.75	20.00	276.	-451.	9319.	50.	0101
1B194-5	168	12/54/17.50	160.00	276.	-451.	9321.	50.	0101
1B194-6	168	13/ 9/17.00	10.50	240.	296.	-10798.	50.	0001
1B194-7	168	13/ 9/58.50	4.75	235.	246.	-10797.	50.	0001
1B194-8	168	13/11/ 6.25	39.00	209.	232.	-10796.	50.	0001
1B195-1	168	16/ 0/33.25	2.50	-27.	-222.	10776.	50.	0101
1B195-2	168	16/ 0/37.50	0.50	-27.	-222.	10776.	50.	0101
1B195-3	168	16/ 0/39.75	10.00	-27.	-222.	10776.	50.	0101
1B195-4	168	16/ 0/51.50	1.25	-27.	-222.	10776.	50.	0101
1B195-5	168	16/ 0/54.75	40.00	-27.	-222.	10776.$	50.	0101
1B195-6	168	16/ 1/36.50	5.00	-27.	-222.	10777.	50.	0101
1B195-7	168	16/ 1/43.25	160.00	-27.	-222.	10779.	50.	0101
1B195-8	168	16/ 4/25.00	20.00	-27.	-222.	10780.	50.	0101

1 STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B196-1	168	17/12/ 6.25	0.00$	-114.	-206.	8090.$	50.	0101
1B196-2	168	17/12/ 8.00	2.50	-114.	-206.	8090.	50.	0101
1B196-3	168	17/12/12.25	1.25	-114.	-206.	8090.	50.	0101
1B196-4	168	17/12/15.50	10.00	-114.	-206.	8090.	50.	0101
1B196-5	168	17/12/27.25	5.00	-114.	-206.	8090.	50.	0101
1B196-6	168	17/12/34.00	40.00	-114.	-206.	8121.	50.	0101
1B196-7	168	17/13/15.75	20.00	-114.	-206.	8122.	50.	0101
1B196-8	168	17/13/37.50	160.00	-114.	-206.	8122.$	50.	0101
1B197-1	168	17/17/40.00	2.50	-90.	-219.	8124.	50.	0101
1B197-2	168	17/17/44.25	0.50	-90.	-219.	8124.	50.	0101
1B197-3	168	17/17/46.50	10.00	-90.	-219.	8124.	50.	0101
1B197-4	168	17/17/58.25	1.25	-90.	-219.	8124.	50.	0101
1B197-5	168	17/18/ 1.50	40.00	-90.	-219.	8125.	50.	0101
1B197-6	168	17/18/43.25	5.00	-90.	-219.	8125.	85.	0101
1B197-7	168	17/18/50.00	160.00	-90.	-219.	8128.	50.	0101
1B197-8	168	17/21/31.75	20.00	-90.	-219.	8128.	50.	0101
1B198-1	169	11/42/ 2.00	0.00*	-350.	202.	5658.	50.	0101
1B198-2	169	11/42/ 4.25	2.50	-350.	202.	5658.	50.	0101
1B198-3	169	11/42/ 8.50	1.25	-350.	202.	5658.	50.	0101
1B198-4	169	11/42/11.50	10.00	-350.	202.	5658.	50.	0101
1B198-5	169	11/42/23.50	4.50	-350.	202.	5658.	50.	0101
1B198-6	169	11/42/30.25	40.00	-350.	202.	5658.	50.	0101
1B198-7	169	11/43/12.00	20.00	-350.	202.	5658.	50.	0101
1B198-8	169	11/43/33.75	160.00	-350.	202.	5658.	50.	0101
1B199-1	169	12/ 4/39.25	2.50	-159.	-349.	7024.	50.	0101
1B199-2	169	12/ 4/43.75	0.25	-159.	-349.	7024.	50.	0101
1B199-3	169	12/ 4/46.00	10.00	-159.	-349.	7024.	50.	0101
1B199-4	169	12/ 4/57.75	1.25	-159.	-349.	7024.	50.	0101
1B199-5	169	12/ 5/ 0.75	40.00	-159.	-349.	7024.	50.	0101
1B199-6	169	12/ 5/42.75	4.75	-159.	-349.	7023.	50.	0101
1B199-7	169	12/ 5/49.50	159.50	-159.	-349.	7025.	50.	0101
1B199-8	169	12/ 8/31.25	19.75	-159.	-349.	7026.	50.	0101
1B200-1	169	12/21/17.50	0.25	-191.	-364.	6869.	50.	0101
1B200-2	169	12/21/19.50	2.50	-191.	-364.	6869.	50.	0101
1B200-3	169	12/21/23.75	1.25	-191.	-364.	6870.	50.	0101
1B200-4	169	12/21/27.00	10.00	-191.	-364.	6869.	50.	0101
1B200-5	169	12/21/38.75	5.00	-191.	-364.	6870.	50.	0101
1B200-6	169	12/21/45.50	40.00	-191.	-364.	6870.	50.	0101
1B200-7	169	12/22/27.25	20.00	-191.	-364.	6871.	50.	0101
1B200-8	169	12/22/49.00	160.00	-191.	-364.	6871.	50.	0101

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STRIP NR	DOY	HR/MN/SEC	EXPTIME	YAW	PITCH	ROLL	OFF	MODE
1B201-1	169	15/13/ 2.50	2.50	-96.	-306.	-9128.	50.	0101
1B201-2	169	15/13/ 6.75	0.25	-96.	-306.	-9128.	50.	0101
1B201-3	169	15/13/ 9.00	10.00	-96.	-306.	-9128.	50.	0101
1B201-4	169	15/13/20.75	1.25	-96.	-306.	-9128.$	50.	0101
1B201-5	169	15/13/24.00	36.00	-96.	-306.	-9127.	50.	0101
1B201-6	169	15/14/ 5.75	5.00	-96.	-306.	-9127.	50.	0101
1B201-7	169	15/14/12.50	160.00	-96.	-306.	-9126.	50.	0101
1B201-8	169	15/16/54.25	20.00	-96.	-306.	-9127.	50.	0101

4.0 ENGINEERING DATA BOOK - JSC

During all of the manned phases of the Skylab Program, NRL maintained a science console in the ATM Staff Support room at JSC. One of the duties of the NRL team member manning the science console was to record information in support of each frame of S082A and S082B film exposed by the astronauts or during unattended operations. Experiment log books for each camera were used to record the time of each shutter opening (accurate to one minute of GMT), the day/night cycle number, the Joint Observing Program (JOP), step and building block number, the solar feature or target being studied, the exposure duration and wavelength and appropriate comments pertaining to individual frames as necessary.

At the conclusion of the Skylab Program, the experiment log books were compared frame by frame with engineering data compiled at JSC and MSFC, and with each instrument's internal diode array information. The results for this film camera are tabulated at the end of this section. Each column is labeled on the first page of the tabulation. The FILM STRIP column is a permanently assigned frame number that identifies the mission and instrument as well as the sequence in which each frame was taken. All of the remaining columns were taken directly from the experiment log books and contain information in exactly the order described above. Comments from the experiment log books are recorded in Volume I of the NRL/ATM S082 Exposure Catalog (BBRC Document No. 620-249).

The glossary included in this section will identify all the abbreviations and symbols used as well as the name of each numbered JOP.

MED Book Glossary

X represents a number assigned by the planning committee or by NOAA:

BSP	Bright Spot
BSX	Bright Spot and Number
CAL	Calibration, Target Unspecified
CHX	Coronal Hole and Number
EFR	Emerging Flux Region
ELB	East Limb
FXX	Filament and Number
JOP 1	Chromospheric Network
JOP 1A*	Near Sun Center (R < .5R.)
JOP 1A-1*	Step One of JOP 1A
JOP 2	Active Regions
JOP 3	Flares
JOP 4	Prominences
JOP 5	Limb Profile Studies
JOP 6	Synoptic Observations
JOP 7	Atmospheric Extinction
JOP 8	Coronal and Disk Transients
JOP 9	Solar Wind
JOP 10	Lunar Libration Clouds
JOP 11	Chromospheric Oscillations
JOP 12	Calibration
JOP 13	Night Sky Objects
JOP 14	Solar Eclipse
JOP 15	Coronal Holes
JOP 17	Bright Spot
JOP 18	Comet Kohoutek
JOP 19	Alfven Waves
JOP 20	Rapidly Changing Coronal Structure
JOP 21	Time Variations in Coronal Structure
JOP 24	Latitude Variation of Coronal Structure
JOP 25	S055 Maxi Roster

JOP 26	Coronal and Chromospheric Structures
JOP 27	Velocities
K	Comet Kohoutek
KC	Kohoutek Coma
KN	Kohoutek Nucleus
KT	Kohoutek Tail
LBX	Limb and Number, 0 means 10
LB	Limb
LSX	Limb Scan and Number
NCX	Network Cell and Number
NP	North Pole
OBS	Observing Time for Crew
PXX	Prominence and Number
QL	Quiet Limb
QRX	Quiet Region and Number
QR	Quiet Region
S	Shopping List Designation
SXX	Shopping List and Number
SC	Sun Center
SGL	Single Instrument Operation
SP	South Pole
UNA	Unattended
UNK	Unknown
VEL	Star Gamma Vel
WLB	West Limb
XX	Active Region Identifying Numbers, i.e., 00, 19, 27, etc.

* Sample - for specific JOP and step definitions, see JOP Summary Sheets.

DATE	TIME	FILM-STRIP	D/N	JOP-ST	RR	TGT	EXP	WVL
MAY 29	149:20:03	1B-001-1	67	02D-1	04B	14	:	2.5S
MAY 29	149:20:03	1B-001-2	67	02D-1	04B	14	:	0.3L
MAY 29	149:20:03	1B-001-3	67	02D-1	04B	14	:10	S
MAY 29	149:20:03	1B-001-4	67	02D-1	04B	14	:	1.3L
MAY 29	149:20:03	1B-001-5	67	02D-1	04B	14	:40	S
MAY 29	149:20:04	1B-001-6	67	02D-1	04B	14	: 5	L
MAY 29	149:20:04	1B-001-7	67	02D-1	04B	14	2:40	S
MAY 29	149:20:07	1B-001-8	67	02D-1	04B	14	:20	L
MAY 30	150:00:08	1B-002-1	70	04 -6	03	F62	:	0.3L
MAY 30	150:00:08	1B-002-2	70	04 -6	03	F62	:	2.5S
MAY 30	150:00:08	1B-002-3	70	04 -6	03	F62	:	1.3L
MAY 30	150:00:08	1B-002-4	70	04 -6	03	F62	:10	S
MAY 30	150:00:08	1B-002-5	70	04 -6	03	F62	: 5	L
MAY 30	150:00:08	1B-002-6	70	04 -6	03	F62	:40	S
MAY 30	150:00:09	1B-002-7	70	04 -6	03	F62	:20	L
MAY 30	150:00:09	1B-002-8	70	04 -6	03	F62	2:40	S
MAY 30	150:00:28	1B-003-1	70	02D-5	10	17	:	2.5S
MAY 30	150:00:28	1B-003-2	70	02D-5	10	17	:	0.3L
MAY 30	150:00:28	1B-003-3	70	02D-5	10	17	:10	S
MAY 30	150:00:28	1B-003-4	70	02D-5	10	17	:	1.3L
MAY 30	150:00:28	1B-003-5	70	02D-5	10	17	:40	S
MAY 30	150:00:29	1B-003-6	70	02D-5	10	17	: 5	L
MAY 30	150:00:29	1B-003-7	70	02D-5	10	17	2:40	S
MAY 30	150:00:32	1B-003-8	70	02D-5	10	17	:20	L
MAY 30	150:02:10	1B-004-1	71	02D-5	07	18	:	0.3L
MAY 30	150:02:10	1B-004-2	71	02D-5	07	18	:	2.5S
MAY 30	150:02:10	1B-004-3	71	02D-5	07	18	:	1.3L
MAY 30	150:02:10	1B-004-4	71	02D-5	07	18	:10	S
MAY 30	150:02:10	1B-004-5	71	02D-5	07	18	: 5	L
MAY 30	150:02:10	1B-004-6	71	02D-5	07	18	:40	S
MAY 30	150:02:11	1B-004-7	71	02D-5	07	18	:20	L
MAY 30	150:02:11	1B-004-8	71	02D-5	07	18	2:40	S
MAY 30	150:14:47	1B-005-1	79	02A-7	10	18	:	2.5S
MAY 30	150:14:47	1B-005-2	79	02A-7	10	18	:	.3L
MAY 30	150:14:47	1B-005-3	79	02A-7	10	18	:10.0	S
MAY 30	150:14:47	1B-005-4	79	02A-7	10	18	:	1.3L
MAY 30	150:14:47	1B-005-5	79	02A-7	10	18	:40.0	S
MAY 30	150:14:48	1B-005-6	79	02A-7	10	18	: 5.0	L
MAY 30	150:14:48	1B-005-7	79	02A-7	10	18	2:40	S
MAY 30	150:14:51	1B-005-8	79	02A-7	10	18	:20.0	L
MAY 30	150:15:36	1B-006-1	80	02A-2	05A	17	:	0.3L
MAY 30	150:15:36	1B-006-2	80	02A-2	05A	17	:	2.5S
MAY 30	150:15:36	1B-006-3	80	02A-2	05A	17	:	1.3L
MAY 30	150:15:36	1B-006-4	80	02A-2	05A	17	:10	S
MAY 30	150:15:36	1B-006-5	80	02A-2	05A	17	: 5	L
MAY 30	150:15:37	1B-006-6	80	02A-2	05A	17	:40	S
MAY 30	150:15:37	1B-006-7	80	02A-2	05A	17	:20	L
MAY 30	150:15:38	1B-006-8	80	02A-2	05A	17	2:40	S

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL
MAY 30	150:15:47	1B-007-1	80	02A-2	05B	17	:	2.5S
MAY 30	150:15:47	1B-007-2	80	02A-2	05B	17	:	0.3L
MAY 30	150:15:47	1B-007-3	80	02A-2	05B	17	:10	S
MAY 30	150:15:47	1B-007-4	80	02A-2	05B	17	:	1.3L
MAY 30	150:15:47	1B-007-5	80	02A-2	05B	17	:40	S
MAY 30	150:15:48	1B-007-6	80	02A-2	05B	17	: 5	L
MAY 30	150:15:48	1B-007-7	80	02A-2	05B	17	2:40	S
MAY 30	150:15:51	1B-007-8	80	02A-2	05B	17	:20	L
MAY 30	150:15:53	1B-008-1	80	02A-2	05C	17	:	0.3L
MAY 30	150:15:53	1B-008-2	80	02A-2	05C	17	:	2.5S
MAY 30	150:15:53	1B-008-3	80	02A-2	05C	17	:	1.3L
MAY 30	150:15:53	1B-008-4	80	02A-2	05C	17	:10	S
MAY 30	150:15:54	1B-008-5	80	02A-2	05C	17	: 5	L
MAY 30	150:15:54	1B-008-6	80	02A-2	05C	17	:40	S
MAY 30	150:15:54	1B-008-7	80	02A-2	05C	17	:20	L
MAY 30	150:15:55	1B-008-8	80	02A-2	05C	17	2:40	S
MAY 30	150:17:11	1B-009-1	81	04 -6	03	F62	:	2.5S
MAY 30	150:17:11	1B-009-2	81	04 -6	03	F62	:	0.3L
MAY 30	150:17:11	1B-009-3	81	04 -6	03	F62	:10	S
MAY 30	150:17:12	1B-009-4	81	04 -6	03	F62	:	1.3L
MAY 30	150:17:12	1B-009-5	81	04 -6	03	F62	:40	S
MAY 30	150:17:12	1B-009-6	81	04 -6	03	F62	: 5	L
MAY 30	150:17:13	1B-009-7	81	04 -6	03	F62	2:40	S
MAY 30	150:17:15	1B-009-8	81	04 -6	03	F62	:20	L
MAY 30	150:17:29	1B-010-1	81	04 -7	06	F62	:	0.3L
MAY 30	150:17:29	1B-010-2	81	04 -7	06	F62	:	2.5S
MAY 30	150:17:29	1B-010-3	81	04 -7	06	F62	:	1.3L
MAY 30	150:17:29	1B-010-4	81	04 -7	06	F62	:10	S
MAY 30	150:17:30	1B-010-5	81	04 -7	06	F62	: 5	L
MAY 30	150:17:30	1B-010-6	81	04 -7	06	F62	:40	S
MAY 30	150:17:30	1B-010-7	81	04 -7	06	F62	:20	L
MAY 30	150:17:31	1B-010-8	81	04 -7	06	F62	2:40	S
MAY 30	150:17:51	1B-011-1	81	12D		UNK	:40.0	S
MAY 30	150:17:53	1B-011-2	81	12D		UNK	:05.5	L
MAY 30	150:19:00	1B-011-3	82	02A-2	05A	17	:	0.3L
MAY 30	150:19:01	1B-011-4	82	02A-2	05A	17	:	2.5S
MAY 30	150:19:01	1B-011-5	82	02A-2	05A	17	:	1.3L
MAY 30	150:19:01	1B-011-6	82	02A-2	05A	17	:10	S
MAY 30	150:19:01	1B-011-7	82	02A-2	05A	17	: 5	L
MAY 30	150:19:01	1B-011-8	82	02A-2	05A	17	:40	S
MAY 30	150:19:02	1B-012-1	82	02A-2	05A	17	:20	L
MAY 30	150:19:02	1B-012-2	82	02A-2	05A	17	2:40	S
MAY 30	150:19:10	1B-012-3	82	02A-2	05B	17	:	2.5S
MAY 30	150:19:10	1B-012-4	82	02A-2	05B	17	:	0.3L
MAY 30	150:19:10	1B-012-5	82	02A-2	05B	17	:10	S
MAY 30	150:19:11	1B-012-6	82	02A-2	05B	17	:	1.3L
MAY 30	150:19:11	1B-012-7	82	02A-2	05B	17	:40	S
MAY 30	150:19:11	1B-012-8	82	02A-2	05B	17	: 5	L

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL
MAY 30	150:19:11	1B-013-1	82	02A-2	05B	17	2:40	S
MAY 30	150:19:14	1B-013-2	82	02A-2	05B	17	:20	L
MAY 30	150:19:18	1B-013-3	82	02A-2	05C	17	: 0.3	L
MAY 30	150:19:18	1B-013-4	82	02A-2	05C	17	: 2.5	S
MAY 30	150:19:18	1B-013-5	82	02A-2	05C	17	: 1.3	L
MAY 30	150:19:18	1B-013-6	82	02A-2	05C	17	:10	S
MAY 30	150:19:18	1B-013-7	82	02A-2	05C	17	: 5	L
MAY 30	150:19:18	1B-013-8	82	02A-2	05C	17	:40	S
MAY 30	150:19:19	1B-014-1	82	02A-2	05C	17	:20	L
MAY 30	150:19:19	1B-014-2	82	02A-2	05C	17	2:40	S
MAY 30	150:19:26	1B-014-3	82	02A-7	10	14	: 2.5	S
MAY 30	150:19:26	1B-014-4	82	02A-7	10	14	: 0.3	L
MAY 30	150:19:26	1B-014-5	82	02A-7	10	14	:10	S
MAY 30	150:19:27	1B-014-6	82	02A-7	10	14	: 1.3	L
MAY 30	150:19:27	1B-014-7	82	02A-7	10	14	:40	S
MAY 30	150:19:27	1B-014-8	82	02A-7	10	14	: 5	L
MAY 30	150:19:27	1B-015-1	82	02A-7	10	14	: 6	S
MAY 30	150:19:29	1B-015-2	82	03	08	14	: 0.3	S
MAY 30	150:19:29	1B-015-3	82	03	08	14	: 1.3	S
MAY 30	150:19:29	1B-015-4	82	03	08	14	: 5	S
MAY 30	150:19:29	1B-015-5	82	03	08	14	:20	S
MAY 30	150:19:29	1B-015-6	82	03	08	14	: 0.3	S
MAY 30	150:19:29	1B-015-7	82	03	08	14	: 1.3	S
MAY 30	150:19:29	1B-015-8	82	03	08	14	: 5	S
MAY 30	150:19:30	1B-016-1	82	03	08	14	:20	S
MAY 30	150:19:30	1B-016-2	82	03	08	14	: 0.2	L
MAY 30	150:19:30	1B-016-3	82	03	08	14	: 0.6	L
MAY 30	150:19:30	1B-016-4	82	03	08	14	: 2.5	L
MAY 30	150:19:30	1B-016-5	82	03	08	14	:10	L
MAY 30	150:19:30	1B-016-6	82	03	08	14	: 0.3	S
MAY 30	150:19:30	1B-016-7	82	03	08	14	: 1.3	S
MAY 30	150:19:30	1B-016-8	82	03	08	14	: 5	S
MAY 30	150:19:30	1B-017-1	82	03	08	14	:20	S
MAY 30	150:19:31	1B-017-2	82	03	08	14	: 0.3	S
MAY 30	150:19:31	1B-017-3	82	03	08	14	: 1.3	S
MAY 30	150:19:31	1B-017-4	82	03	08	14	: 5	S
MAY 30	150:19:31	1B-017-5	82	03	08	14	:20	S
MAY 30	150:19:31	1B-017-6	82	03	08	14	: 0.2	L
MAY 30	150:19:31	1B-017-7	82	03	08	14	: 0.6	L
MAY 30	150:19:31	1B-017-8	82	03	08	14	: 2.5	L
MAY 30	150:19:31	1B-018-1	82	03	08	14	:10	L
MAY 30	150:19:31	1B-018-2	82	03	08	14	: 1.3	S
MAY 30	150:19:31	1B-018-3	82	03	08	14	: 5	S
MAY 30	150:19:32	1B-018-4	82	03	08	14	:20	S
MAY 30	150:19:32	1B-018-5	82	03	08	14	1:20	S
MAY 30	150:19:33	1B-018-6	82	03	08	14	: 0.2	L
MAY 30	150:19:33	1B-018-7	82	03	08	14	: 0.6	L
MAY 30	150:19:33	1B-018-8	82	03	08	14	: 2.5	L

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MAY 30	150:19:33	1B-019-1	82	03	08	14	:10	L
MAY 31	151:01:27	1B-019-2	86	02A-6	07	17	: 2.5	S
MAY 31	151:01:27	1B-019-3	86	02A-6	07	17	: 0.3	L
MAY 31	151:01:27	1B-019-4	86	02A-6	07	17	:10	S
MAY 31	151:01:27	1B-019-5	86	02A-6	07	17	: 1.3	L
MAY 31	151:01:27	1B-019-6	86	02A-6	07	17	:40	S
MAY 31	151:01:28	1B-019-7	86	02A-6	07	17	: 5	L
MAY 31	151:01:28	1B-019-8	86	02A-6	07	17	2:40	S
MAY 31	151:01:30	1B-020-1	86	02A-6	07	17	:20	L
MAY 31	151:16:38	1B-020-2	96	02C-5	23	14	: 0.3	L
MAY 31	151:16:38	1B-020-3	96	02C-5	23	14	: 2.5	S
MAY 31	151:16:38	1B-020-4	96	02C-5	23	14	: 1.3	L
MAY 31	151:16:38	1B-020-5	96	02C-5	23	14	:10	S
MAY 31	151:16:38	1B-020-6	96	02C-5	23	14	: 5	L
MAY 31	151:16:38	1B-020-7	96	02C-5	23	14	:40	S
MAY 31	151:16:39	1B-020-8	96	02C-5	23	14	:20	L
MAY 31	151:16:39	1B-021-1	96	02C-5	23	14	2:40	S
MAY 31	151:16:42	1B-021-2	96	02C-5	23	14	: 0.3	L
MAY 31	151:16:42	1B-021-3	96	02C-5	23	14	: 2.5	S
MAY 31	151:16:42	1B-021-4	96	02C-5	23	14	: 1.3	L
MAY 31	151:16:42	1B-021-5	96	02C-5	23	14	:10	S
MAY 31	151:16:42	1B-021-6	96	02C-5	23	14	: 5	L
MAY 31	151:16:42	1B-021-7	96	02C-5	23	14	:40	S
MAY 31	151:16:43	1B-021-8	96	02C-5	23	14	:20	L
MAY 31	151:16:43	1B-022-1	96	02C-5	23	14	2:40	S
MAY 31	151:16:46	1B-022-2	96	02C-5	23	14	: 0.3	L
MAY 31	151:16:46	1B-022-3	96	02C-5	23	14	: 2.5	S
MAY 31	151:16:46	1B-022-4	96	02C-5	23	14	: 1.3	L
MAY 31	151:16:46	1B-022-5	96	02C-5	23	14	:10	S
MAY 31	151:16:47	1B-022-6	96	02C-5	23	14	: 5	L
MAY 31	151:16:47	1B-022-7	96	02C-5	23	14	:40	S
MAY 31	151:16:47	1B-022-8	96	02C-5	23	14	:20	L
MAY 31	151:16:48	1B-023-1	96	02C-5	23	14	2:40	S
MAY 31	151:16:50	1B-023-2	96	02C-5	23	14	: 0.3	L
MAY 31	151:16:50	1B-023-3	96	02C-5	23	14	: 2.5	S
MAY 31	151:16:51	1B-023-4	96	02C-5	23	14	: 1.3	L
MAY 31	151:16:51	1B-023-5	96	02C-5	23	14	:10	S
MAY 31	151:16:51	1B-023-6	96	02C-5	23	14	: 5	L
MAY 31	151:16:51	1B-023-7	96	02C-5	23	14	:40	S
MAY 31	151:16:52	1B-023-8	96	02C-5	23	14	:20	L
MAY 31	151:16:52	1B-024-1	96	02C-5	23	14	2:40	S
MAY 31	151:16:55	1B-024-2	96	02C-5	23	14	: 2.5	L
MAY 31	151:16:55	1B-024-3	96	02C-5	23	14	:10	S
MAY 31	151:16:55	1B-024-4	96	02C-5	23	14	:10	L
MAY 31	151:16:55	1B-024-5	96	02C-5	23	14	:40	S
MAY 31	151:16:56	1B-024-6	96	02C-5	23	14	:40	L
MAY 31	151:16:57	1B-024-7	96	02C-5	23	14	2:40	S
MAY 31	151:16:59	1B-024-8	96	02C-5	23	14	2:40	L

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MAY 31	151:17:02	1B-025-1	96	02C-5	23	14	10:40	S
MAY 31	151:17:13	1B-025-2	96	02C-5	23	14	: 2.5	L
MAY 31	151:17:13	1B-025-3	96	02C-5	23	14	:10	S
MAY 31	151:17:13	1B-025-4	96	02C-5	23	14	:10	L
MAY 31	151:17:13	1B-025-5	96	02C-5	23	14	:40	S
MAY 31	151:17:14	1B-025-6	96	02C-5	23	14	:40	L
MAY 31	151:17:15	1B-025-7	96	02C-5	23	14	1:45	S
MAY 31	151:18:00	1B-025-8	96	02C-5	23	14	2:40	L
MAY 31	151:18:02	1B-026-1	97	02C-5	23	14	10:40	S
MAY 31	151:18:13	1B-026-2	97	02C-5	23	14	: 2.5	L
MAY 31	151:18:13	1B-026-3	97	02C-5	23	14	:10	S
MAY 31	151:18:13	1B-026-4	97	02C-5	23	14	:10	L
MAY 31	151:18:14	1B-026-5	97	02C-5	23	14	:40	S
MAY 31	151:18:14	1B-026-6	97	02C-5	23	14	:40	L
MAY 31	151:18:15	1B-026-7	97	02C-5	23	14	2:40	S
MAY 31	151:18:18	1B-026-8	97	02C-5	23	14	2:40	L
MAY 31	151:18:20	1B-027-1	97	02C-5	23	14	10:40	S
MAY 31	151:18:31	1B-027-2	97	02C-5	23	14	: 2.5	L
MAY 31	151:18:31	1B-027-3	97	02C-5	23	14	:10	S
MAY 31	151:18:31	1B-027-4	97	02C-5	23	14	:10	L
MAY 31	151:18:31	1B-027-5	97	02C-5	23	14	:40	S
MAY 31	151:18:32	1B-027-6	97	02C-5	23	14	:40	L
MAY 31	151:18:33	1B-027-7	97	02C-5	23	14	2:40	S
MAY 31	151:18:36	1B-027-8	97	02C-5	23	14	2:40	L
MAY 31	151:18:38	1B-028-1	97	02C-5	23	14	10:40	S
MAY 31	151:18:49	1B-028-2	97	02C-5	23	14	: 4	L
MAY 31	151:18:49	1B-028-3	97	02C-5	23	14	:16	S
MAY 31	151:18:49	1B-028-4	97	02C-5	23	14	:16	L
MAY 31	151:18:50	1B-028-5	97	02C-5	23	14	1:04	S
MAY 31	151:18:51	1B-028-6	97	02C-5	23	14	: 8	L
MAY 31	151:19:54	1B-028-7	98	02B-1	04B	17	: 0.3	L
MAY 31	151:19:54	1B-028-8	98	02B-1	04B	17	: 2.5	S
MAY 31	151:19:54	1B-029-1	98	02B-1	04B	17	: 1.2	L
MAY 31	151:19:54	1B-029-2	98	02B-1	04B	17	:10	S
MAY 31	151:19:54	1B-029-3	98	02B-1	04B	17	: 5	L
MAY 31	151:19:54	1B-029-4	98	02B-1	04B	17	:40	S
MAY 31	151:19:55	1B-029-5	98	02B-1	04B	17	:20	L
MAY 31	151:19:55	1B-029-6	98	02B-1	04B	17	2:40	S
MAY 31	151:20:02	1B-029-7	98	02B-1	04C	17	: 2.5	S
MAY 31	151:20:02	1B-029-8	98	02B-1	04C	17	: 0.3	L
MAY 31	151:20:02	1B-030-1	98	02B-1	04C	17	:10	S
MAY 31	151:20:03	1B-030-2	98	02B-1	04C	17	: 1.3	L
MAY 31	151:20:03	1B-030-3	98	02B-1	04C	17	:40	S
MAY 31	151:20:03	1B-030-4	98	02B-1	04C	17	: 5	L
MAY 31	151:20:03	1B-030-5	98	02B-1	04C	17	2:40	S
MAY 31	151:20:06	1B-030-6	98	02B-1	04C	17	:20	L
MAY 31	151:21:07	1B-030-7	99	04 -6	03	F62	: 0.3	L
MAY 31	151:21:07	1B-030-8	99	04 -6	03	F62	: 2.5	S

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MAY 31	151:21:07	1B-031-1	99	04 -6	03	F62	: 1.3	L
MAY 31	151:21:07	1B-031-2	99	04 -6	03	F62	:10	S
MAY 31	151:21:07	1B-031-3	99	04 -6	03	F62	: 5	L
MAY 31	151:21:07	1B-031-4	99	04 -6	03	F62	:40	S
MAY 31	151:21:08	1B-031-5	99	04 -6	03	F62	:20	L
MAY 31	151:21:08	1B-031-6	99	04 -6	03	F62	2:40	S
MAY 31	151:21:26	1B-031-7	99	04 -7	06	F62	: 2.5	S
MAY 31	151:21:26	1B-031-8	99	04 -7	06	F62	: 0.3	L
MAY 31	151:21:26	1B-032-1	99	04 -7	06	F62	:10	S
MAY 31	151:21:26	1B-032-2	99	04 -7	06	F62	: 1.3	L
MAY 31	151:21:26	1B-032-3	99	04 -7	06	F62	:40	S
MAY 31	151:21:27	1B-032-4	99	04 -7	06	F62	: 5	L
MAY 31	151:21:27	1B-032-5	99	04 -7	06	F62	2:40	S
MAY 31	151:21:30	1B-032-6	99	04 -7	06	F62	:20	L
JUN 1	152:00:30	1B-032-7	101	OBS		UNK	: 0.3	L
JUN 1	152:00:30	1B-032-8	101	OBS		UNK	: 2.3	S
JUN 1	152:00:33	1B-033-1	101	02B-1	04B	18	: 2.5	S
JUN 1	152:00:33	1B-033-2	101	02B-1	04B	18	: 0.3	L
JUN 1	152:00:33	1B-033-3	101	02B-1	04B	18	:10	S
JUN 1	152:00:33	1B-033-4	101	02B-1	04B	18	: 1.3	L
JUN 1	152:00:33	1B-033-5	101	02B-1	04B	18	:40	S
JUN 1	152:00:34	1B-033-6	101	02B-1	04B	18	: 5	L
JUN 1	152:00:34	1B-033-7	101	02B-1	04B	18	2:40	S
JUN 1	152:00:37	1B-033-8	101	02B-1	04B	18	:20	L
JUN 1	152:00:44	1B-034-1	101	02B-1	04C	18	: 0.3	L
JUN 1	152:00:44	1B-034-2	101	02B-1	04C	18	: 2.5	S
JUN 1	152:00:44	1B-034-3	101	02B-1	04C	18	: 1.3	L
JUN 1	152:00:44	1B-034-4	101	02B-1	04C	18	:10	S
JUN 1	152:00:44	1B-034-5	101	02B-1	04C	18	: 5	L
JUN 1	152:00:44	1B-034-6	101	02B-1	04C	18	:40	S
JUN 1	152:00:45	1B-034-7	101	02B-1	04C	18	:20	L
JUN 1	152:00:45	1B-034-8	101	02B-1	04C	18	2:40	S
JUN 2	153:14:18	1B-035-1	125	12D		UNK	: 5.8	L
JUN 2	153:14:18	1B-035-2	125	12D		UNK	:59	S
JUN 2	153:15:32	1B-035-3	126	02B-1	04B	18	: 2.5	S
JUN 2	153:15:32	1B-035-4	126	02B-1	04B	18	: 0.3	L
JUN 2	153:15:32	1B-035-5	126	02B-1	04B	18	:10	L
JUN 2	153:15:32	1B-035-6	126	02B-1	04B	18	: 1.3	U
JUN 2	153:15:32	1B-035-7	126	02B-1	04B	18	:40	U
JUN 2	153:15:33	1B-035-8	126	02B-1	04B	18	: 5	U
JUN 2	153:15:33	1B-036-1	126	02B-1	04B	18	2:40	S
JUN 2	153:15:35	1B-036-2	126	02B-1	04B	18	:20	L
JUN 2	153:15:40	1B-036-3	126	02B-1	04C	18	: 0.3	L
JUN 2	153:15:40	1B-036-4	126	02B-1	04C	18	: 2.5	S
JUN 2	153:15:40	1B-036-5	126	02B-1	04C	18	: 1.3	L
JUN 2	153:15:40	1B-036-6	126	02B-1	04C	18	:10	S
JUN 2	153:15:40	1B-036-7	126	02B-1	04C	18	: 5	L
JUN 2	153:15:41	1B-036-8	126	02B-1	04C	18	:40	S

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JUN 2	153:15:41	1B-037-1	126	02B-1	04C	18	:20	L
JUN 2	153:15:42	1B-037-2	126	02B-1	04C	18	2:40	S
JUN 2	153:15:51	1B-037-3	126	02B-1	04E	18	: 2.5	S
JUN 2	153:15:51	1B-037-4	126	02B-1	04E	18	: 0.3	L
JUN 2	153:15:51	1B-037-5	126	02B-1	04E	18	:10	S
JUN 2	153:15:51	1B-037-6	126	02B-1	04E	18	: 1.3	L
JUN 2	153:15:51	1B-037-7	126	02B-1	04E	18	:40	S
JUN 2	153:15:52	1B-037-8	126	02B-1	04E	18	: 5	L
JUN 2	153:15:52	1B-038-1	126	02B-1	04E	18	2:40	S
JUN 2	153:15:55	1B-038-2	126	02B-1	04E	18	:12.8	L
JUN 2	153:17:20	1B-038-3	127	11 -5	10	QR1	: 0.3	L
JUN 2	153:17:20	1B-038-4	127	11 -5	10	QR1	: 2.5	S
JUN 2	153:17:20	1B-038-5	127	11 -5	10	QR1	: 1.3	L
JUN 2	153:17:20	1B-038-6	127	11 -5	10	QR1	:10	S
JUN 2	153:17:20	1B-038-7	127	11 -5	10	QR1	: 5	L
JUN 2	153:17:21	1B-038-8	127	11 -5	10	QR1	:40	S
JUN 2	153:17:21	1B-039-1	127	11 -5	10	QR1	:20	L
JUN 2	153:17:22	1B-039-2	127	11 -5	10	QR1	2:40	S
JUN 2	153:21:49	1B-039-3	130	04 -7	06	F62	: 2.5	S
JUN 2	153:21:49	1B-039-4	130	04 -7	06	F62	: 0.3	L
JUN 2	153:21:49	1B-039-5	130	04 -7	06	F62	:10	S
JUN 2	153:21:49	1B-039-6	130	04 -7	06	F62	: 1.3	L
JUN 2	153:21:50	1B-039-7	130	04 -7	06	F62	:40	S
JUN 2	153:21:50	1B-039-8	130	04 -7	06	F62	: 5	L
JUN 2	153:21:50	1B-040-1	130	04 -7	06	F62	2:40	S
JUN 2	153:21:53	1B-040-2	130	04 -7	06	F62	:20	L
JUN 2	153:23:08	1B-040-3	131	02D-5	07	17	: 0.3	L
JUN 2	153:23:08	1B-040-4	131	02D-5	07	17	: 2.5	S
JUN 2	153:23:08	1B-040-5	131	02D-5	07	17	: 1.3	L
JUN 2	153:23:08	1B-040-6	131	02D-5	07	17	:10	S
JUN 2	153:23:09	1B-040-7	131	02D-5	07	17	: 5	L
JUN 2	153:23:09	1B-040-8	131	02D-5	07	17	:40	S
JUN 2	153:23:09	1B-041-1	131	02D-5	07	17	:20	L
JUN 2	153:23:10	1B-041-2	131	02D-5	07	17	2:40	S
JUN 3	154:00:43	1B-041-3	132	04 -6	03	F62	: 2.5	S
JUN 3	154:00:43	1B-041-4	132	04 -6	03	F62	: 0.3	L
JUN 3	154:00:43	1B-041-5	132	04 -6	03	F62	:10	S
JUN 3	154:00:43	1B-041-6	132	04 -6	03	F62	: 1.3	L
JUN 3	154:00:43	1B-041-7	132	04 -6	03	F62	:40	S
JUN 3	154:00:44	1B-041-8	132	04 -6	03	F62	: 5	L
JUN 3	154:00:44	1B-042-1	132	04 -6	03	F62	2:40	S
JUN 3	154:00:47	1B-042-2	132	04 -6	03	F62	:20	L
JUN 3	154:01:04	1B-042-3	132	01A-1	03	NC2	: 0.3	L
JUN 3	154:01:04	1B-042-4	132	01A-1	03	NC2	: 2.5	S
JUN 3	154:01:04	1B-042-5	132	01A-1	03	NC2	: 1.3	L
JUN 3	154:01:04	1B-042-6	132	01A-1	03	NC2	:10	S
JUN 3	154:01:04	1B-042-7	132	01A-1	03	NC2	: 5	L
JUN 3	154:01:04	1B-042-8	132	01A-1	03	NC2	:40	S

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JUN 3	154:01:05	1B-043-1	132	01A-1	03	NC2	:20	L
JUN 3	154:01:05	1B-043-2	132	01A-1	03	NC2	2:40	S
JUN 3	154:16:02	1B-043-3	142	04 -2	03	P62	: 2.5	S
JUN 3	154:16:02	1B-043-4	142	04 -2	03	P62	: 0.3	L
JUN 3	154:16:02	1B-043-5	142	04 -2	03	P62	:10	S
JUN 3	154:16:02	1B-043-6	142	04 -2	03	P62	: 1.3	L
JUN 3	154:16:02	1B-043-7	142	04 -2	03	P62	:40	S
JUN 3	154:16:03	1B-043-8	142	04 -2	03	P62	: 5	L
JUN 3	154:16:03	1B-044-1	142	04 -2	03	P62	2:40	S
JUN 3	154:16:06	1B-044-2	142	04 -2	03	P62	:20	L
JUN 3	154:16:27	1B-044-3	142	04 -3	06	P62	: 0.3	L
JUN 3	154:16:27	1B-044-4	142	04 -3	06	P62	: 2.5	S
JUN 3	154:16:27	1B-044-5	142	04 -3	06	P62	: 1.3	L
JUN 3	154:16:27	1B-044-6	142	04 -3	06	P62	:10	S
JUN 3	154:16:27	1B-044-7	142	04 -3	06	P62	: 5	L
JUN 3	154:16:27	1B-044-8	142	04 -3	06	P62	:40	S
JUN 3	154:16:28	1B-045-1	142	04 -3	06	P62	:20	L
JUN 3	154:16:28	1B-045-2	142	04 -3	06	P62	2:40	S
JUN 3	154:16:41	1B-045-3	142	04 -4	11	P62	: 2.5	S
JUN 3	154:16:41	1B-045-4	142	04 -4	11	P62	: 0.3	L
JUN 3	154:16:41	1B-045-5	142	04 -4	11	P62	:10	S
JUN 3	154:16:41	1B-045-6	142	04 -4	11	P62	: 1.3	L
JUN 3	154:16:41	1B-045-7	142	04 -4	11	P62	:40	S
JUN 3	154:16:42	1B-045-8	142	04 -4	11	P62	: 5	L
JUN 3	154:16:42	1B-046-1	142	04 -4	11	P62	2:40	S
JUN 3	154:16:45	1B-046-2	142	04 -4	11	P62	:20	L
JUN 3	154:17:56	1B-046-3	143	04 -2	03	P62	: 0.3	L
JUN 3	154:17:56	1B-046-4	143	04 -2	03	P62	: 2.5	S
JUN 3	154:17:56	1B-046-5	143	04 -2	03	P62	: 1.3	L
JUN 3	154:17:56	1B-046-6	143	04 -2	03	P62	:10	S
JUN 3	154:17:57	1B-046-7	143	04 -2	03	P62	: 5	L
JUN 3	154:17:57	1B-046-8	143	04 -2	03	P62	:40	S
JUN 3	154:17:57	1B-047-1	143	04 -2	03	P62	:20	L
JUN 3	154:17:58	1B-047-2	143	04 -2	03	P62	2:40	S
JUN 3	154:18:14	1B-047-3	143	02A-7	10	23	: 2.5	S
JUN 3	154:18:14	1B-047-4	143	02A-7	10	23	: 0.3	L
JUN 3	154:18:14	1B-047-5	143	02A-7	10	23	:10	S
JUN 3	154:18:14	1B-047-6	143	02A-7	10	23	: 1.3	L
JUN 3	154:18:14	1B-047-7	143	02A-7	10	23	:40	S
JUN 3	154:18:15	1B-047-8	143	02A-7	10	23	: 5	L
JUN 3	154:18:15	1B-048-1	143	02A-7	10	23	2:40	S
JUN 3	154:18:18	1B-048-2	143	02A-7	10	23	:20	L
JUN 3	154:20:46	1B-048-3	145	04 -5	14	P62	:40	S
JUN 3	154:20:47	1B-048-4	145	04 -5	14	P62	1:00	S
JUN 3	154:20:48	1B-048-5	145	04 -5	14	P62	6:40	S
JUN 3	154:20:55	1B-048-6	145	04 -5	14	P62	20:00	S
JUN 3	154:22:35	1B-048-7	146	02B-1	04	18	: 2.5	S
JUN 3	154:22:35	1B-048-8	146	02B-1	04	18	: 0.3	L

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JUN 3	154:22:35	1B-049-1	146	02B-1	04	18	:10	S
JUN 3	154:22:35	1B-049-2	146	02B-1	04	18	: 1.3	L
JUN 3	154:22:35	1B-049-3	146	02B-1	04	18	:40	S
JUN 3	154:22:36	1B-049-4	146	02B-1	04	18	: 5	L
JUN 3	154:22:36	1B-049-5	146	02B-1	04	18	2:40	S
JUN 3	154:22:39	1B-049-6	146	02B-1	04	18	:20	L
JUN 3	154:22:43	1B-049-7	146	02B-1	04	18	: 0.3	L
JUN 3	154:22:43	1B-049-8	146	02B-1	04	18	: 2.5	S
JUN 3	154:22:43	1B-050-1	146	02B-1	04	18	: 1.3	L
JUN 3	154:22:43	1B-050-2	146	02B-1	04	18	:10	S
JUN 3	154:22:43	1B-050-3	146	02B-1	04	18	: 5	L
JUN 3	154:22:44	1B-050-4	146	02B-1	04	18	:40	S
JUN 3	154:22:44	1B-050-5	146	02B-1	04	18	:20	L
JUN 3	154:22:45	1B-050-6	146	02B-1	04	18	2:40	S
JUN 3	154:22:53	1B-050-7	146	02B-1	04	18	: 2.5	S
JUN 3	154:22:53	1B-050-8	146	02B-1	04	18	: 0.3	L
JUN 3	154:22:53	1B-051-1	146	02B-1	04	18	:10	S
JUN 3	154:22:54	1B-051-2	146	02B-1	04	18	: 1.3	L
JUN 3	154:22:54	1B-051-3	146	02B-1	04	18	:40	S
JUN 3	154:22:54	1B-051-4	146	02B-1	04	18	: 5	L
JUN 3	154:22:54	1B-051-5	146	02B-1	04	18	2:40	S
JUN 3	154:22:57	1B-051-6	146	02B-1	04	18	:20	L
JUN 4	155:01:48	1B-051-7	148	02A-6	07	23	: 0.3	L
JUN 4	155:01:48	1B-051-8	148	02A-6	07	23	: 2.5	S
JUN 4	155:01:48	1B-052-1	148	02A-6	07	23	: 1.3	L
JUN 4	155:01:48	1B-052-2	148	02A-6	07	23	:10	S
JUN 4	155:01:48	1B-052-3	148	02A-6	07	23	: 5	L
JUN 4	155:01:48	1B-052-4	148	02A-6	07	23	:40	S
JUN 4	155:01:49	1B-052-5	148	02A-6	07	23	:20	L
JUN 4	155:01:50	1B-052-6	148	02A-6	07	23	2:40	S
JUN 4	155:15:55	1B-052-7	157	02B-3	07	18	: 2.5	S
JUN 4	155:15:55	1B-052-8	157	02B-3	07	18	: 0.3	L
JUN 4	155:15:55	1B-053-1	157	02B-3	07	18	:10	S
JUN 4	155:15:55	1B-053-2	157	02B-3	07	18	: 1.3	L
JUN 4	155:15:55	1B-053-3	157	02B-3	07	18	:40	S
JUN 4	155:15:56	1B-053-4	157	02B-3	07	18	: 5	L
JUN 4	155:15:56	1B-053-5	157	02B-3	07	18	2:40	S
JUN 4	155:15:59	1B-053-6	157	02B-3	07	18	:20	L
JUN 4	155:18:32	1B-053-7	159	01A-1	03	18	: 0.3	L
JUN 4	155:18:32	1B-053-8	159	01A-1	03	18	: 2.5	S
JUN 4	155:18:32	1B-054-1	159	01A-1	03	18	: 1.3	L
JUN 4	155:18:32	1B-054-2	159	01A-1	03	18	:10	S
JUN 4	155:18:33	1B-054-3	159	01A-1	03	18	: 5	L
JUN 4	155:18:33	1B-054-4	159	01A-1	03	18	:40	S
JUN 4	155:18:33	1B-054-5	159	01A-1	03	18	:20	L
JUN 4	155:18:34	1B-054-6	159	01A-1	03	18	2:40	S
JUN 4	155:18:59	1B-054-7	159	01A-2	03	QR3	: 2.5	S
JUN 4	155:18:59	1B-054-8	159	01A-2	03	QR3	: 0.3	L

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JUN 4	155:18:59	1B-055-1	159	01A-2	03	QR3	:10	S
JUN 4	155:18:59	1B-055-2	159	01A-2	03	QR3	: 1.3	L
JUN 4	155:18:59	1B-055-3	159	01A-2	03	QR3	:40	S
JUN 4	155:19:00	1B-055-4	159	01A-2	03	QR3	: 5	L
JUN 4	155:19:00	1B-055-5	159	01A-2	03	QR3	2:40	S
JUN 4	155:19:02	1B-055-6	159	01A-2	03	QR3	:20	L
JUN 4	155:19:58	1B-055-7	160	01A-3	11	QR3	: 0.3	L
JUN 4	155:19:58	1B-055-8	160	01A-3	11	QR3	: 2.5	S
JUN 4	155:19:58	1B-056-1	160	01A-3	11	QR3	: 1.3	L
JUN 4	155:19:58	1B-056-2	160	01A-3	11	QR3	:10	S
JUN 4	155:19:59	1B-056-3	160	01A-3	11	QR3	:05	L
JUN 4	155:19:59	1B-056-4	160	01A-3	11	QR3	:40	S
JUN 4	155:19:59	1B-056-5	160	01A-3	11	QR3	:20	L
JUN 4	155:20:00	1B-056-6	160	01A-3	11	QR3	2:40	S
JUN 4	155:20:08	1B-056-7	160	01A-4	06	QR3	: 2.5	S
JUN 4	155:20:08	1B-056-8	160	01A-4	06	QR3	: 0.3	L
JUN 4	155:20:08	1B-057-1	160	01A-4	06	QR3	:10	S
JUN 4	155:20:08	1B-057-2	160	01A-4	06	QR3	: 1.3	L
JUN 4	155:20:09	1B-057-3	160	01A-4	06	QR3	:40	S
JUN 4	155:20:09	1B-057-4	160	01A-4	06	QR3	: 5	L
JUN 4	155:20:09	1B-057-5	160	01A-4	06	QR3	2:40	S
JUN 4	155:20:12	1B-057-6	160	01A-4	06	QR3	:20	L
JUN 4	155:21:45	1B-057-7	161	01A-5	11	QR3	: 0.3	L
JUN 4	155:21:45	1B-057-8	161	01A-5	11	QR3	: 2.5	S
JUN 4	155:21:45	1B-058-1	161	01A-5	11	QR3	: 1.3	L
JUN 4	155:21:45	1B-058-2	161	01A-5	11	QR3	:10	S
JUN 4	155:21:45	1B-058-3	161	01A-5	11	QR3	: 5	L
JUN 4	155:21:45	1B-058-4	161	01A-5	11	QR3	:40	S
JUN 4	155:21:46	1B-058-5	161	01A-5	11	QR3	:20	L
JUN 4	155:21:46	1B-058-6	161	01A-5	11	QR3	2:40	S
JUN 4	155:21:53	1B-058-7	161	01A-6	06	QR3	: 2.5	S
JUN 4	155:21:53	1B-058-8	161	01A-6	06	QR3	: 0.3	L
JUN 4	155:21:53	1B-059-1	161	01A-6	06	QR3	:10	S
JUN 4	155:21:53	1B-059-2	161	01A-6	06	QR3	: 1.3	L
JUN 4	155:21:53	1B-059-3	161	01A-6	06	QR3	:40	S
JUN 4	155:21:54	1B-059-4	161	01A-6	06	QR3	: 5	L
JUN 4	155:21:54	1B-059-5	161	01A-6	06	QR3	2:40	S
JUN 4	155:21:57	1B-059-6	161	01A-6	06	QR3	:20	L
JUN 5	156:00:46	1B-059-7	163	OBS		UNK	16:44	L
JUN 5	156:01:03	1B-059-8	163	01A-1	03	NC3	: 0.3	L
JUN 5	156:01:03	1B-060-1	163	01A-1	03	NC3	: 2.5	S
JUN 5	156:01:03	1B-060-2	163	01A-1	03	NC3	: 1.3	L
JUN 5	156:01:03	1B-060-3	163	01A-1	03	NC3	:10	S
JUN 5	156:01:03	1B-060-4	163	01A-1	03	NC3	: 5	L
JUN 5	156:01:03	1B-060-5	163	01A-1	03	NC3	:40	S
JUN 5	156:01:04	1B-060-6	163	01A-1	03	NC3	:20	L
JUN 5	156:01:04	1B-060-7	163	01A-1	03	NC3	2:40	S
JUN 5	156:01:08	1B-060-8	163	01A-7	11	QR3	: 2.5	S

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JUN 5	156:01:08	1B-061-1	163	01A-7	11	QR3	: 0.3	L
JUN 5	156:01:08	1B-061-2	163	01A-7	11	QR3	:10	S
JUN 5	156:01:09	1B-061-3	163	01A-7	11	QR3	: 1.3	L
JUN 5	156:01:09	1B-061-4	163	01A-7	11	QR3	:40	S
JUN 5	156:01:09	1B-061-5	163	01A-7	11	QR3	: 5	L
JUN 5	156:01:09	1B-061-6	163	01A-7	11	QR3	2:40	S
JUN 5	156:01:12	1B-061-7	163	01A-7	11	QR3	:20	L
JUN 5	156:02:40	1B-061-8	164	12D		QR2	:40	L
JUN 5	156:02:41	1B-062-1	164	12D		QR2	: 5	S
JUN 5	156:16:24	1B-062-2	173	02B-3	07	18	: 0.3	L
JUN 5	156:16:24	1B-062-3	173	02B-3	07	18	: 2.5	S
JUN 5	156:16:25	1B-062-4	173	02B-3	07	18	: 1.3	L
JUN 5	156:16:25	1B-062-5	173	02B-3	07	18	:10	S
JUN 5	156:16:25	1B-062-6	173	02B-3	07	18	: 5	L
JUN 5	156:16:25	1B-062-7	173	02B-3	07	18	:40	S
JUN 5	156:16:26	1B-062-8	173	02B-3	07	18	:20	L
JUN 5	156:16:26	1B-063-1	173	02B-3	07	18	2:40	S
JUN 5	156:16:37	1B-063-2	173	02A-7	10	18	: 2.5	S
JUN 5	156:16:37	1B-063-3	173	02A-7	10	18	: 0.3	L
JUN 5	156:16:37	1B-063-4	173	02A-7	10	18	:10	S
JUN 5	156:16:37	1B-063-5	173	02A-7	10	18	: 1.3	L
JUN 5	156:16:37	1B-063-6	173	02A-7	10	18	:40	S
JUN 5	156:16:38	1B-063-7	173	02A-7	10	18	: 5	L
JUN 5	156:16:38	1B-063-8	173	02A-7	10	18	2:40	S
JUN 5	156:16:41	1B-064-1	173	02A-7	10	18	:20	L
JUN 5	156:20:49	1B-064-2	176	05 -6	23	LB	: 0.3	L
JUN 5	156:20:49	1B-064-3	176	05 -6	23	LB	: 2.5	S
JUN 5	156:20:49	1B-064-4	176	05 -6	23	LB	: 1.3	L
JUN 5	156:20:49	1B-064-5	176	05 -6	23	LB	:10	S
JUN 5	156:20:50	1B-064-6	176	05 -6	23	LB	: 5	L
JUN 5	156:20:50	1B-064-7	176	05 -6	23	LB	:40	S
JUN 5	156:20:50	1B-064-8	176	05 -6	23	LB	:20	L
JUN 5	156:20:51	1B-065-1	176	05 -6	23	LB	2:40	S
JUN 5	156:20:53	1B-065-2	176	05 -6	23	LB	: 0.3	L
JUN 5	156:20:54	1B-065-3	176	05 -6	23	LB	: 2.5	S
JUN 5	156:20:54	1B-065-4	176	05 -6	23	LB	: 1.3	L
JUN 5	156:20:54	1B-065-5	176	05 -6	23	LB	:10	S
JUN 5	156:20:54	1B-065-6	176	05 -6	23	LB	: 5	L
JUN 5	156:20:54	1B-065-7	176	05 -6	23	LB	:40	S
JUN 5	156:20:55	1B-065-8	176	05 -6	23	LB	:20	L
JUN 5	156:20:55	1B-066-1	176	05 -6	23	LB	2:40	S
JUN 5	156:20:58	1B-066-2	176	05 -6	23	LB	: 0.3	L
JUN 5	156:20:58	1B-066-3	176	05 -6	23	LB	: 2.5	S
JUN 5	156:20:58	1B-066-4	176	05 -6	23	LB	: 1.3	L
JUN 5	156:20:58	1B-066-5	176	05 -6	23	LB	:10	S
JUN 5	156:20:58	1B-066-6	176	05 -6	23	LB	: 5	L
JUN 5	156:20:58	1B-066-7	176	05 -6	23	LB	:40	S
JUN 5	156:20:59	1B-066-8	176	05 -6	23	LB	:20	L

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JUN	5	156:20:59	1B-067-1	176	05 -6	23	LB	2:40	S
JUN	5	156:21:02	1B-067-2	176	05 -6	23	LB	: 0.3	L
JUN	5	156:21:02	1B-067-3	176	05 -6	23	LB	: 2.5	S
JUN	5	156:21:02	1B-067-4	176	05 -6	23	LB	: 1.3	L
JUN	5	156:21:02	1B-067-5	176	05 -6	23	LB	:10	S
JUN	5	156:21:02	1B-067-6	176	05 -6	23	LB	: 5	L
JUN	5	156:21:02	1B-067-7	176	05 -6	23	LB	:40	S
JUN	5	156:21:03	1B-067-8	176	05 -6	23	LB	:20	L
JUN	5	156:21:04	1B-068-1	176	05 -6	23	LB	2:40	S
JUN	5	156:21:06	1B-068-2	176	05 -6	23	LB	: 2.5	L
JUN	5	156:21:06	1B-068-3	176	05 -6	23	LB	:10	S
JUN	5	156:21:07	1B-068-4	176	05 -6	23	LB	:10	L
JUN	5	156:21:07	1B-068-5	176	05 -6	23	LB	:40	S
JUN	5	156:21:07	1B-068-6	176	05 -6	23	LB	:40	L
JUN	5	156:21:08	1B-068-7	176	05 -6	23	LB	2:40	S
JUN	5	156:21:11	1B-068-8	176	05 -6	23	LB	2:40	L
JUN	5	156:21:14	1B-069-1	176	05 -6	23	LB	10:40	S
JUN	5	156:21:24	1B-069-2	176	05 -6	23	LB	: 2.5	L
JUN	5	156:21:24	1B-069-3	176	05 -6	23	LB	:10	S
JUN	5	156:21:24	1B-069-4	176	05 -6	23	LB	:10	L
JUN	5	156:21:25	1B-069-5	176	05 -6	23	LB	:40	S
JUN	5	156:21:25	1B-069-6	176	05 -6	23	LB	:40	L
JUN	5	156:21:26	1B-069-7	176	05 -6	23	LB	2:40	S
JUN	5	156:21:29	1B-069-8	176	05 -6	23	LB	2:40	L
JUN	5	156:21:31	1B-070-1	176	05 -6	23	LB	4:08	S
JUN	5	156:22:19	1B-070-2	177	05 -6	23	LB	: 2.5	L
JUN	5	156:22:19	1B-070-3	177	05 -6	23	LB	:10	S
JUN	5	156:22:20	1B-070-4	177	05 -6	23	LB	:10	L
JUN	5	156:22:20	1B-070-5	177	05 -6	23	LB	:40	S
JUN	5	156:22:21	1B-070-6	177	05 -6	23	LB	:40	L
JUN	5	156:22:21	1B-070-7	177	05 -6	23	LB	2:40	S
JUN	5	156:22:24	1B-070-8	177	05 -6	23	LB	2:40	L
JUN	5	156:22:27	1B-071-1	177	05 -6	23	LB	10:40	S
JUN	5	156:22:37	1B-071-2	177	05 -6	23	LB	: 2.5	L
JUN	5	156:22:37	1B-071-3	177	05 -6	23	LB	:10	S
JUN	5	156:22:38	1B-071-4	177	05 -6	23	LB	:10	L
JUN	5	156:22:38	1B-071-5	177	05 -6	23	LB	:40	S
JUN	5	156:22:38	1B-071-6	177	05 -6	23	LB	:40	L
JUN	5	156:22:39	1B-071-7	177	05 -6	23	LB	2:40	S
JUN	5	156:22:42	1B-071-8	177	05 -6	23	LB	2:40	L
JUN	5	156:22:45	1B-072-1	177	05 -6	23	LB	10:40	S
JUN	5	156:22:55	1B-072-2	177	05 -6	23	LB	: 4	L
JUN	5	156:22:55	1B-072-3	177	05 -6	23	LB	:16	S
JUN	5	156:22:56	1B-072-4	177	05 -6	23	LB	:16	L
JUN	5	156:22:56	1B-072-5	177	05 -6	23	LB	1:04	S
JUN	5	156:22:57	1B-072-6	177	05 -6	23	LB	1:04	L
JUN	5	156:22:58	1B-072-7	177	05 -6	23	LB	4:16	S
JUN	5	156:23:02	1B-072-8	177	05 -6	23	LB	4:16	L

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JUN 5	156:23:07	1B-073-1	177	05 -6	23	LB	2:04	S
JUN 6	157:20:08	1B-073-2	191	01A-1	03	LB	: 2.5	S
JUN 6	157:20:08	1B-073-3	191	01A-1	03	LB	: 0.3	L
JUN 6	157:20:08	1B-073-4	191	01A-1	03	LB	:10	S
JUN 6	157:20:08	1B-073-5	191	01A-1	03	LB	: 1.3	L
JUN 6	157:20:08	1B-073-6	191	01A-1	03	LB	:40	S
JUN 6	157:20:09	1B-073-7	191	01A-1	03	LB	: 5	L
JUN 6	157:20:09	1B-073-8	191	01A-1	03	LB	2:40	S
JUN 6	157:20:12	1B-074-1	191	01A-1	03	LB	:20	L
JUN 6	157:20:28	1B-074-2	191	02A-6	07	27	: 0.3	L
JUN 6	157:20:28	1B-074-3	191	02A-6	07	27	: 2.5	S
JUN 6	157:20:28	1B-074-4	191	02A-6	07	27	: 1.3	L
JUN 6	157:20:28	1B-074-5	191	02A-6	07	27	:10	S
JUN 6	157:20:28	1B-074-6	191	02A-6	07	27	: 5	L
JUN 6	157:20:28	1B-074-7	191	02A-6	07	27	:40	S
JUN 6	157:20:29	1B-074-8	191	02A-6	07	27	:20	L
JUN 6	157:20:29	1B-075-1	191	02A-6	07	27	2:40	S
JUN 7	158:01:16	1B-075-2	194	12D		UNK	: 5	L
JUN 7	158:01:17	1B-075-3	194	12D		UNK	:40	L
JUN 8	159:02:25	1B-075-4	210	02A-7	10	31	: 0.3	L
JUN 8	159:02:25	1B-075-5	210	02A-7	10	31	: 2.5	S
JUN 8	159:02:25	1B-075-6	210	02A-7	10	31	: 0.5	L
JUN 9	160:19:56	1B-075-7	237	02B-2	05	18	: 0.3	L
JUN 9	160:19:56	1B-075-8	237	02B-2	05	18	: 2.5	S
JUN 9	160:19:56	1B-076-1	237	02B-2	05	18	: 1.3	L
JUN 9	160:19:56	1B-076-2	237	02B-2	05	18	:10	S
JUN 9	160:19:56	1B-076-3	237	02B-2	05	18	: 5	L
JUN 9	160:19:56	1B-076-4	237	02B-2	05	18	:40	S
JUN 9	160:19:57	1B-076-5	237	02B-2	05	18	:20	L
JUN 9	160:19:57	1B-076-6	237	02B-2	05	18	2:40	S
JUN 9	160:20:06	1B-076-7	237	02B-2	05	18	: 2.5	S
JUN 9	160:20:06	1B-076-8	237	02B-2	05	18	: 0.3	L
JUN 9	160:20:06	1B-077-1	237	02B-2	05	18	:10	S
JUN 9	160:20:06	1B-077-2	237	02B-2	05	18	: 1.3	L
JUN 9	160:20:06	1B-077-3	237	02B-2	05	18	:40	S
JUN 9	160:20:07	1B-077-4	237	02B-2	05	18	: 5	L
JUN 9	160:20:07	1B-077-5	237	02B-2	05	18	2:40	S
JUN 9	160:20:10	1B-077-6	237	02B-2	05	18	:20	L
JUN 9	160:20:12	1B-077-7	237	02B-2	05	18	: 0.3	L
JUN 9	160:20:12	1B-077-8	237	02B-2	05	18	: 2.5	S
JUN 9	160:20:13	1B-078-1	237	02B-2	05	18	: 1.3	L
JUN 9	160:20:13	1B-078-2	237	02B-2	05	18	:10	S
JUN 9	160:20:13	1B-078-3	237	02B-2	05	18	: 5	L
JUN 9	160:20:13	1B-078-4	237	02B-2	05	18	:40	S
JUN 9	160:20:14	1B-078-5	237	02B-2	05	18	:20	L
JUN 9	160:20:14	1B-078-6	237	02B-2	05	18	2:40	S
JUN 9	160:21:18	1B-078-7	238	02A-1	04B	31	: 2.5	S
JUN 9	160:21:18	1B-078-8	238	02A-1	04B	31	: 0.3	L

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JUN 9	160:21:19	1B-079-1	238	02A-1	04B	31	:10	S
JUN 9	160:21:19	1B-079-2	238	02A-1	04B	31	: 1.3	L
JUN 9	160:21:19	1B-079-3	238	02A-1	04B	31	:40	S
JUN 9	160:21:19	1B-079-4	238	02A-1	04B	31	: 5	L
JUN 9	160:21:20	1B-079-5	238	02A-1	04B	31	2:40	S
JUN 9	160:21:22	1B-079-6	238	02A-1	04B	31	:20	L
JUN 9	160:21:25	1B-079-7	238	02A-1	04C	31	: 0.3	L
JUN 9	160:21:25	1B-079-8	238	02A-1	04C	31	: 2.5	S
JUN 9	160:21:25	1B-080-1	238	02A-1	04C	31	: 1.3	L
JUN 9	160:21:25	1B-080-2	238	02A-1	04C	31	:10	S
JUN 9	160:21:25	1B-080-3	238	02A-1	04C	31	: 5	L
JUN 9	160:21:25	1B-080-4	238	02A-1	04C	31	:40	S
JUN 9	160:21:26	1B-080-5	238	02A-1	04C	31	:20	L
JUN 9	160:21:26	1B-080-6	238	02A-1	04C	31	2:40	S
JUN 9	160:21:37	1B-080-7	238	02A-1	04E	31	: 2.5	S
JUN 9	160:21:37	1B-080-8	238	02A-1	04E	31	: 0.3	L
JUN 9	160:21:37	1B-081-1	238	02A-1	04E	31	:10	S
JUN 9	160:21:38	1B-081-2	238	02A-1	04E	31	: 1.3	L
JUN 9	160:21:38	1B-081-3	238	02A-1	04E	31	:40	S
JUN 9	160:21:38	1B-081-4	238	02A-1	04E	31	: 5	L
JUN 9	160:21:38	1B-081-5	238	02A-1	04E	31	2:40	S
JUN 9	160:21:41	1B-081-6	238	02A-1	04E	31	:20	L
JUN 10	161:00:16	1B-081-7	240	01A-1	03	NC1	: 0.3	L
JUN 10	161:00:16	1B-081-8	240	01A-1	03	NC1	: 2.5	S
JUN 10	161:00:16	1B-082-1	240	01A-1	03	NC1	: 1.3	L
JUN 10	161:00:16	1B-082-2	240	01A-1	03	NC1	:10	S
JUN 10	161:00:16	1B-082-3	240	01A-1	03	NC1	: 5	L
JUN 10	161:00:16	1B-082-4	240	01A-1	03	NC1	:40	S
JUN 10	161:00:17	1B-082-5	240	01A-1	03	NC1	:20	L
JUN 10	161:00:17	1B-082-6	240	01A-1	03	NC1	2:40	S
JUN 10	161:00:34	1B-082-7	240	01A-4	07	NC1	: 2.5	S
JUN 10	161:00:34	1B-082-8	240	01A-4	07	NC1	: 0.3	L
JUN 10	161:00:34	1B-083-1	240	01A-4	07	NC1	:10	S
JUN 10	161:00:34	1B-083-2	240	01A-4	07	NC1	: 1.3	L
JUN 10	161:00:34	1B-083-3	240	01A-4	07	NC1	:40	S
JUN 10	161:00:35	1B-083-4	240	01A-4	07	NC1	: 5	L
JUN 10	161:00:35	1B-083-5	240	01A-4	07	NC1	2:40	S
JUN 10	161:00:38	1B-083-6	240	01A-4	07	NC1	:20	L
JUN 10	161:02:14	1B-083-7	241	12D		QR1	: 5	L
JUN 10	161:02:15	1B-083-8	241	12D		QR1	:40	L
JUN 10	161:17:21	1B-084-1	251	02C-2	05	37	: 0.3	L
JUN 10	161:17:21	1B-084-2	251	02C-2	05	37	: 2.5	S
JUN 10	161:17:21	1B-084-3	251	02C-2	05	37	: 1.3	L
JUN 10	161:17:21	1B-084-4	251	02C-2	05	37	:10	S
JUN 10	161:17:21	1B-084-5	251	02C-2	05	37	: 5	L
JUN 10	161:17:21	1B-084-6	251	02C-2	05	37	:40	S
JUN 10	161:17:22	1B-084-7	251	02C-2	05	37	:20	L
JUN 10	161:17:22	1B-084-8	251	02C-2	05	37	2:40	S

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JUN 10	161:17:30	1B-085-1	251	02C-2	05	37	:	2.5S
JUN 10	161:17:30	1B-085-2	251	02C-2	05	37	:	0.3L
JUN 10	161:17:30	1B-085-3	251	02C-2	05	37	:10	S
JUN 10	161:17:31	1B-085-4	251	02C-2	05	37	:	1.3L
JUN 10	161:17:31	1B-085-5	251	02C-2	05	37	:40	S
JUN 10	161:17:31	1B-085-6	251	02C-2	05	37	: 5	L
JUN 10	161:17:31	1B-085-7	251	02C-2	05	37	2:40	S
JUN 10	161:17:34	1B-085-8	251	02C-2	05	37	:20	L
JUN 10	161:17:38	1B-086-1	251	02C-2	05	37	:	0.3L
JUN 10	161:17:38	1B-086-2	251	02C-2	05	37	:	2.5S
JUN 10	161:17:38	1B-086-3	251	02C-2	05	37	:	1.3L
JUN 10	161:17:38	1B-086-4	251	02C-2	05	37	:10	S
JUN 10	161:17:38	1B-086-5	251	02C-2	05	37	: 5	L
JUN 10	161:17:38	1B-086-6	251	02C-2	05	37	:40	S
JUN 10	161:17:39	1B-086-7	251	02C-2	05	37	:20	L
JUN 10	161:17:39	1B-086-8	251	02C-2	05	37	2:40	S
JUN 10	161:18:59	1B-087-1	252	01B-1	03	NC1	:	2.5S
JUN 10	161:18:59	1B-087-2	252	01B-1	03	NC1	:	0.3L
JUN 10	161:18:59	1B-087-3	252	01B-1	03	NC1	:10	S
JUN 10	161:18:59	1B-087-4	252	01B-1	03	NC1	:	1.3L
JUN 10	161:18:59	1B-087-5	252	01B-1	03	NC1	:40	S
JUN 10	161:19:00	1B-087-6	252	01B-1	03	NC1	: 5	L
JUN 10	161:19:00	1B-087-7	252	01B-1	03	NC1	2:40	S
JUN 10	161:19:03	1B-087-8	252	01B-1	03	NC1	:20	L
JUN 10	161:19:15	1B-088-1	252	01B-2	03	NC1	:	0.3L
JUN 10	161:19:15	1B-088-2	252	01B-2	03	NC1	:	2.5S
JUN 10	161:19:15	1B-088-3	252	01B-2	03	NC1	:	1.3L
JUN 10	161:19:15	1B-088-4	252	01B-2	03	NC1	:10	S
JUN 10	161:19:16	1B-088-5	252	01B-2	03	NC1	: 5	L
JUN 10	161:19:16	1B-088-6	252	01B-2	03	NC1	:40	S
JUN 10	161:19:16	1B-088-7	252	01B-2	03	NC1	:20	L
JUN 10	161:19:17	1B-088-8	252	01B-2	03	NC1	2:40	S
JUN 10	161:20:23	1B-089-1	253	01B-3	11	NC1	:	2.5S
JUN 10	161:20:23	1B-089-2	253	01B-3	11	NC1	:	0.3L
JUN 10	161:20:23	1B-089-3	253	01B-3	11	NC1	:10	S
JUN 10	161:20:23	1B-089-4	253	01B-3	11	NC1	:	1.3L
JUN 10	161:20:23	1B-089-5	253	01B-3	11	NC1	:40	S
JUN 10	161:20:24	1B-089-6	253	01B-3	11	NC1	: 5	L
JUN 10	161:20:24	1B-089-7	253	01B-3	11	NC1	2:40	S
JUN 10	161:20:27	1B-089-8	253	01B-3	11	NC1	:20	L
JUN 10	161:20:33	1B-090-1	253	01B-4	06	NC1	:	0.3L
JUN 10	161:20:33	1B-090-2	253	01B-4	06	NC1	:	2.5S
JUN 10	161:20:33	1B-090-3	253	01B-4	06	NC1	:	1.3L
JUN 10	161:20:33	1B-090-4	253	01B-4	06	NC1	:10	S
JUN 10	161:20:33	1B-090-5	253	01B-4	06	NC1	: 5	L
JUN 10	161:20:33	1B-090-6	253	01B-4	06	NC1	:40	S
JUN 10	161:20:34	1B-090-7	253	01B-4	06	NC1	:20	L
JUN 10	161:20:34	1B-090-8	253	01B-4	06	NC1	2:40	S

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JUN 10	161:20:50	1B-091-1	253	01B-5	11	NC1	: 2.5	S
JUN 10	161:20:50	1B-091-2	253	01B-5	11	NC1	: 0.3	L
JUN 10	161:20:50	1B-091-3	253	01B-5	11	NC1	:10	S
JUN 10	161:20:50	1B-091-4	253	01B-5	11	NC1	: 1.3	L
JUN 10	161:20:50	1B-091-5	253	01B-5	11	NC1	:40	S
JUN 10	161:20:51	1B-091-6	253	01B-5	11	NC1	: 5	L
JUN 10	161:20:51	1B-091-7	253	01B-5	11	NC1	2:40	S
JUN 10	161:20:53	1B-091-8	253	01B-5	11	NC1	:20	L
JUN 10	161:21:58	1B-092-1	254	01B-6	06	NC1	: 0.3	L
JUN 10	161:21:58	1B-092-2	254	01B-6	06	NC1	: 2.5	S
JUN 10	161:21:58	1B-092-3	254	01B-6	06	NC1	: 1.3	L
JUN 10	161:21:58	1B-092-4	254	01B-6	06	NC1	:10	S
JUN 10	161:21:58	1B-092-5	254	01B-6	06	NC1	: 5	L
JUN 10	161:21:58	1B-092-6	254	01B-6	06	NC1	:40	S
JUN 10	161:21:59	1B-092-7	254	01B-6	06	NC1	:20	L
JUN 10	161:21:59	1B-092-8	254	01B-6	06	NC1	2:40	S
JUN 10	161:22:26	1B-093-1	254	02B-3	07	37	: 2.5	S
JUN 10	161:22:26	1B-093-2	254	02B-3	07	37	: 0.3	L
JUN 10	161:22:26	1B-093-3	254	02B-3	07	37	:10	S
JUN 10	161:22:27	1B-093-4	254	02B-3	07	37	: 1.3	L
JUN 10	161:22:27	1B-093-5	254	02B-3	07	37	:40	S
JUN 10	161:22:27	1B-093-6	254	02B-3	07	37	: 5	L
JUN 10	161:22:27	1B-093-7	254	02B-3	07	37	2:40	S
JUN 10	161:22:30	1B-093-8	254	02B-3	07	37	:20	L
JUN 11	162:01:39	1B-094-1	256	02B-3	07	31	: 0.3	L
JUN 11	162:01:39	1B-094-2	256	02B-3	07	31	: 2.5	S
JUN 11	162:01:39	1B-094-3	256	02B-3	07	31	: 1.3	L
JUN 11	162:01:40	1B-094-4	256	02B-3	07	31	:10	S
JUN 11	162:01:40	1B-094-5	256	02B-3	07	31	: 5	L
JUN 11	162:01:40	1B-094-6	256	02B-3	07	31	:40	S
JUN 11	162:01:41	1B-094-7	256	02B-3	07	31	:20	L
JUN 11	162:01:41	1B-094-8	256	02B-3	07	31	2:40	S
JUN 11	162:18:30	1B-095-1	267	02C-2	05	37	: 2.5	S
JUN 11	162:18:30	1B-095-2	267	02C-2	05	37	: 0.3	L
JUN 11	162:18:30	1B-095-3	267	02C-2	05	37	:10	S
JUN 11	162:18:31	1B-095-4	267	02C-2	05	37	: 1.3	L
JUN 11	162:18:31	1B-095-5	267	02C-2	05	37	:40	S
JUN 11	162:18:31	1B-095-6	267	02C-2	05	37	: 5	L
JUN 11	162:18:31	1B-095-7	267	02C-2	05	37	2:40	S
JUN 11	162:18:34	1B-095-8	267	02C-2	05	37	:20	L
JUN 11	162:18:39	1B-096-1	267	02C-2	05	37	: 0.3	L
JUN 11	162:18:39	1B-096-2	267	02C-2	05	37	: 2.5	S
JUN 11	162:18:40	1B-096-3	267	02C-2	05	37	: 1.3	L
JUN 11	162:18:40	1B-096-4	267	02C-2	05	37	:10	S
JUN 11	162:18:40	1B-096-5	267	02C-2	05	37	: 5	L
JUN 11	162:18:40	1B-096-6	267	02C-2	05	37	:40	S
JUN 11	162:18:41	1B-096-7	267	02C-2	05	37	:20	L
JUN 11	162:18:41	1B-096-8	267	02C-2	05	37	2:40	S

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JUN 11	162:18:47	1B-097-1	267	02C-2	05	37	: 2.5	S
JUN 11	162:18:47	1B-097-2	267	02C-2	05	37	: 0.3	L
JUN 11	162:18:47	1B-097-3	267	02C-2	05	37	:10	S
JUN 11	162:18:48	1B-097-4	267	02C-2	05	37	: 1.3	L
JUN 11	162:18:48	1B-097-5	267	02C-2	05	37	:40	S
JUN 11	162:18:48	1B-097-6	267	02C-2	05	37	: 5	L
JUN 11	162:18:48	1B-097-7	267	02C-2	05	37	2:40	S
JUN 11	162:18:51	1B-097-8	267	02C-2	05	37	:20	L
JUN 11	162:19:44	1B-098-1	268	02C-5	23	37	: 0.3	L
JUN 11	162:19:44	1B-098-2	268	02C-5	23	37	: 2.5	S
JUN 11	162:19:44	1B-098-3	268	02C-5	23	37	: 1.3	L
JUN 11	162:19:44	1B-098-4	268	02C-5	23	37	:10	S
JUN 11	162:19:44	1B-098-5	268	02C-5	23	37	: 5	L
JUN 11	162:19:44	1B-098-6	268	02C-5	23	37	:40	S
JUN 11	162:19:45	1B-098-7	268	02C-5	23	37	:20	L
JUN 11	162:19:45	1B-098-8	268	02C-5	23	37	2:40	S
JUN 11	162:19:48	1B-099-1	268	02C-5	23	37	: 0.3	L
JUN 11	162:19:48	1B-099-2	268	02C-5	23	37	: 2.5	S
JUN 11	162:19:48	1B-099-3	268	02C-5	23	37	: 1.3	L
JUN 11	162:19:48	1B-099-4	268	02C-5	23	37	:10	S
JUN 11	162:19:48	1B-099-5	268	02C-5	23	37	: 5	L
JUN 11	162:19:48	1B-099-6	268	02C-5	23	37	:40	S
JUN 11	162:19:49	1B-099-7	268	02C-5	23	37	:20	L
JUN 11	162:19:50	1B-099-8	268	02C-5	23	37	2:40	S
JUN 11	162:19:52	1B-100-1	268	02C-5	23	37	: 0.3	L
JUN 11	162:19:52	1B-100-2	268	02C-5	23	37	: 2.5	S
JUN 11	162:19:52	1B-100-3	268	02C-5	23	37	: 1.3	L
JUN 11	162:19:52	1B-100-4	268	02C-5	23	37	:10	S
JUN 11	162:19:53	1B-100-5	268	02C-5	23	37	: 5	L
JUN 11	162:19:53	1B-100-6	268	02C-5	23	37	:40	S
JUN 11	162:19:53	1B-100-7	268	02C-5	23	37	:20	L
JUN 11	162:19:54	1B-100-8	268	02C-5	23	37	2:40	S
JUN 11	162:19:56	1B-101-1	268	02C-5	23	37	: 0.3	L
JUN 11	162:19:57	1B-101-2	268	02C-5	23	37	: 2.5	S
JUN 11	162:19:57	1B-101-3	268	02C-5	23	37	: 1.3	L
JUN 11	162:19:57	1B-101-4	268	02C-5	23	37	:10	S
JUN 11	162:19:57	1B-101-5	268	02C-5	23	37	: 5	L
JUN 11	162:19:57	1B-101-6	268	02C-5	23	37	:40	S
JUN 11	162:19:58	1B-101-7	268	02C-5	23	37	:20	L
JUN 11	162:19:58	1B-101-8	268	02C-5	23	37	2:40	S
JUN 11	162:20:01	1B-102-1	268	02C-5	23	37	: 2.5	L
JUN 11	162:20:01	1B-102-2	268	02C-5	23	37	:10	S
JUN 11	162:20:01	1B-102-3	268	02C-5	23	37	:10	L
JUN 11	162:20:01	1B-102-4	268	02C-5	23	37	:40	S
JUN 11	162:20:02	1B-102-5	268	02C-5	23	37	:40	L
JUN 11	162:20:03	1B-102-6	268	02C-5	23	37	2:40	S
JUN 11	162:20:05	1B-102-7	268	02C-5	23	37	2:40	L
JUN 11	162:20:08	1B-102-8	268	02C-5	23	37	10:40	S

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JUN 11	162:20:19	1B-103-1	268	02C-5	23	37	: 2.5	L
JUN 11	162:20:19	1B-103-2	268	02C-5	23	37	:10	S
JUN 11	162:20:19	1B-103-3	268	02C-5	23	37	:10	S
JUN 11	162:20:19	1B-103-4	268	02C-5	23	37	:40	U
JUN 11	162:20:20	1B-103-5	268	02C-5	23	37	:40	L
JUN 11	162:20:21	1B-103-6	268	02C-5	23	37	2:40	S
JUN 11	162:20:23	1B-103-7	268	02C-5	23	37	2:40	L
JUN 11	162:20:26	1B-103-8	268	02C-5	23	37	7:09	S
JUN 11	162:21:26	1B-104-1	269	02E-1	06	31	7:43	S
JUN 11	162:21:33	1B-104-2	269	02E-1	06	31	: 2.5	S
JUN 11	162:21:33	1B-104-3	269	02E-1	06	31	: 0.3	L
JUN 11	162:21:33	1B-104-4	269	02E-1	06	31	:10	S
JUN 11	162:21:34	1B-104-5	269	02E-1	06	31	: 1.3	L
JUN 11	162:21:34	1B-104-6	269	02E-1	06	31	:40	S
JUN 11	162:21:34	1B-104-7	269	02E-1	06	31	: 5	L
JUN 11	162:21:35	1B-104-8	269	02E-1	06	31	2:40	S
JUN 11	162:21:37	1B-105-1	269	02E-1	06	31	:20	L
JUN 11	162:21:40	1B-105-2	269	02E-2	06	31	: 0.3	L
JUN 11	162:21:40	1B-105-3	269	02E-2	06	31	: 2.5	S
JUN 11	162:21:40	1B-105-4	269	02E-2	06	31	: 1.3	L
JUN 11	162:21:40	1B-105-5	269	02E-2	06	31	:10	S
JUN 11	162:21:40	1B-105-6	269	02E-2	06	31	: 5	L
JUN 11	162:21:40	1B-105-7	269	02E-2	06	31	:40	S
JUN 11	162:21:41	1B-105-8	269	02E-2	06	31	:20	L
JUN 11	162:21:41	1B-106-1	269	02E-2	06	31	2:40	S
JUN 11	162:21:58	1B-106-2	269	OBS		QR1	: 0.3	L
JUN 11	162:21:58	1B-106-3	269	OBS		QR1	: 2.5	S
JUN 11	162:21:59	1B-106-4	269	OBS		QR1	: 2	U
JUN 11	162:22:00	1B-106-5	269	12D-1	06	QR1	: 5	L
JUN 11	162:22:01	1B-106-6	269	12D-1	06	QR1	:43	S
JUN 12	163:00:26	1B-106-7	271	11 -2	10	31	: 2.5	S
JUN 12	163:00:26	1B-106-8	271	11 -2	10	31	: 0.3	L
JUN 12	163:00:26	1B-107-1	271	11 -2	10	31	:10	S
JUN 12	163:00:26	1B-107-2	271	11 -2	10	31	: 1.3	L
JUN 12	163:00:26	1B-107-3	271	11 -2	10	31	:40	S
JUN 12	163:00:27	1B-107-4	271	11 -2	10	31	: 5	L
JUN 12	163:00:27	1B-107-5	271	11 -2	10	31	2:40	S
JUN 12	163:00:30	1B-107-6	271	11 -2	10	31	:20	L
JUN 12	163:00:32	1B-107-7	271	11 -3	18	31	: 0.3	L
JUN 12	163:00:32	1B-107-8	271	11 -3	18	31	: 2.5	S
JUN 12	163:00:32	1B-108-1	271	11 -3	18	31	: 1.3	L
JUN 12	163:00:32	1B-108-2	271	11 -3	18	31	:10	S
JUN 12	163:00:32	1B-108-3	271	11 -3	18	31	: 5	L
JUN 12	163:00:32	1B-108-4	271	11 -3	18	31	:40	S
JUN 12	163:00:33	1B-108-5	271	11 -3	18	31	:20	L
JUN 12	163:00:33	1B-108-6	271	11 -3	18	31	2:40	S
JUN 12	163:00:36	1B-108-7	271	11 -3	18	31	: 2.5	S
JUN 12	163:00:36	1B-108-8	271	11 -3	18	31	: 0.3	L

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JUN 12	163:00:36	1B-109-1	271	11 -3	18	31	:10	S
JUN 12	163:00:36	1B-109-2	271	11 -3	18	31	: 1.3	L
JUN 12	163:00:36	1B-109-3	271	11 -3	18	31	:40	S
JUN 12	163:00:37	1B-109-4	271	11 -3	18	31	: 5	L
JUN 12	163:00:37	1B-109-5	271	11 -3	18	31	2:40	S
JUN 12	163:00:40	1B-109-6	271	11 -3	18	31	:20	L
JUN 12	163:00:40	1B-109-7	271	11 -3	18	31	: 0.3	L
JUN 12	163:00:40	1B-109-8	271	11 -3	18	31	: 2.5	S
JUN 12	163:00:40	1B-110-1	271	11 -3	18	31	: 1.3	L
JUN 12	163:00:40	1B-110-2	271	11 -3	18	31	:10	S
JUN 12	163:00:41	1B-110-3	271	11 -3	18	31	: 5	L
JUN 12	163:00:41	1B-110-4	271	11 -3	18	31	:40	S
JUN 12	163:00:41	1B-110-5	271	11 -3	18	31	:20	L
JUN 12	163:00:42	1B-110-6	271	11 -3	18	31	2:40	S
JUN 12	163:00:44	1B-110-7	271	11 -3	18	31	: 2.5	S
JUN 12	163:00:45	1B-110-8	271	11 -3	18	31	: 0.3	L
JUN 12	163:00:45	1B-111-1	271	11 -3	18	31	:10	S
JUN 12	163:00:45	1B-111-2	271	11 -3	18	31	: 1.3	L
JUN 12	163:00:45	1B-111-3	271	11 -3	18	31	:40	S
JUN 12	163:00:46	1B-111-4	271	11 -3	18	31	: 5	L
JUN 12	163:00:46	1B-111-5	271	11 -3	18	31	2:40	S
JUN 12	163:00:48	1B-111-6	271	11 -3	18	31	:20	L
JUN 12	163:00:50	1B-111-7	271	11 -3	18	31	: 0.3	L
JUN 12	163:00:50	1B-111-8	271	11 -3	18	31	: 2.5	S
JUN 12	163:00:50	1B-112-1	271	11 -3	18	31	: 1.3	L
JUN 12	163:00:50	1B-112-2	271	11 -3	18	31	:10	S
JUN 12	163:00:50	1B-112-3	271	11 -3	18	31	: 5	L
JUN 12	163:00:50	1B-112-4	271	11 -3	18	31	:40	S
JUN 12	163:00:51	1B-112-5	271	11 -3	18	31	:20	L
JUN 12	163:00:51	1B-112-6	271	11 -3	18	31	2:40	S
JUN 12	163:01:01	1B-112-7	271	11 -5	10	31	: 2.5	S
JUN 12	163:01:01	1B-112-8	271	11 -5	10	31	: 0.3	L
JUN 12	163:01:01	1B-113-1	271	11 -5	10	31	:10	S
JUN 12	163:01:02	1B-113-2	271	11 -5	10	31	: 1.3	L
JUN 12	163:01:02	1B-113-3	271	11 -5	10	31	:40	S
JUN 12	163:01:02	1B-113-4	271	11 -5	10	31	: 5	L
JUN 12	163:01:02	1B-113-5	271	11 -5	10	31	2:40	S
JUN 12	163:01:05	1B-113-6	271	11 -5	10	31	:20	L
JUN 12	163:16:01	1B-113-7	281	04 -2	03	P81	: 0.3	L
JUN 12	163:16:01	1B-113-8	281	04 -2	03	P81	: 2.5	S
JUN 12	163:16:01	1B-114-1	281	04 -2	03	P81	: 1.3	L
JUN 12	163:16:01	1B-114-2	281	04 -2	03	P81	:10	S
JUN 12	163:16:01	1B-114-3	281	04 -2	03	P81	: 5	L
JUN 12	163:16:01	1B-114-4	281	04 -2	03	P81	:40	S
JUN 12	163:16:02	1B-114-5	281	04 -2	03	P81	:20	L
JUN 12	163:16:02	1B-114-6	281	04 -2	03	P81	2:40	S
JUN 12	163:16:19	1B-114-7	281	04 -3	03	P81	: 2.5	S
JUN 12	163:16:19	1B-114-8	281	04 -3	03	P81	: 0.3	L

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JUN 12	163:16:19	1B-115-1	281	04 -3	03	P81	:10	S
JUN 12	163:16:19	1B-115-2	281	04 -3	03	P81	: 1.3	L
JUN 12	163:16:19	1B-115-3	281	04 -3	03	P81	:40	S
JUN 12	163:16:20	1B-115-4	281	04 -3	03	P81	: 5	L
JUN 12	163:16:20	1B-115-5	281	04 -3	03	P81	2:40	S
JUN 12	163:16:23	1B-115-6	281	04 -3	03	P81	:20	L
JUN 12	163:17:31	1B-115-7	282	04 -3	06	P81	: 0.3	L
JUN 12	163:17:31	1B-115-8	282	04 -3	06	P81	: 2.5	S
JUN 12	163:17:31	1B-116-1	282	04 -3	06	P81	: 1.3	L
JUN 12	163:17:31	1B-116-2	282	04 -3	06	P81	:10	S
JUN 12	163:17:31	1B-116-3	282	04 -3	06	P81	: 5	L
JUN 12	163:17:32	1B-116-4	282	04 -3	06	P81	:40	S
JUN 12	163:17:32	1B-116-5	282	04 -3	06	P81	:20	L
JUN 12	163:17:33	1B-116-6	282	04 -3	06	P81	2:40	S
JUN 12	163:17:48	1B-116-7	282	02B-3	07	37	: 2.5	S
JUN 12	163:17:48	1B-116-8	282	02B-2	07	37	: 0.3	L
JUN 12	163:17:48	1B-117-1	282	02B-3	07	37	:10	S
JUN 12	163:17:48	1B-117-2	282	02B-3	07	37	: 1.3	L
JUN 12	163:17:48	1B-117-3	282	02B-3	07	37	:40	S
JUN 12	163:17:49	1B-117-4	282	02B-3	07	37	: 5	L
JUN 12	163:17:49	1B-117-5	282	02B-3	07	37	2:40	S
JUN 12	163:17:52	1B-117-6	282	02B-3	07	37	:20	L
JUN 12	163:18:01	1B-117-7	282	02B-3	11	37	: 0.3	L
JUN 12	163:18:01	1B-117-8	282	02B-3	11	37	: 2.5	S
JUN 12	163:18:01	1B-118-1	282	02B-3	11	37	: 1.3	L
JUN 12	163:18:01	1B-118-2	282	02B-3	11	37	:10	S
JUN 12	163:18:01	1B-118-3	282	02B-3	11	37	: 5	L
JUN 12	163:18:01	1B-118-4	282	02B-3	11	37	:40	S
JUN 12	163:18:02	1B-118-5	282	02B-3	11	37	:20	L
JUN 12	163:18:02	1B-118-6	282	02B-3	11	37	2:40	S
JUN 12	163:19:16	1B-118-7	283	01D-1	03	BS1	: 2.5	S
JUN 12	163:19:16	1B-118-8	283	01D-1	03	BS1	: 0.3	L
JUN 12	163:19:16	1B-119-1	283	01D-1	03	BS1	:10	S
JUN 12	163:19:17	1B-119-2	283	01D-1	03	BS1	: 1.3	L
JUN 12	163:19:17	1B-119-3	283	01D-1	03	BS1	:40	S
JUN 12	163:19:17	1B-119-4	283	01D-1	03	BS1	: 5	L
JUN 12	163:19:17	1B-119-5	283	01D-1	03	BS1	2:40	S
JUN 12	163:19:20	1B-119-6	283	01D-1	03	BS1	:20	L
JUN 12	163:19:31	1B-119-7	283	01D-2	03	BS1	: 0.3	L
JUN 12	163:19:31	1B-119-8	283	01D-2	03	BS1	: 2.5	S
JUN 12	163:19:32	1B-120-1	283	01D-2	03	BS1	: 1.3	L
JUN 12	163:19:32	1B-120-2	283	01D-2	03	BS1	:10	S
JUN 12	163:19:32	1B-120-3	283	01D-2	03	BS1	: 5	L
JUN 12	163:19:32	1B-120-4	283	01D-2	03	BS1	:40	S
JUN 12	163:19:33	1B-120-5	283	01D-2	03	BS1	:20	L
JUN 12	163:19:33	1B-120-6	283	01D-2	03	BS1	2:40	S
JUN 12	163:20:35	1B-120-7	284	01D-3	06	BS1	: 2.5	S
JUN 12	163:20:35	1B-120-8	284	01D-3	06	BS1	: 0.3	L

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JUN 12	163:20:35	1B-121-1	284	01D-3	06	BS1	:10	S
JUN 12	163:20:35	1B-121-2	284	01D-3	06	BS1	: 1.3	L
JUN 12	163:20:35	1B-121-3	284	01D-3	06	BS1	:40	S
JUN 12	163:20:36	1B-121-4	284	01D-3	06	BS1	: 5	L
JUN 12	163:20:36	1B-121-5	284	01D-3	06	BS1	2:40	S
JUN 12	163:20:39	1B-121-6	284	01D-3	06	BS1	:20	L
JUN 12	163:20:53	1B-121-7	284	01D-4	11	BS1	: 0.3	L
JUN 12	163:20:53	1B-121-8	284	01D-4	11	BS1	: 2.5	S
JUN 12	163:20:53	1B-122-1	284	01D-4	11	BS1	: 1.3	L
JUN 12	163:20:53	1B-122-2	284	01D-4	11	BS1	:10	S
JUN 12	163:20:53	1B-122-3	284	01D-4	11	BS1	: 5	L
JUN 12	163:20:53	1B-122-4	284	01D-4	11	BS1	:40	S
JUN 12	163:20:54	1B-122-5	284	01D-4	11	BS1	:20	L
JUN 12	163:20:55	1B-122-6	284	01D-4	11	BS1	2:40	S
JUN 12	163:21:02	1B-122-7	284	01D-5	06	BS1	: 2.5	S
JUN 12	163:21:02	1B-122-8	284	01D-5	06	BS1	: 0.3	L
JUN 12	163:21:02	1B-123-1	284	01D-5	06	BS1	:10	S
JUN 12	163:21:02	1B-123-2	284	01D-5	06	BS1	: 1.3	L
JUN 12	163:21:02	1B-123-3	284	01D-5	06	BS1	:40	S
JUN 12	163:21:03	1B-123-4	284	01D-5	06	BS1	: 5	L
JUN 12	163:21:03	1B-123-5	284	01D-5	06	BS1	2:40	S
JUN 12	163:21:06	1B-123-6	284	01D-5	06	BS1	:20	L
JUN 12	163:21:26	1B-123-7	284	07 -2	15	31	:10	S
JUN 12	163:21:26	1B-123-8	284	07 -2	15	31	:10	S
JUN 12	163:21:26	1B-124-1	284	07 -2	15	31	:10	S
JUN 12	163:21:27	1B-124-2	284	07 -2	15	31	:10	S
JUN 12	163:21:27	1B-124-3	284	07 -2	15	31	:10	S
JUN 12	163:21:27	1B-124-4	284	07 -2	15	31	:10	S
JUN 12	163:21:27	1B-124-5	284	07 -2	15	31	:10	S
JUN 12	163:21:28	1B-124-6	284	07 -2	15	31	:10	S
JUN 12	163:21:28	1B-124-7	284	07 -2	15	31	:10	S
JUN 12	163:22:21	1B-124-8	285	02B-1	04	31	: 2.5	S
JUN 12	163:22:21	1B-125-1	285	02B-1	04	31	: 0.3	L
JUN 12	163:22:21	1B-125-2	285	02B-1	04	31	:10	S
JUN 12	163:22:21	1B-125-3	285	02B-1	04	31	: 1.3	L
JUN 12	163:22:21	1B-125-4	285	02B-1	04	31	:40	S
JUN 12	163:22:22	1B-125-5	285	02B-1	04	31	: 5	L
JUN 12	163:22:22	1B-125-6	285	02B-1	04	31	2:40	S
JUN 12	163:22:25	1B-125-7	285	02B-1	04	31	:20	L
JUN 12	163:22:29	1B-125-8	285	02B-1	04	31	: 0.3	L
JUN 12	163:22:29	1B-126-1	285	02B-1	04	31	: 2.5	S
JUN 12	163:22:29	1B-126-2	285	02B-1	04	31	: 1.3	L
JUN 12	163:22:29	1B-126-3	285	02B-1	04	31	:10	S
JUN 12	163:22:30	1B-126-4	285	02B-1	04	31	: 5	L
JUN 12	163:22:30	1B-126-5	285	02B-1	04	31	:40	S
JUN 12	163:22:30	1B-126-6	285	02B-1	04	31	:20	L
JUN 12	163:22:31	1B-126-7	285	02B-1	04	31	2:40	S
JUN 12	163:22:40	1B-126-8	285	02B-1	04	31	: 2.5	S

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JUN 12	163:22:40	1B-127-1	285	02B-1	04	31	: 0.3	L
JUN 12	163:22:40	1B-127-2	285	02B-1	04	31	:10	S
JUN 12	163:22:40	1B-127-3	285	02B-1	04	31	: 1.3	L
JUN 12	163:22:40	1B-127-4	285	02B-1	04	31	:40	S
JUN 12	163:22:41	1B-127-5	285	02B-1	04	31	: 5	L
JUN 12	163:22:41	1B-127-6	285	02B-1	04	31	2:40	S
JUN 12	163:22:44	1B-127-7	285	02B-1	04	31	:20	L
JUN 12	163:22:58	1B-127-8	285	07 -2	15	31	: 2	L
JUN 12	163:22:58	1B-128-1	285	07 -2	15	31	: 2	L
JUN 12	163:22:58	1B-128-2	285	07 -2	15	31	: 2	L
JUN 12	163:22:58	1B-128-3	285	07 -2	15	31	: 2	L
JUN 12	163:22:58	1B-128-4	285	07 -2	15	31	: 2	L
JUN 12	163:22:58	1B-128-5	285	07 -2	15	31	: 2	L
JUN 12	163:22:58	1B-128-6	285	07 -2	15	31	: 2	L
JUN 12	163:22:58	1B-128-7	285	07 -2	15	31	: 2	L
JUN 12	163:22:58	1B-128-8	285	07 -2	15	31	: 2	L
JUN 12	163:22:58	1B-129-1	285	07 -2	15	31	: 2	L
JUN 12	163:22:58	1B-129-2	285	07 -2	15	31	: 2	L
JUN 12	163:22:58	1B-129-3	285	07 -2	15	31	: 2	L
JUN 12	163:22:58	1B-129-4	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-129-5	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-129-6	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-129-7	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-129-8	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-130-1	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-130-2	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-130-3	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-130-4	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-130-5	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-130-6	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-130-7	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-130-8	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-131-1	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-131-2	285	07 -2	15	31	: 2	L
JUN 12	163:22:59	1B-131-3	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-131-4	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-131-5	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-131-6	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-131-7	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-131-8	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-132-1	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-132-2	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-132-3	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-132-4	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-132-5	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-132-6	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-132-7	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-132-8	285	07 -2	15	31	: 2	L

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JUN 12	163:23:00	1B-133-1	285	07 -2	15	31	: 2	L
JUN 12	163:23:00	1B-133-2	285	07 -2	15	31	: 2	L
JUN 12	163:23:01	1B-133-3	285	07 -2	15	31	: 2	L
JUN 12	163:23:01	1B-133-4	285	07 -2	15	31	: 2	L
JUN 12	163:23:01	1B-133-5	285	07 -2	15	31	: 2	L
JUN 12	163:23:01	1B-133-6	285	07 -2	15	31	: 2	L
JUN 13	164:18:19	1B-133-7	298	12B-1	22	37	: 0.3	L
JUN 13	164:18:19	1B-133-8	298	12B-1	22	37	: 2.5	S
JUN 13	164:18:19	1B-134-1	298	12B-1	22	37	: 1.3	L
JUN 13	164:18:19	1B-134-2	298	12B-1	22	37	:10	S
JUN 13	164:18:19	1B-134-3	298	12B-1	22	37	: 5	L
JUN 13	164:18:20	1B-134-4	298	12B-1	22	37	:40	S
JUN 13	164:18:20	1B-134-5	298	12B-1	22	37	:20	L
JUN 13	164:18:21	1B-134-6	298	12B-1	22	37	2:40	S
JUN 13	164:19:55	1B-134-7	299	12B-2	13	LB1	: 2.5	S
JUN 13	164:19:55	1B-134-8	299	12B-2	13	LB1	: 0.3	L
JUN 13	164:19:55	1B-135-1	299	12B-2	13	LB1	:10	S
JUN 13	164:19:55	1B-135-2	299	12B-2	13	LB1	: 1.3	L
JUN 13	164:19:55	1B-135-3	299	12B-2	13	LB1	:40	S
JUN 13	164:19:56	1B-135-4	299	12B-2	13	LB1	: 5	L
JUN 13	164:19:56	1B-135-5	299	12B-2	13	LB1	2:40	S
JUN 13	164:19:58	1B-135-6	299	12B-2	13	LB1	:20	L
JUN 13	164:19:59	1B-135-7	299	12B-2	13	LB1	: 2.5	S
JUN 13	164:19:59	1B-135-8	299	12B-2	13	LB1	: 0.3	L
JUN 13	164:19:59	1B-136-1	299	12B-2	13	LB1	:10	S
JUN 13	164:19:59	1B-136-2	299	12B-2	13	LB1	: 1.3	L
JUN 13	164:19:59	1B-136-3	299	12B-2	13	LB1	:40	S
JUN 13	164:20:00	1B-136-4	299	12B-2	13	LB1	: 5	L
JUN 13	164:20:00	1B-136-5	299	12B-2	13	LB1	2:40	S
JUN 13	164:20:03	1B-136-6	299	12B-2	13	LB1	:20	L
JUN 13	164:20:03	1B-136-7	299	12B-2	13	LB1	: 2.5	S
JUN 13	164:20:03	1B-136-8	299	12B-2	13	LB1	: 0.3	U
JUN 13	164:20:03	1B-137-1	299	12B-2	13	LB1	:10	U
JUN 13	164:20:03	1B-137-2	299	12B-2	13	LB1	: 1.3	L
JUN 13	164:20:03	1B-137-3	299	12B-2	13	LB1	:40	S
JUN 13	164:20:04	1B-137-4	299	12B-2	13	LB1	: 5	L
JUN 13	164:20:04	1B-137-5	299	12B-2	13	LB1	2:40	S
JUN 13	164:20:07	1B-137-6	299	12B-2	13	LB1	:20	L
JUN 13	164:20:07	1B-137-7	299	12B-2	13	LB1	: 2.5	S
JUN 13	164:20:07	1B-137-8	299	12B-2	13	LB1	: 0.3	L
JUN 13	164:20:07	1B-138-1	299	12B-2	13	LB1	:10	S
JUN 13	164:20:08	1B-138-2	299	12B-2	13	LB1	: 1.3	L
JUN 13	164:20:08	1B-138-3	299	12B-2	13	LB1	:40	S
JUN 13	164:20:08	1B-138-4	299	12B-2	13	LB1	: 5	L
JUN 13	164:20:09	1B-138-5	299	12B-2	13	LB1	2:40	S
JUN 13	164:20:11	1B-138-6	299	12B-2	13	LB1	:20	L
JUN 13	164:20:12	1B-138-7	299	12B-2	13	LB1	:10	S
JUN 13	164:20:12	1B-138-8	299	12B-2	13	LB1	: 2.5	L

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JUN 13	164:20:12	1B-139-1	299	12B-2	13	LB1	:40	S
JUN 13	164:20:13	1B-139-2	299	12B-2	13	LB1	:10	L
JUN 13	164:20:13	1B-139-3	299	12B-2	13	LB1	2:40	S
JUN 13	164:20:15	1B-139-4	299	12B-2	13	LB1	:40	L
JUN 13	164:20:16	1B-139-5	299	12B-2	13	LB1	10:40	S
JUN 13	164:20:27	1B-139-6	299	12B-2	13	LB1	2:40	L
JUN 13	164:20:30	1B-139-7	299	12B-2	13	LB1	:10	S
JUN 13	164:20:30	1B-139-8	299	12B-2	13	LB1	: 2.5	L
JUN 13	164:20:30	1B-140-1	299	12B-2	13	LB1	:40	S
JUN 13	164:20:31	1B-140-2	299	12B-2	13	LB1	:10	L
JUN 13	164:20:31	1B-140-3	299	12B-2	13	LB1	2:40	S
JUN 13	164:20:33	1B-140-4	299	12B-2	13	LB1	:40	L
JUN 13	164:20:34	1B-140-5	299	12B-2	13	LB1	7:51	S
JUN 13	164:21:25	1B-140-6	300	12B-2	13	LB1	2:40	L
JUN 13	164:21:27	1B-140-7	300	12B-2	13	LB1	:10	S
JUN 13	164:21:28	1B-140-8	300	12B-2	13	LB1	: 2.5	L
JUN 13	164:21:28	1B-141-1	300	12B-2	13	LB1	:40	S
JUN 13	164:21:28	1B-141-2	300	12B-2	13	LB1	:10	L
JUN 13	164:21:29	1B-141-3	300	12B-2	13	LB1	2:40	S
JUN 13	164:21:31	1B-141-4	300	12B-2	13	LB1	:40	L
JUN 13	164:21:32	1B-141-5	300	12B-2	13	LB1	10:40	S
JUN 13	164:21:43	1B-141-6	300	12B-2	13	LB1	2:40	L
JUN 13	164:21:45	1B-141-7	300	12B-2	13	LB1	:10	S
JUN 13	164:21:46	1B-141-8	300	12B-2	13	LB1	: 2.5	L
JUN 13	164:21:46	1B-142-1	300	12B-2	13	LB1	:40	S
JUN 13	164:21:46	1B-142-2	300	12B-2	13	LB1	:10	L
JUN 13	164:21:47	1B-142-3	300	12B-2	13	LB1	2:40	S
JUN 13	164:21:49	1B-142-4	300	12B-2	13	LB1	:40	L
JUN 13	164:21:50	1B-142-5	300	12B-2	13	LB1	10:40	S
JUN 13	164:22:01	1B-142-6	300	12B-2	13	LB1	2:40	L
JUN 13	164:22:03	1B-142-7	300	12B-2	13	LB1	:10	S
JUN 13	164:22:04	1B-142-8	300	12B-2	13	LB1	: 4	L
JUN 13	164:22:04	1B-143-1	300	12B-2	13	LB1	1:04	S
JUN 13	164:22:05	1B-143-2	300	12B-2	13	LB1	:16	L
JUN 13	164:22:05	1B-143-3	300	12B-2	13	LB1	4:16	S
JUN 13	164:22:09	1B-143-4	300	12B-2	13	LB1	1:04	L
JUN 13	164:22:10	1B-143-5	300	12B-2	13	LB1	5:16	S
JUN 13	164:22:58	1B-143-6	301	12B-3	06	LB1	: 2.5	S
JUN 13	164:22:58	1B-143-7	301	12B-3	06	LB1	: 0.3	L
JUN 13	164:22:58	1B-143-8	301	12B-3	06	LB1	:10	S
JUN 13	164:22:58	1B-144-1	301	12B-3	06	LB1	: 1.3	L
JUN 13	164:22:58	1B-144-2	301	12B-3	06	LB1	:40	S
JUN 13	164:22:59	1B-144-3	301	12B-3	06	LB1	: 5	L
JUN 13	164:22:59	1B-144-4	301	12B-3	06	LB1	2:40	S
JUN 13	164:23:02	1B-144-5	301	12B-3	06	LB1	:20	L
JUN 13	164:23:13	1B-144-6	301	12B-3	06	LB1	: 0.3	L
JUN 13	164:23:13	1B-144-7	301	12B-3	06	LB1	: 2.5	S
JUN 13	164:23:13	1B-144-8	301	12B-3	06	LB1	: 1.3	L

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JUN 13	164:23:13	1B-145-1	301	12B-3	06	LB1	:10	S
JUN 13	164:23:13	1B-145-2	301	12B-3	06	LB1	: 5	L
JUN 13	164:23:14	1B-145-3	301	12B-3	06	LB1	:40	S
JUN 13	164:23:14	1B-145-4	301	12B-3	06	LB1	:20	L
JUN 13	164:23:15	1B-145-5	301	12B-3	06	LB1	2:40	S
JUN 13	164:23:31	1B-145-6	301	12B-4	06	LB1	: 2.5	S
JUN 13	164:23:32	1B-145-7	301	12B-4	06	LB1	: 0.3	L
JUN 13	164:23:32	1B-145-8	301	12B-4	06	LB1	:10	S
JUN 13	164:23:32	1B-146-1	301	12B-4	06	LB1	: 1.3	L
JUN 13	164:23:32	1B-146-2	301	12B-4	06	LB1	:40	S
JUN 13	164:23:33	1B-146-3	301	12B-4	06	LB1	: 5	L
JUN 13	164:23:33	1B-146-4	301	12B-4	06	LB1	2:40	S
JUN 13	164:23:35	1B-146-5	301	12B-4	06	LB1	:20	L
JUN 14	165:00:31	1B-146-6	302	12B-3	06	LB1	: 0.3	L
JUN 14	165:00:31	1B-146-7	302	12B-3	06	LB1	: 2.5	S
JUN 14	165:00:31	1B-146-8	302	12B-3	06	LB1	: 1.3	L
JUN 14	165:00:31	1B-147-1	302	12B-3	06	LB1	:10	S
JUN 14	165:00:31	1B-147-2	302	12B-3	06	LB1	: 5	L
JUN 14	165:00:31	1B-147-3	302	12B-3	06	LB1	:40	S
JUN 14	165:00:32	1B-147-4	302	12B-3	06	LB1	:20	L
JUN 14	165:00:33	1B-147-5	302	12B-3	06	LB1	2:40	S
JUN 14	165:17:40	1B-147-6	313	02A-7	10	37	: 2.5	S
JUN 14	165:17:40	1B-147-7	313	02A-7	10	37	: 0.3	L
JUN 14	165:17:40	1B-147-8	313	02A-7	10	37	:10	S
JUN 14	165:17:40	1B-148-1	313	02A-7	10	37	: 1.3	L
JUN 14	165:17:40	1B-148-2	313	02A-7	10	37	:40	S
JUN 14	165:17:41	1B-148-3	313	02A-7	10	37	: 5	L
JUN 14	165:17:41	1B-148-4	313	02A-7	10	37	2:40	S
JUN 14	165:17:44	1B-148-5	313	02A-7	10	37	:20	L
JUN 14	165:17:51	1B-148-6	313	02A-6	07	37	: 0.3	L
JUN 14	165:17:51	1B-148-7	313	02A-6	07	37	: 2.5	S
JUN 14	165:17:51	1B-148-8	313	02A-6	07	37	: 1.3	L
JUN 14	165:17:51	1B-149-1	313	02A-6	07	37	:10	S
JUN 14	165:17:52	1B-149-2	313	02A-6	07	37	: 5	L
JUN 14	165:17:52	1B-149-3	313	02A-6	07	37	:40	S
JUN 14	165:17:52	1B-149-4	313	02A-6	07	37	:20	L
JUN 14	165:17:53	1B-149-5	313	02A-6	07	37	2:40	S
JUN 14	165:19:18	1B-149-6	314	02A-1	04	37	: 2.5	S
JUN 14	165:19:18	1B-149-7	314	02A-1	04	37	: 0.3	L
JUN 14	165:19:18	1B-149-8	314	02A-1	04	37	:10	S
JUN 14	165:19:19	1B-150-1	314	02A-1	04	37	: 1.3	L
JUN 14	165:19:19	1B-150-2	314	02A-1	04	37	:40	S
JUN 14	165:19:19	1B-150-3	314	02A-1	04	37	: 5	L
JUN 14	165:19:19	1B-150-4	314	02A-1	04	37	2:40	S
JUN 14	165:19:22	1B-150-5	314	02A-1	04	37	:20	L
JUN 14	165:19:26	1B-150-6	314	02A-1	04	37	: 0.3	L
JUN 14	165:19:26	1B-150-7	314	02A-1	04	37	: 2.5	S
JUN 14	165:19:26	1B-150-8	314	02A-1	04	37	: 1.3	L

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JUN 14	165:19:26	1B-151-1	314	02A-1	04	37	:10	S
JUN 14	165:19:26	1B-151-2	314	02A-1	04	37	: 5	L
JUN 14	165:19:26	1B-151-3	314	02A-1	04	37	:40	S
JUN 14	165:19:27	1B-151-4	314	02A-1	04	37	:20	L
JUN 14	165:19:27	1B-151-5	314	02A-1	04	37	2:40	S
JUN 14	165:19:39	1B-151-6	314	02A-1	04	37	: 2.5	S
JUN 14	165:19:39	1B-151-7	314	02A-1	04	37	: 0.3	L
JUN 14	165:19:39	1B-151-8	314	02A-1	04	37	:10	S
JUN 14	165:19:39	1B-152-1	314	02A-1	04	37	: 1.3	L
JUN 14	165:19:39	1B-152-2	314	02A-1	04	37	:40	S
JUN 14	165:19:40	1B-152-3	314	02A-1	04	37	: 5	L
JUN 14	165:19:40	1B-152-4	314	02A-1	04	37	2:40	S
JUN 14	165:19:43	1B-152-5	314	02A-1	04	37	:20	L
JUN 14	165:20:53	1B-152-6	315	02A-1	04	37	: 0.3	L
JUN 14	165:20:53	1B-152-7	315	02A-1	04	37	: 2.5	S
JUN 14	165:20:53	1B-152-8	315	02A-1	04	37	: 1.3	L
JUN 14	165:20:53	1B-153-1	315	02A-1	04	37	:10	S
JUN 14	165:20:53	1B-153-2	315	02A-1	04	37	: 5	L
JUN 14	165:20:53	1B-153-3	315	02A-1	04	37	:40	S
JUN 14	165:20:54	1B-153-4	315	02A-1	04	37	:20	L
JUN 14	165:20:54	1B-153-5	315	02A-1	04	37	2:40	S
JUN 14	165:21:00	1B-153-6	315	02A-1	04	37	: 2.5	S
JUN 14	165:21:00	1B-153-7	315	02A-1	04	37	: 0.3	L
JUN 14	165:21:00	1B-153-8	315	02A-1	04	37	:10	S
JUN 14	165:21:01	1B-154-1	315	02A-1	04	37	: 1.3	L
JUN 14	165:21:01	1B-154-2	315	02A-1	04	37	:40	S
JUN 14	165:21:01	1B-154-3	315	02A-1	04	37	: 5	L
JUN 14	165:21:01	1B-154-4	315	02A-1	04	37	2:40	S
JUN 14	165:21:04	1B-154-5	315	02A-1	04	37	:20	L
JUN 14	165:21:21	1B-154-6	315	04 -8	11	F79	: 0.3	L
JUN 14	165:21:21	1B-154-7	315	04 -8	11	F79	: 2.5	S
JUN 14	165:21:21	1B-154-8	315	04 -8	11	F79	: 1.3	L
JUN 14	165:21:21	1B-155-1	315	04 -8	11	F79	:10	S
JUN 14	165:21:21	1B-155-2	315	04 -8	11	F79	: 5	L
JUN 14	165:21:21	1B-155-3	315	04 -8	11	F79	:40	S
JUN 14	165:21:22	1B-155-4	315	04 -8	11	F79	:20	L
JUN 14	165:21:22	1B-155-5	315	04 -8	11	F79	2:40	S
JUN 14	165:22:16	1B-155-6	316	04 -7	06	F79	: 2.5	S
JUN 14	165:22:16	1B-155-7	316	04 -7	06	F79	: 0.3	L
JUN 14	165:22:16	1B-155-8	316	04 -7	06	F79	:10	S
JUN 14	165:22:16	1B-156-1	316	04 -7	06	F79	: 1.3	L
JUN 14	165:22:16	1B-156-2	316	04 -7	06	F79	:40	S
JUN 14	165:22:17	1B-156-3	316	04 -7	06	F79	: 5	L
JUN 14	165:22:17	1B-156-4	316	04 -7	06	F79	2:40	S
JUN 14	165:22:20	1B-156-5	316	04 -7	06	F79	:20	L
JUN 15	166:12:18	1B-156-6	325	04 -6	03	F79	: 0.3	L
JUN 15	166:12:18	1B-156-7	325	04 -6	03	F79	: 2.5	S
JUN 15	166:12:18	1B-156-8	325	04 -6	03	F79	: 1.3	L

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JUN 15	166:12:18	1B-157-1	325	04 -6	03	F79	:10	S
JUN 15	166:12:18	1B-157-2	325	04 -6	03	F79	: 5	L
JUN 15	166:12:18	1B-157-3	325	04 -6	03	F79	:40	S
JUN 15	166:12:19	1B-157-4	325	04 -6	03	F79	:20	L
JUN 15	166:12:20	1B-157-5	325	04 -6	03	F79	2:40	S
JUN 15	166:12:42	1B-157-6	325	04 -7	06	F79	: 2.5	S
JUN 15	166:12:42	1B-157-7	325	04 -7	06	F79	: 0.3	L
JUN 15	166:12:42	1B-157-8	325	04 -7	06	F79	:10	S
JUN 15	166:12:42	1B-158-1	325	04 -7	06	F79	: 1.3	L
JUN 15	166:12:42	1B-158-2	325	04 -7	06	F79	:40	S
JUN 15	166:12:43	1B-158-3	325	04 -7	06	F79	: 5	L
JUN 15	166:12:43	1B-158-4	325	04 -7	06	F79	2:40	S
JUN 15	166:12:46	1B-158-5	325	04 -7	06	F79	:20	L
JUN 15	166:13:05	1B-158-6	325	07 -2	15	41	: 5	S
JUN 15	166:13:05	1B-158-7	325	07 -2	15	41	: 5	S
JUN 15	166:13:05	1B-158-8	325	07 -2	15	41	: 5	S
JUN 15	166:13:06	1B-159-1	325	07 -2	15	41	: 5	S
JUN 15	166:13:06	1B-159-2	325	07 -2	15	41	: 5	S
JUN 15	166:13:06	1B-159-3	325	07 -2	15	41	: 5	S
JUN 15	166:13:06	1B-159-4	325	07 -2	15	41	: 5	S
JUN 15	166:13:06	1B-159-5	325	07 -2	15	41	: 5	S
JUN 15	166:13:06	1B-159-6	325	07 -2	15	41	: 5	S
JUN 15	166:13:07	1B-159-7	325	07 -2	15	41	: 5	S
JUN 15	166:13:07	1B-159-8	325	07 -2	15	41	: 5	S
JUN 15	166:13:07	1B-160-1	325	07 -2	15	41	: 5	S
JUN 15	166:13:07	1B-160-2	325	07 -2	15	41	: 5	S
JUN 15	166:13:07	1B-160-3	325	07 -2	15	41	: 5	S
JUN 15	166:13:07	1B-160-4	325	07 -2	15	41	: 5	S
JUN 15	166:13:08	1B-160-5	325	07 -2	15	41	: 5	S
JUN 15	166:13:08	1B-160-6	325	07 -2	15	41	: 5	S
JUN 15	166:13:08	1B-160-7	325	07 -2	15	41	: 5	S
JUN 15	166:13:08	1B-160-8	325	07 -2	15	41	: 5	S
JUN 15	166:13:08	1B-161-1	325	07 -2	15	41	: 5	S
JUN 15	166:13:08	1B-161-2	325	07 -2	15	41	: 5	S
JUN 15	166:13:09	1B-161-3	325	07 -2	15	41	: 5	S
JUN 15	166:13:09	1B-161-4	325	07 -2	15	41	: 5	S
JUN 15	166:13:09	1B-161-5	325	07 -2	15	41	: 5	S
JUN 15	166:13:09	1B-161-6	325	07 -2	15	41	: 5	S
JUN 15	166:13:09	1B-161-7	325	07 -2	15	41	: 5	S
JUN 15	166:13:09	1B-161-8	325	07 -2	15	41	: 5	S
JUN 15	166:13:10	1B-162-1	325	07 -2	15	41	: 5	S
JUN 15	166:13:10	1B-162-2	325	07 -2	15	41	: 5	S
JUN 15	166:13:52	1B-162-3	326	04 -2	03	P34	: 2.5	S
JUN 15	166:13:52	1B-162-4	326	04 -2	03	P34	: 0.3	L
JUN 15	166:13:52	1B-162-5	326	04 -2	03	P34	:10	S
JUN 15	166:13:52	1B-162-6	326	04 -2	03	P34	: 1.3	L
JUN 15	166:13:52	1B-162-7	326	04 -2	03	P34	:40	S
JUN 15	166:13:53	1B-162-8	326	04 -2	03	P34	: 5	L

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JUN 15	166:13:53	1B-163-1	326	04 -2	03	P34	2:40	S
JUN 15	166:13:56	1B-163-2	326	04 -2	03	P34	:20	L
JUN 15	166:14:08	1B-163-3	326	04 -3	06	P34	: 0.3	L
JUN 15	166:14:08	1B-163-4	326	04 -3	06	P34	: 2.5	S
JUN 15	166:14:08	1B-163-5	326	04 -3	06	P34	: 1.3	L
JUN 15	166:14:08	1B-163-6	326	04 -3	06	P34	:10	S
JUN 15	166:14:08	1B-163-7	326	04 -3	06	P34	: 5	L
JUN 15	166:14:08	1B-163-8	326	04 -3	06	P34	:40	S
JUN 15	166:14:09	1B-164-1	326	04 -3	06	P34	:20	L
JUN 15	166:14:10	1B-164-2	326	04 -3	06	P34	:43	S
JUN 15	166:14:11	1B-164-3	326	03A	08	31	: 0.3	S
JUN 15	166:14:11	1B-164-4	326	03A	08	31	: 1.3	S
JUN 15	166:14:11	1B-164-5	326	03A	08	31	: 5	S
JUN 15	166:14:11	1B-164-6	326	03A	08	31	:20	S
JUN 15	166:14:12	1B-164-7	326	03A	08	31	: 0.3	S
JUN 15	166:14:12	1B-164-8	326	03A	08	31	: 1.3	S
JUN 15	166:14:12	1B-165-1	326	03A	08	31	: 5	S
JUN 15	166:14:12	1B-165-2	326	03A	08	31	:20	S
JUN 15	166:14:12	1B-165-3	326	03A	08	31	: 0.2	L
JUN 15	166:14:12	1B-165-4	326	03A	08	31	: 0.6	L
JUN 15	166:14:12	1B-165-5	326	03A	08	31	: 2.5	L
JUN 15	166:14:12	1B-165-6	326	03A	08	31	:10	L
JUN 15	166:14:12	1B-165-7	326	03A	08	31	: 0.3	S
JUN 15	166:14:12	1B-165-8	326	03A	08	31	: 1.3	S
JUN 15	166:14:12	1B-166-1	326	03A	08	31	: 5	S
JUN 15	166:14:12	1B-166-2	326	03A	08	31	:20	S
JUN 15	166:14:13	1B-166-3	326	03A	08	31	: 0.3	S
JUN 15	166:14:13	1B-166-4	326	03A	08	31	: 1.3	S
JUN 15	166:14:13	1B-166-5	326	03A	08	31	: 5	S
JUN 15	166:14:13	1B-166-6	326	03A	08	31	:20	S
JUN 15	166:14:13	1B-166-7	326	03A	08	31	: 0.2	L
JUN 15	166:14:13	1B-166-8	326	03A	08	31	: 0.6	L
JUN 15	166:14:13	1B-167-1	326	03A	08	31	: 2.5	L
JUN 15	166:14:13	1B-167-2	326	03A	08	31	:10	L
JUN 15	166:14:14	1B-167-3	326	03A	08	31	: 1.3	S
JUN 15	166:14:14	1B-167-4	326	03A	08	31	: 5	S
JUN 15	166:14:14	1B-167-5	326	03A	08	31	:20	S
JUN 15	166:14:14	1B-167-6	326	03A	08	31	1:20	S
JUN 15	166:14:15	1B-167-7	326	03A	08	31	: 0.2	L
JUN 15	166:14:15	1B-167-8	326	03A	08	31	: 0.6	L
JUN 15	166:14:15	1B-168-1	326	03A	08	31	: 2.5	L
JUN 15	166:14:15	1B-168-2	326	03A	08	31	:10	L
JUN 15	166:14:18	1B-168-3	326	03A	08	31	: 1.3	S
JUN 15	166:14:18	1B-168-4	326	03A	08	31	: 5	S
JUN 15	166:14:18	1B-168-5	326	03A	08	31	:20	S
JUN 15	166:14:18	1B-168-6	326	03A	08	31	1:20	S
JUN 15	166:14:19	1B-168-7	326	03A	08	31	: 0.2	L
JUN 15	166:14:19	1B-168-8	326	03A	08	31	: 0.6	L

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JUN 15	166:14:19	1B-169-1	326	03A	08	31	: 2.5	L
JUN 15	166:14:20	1B-169-2	326	03A	08	31	:10	L
JUN 15	166:14:22	1B-169-3	326	03A	08	31	: 1.3	S
JUN 15	166:14:22	1B-169-4	326	03A	08	31	: 5	S
JUN 15	166:14:22	1B-169-5	326	03A	08	31	:20	S
JUN 15	166:14:22	1B-169-6	326	03A	08	31	1:20	S
JUN 15	166:14:24	1B-169-7	326	03A	08	31	: 0.2	L
JUN 15	166:14:24	1B-169-8	326	03A	08	31	: 0.6	L
JUN 15	166:14:24	1B-170-1	326	03A	08	31	: 2.5	L
JUN 15	166:14:24	1B-170-2	326	03A	08	31	:10	L
JUN 15	166:14:25	1B-170-3	326	03A	08	31	: 0.3	S
JUN 15	166:14:25	1B-170-4	326	03A	08	31	: 1.3	S
JUN 15	166:14:25	1B-170-5	326	03A	08	31	: 5	S
JUN 15	166:14:25	1B-170-6	326	03A	08	31	:20	S
JUN 15	166:14:26	1B-170-7	326	03A	08	31	: 0.3	S
JUN 15	166:14:26	1B-170-8	326	03A	08	31	: 1.3	S
JUN 15	166:14:26	1B-171-1	326	03A	08	31	: 5	S
JUN 15	166:14:26	1B-171-2	326	03A	08	31	:20	S
JUN 15	166:14:26	1B-171-3	326	03A	08	31	: 0.2	L
JUN 15	166:14:26	1B-171-4	326	03A	08	31	: 0.6	L
JUN 15	166:14:26	1B-171-5	326	03A	08	31	: 2.5	L
JUN 15	166:14:26	1B-171-6	326	03A	08	31	:10	L
JUN 15	166:14:27	1B-171-7	326	03A	08	31	: 0.3	S
JUN 15	166:14:27	1B-171-8	326	03A	08	31	: 1.3	S
JUN 15	166:14:27	1B-172-1	326	03A	08	31	: 5	S
JUN 15	166:14:27	1B-172-2	326	03A	08	31	:20	S
JUN 15	166:14:27	1B-172-3	326	03A	08	31	: 0.3	S
JUN 15	166:14:27	1B-172-4	326	03A	08	31	: 1.3	S
JUN 15	166:14:27	1B-172-5	326	03A	08	31	: 5	S
JUN 15	166:14:27	1B-172-6	326	03A	08	31	:20	S
JUN 15	166:14:27	1B-172-7	326	03A	08	31	: 0.2	L
JUN 15	166:14:28	1B-172-8	326	03A	08	31	: 0.6	L
JUN 15	166:14:28	1B-173-1	326	03A	08	31	: 2.5	L
JUN 15	166:14:28	1B-173-2	326	03A	08	31	:10	L
JUN 15	166:14:28	1B-173-3	326	03A	08	31	: 1.3	S
JUN 15	166:14:28	1B-173-4	326	03A	08	31	: 5	S
JUN 15	166:14:28	1B-173-5	326	03A	08	31	:20	S
JUN 15	166:14:28	1B-173-6	326	03A	08	31	1:20	S
JUN 15	166:14:30	1B-173-7	326	03A	08	31	: 0.2	L
JUN 15	166:14:30	1B-173-8	326	03A	08	31	: 0.6	L
JUN 15	166:14:30	1B-174-1	326	03A	08	31	: 2.5	L
JUN 15	166:14:30	1B-174-2	326	03A	08	31	:10	L
JUN 15	166:14:32	1B-174-3	326	03A	08	31	: 1.3	S
JUN 15	166:14:32	1B-174-4	326	03A	08	31	: 5	S
JUN 15	166:14:32	1B-174-5	326	03A	08	31	:20	S
JUN 15	166:14:32	1B-174-6	326	03A	08	31	1:20	S
JUN 15	166:14:34	1B-174-7	326	03A	08	31	: 0.2	L
JUN 15	166:14:34	1B-174-8	326	03A	08	31	: 0.6	L

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JUN 15	166:14:34	1B-175-1	326	03A	08	31	: 2.5	L
JUN 15	166:14:34	1B-175-2	326	03A	08	31	:10	L
JUN 15	166:14:36	1B-175-3	326	03A	08	31	: 1.3	S
JUN 15	166:14:36	1B-175-4	326	03A	08	31	: 5	S
JUN 15	166:14:36	1B-175-5	326	03A	08	31	:20	S
JUN 15	166:14:36	1B-175-6	326	03A	08	31	1:20	S
JUN 15	166:14:38	1B-175-7	326	03A	08	31	: 0.2	L
JUN 15	166:14:38	1B-175-8	326	03A	08	31	: 0.6	L
JUN 15	166:14:38	1B-176-1	326	03A	08	31	: 2.5	L
JUN 15	166:14:38	1B-176-2	326	03A	08	31	:10	L
JUN 15	166:15:21	1B-176-3	327	03A	08	31	: 0.3	L
JUN 15	166:15:21	1B-176-4	327	03A	08	31	: 2.5	S
JUN 15	166:15:22	1B-176-5	327	03A	08	31	: 1.3	L
JUN 15	166:15:22	1B-176-6	327	03A	08	31	:10	S
JUN 15	166:15:22	1B-176-7	327	03A	08	31	: 5	L
JUN 15	166:15:22	1B-176-8	327	03A	08	31	:40	S
JUN 15	166:15:23	1B-177-1	327	03A	08	31	:20	L
JUN 15	166:15:23	1B-177-2	327	03A	08	31	2:40	S
JUN 15	166:15:32	1B-177-3	327	03A	08	31	: 2.5	S
JUN 15	166:15:32	1B-177-4	327	03A	08	31	: 0.3	L
JUN 15	166:15:32	1B-177-5	327	03A	08	31	:10	S
JUN 15	166:15:32	1B-177-6	327	03A	08	31	: 1.3	L
JUN 15	166:15:32	1B-177-7	327	03A	08	31	:40	S
JUN 15	166:15:33	1B-177-8	327	03A	08	31	: 5	L
JUN 15	166:15:33	1B-178-1	327	03A	08	31	2:40	S
JUN 15	166:15:36	1B-178-2	327	03A	08	31	:20	L
JUN 15	166:15:42	1B-178-3	327	03A	08	31	: 0.3	L
JUN 15	166:15:42	1B-178-4	327	03A	08	31	: 2.5	S
JUN 15	166:15:42	1B-178-5	327	03A	08	31	: 1.3	L
JUN 15	166:15:42	1B-178-6	327	03A	08	31	:10	S
JUN 15	166:15:43	1B-178-7	327	03A	08	31	: 5	L
JUN 15	166:15:43	1B-178-8	327	03A	08	31	:40	S
JUN 15	166:15:44	1B-179-1	327	03A	08	31	:20	L
JUN 15	166:15:44	1B-179-2	327	03A	08	31	2:40	S
JUN 15	166:15:53	1B-179-3	327	03A	08	31	: 2.5	S
JUN 15	166:15:53	1B-179-4	327	03A	08	31	: 0.3	L
JUN 15	166:15:53	1B-179-5	327	03A	08	31	:10	S
JUN 15	166:15:53	1B-179-6	327	03A	08	31	: 1.3	L
JUN 15	166:15:53	1B-179-7	327	03A	08	31	:40	S
JUN 15	166:15:54	1B-179-8	327	03A	08	31	: 5	L
JUN 15	166:15:54	1B-180-1	327	03A	08	31	2:40	S
JUN 15	166:15:57	1B-180-2	327	03A	08	31	:20	L
JUN 15	166:16:05	1B-180-3	327	03A	08	31	: 0.3	L
JUN 15	166:16:05	1B-180-4	327	03A	08	31	: 2.5	S
JUN 15	166:16:05	1B-180-5	327	03A	08	31	: 1.3	L
JUN 15	166:16:05	1B-180-6	327	03A	08	31	:10	S
JUN 15	166:16:06	1B-180-7	327	03A	08	31	: 5	L
JUN 15	166:16:06	1B-180-8	327	03A	08	31	:40	S

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JUN 15	166:16:06	1B-181-1	327	03A	08	31	:20	L
JUN 15	166:16:07	1B-181-2	327	03A	08	31	2:40	S
JUN 15	166:17:02	1B-181-3	328	02A-1	04	37	: 2.5	S
JUN 15	166:17:02	1B-181-4	328	02A-1	04	37	: 0.3	L
JUN 15	166:17:02	1B-181-5	328	02A-1	04	37	:10	S
JUN 15	166:17:02	1B-181-6	328	02A-1	04	37	: 1.3	L
JUN 15	166:17:03	1B-181-7	328	02A-1	04	37	:40	S
JUN 15	166:17:03	1B-181-8	328	02A-1	04	37	: 5	L
JUN 15	166:17:03	1B-182-1	328	02A-1	04	37	2:40	S
JUN 15	166:17:06	1B-182-2	328	02A-1	04	37	:20	L
JUN 15	166:17:09	1B-182-3	328	02A-1	04	37	: 0.3	L
JUN 15	166:17:09	1B-182-4	328	02A-1	04	37	: 2.5	S
JUN 15	166:17:09	1B-182-5	328	02A-1	04	37	: 1.3	L
JUN 15	166:17:09	1B-182-6	328	02A-1	04	37	:10	S
JUN 15	166:17:09	1B-182-7	328	02A-1	04	37	: 5	L
JUN 15	166:17:09	1B-182-8	328	02A-1	04	37	:40	S
JUN 15	166:17:10	1B-183-1	328	02A-1	04	37	:20	L
JUN 15	166:17:11	1B-183-2	328	02A-1	04	37	2:40	S
JUN 15	166:17:22	1B-183-3	328	02A-1	04	37	: 2.5	S
JUN 15	166:17:22	1B-183-4	328	02A-1	04	37	: 0.3	L
JUN 15	166:17:22	1B-183-5	328	02A-1	04	37	:10	S
JUN 15	166:17:23	1B-183-6	328	02A-1	04	37	: 1.3	L
JUN 15	166:17:23	1B-183-7	328	02A-1	04	37	:40	S
JUN 15	166:17:23	1B-183-8	328	02A-1	04	37	: 5	L
JUN 15	166:17:23	1B-184-1	328	02A-1	04	37	2:40	S
JUN 15	166:17:26	1B-184-2	328	02A-1	04	37	:20	L
JUN 15	166:18:28	1B-184-3	329	02A-7	10	37	: 0.3	L
JUN 15	166:18:28	1B-184-4	329	02A-7	10	37	: 2.5	S
JUN 15	166:18:28	1B-184-5	329	02A-7	10	37	: 1.3	L
JUN 15	166:18:28	1B-184-6	329	02A-7	10	37	:10	S
JUN 15	166:18:29	1B-184-7	329	02A-7	10	37	: 5	L
JUN 15	166:18:29	1B-184-8	329	02A-7	10	37	:40	S
JUN 15	166:18:29	1B-185-1	329	02A-7	10	37	:20	L
JUN 15	166:18:30	1B-185-2	329	02A-7	10	37	2:40	S
JUN 15	166:18:45	1B-185-3	329	02A-6	07	37	: 2.5	S
JUN 15	166:18:45	1B-185-4	329	02A-6	07	37	: 0.3	L
JUN 15	166:18:45	1B-185-5	329	02A-6	07	37	:10	S
JUN 15	166:18:45	1B-185-6	329	02A-6	07	37	: 1.3	L
JUN 15	166:18:45	1B-185-7	329	02A-6	07	37	:40	S
JUN 15	166:18:46	1B-185-8	329	02A-6	07	37	: 5	L
JUN 15	166:18:46	1B-186-1	329	02A-6	07	37	2:40	S
JUN 15	166:18:49	1B-186-2	329	02A-6	07	37	:20	L
JUN 15	166:20:15	1B-186-3	330	02A-7	10	41	: 0.3	L
JUN 15	166:20:15	1B-186-4	330	02A-7	10	41	: 2.5	S
JUN 15	166:20:15	1B-186-5	330	02A-7	10	41	: 1.3	L
JUN 15	166:20:15	1B-186-6	330	02A-7	10	41	:10	S
JUN 15	166:20:16	1B-186-7	330	02A-7	10	41	: 5	L
JUN 15	166:20:16	1B-186-8	330	02A-7	10	41	:40	S

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BR	TGT	EXP	WVL
JUN 15	166:20:16	1B-187-1	330	02A-7	10	41	:20	L
JUN 15	166:20:17	1B-187-2	330	02A-7	10	41	2:40	S
JUN 15	166:20:27	1B-187-3	330	02A-7	10	41	: 2.5	S
JUN 15	166:20:27	1B-187-4	330	02A-7	10	41	: 0.3	L
JUN 15	166:20:27	1B-187-5	330	02A-7	10	41	:10	S
JUN 15	166:20:27	1B-187-6	330	02A-7	10	41	: 1.3	L
JUN 15	166:20:27	1B-187-7	330	02A-7	10	41	:40	S
JUN 15	166:20:28	1B-187-8	330	02A-7	10	41	: 5	L
JUN 15	166:20:28	1B-188-1	330	02A-7	10	41	2:40	S
JUN 15	166:20:31	1B-188-2	330	02A-7	10	41	:20	L
JUN 15	166:20:33	1B-188-3	330	02A-7	10	41	: 0.3	L
JUN 15	166:20:33	1B-188-4	330	02A-7	10	41	: 2.5	S
JUN 15	166:20:33	1B-188-5	330	02A-7	10	41	: 1.3	L
JUN 15	166:20:33	1B-188-6	330	02A-7	10	41	:10	S
JUN 15	166:20:33	1B-188-7	330	02A-7	10	41	: 5	L
JUN 15	166:20:33	1B-188-8	330	02A-7	10	41	:40	S
JUN 15	166:20:34	1B-189-1	330	02A-7	10	41	:20	L
JUN 15	166:20:34	1B-189-2	330	02A-7	10	41	2:40	S
JUN 15	166:22:19	1B-189-3	331	03		43	: 2.5	S
JUN 15	166:22:19	1B-189-4	331	03		43	: 0.3	L
JUN 15	166:22:19	1B-189-5	331	03		43	:10	S
JUN 15	166:22:19	1B-189-6	331	03		43	: 1.3	L
JUN 15	166:22:19	1B-189-7	331	03		43	:40	S
JUN 15	166:22:20	1B-189-8	331	03		43	: 5	L
JUN 15	166:22:20	1B-190-1	331	03		43	2:40	S
JUN 15	166:22:23	1B-190-2	331	03		43	:20	L
JUN 16	167:18:13	1B-190-3	344	02A-2	05	37	: 0.3	L
JUN 16	167:18:13	1B-190-4	344	02A-2	05	37	: 2.5	S
JUN 16	167:18:13	1B-190-5	344	02A-2	05	37	: 1.3	L
JUN 16	167:18:13	1B-190-6	344	02A-2	05	37	:10	S
JUN 16	167:18:14	1B-190-7	344	02A-2	05	37	: 5	S
JUN 16	167:18:14	1B-190-8	344	02A-2	05	37	:40	S
JUN 16	167:18:14	1B-191-1	344	02A-2	05	37	:20	L
JUN 16	167:18:15	1B-191-2	344	02A-2	05	37	2:40	S
JUN 16	167:18:18	1B-191-3	344	02A-2	05	37	: 2.5	S
JUN 16	167:18:18	1B-191-4	344	02A-2	05	37	: 0.3	L
JUN 16	167:18:18	1B-191-5	344	02A-2	05	37	:10	S
JUN 16	167:18:18	1B-191-6	344	02A-2	05	37	: 1.3	L
JUN 16	167:18:18	1B-191-7	344	02A-2	05	37	:40	S
JUN 16	167:18:19	1B-191-8	344	02A-2	05	37	: 5	L
JUN 16	167:18:19	1B-192-1	344	02A-2	05	37	2:40	S
JUN 16	167:18:22	1B-192-2	344	02A-2	05	37	:20	L
JUN 16	167:21:29	1B-192-3	346	02A-6	07	37	10:00	L
JUN 16	167:21:40	1B-192-4	346	12D-1		QR1	: 5	L
JUN 16	167:21:41	1B-192-5	346	12D-1		QR1	:40	S
JUN 17	168:11:06	1B-192-6	355	02F-1	07	41	: 2.5	S
JUN 17	168:11:06	1B-192-7	355	02F-1	07	41	: 0.3	L
JUN 17	168:11:06	1B-192-8	355	02F-1	07	41	:10	S

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL
JUN 17	168:11:06	1B-193-1	355	02F-1	07	41	: 1.3	L
JUN 17	168:11:07	1B-193-2	355	02F-1	07	41	:40	S
JUN 17	168:11:07	1B-193-3	355	02F-1	07	41	: 5	L
JUN 17	168:11:07	1B-193-4	355	02F-1	07	41	2:40	S
JUN 17	168:11:10	1B-193-5	355	02F-1	07	41	:20	L
JUN 17	168:12:52	1B-193-6	356	02F-3	10	41	: 0.3	L
JUN 17	168:12:52	1B-193-7	356	02F-3	10	41	: 2.5	S
JUN 17	168:12:52	1B-193-8	356	02F-3	10	41	: 1.3	L
JUN 17	168:12:52	1B-194-1	356	02F-3	10	41	:10	S
JUN 17	168:12:53	1B-194-2	356	02F-3	10	41	: 5	L
JUN 17	168:12:53	1B-194-3	356	02F-3	10	41	:40	S
JUN 17	168:12:53	1B-194-4	356	02F-3	10	41	:20	L
JUN 17	168:12:54	1B-194-5	356	02F-3	10	41	2:40	S
JUN 17	168:13:09	1B-194-6	356	12D-1		QR1	:10	L
JUN 17	168:13:09	1B-194-7	356	12D-1		QR1	: 5	L
JUN 17	168:13:11	1B-194-8	356	12D-1		QR1	:39	S
JUN 17	168:16:00	1B-195-1	358	02A-2	05	37	: 2.5	S
JUN 17	168:16:00	1B-195-2	358	02A-2	05	37	: 0.3	L
JUN 17	168:16:00	1B-195-3	358	02A-2	05	37	:10	S
JUN 17	168:16:00	1B-195-4	358	02A-2	05	37	: 1.3	L
JUN 17	168:16:00	1B-195-5	358	02A-2	05	37	:40	S
JUN 17	168:16:01	1B-195-6	358	02A-2	05	37	: 5	L
JUN 17	168:16:01	1B-195-7	358	02A-2	05	37	2:40	S
JUN 17	168:16:04	1B-195-8	358	02A-2	05	37	:20	L
JUN 17	168:17:12	1B-196-1	359	02A-1	04	41	: 0.3	L
JUN 17	168:17:12	1B-196-2	359	02A-1	04	41	: 2.5	S
JUN 17	168:17:12	1B-196-3	359	02A-1	04	41	: 1.3	L
JUN 17	168:17:12	1B-196-4	359	02A-1	04	41	:10	S
JUN 17	168:17:12	1B-196-5	359	02A-1	04	41	: 5	L
JUN 17	168:17:12	1B-196-6	359	02A-1	04	41	:40	S
JUN 17	168:17:13	1B-196-7	359	02A-1	04	41	:20	L
JUN 17	168:17:13	1B-196-8	359	02A-1	04	41	2:40	S
JUN 17	168:17:17	1B-197-1	359	02A-1	04	41	: 2.5	S
JUN 17	168:17:17	1B-197-2	359	02A-1	04	41	: 0.3	L
JUN 17	168:17:17	1B-197-3	359	02A-1	04	41	:10	S
JUN 17	168:17:17	1B-197-4	359	02A-1	04	41	: 1.3	L
JUN 17	168:17:18	1B-197-5	359	02A-1	04	41	:40	S
JUN 17	168:17:18	1B-197-6	359	02A-1	04	41	: 5	L
JUN 17	168:17:18	1B-197-7	359	02A-1	04	41	2:40	S
JUN 17	168:17:21	1B-197-8	359	02A-1	04	41	:20	L
JUN 18	169:11:42	1B-198-1	371	04 -7	06	F82	: 0.3	L
JUN 18	169:11:42	1B-198-2	371	04 -7	06	F82	: 2.5	S
JUN 18	169:11:42	1B-198-3	371	04 -7	06	F82	: 1.3	L
JUN 18	169:11:42	1B-198-4	371	04 -7	06	F82	:10	S
JUN 18	169:11:42	1B-198-5	371	04 -7	06	F82	: 5	L
JUN 18	169:11:42	1B-198-6	371	04 -7	06	F82	:40	S
JUN 18	169:11:43	1B-198-7	371	04 -7	06	F82	:20	L
JUN 18	169:11:43	1B-198-8	371	04 -7	06	F82	2:40	S

DATE	TIME	FILM-STRIP	D/N	JOP-ST	BB	TGT	EXP	WVL
JUN 18	169:12:04	1B-199-1	371	04 -7	06	F84	: 2.5	S
JUN 18	169:12:04	1B-199-2	371	04 -7	06	F84	: 0.3	L
JUN 18	169:12:04	1B-199-3	371	04 -7	06	F84	:10	S
JUN 18	169:12:04	1B-199-4	371	04 -7	06	F84	: 1.3	L
JUN 18	169:12:05	1B-199-5	371	04 -7	06	F84	:40	S
JUN 18	169:12:05	1B-199-6	371	04 -7	06	F84	: 5	L
JUN 18	169:12:05	1B-199-7	371	04 -7	06	F84	2:40	S
JUN 18	169:12:08	1B-199-8	371	04 -7	06	F84	:20	L
JUN 18	169:12:21	1B-200-1	371	04 -8	11	F84	: 0.3	L
JUN 18	169:12:21	1B-200-2	371	04 -8	11	F84	: 2.5	S
JUN 18	169:12:21	1B-200-3	371	04 -8	11	F84	: 1.3	L
JUN 18	169:12:21	1B-200-4	371	04 -8	11	F84	:10	S
JUN 18	169:12:21	1B-200-5	371	04 -8	11	F84	: 5	L
JUN 18	169:12:21	1B-200-6	371	04 -8	11	F84	:40	S
JUN 18	169:12:22	1B-200-7	371	04 -8	11	F84	:20	L
JUN 18	169:12:22	1B-200-8	371	04 -8	11	F84	2:40	S
JUN 18	169:15:13	1B-201-1	373	02A-2	05	37	: 2.5	S
JUN 18	169:15:13	1B-201-2	373	02A-2	05	37	: 0.3	L
JUN 18	169:15:13	1B-201-3	373	02A-2	05	37	:10	S
JUN 18	169:15:13	1B-201-4	373	02A-2	05	37	: 1.3	L
JUN 18	169:15:13	1B-201-5	373	02A-2	05	37	:40	S
JUN 18	169:15:14	1B-201-6	373	02A-2	05	37	: 5	L
JUN 18	169:15:14	1B-201-7	373	02A-2	05	37	2:40	S
JUN 18	169:15:16	1B-201-8	373	02A-2	05	37	:20	L