

SUNDAY

083-084

MARCH 24, 2013 - MARCH 25, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

Page 1 of 77

MONDAY 084-085

MARCH 25, 2013 - MARCH 26, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

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TUESDAY 085-086

MARCH 26, 2013 - MARCH 27, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

The timeline diagram illustrates the sequence of events for the Mars 2020 mission on March 26-27, 2021. The timeline is divided into UTC and PDT time blocks. Key events include the start of Sequence S78 at 1429, various instrument configurations (RPWS, ISS IEB, VIMS), and communication coverage from Goldstone, Canberra, and Madrid. The diagram also shows the transition to the XD_184_185 segment.

Events and Timeline:

- Sequence S78 Start:** 1429 (PDT)
- Instrument Configurations:**
 - RPWS OBS SURVEY 80KHZ WBR TO ADD 423 BPS AVERAGE
 - ISS IEB LOAD001 FROM SSR
 - ISS IEB LOAD001 FROM SSR TO SECOND CAMERA
 - RPWS LOAD IEB FROM SSR LIBRARY REGION SECONDS
 - VIMS IEB LOAD001 FROM SSR
 - RPWS INTERPLANETARY CRUISE - 205 BPS TARGET
 - RPWS OUTER MAGNETOSPHERE SURVEY - 900 BPS TARGET 887 BPS LRS BASE
 - RPWS LOAD IEB HERE - 1 BPS TARGET 887 BPS LRS BASE
- Communication Coverage:**
 - DSN COVERAGE GOLDSTONE:** 14, 14, 26, 24, 25, 15 → 1430 → 26, 24, 25, 15, 14
 - CANBERRA:** 45, 34, 43
 - MADRID:** 65, 63, 55, 54
- Segment Transition:** XD_184_185 SEGMENT

Legend:

- PDT: Pacific Daylight Time
- SPC: Spacecraft Condition
- TXR PWR: TXR Power
- ANT: Antenna
- TWNC: TWNC
- RNG: RNG
- DOR: DOR
- OWLTT: Owl Time
- MOD IND: MOD IND
- SUBC: SUBC
- CDU B/R: CDU B/R
- CODED: CODED
- RNG MOD: RNG MOD
- TLM B/R: TLM B/R
- EARTH OCCULT: EARTH OCCULT
- SOLAR OCCULT: SOLAR OCCULT

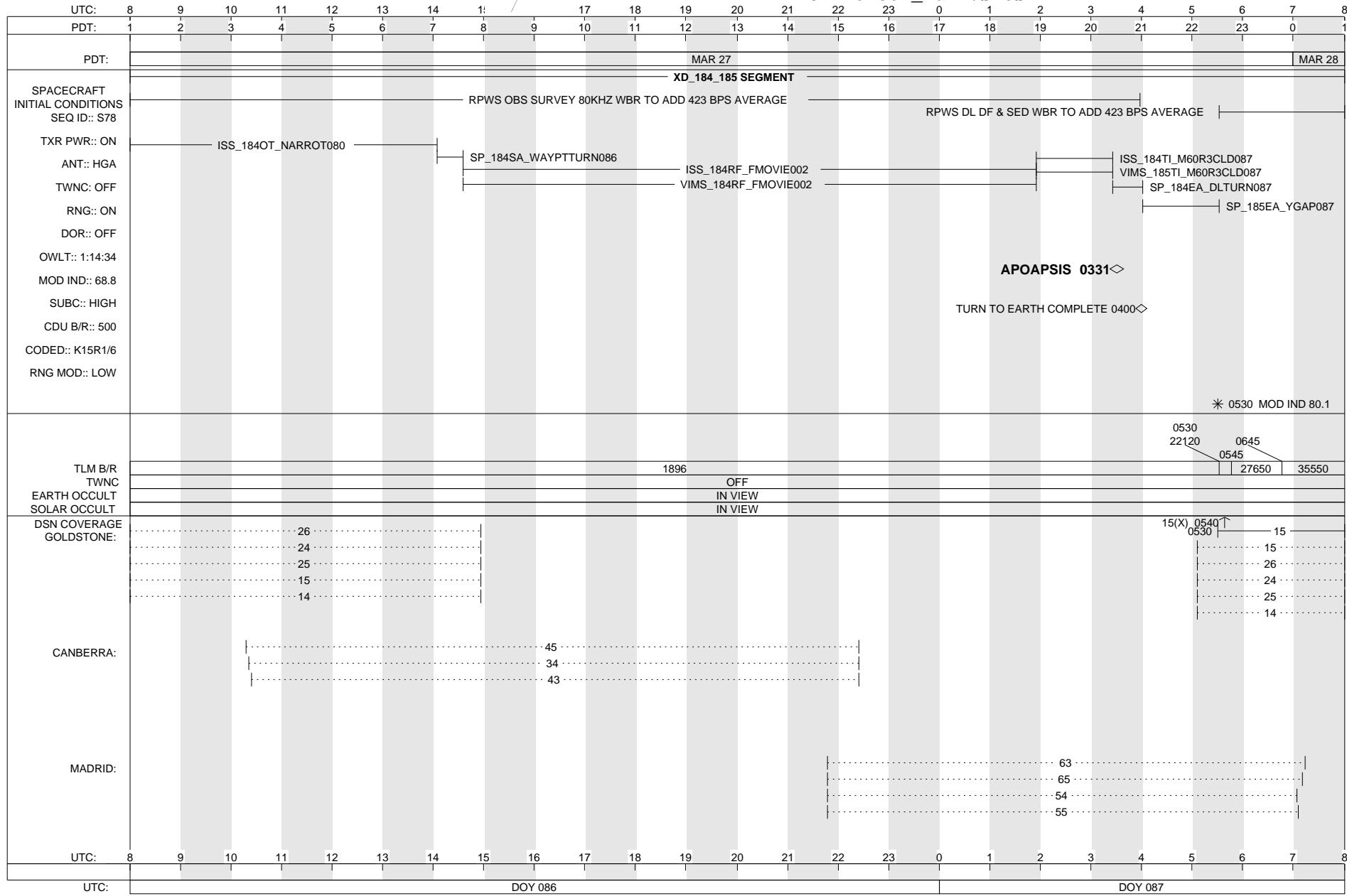
ISSUE DATE: 05/22/13

WEDNESDAY 086-087

MARCH 27, 2013 - MARCH 28, 2013



CASSINI SFOS

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SFOS z0780i_full.sfos

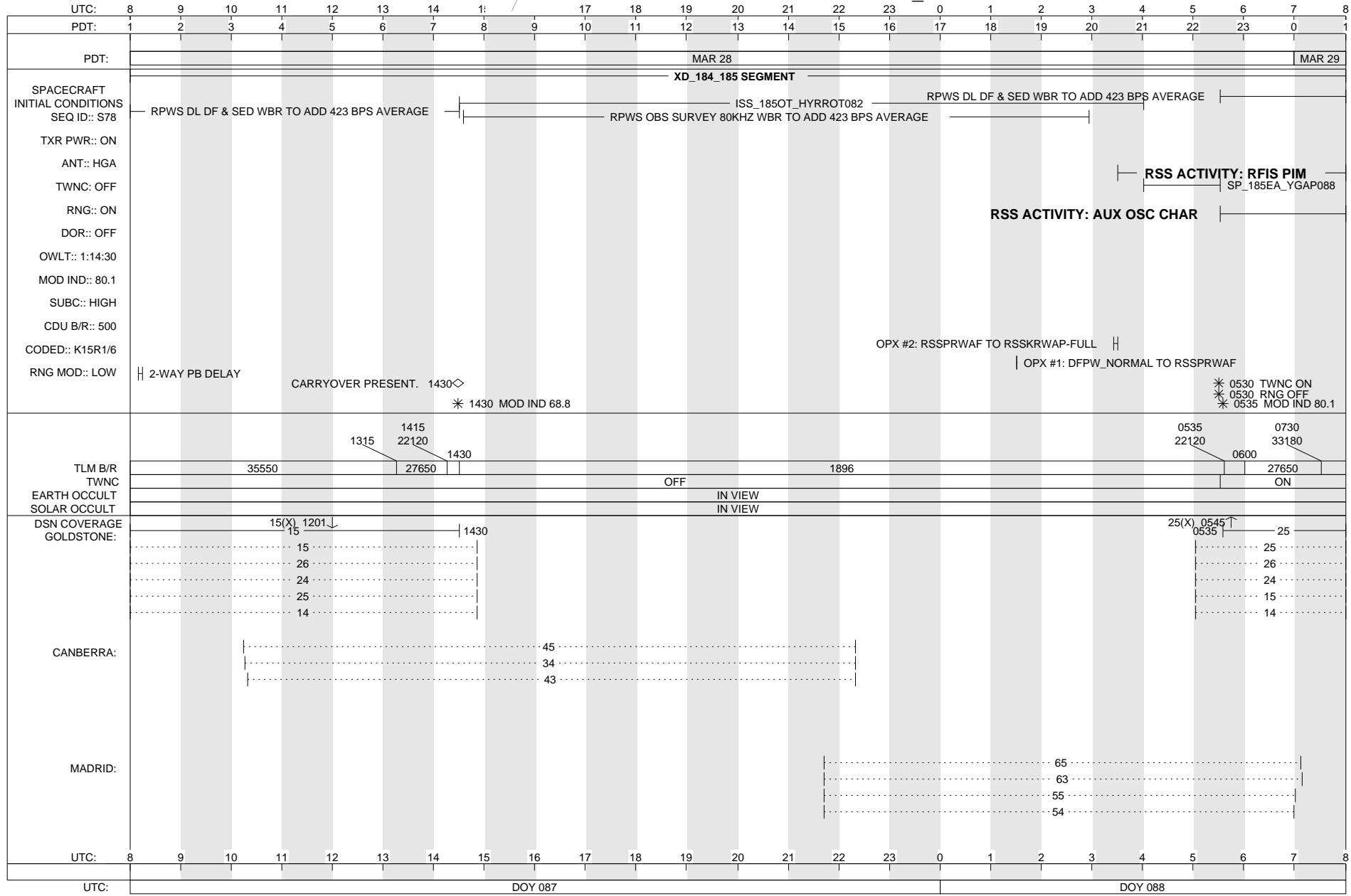
ISSUE DATE: 05/22/13

THURSDAY 087-088

MARCH 28, 2013 - MARCH 29, 2013



CASSINI SFOS

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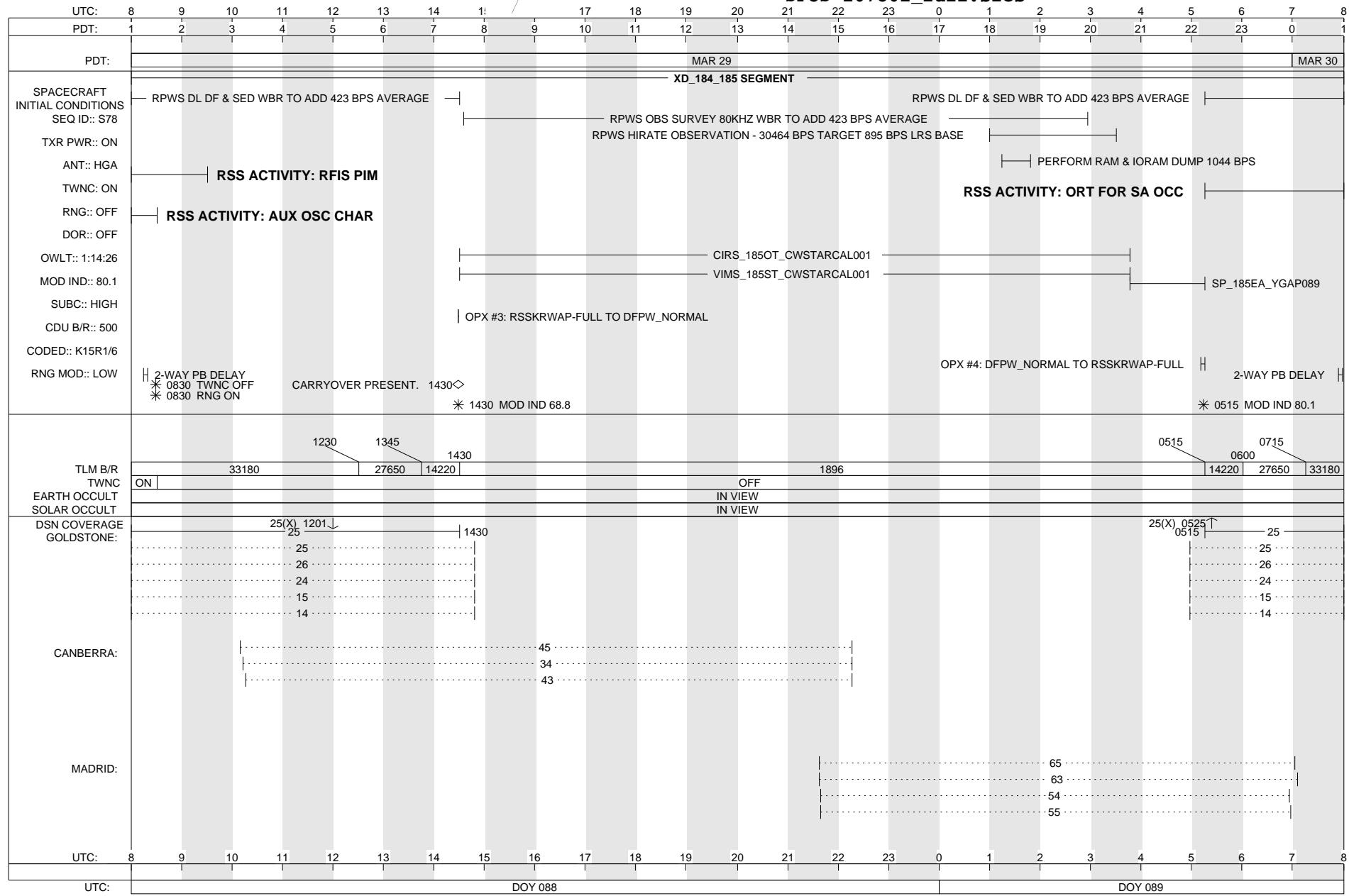
FRIDAY

088-089

MARCH 29, 2013 - MARCH 30, 2013



CASSINI SFOS

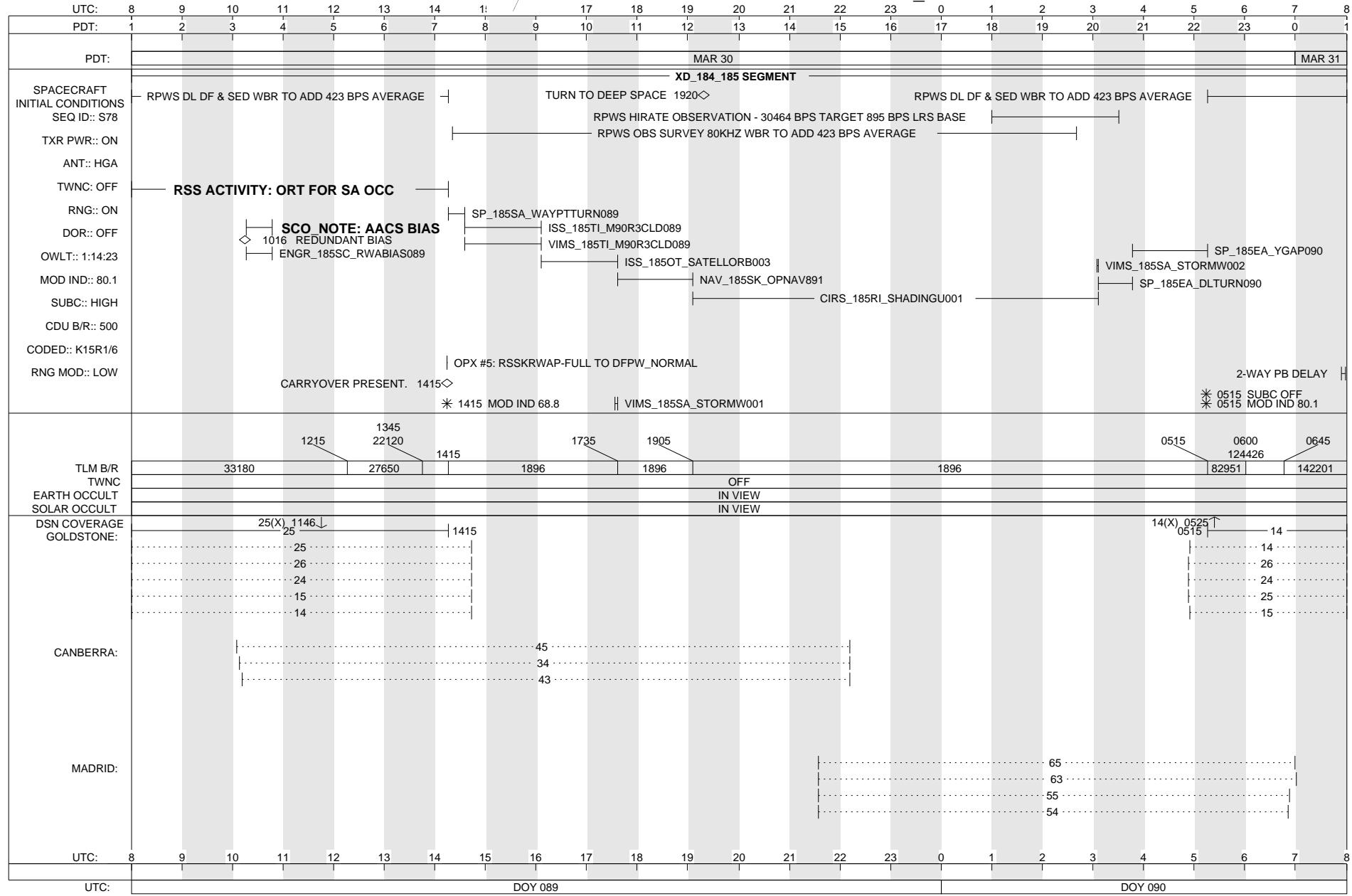
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SFOS z0780i_full.sfos

SATURDAY 089-090

MARCH 30, 2013 - MARCH 31, 2013



CASSINI SFOS

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SFOS z0780i_full.sfos

ISSUE DATE: 05/22/13

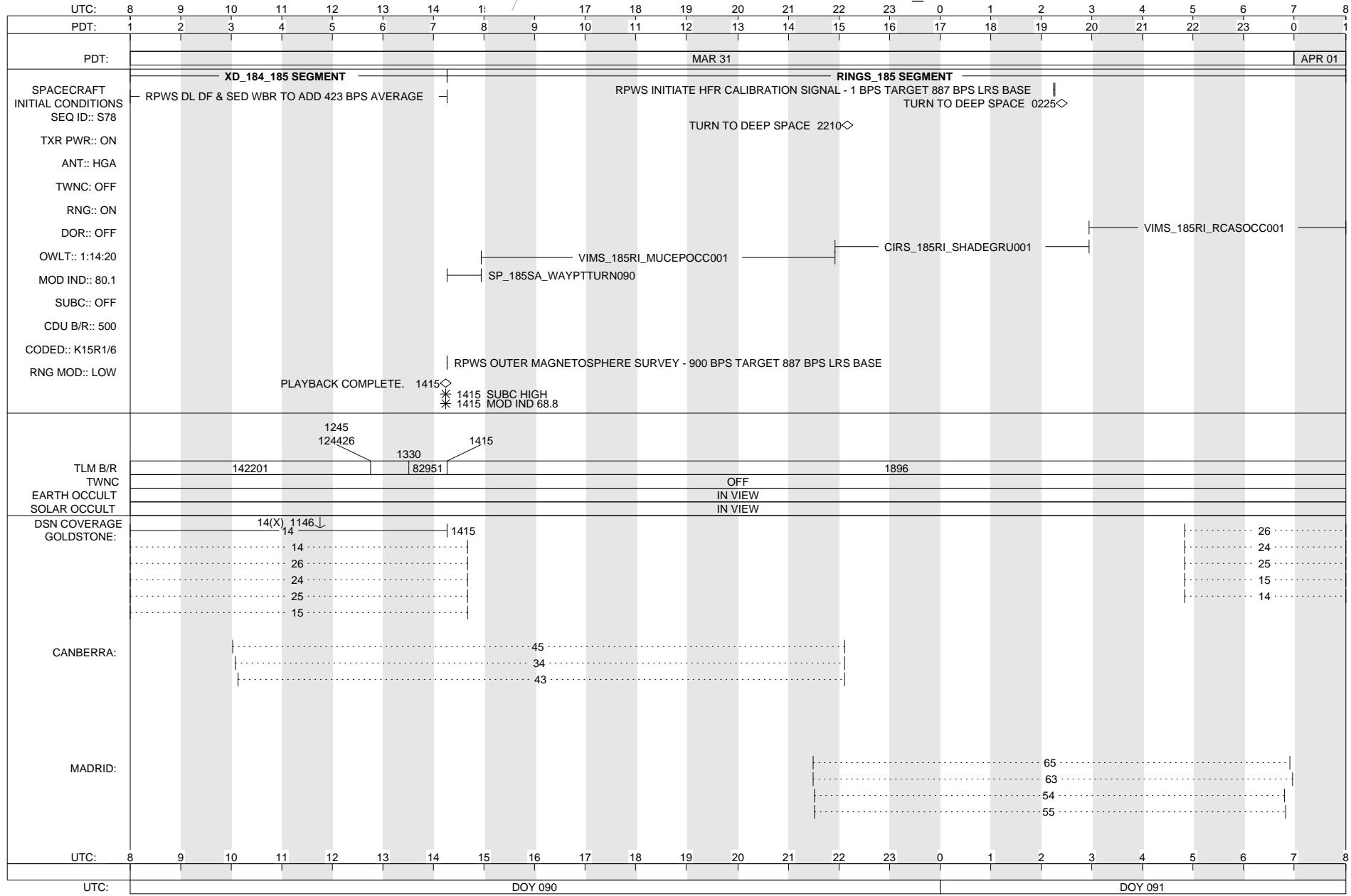
SUNDAY

090-091

MARCH 31, 2013 - APRIL 1, 2013



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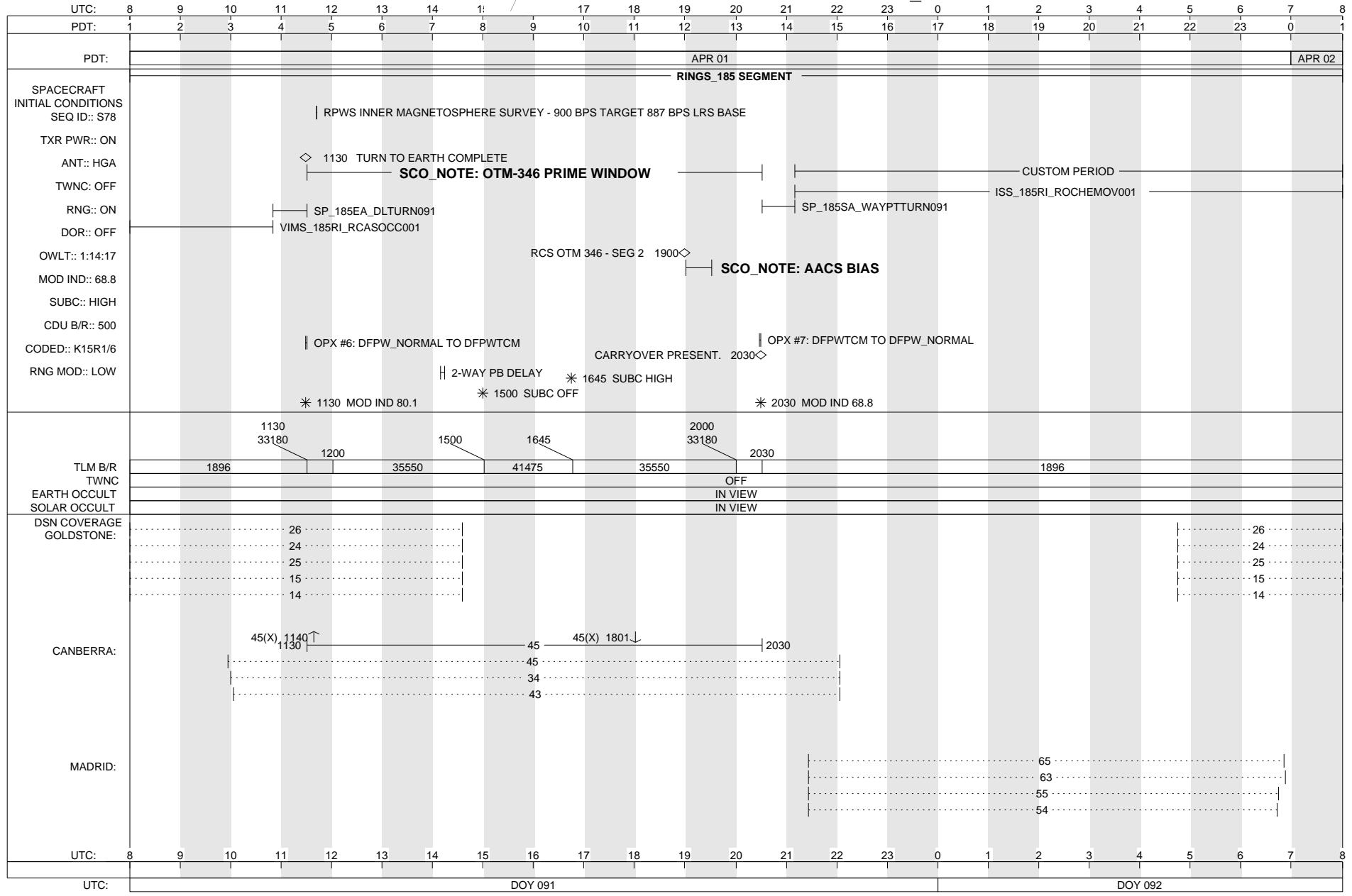
ISSUE DATE: 05/22/13

MONDAY 091-092

APRIL 1, 2013 - APRIL 2, 2013



CASSINI SFOS

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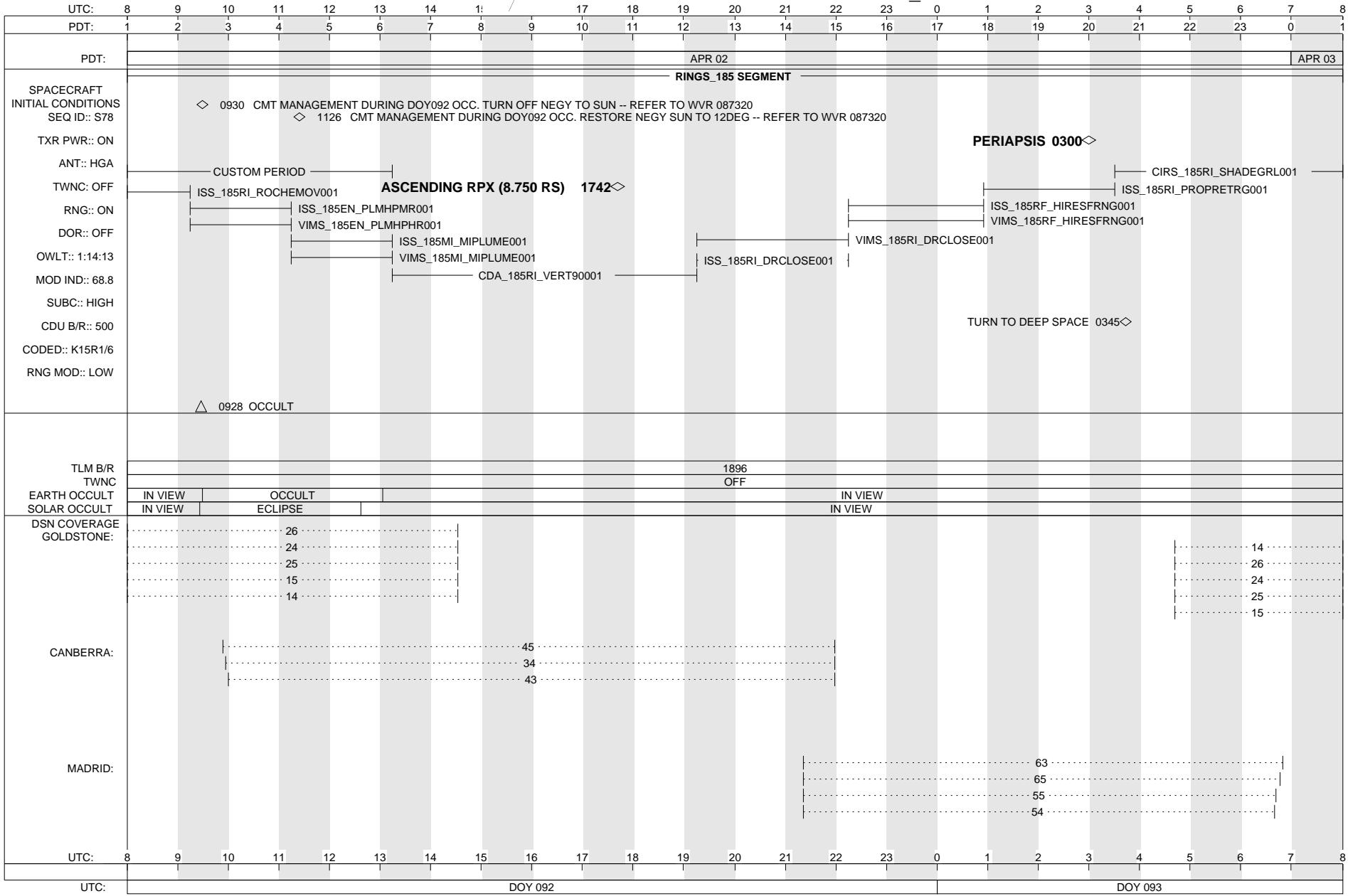
ISSUE DATE: 05/22/13

TUESDAY 092-093

APRIL 2, 2013 - APRIL 3, 2013



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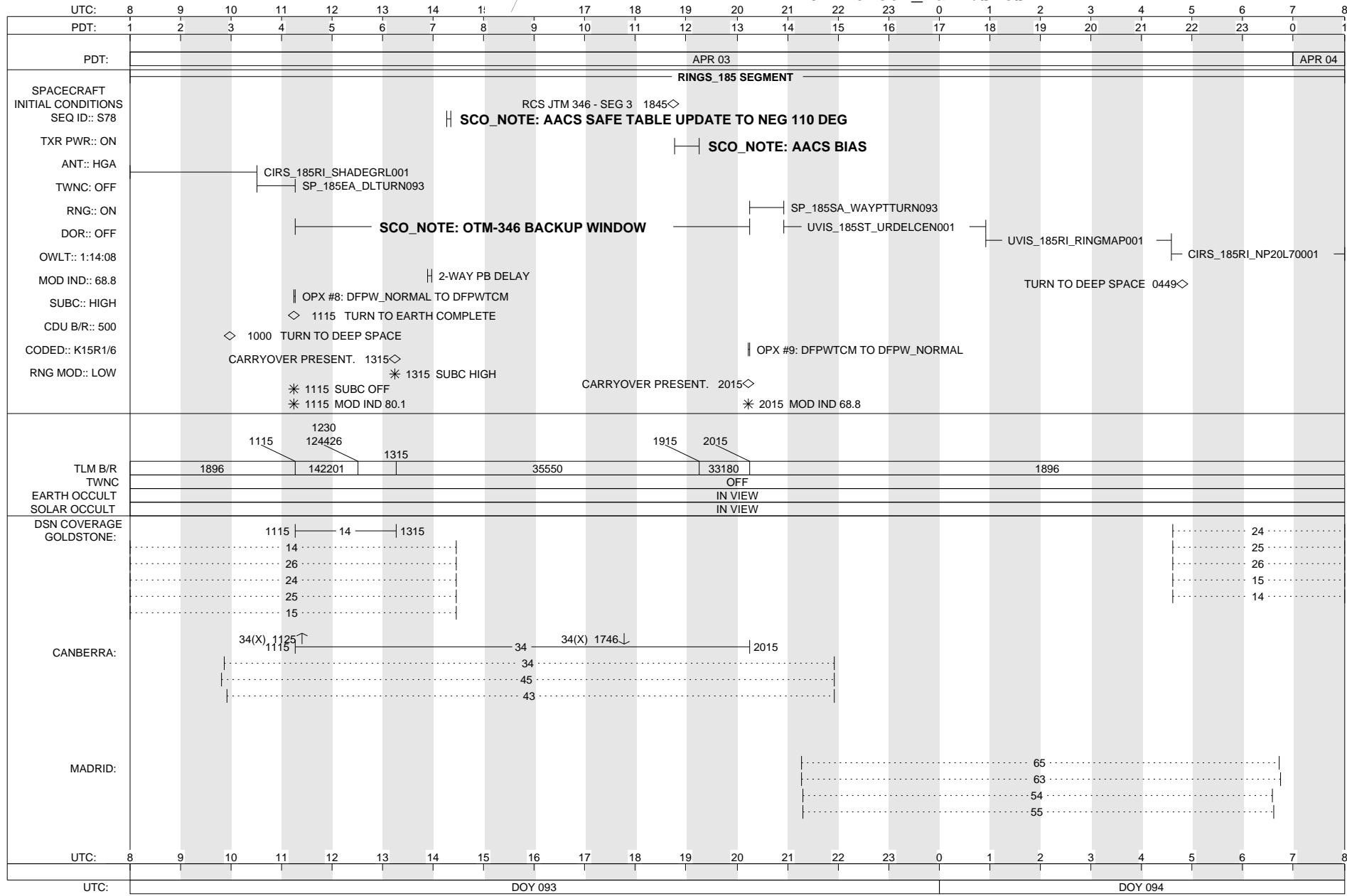
ISSUE DATE: 05/22/13

WEDNESDAY 093-094

APRIL 3, 2013 - APRIL 4, 2013



CASSINI SFOS

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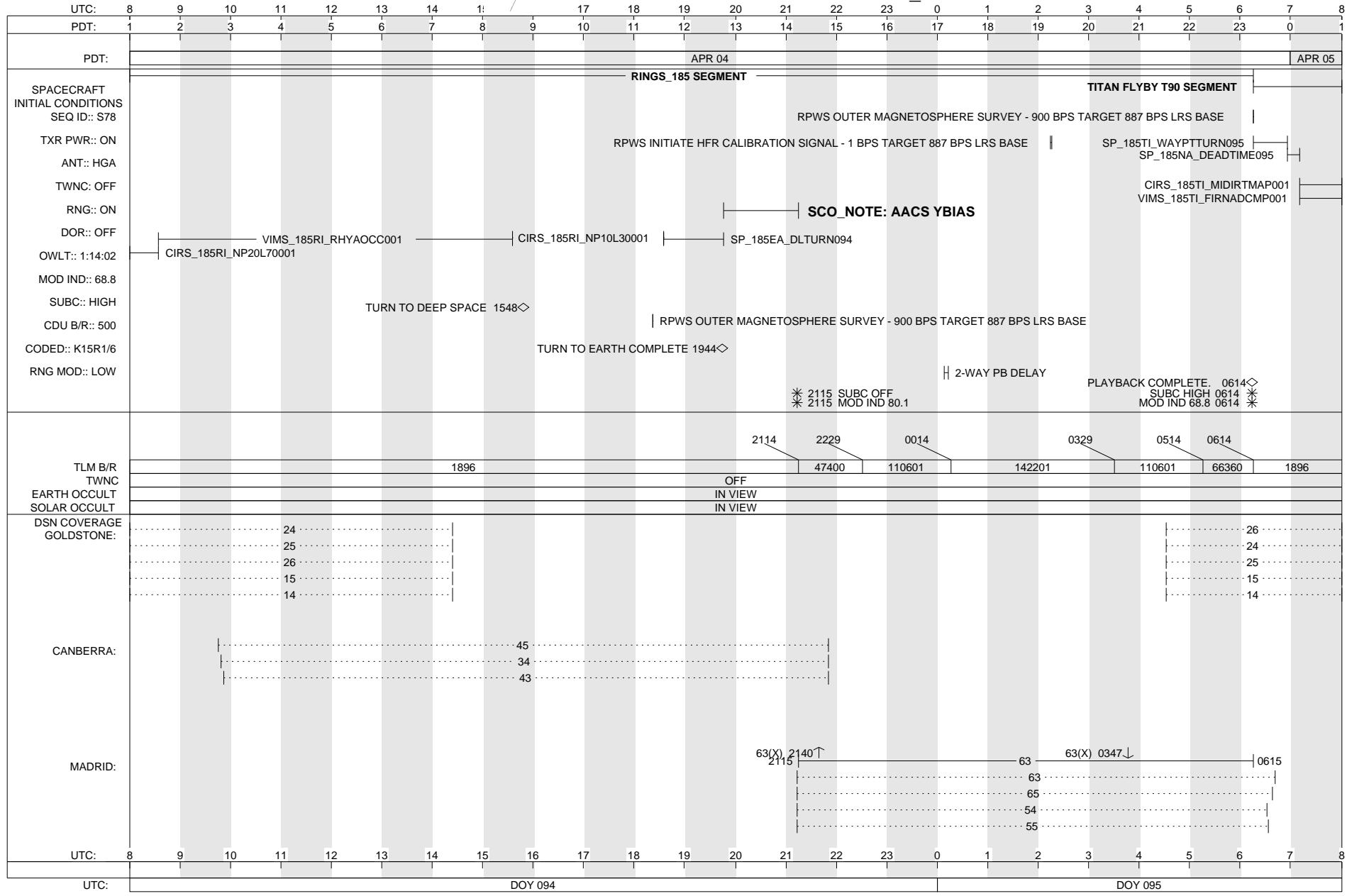
ISSUE DATE: 05/22/13

THURSDAY 094-095

APRIL 4, 2013 - APRIL 5, 2013



CASSINI SFOS

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SFOS z0780i_full.sfos

ISSUE DATE: 05/22/13

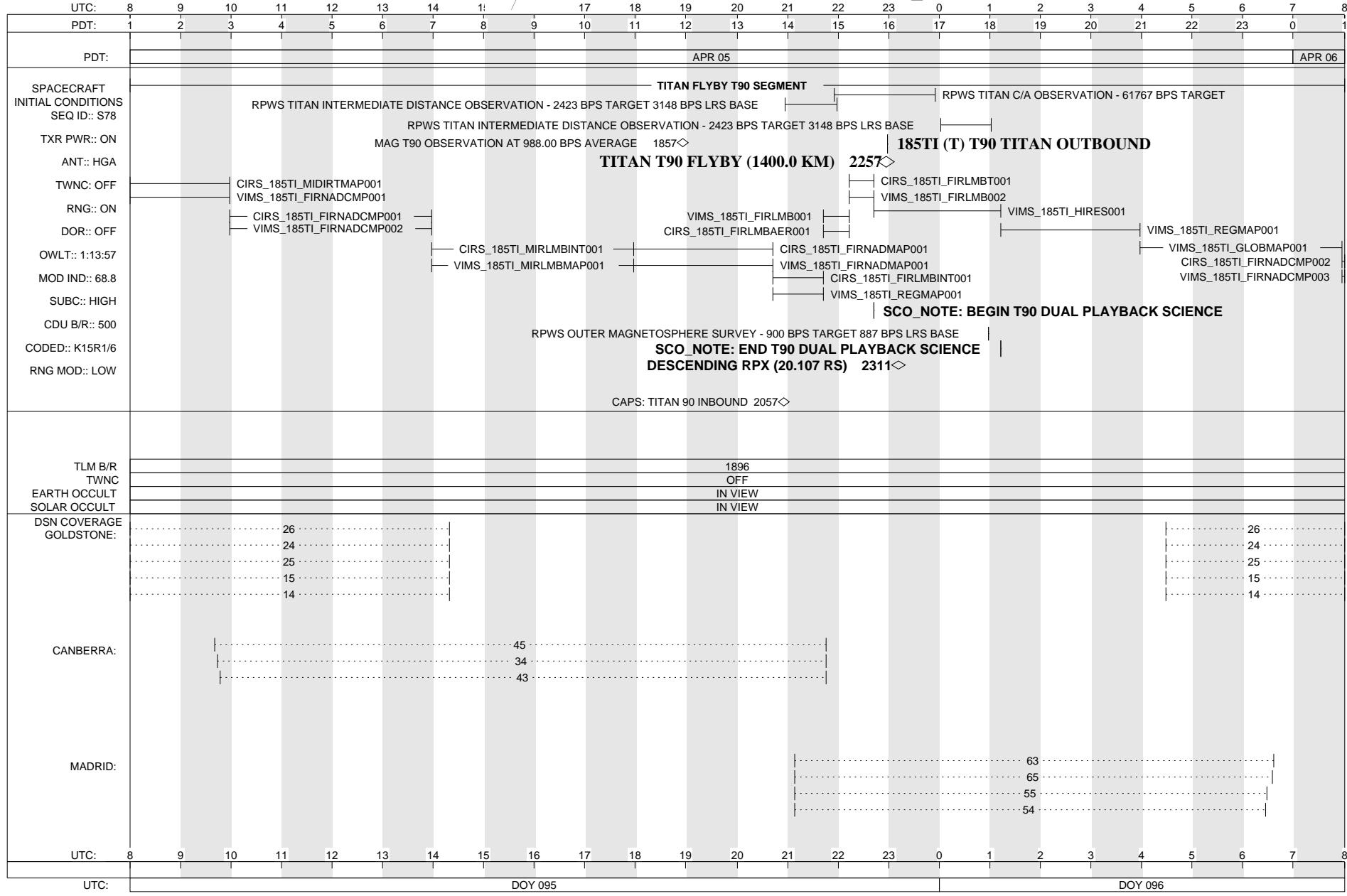
FRIDAY

095-096

APRIL 5, 2013 - APRIL 6, 2013



CASSINI SFOS

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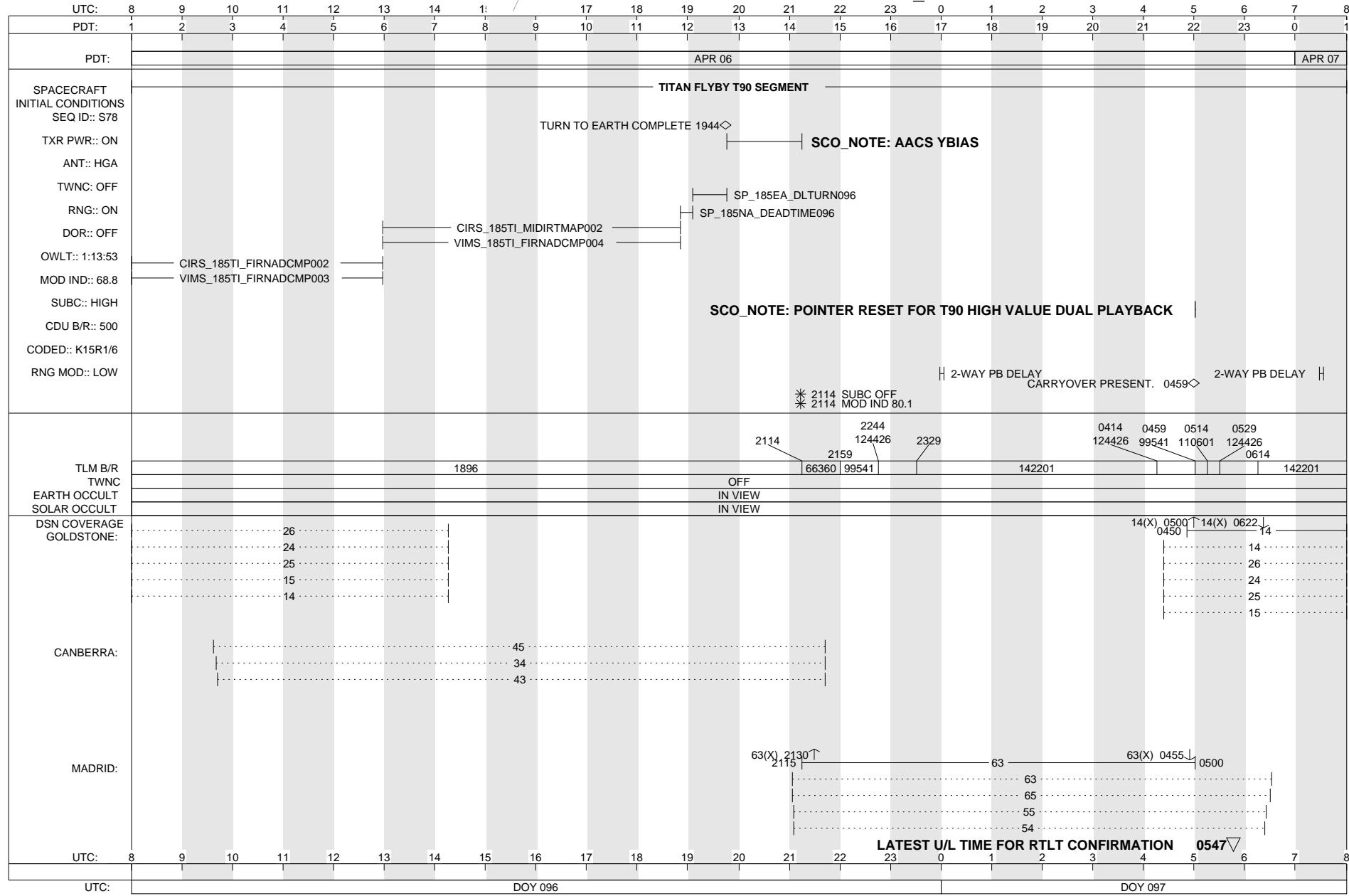
ISSUE DATE: 05/22/13

SATURDAY 096-097

APRIL 6, 2013 - APRIL 7, 2013



CASSINI SFOS

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SFOS z0780i_full.sfos

ISSUE DATE: 05/22/13

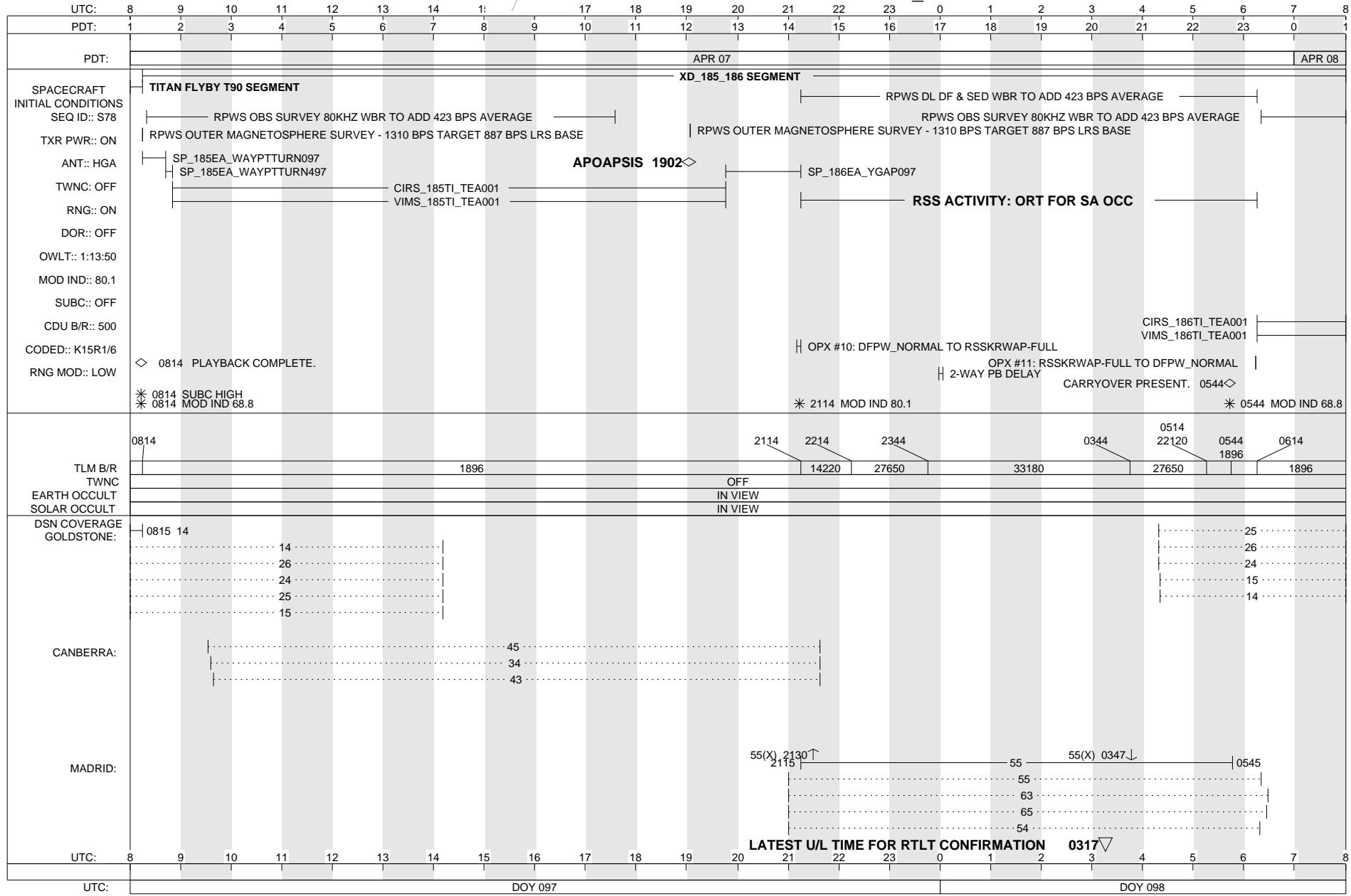
SUNDAY

097-098

APRIL 7, 2013 - APRIL 8, 2013



CASSINI SFOS

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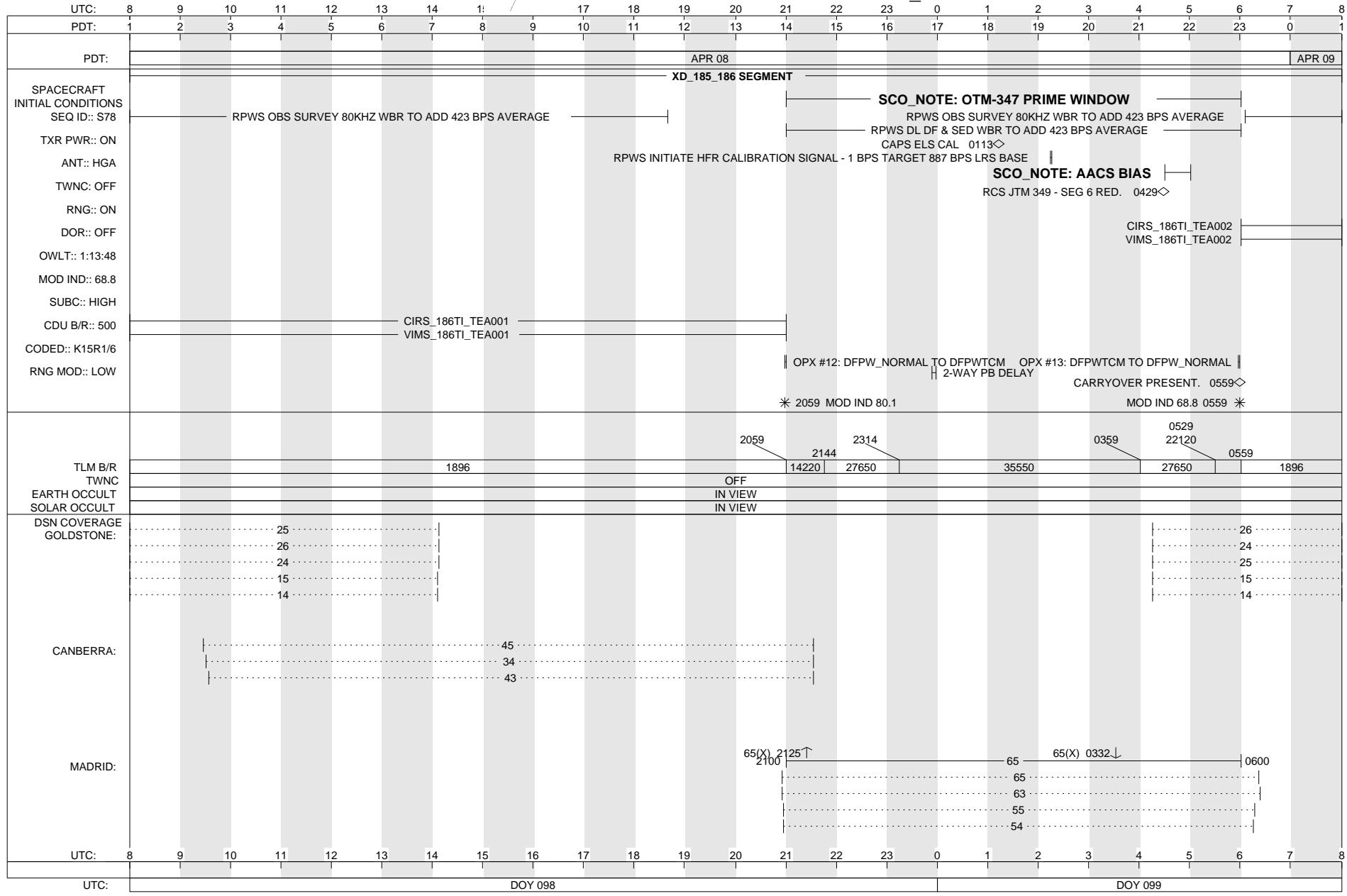
MONDAY

098-099

APRIL 8, 2013 - APRIL 9, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

ISSUE DATE: 05/22/13

TUESDAY 099-100

APRIL 9, 2013 - APRIL 10, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

UTCTIME: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

PDTTIME: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1

PDT: APR 09 APR 10

SPACECRAFT INITIAL CONDITIONS SEQ ID:: S78

SEQ ID:: S78 RPWS OBS SURVEY 80KHZ WBR TO ADD 423 BPS AVERAGE

TXR PWR:: ON

ANT:: HGA

TWNC:: OFF

RNG:: ON

DOR:: OFF CIRS_186TI_TEA002

VIMS_186TI_TEA002

OWLTT:: 1:13:46

MOD IND:: 68.8

SUBC:: HIGH

CDU B/R:: 500

CODED:: K15R1/6

RNG MOD:: LOW

XD_185_186 SEGMENT

RPWS AURORAL CROSSING OBSERVATION - 21310 BPS TARGET 2000 BPS LRS BASE

RPWS DL DF & SED WBR TO ADD 423 BPS AVERAGE

RPWS OBS HRSKR WBR TO ADD 19310 BPS AVERAGE

VIMS IEB LOAD002 FROM SSR TURN TO DEEP SPACE 0628◊

CIRS_186RI_TDIFISOUTH001

SP_186SA_WAYPTTURN100

RINGS_186 SEGMENT

SCO_NOTE: OTM-347 BACKUP WINDOW

LMB1/LUD1 UL TRACK

OPX #14: DFPW_NORMAL TO DFPWTCM

OPX #15: DFPWTCM TO DFPW_NORMAL

2-WAY PB DELAY

CARRYOVER PRESENT. 0559◊

* 2059 MOD IND 80.1

MOD IND 68.8 0559 *

TLM B/R

TWNC

EARTH OCCULT

SOLAR OCCULT

1896 2059 2144 2314 0359 0529 22120 0559

OFF IN VIEW IN VIEW

14220 27650 35550 27650 1896

DSN COVERAGE GOLDSTONE:

26 24 25 15 14

CANBERRA:

45 34 43

MADRID:

65(X) 2120↑ 65 65 63 55 54

65(X) 0332↓ 0600

UTCTIME: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

UTC: DOY 099

DOY 100

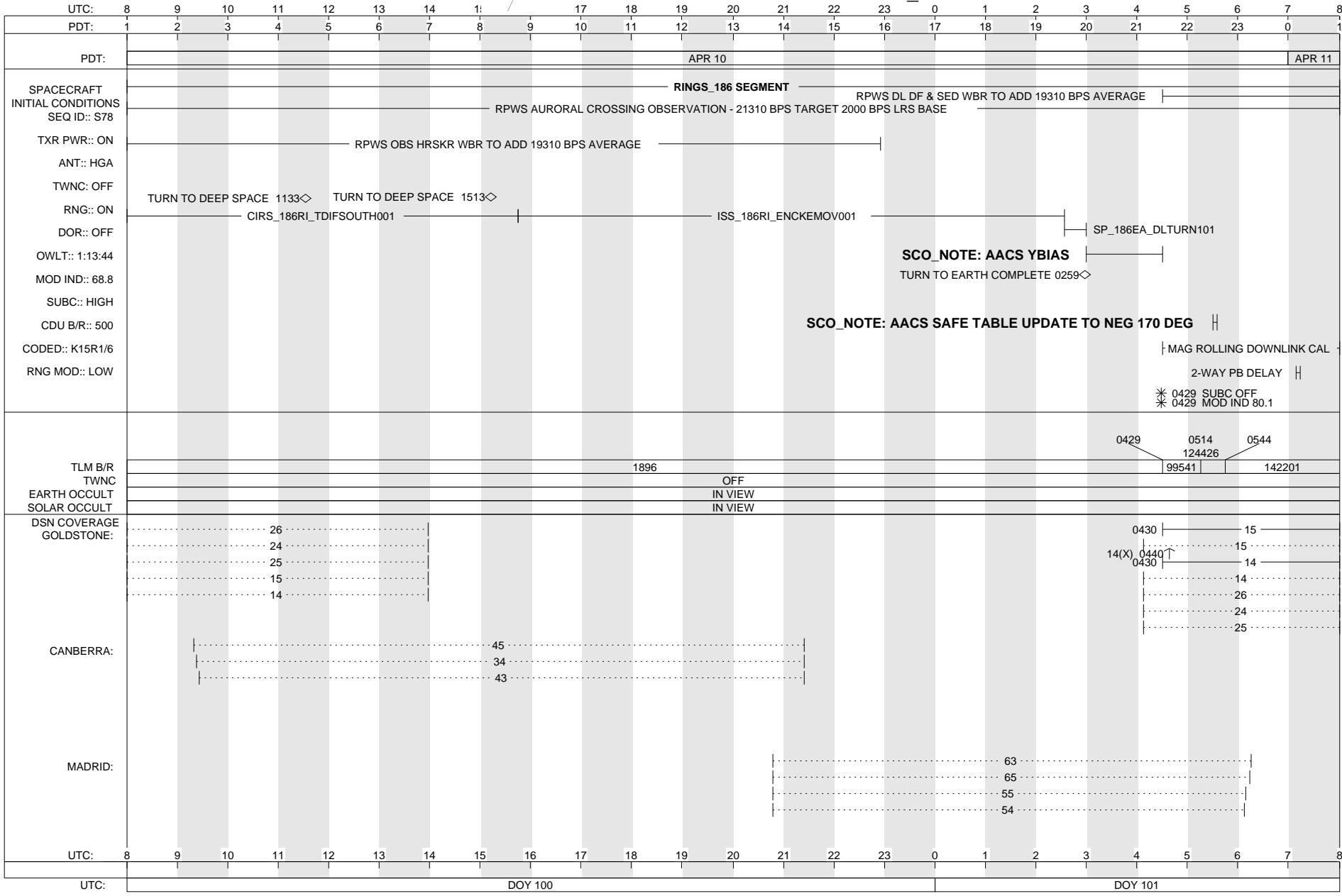
ISSUE DATE: 05/22/13

WEDNESDAY 100-101

APRIL 10, 2013 - APRIL 11, 2013



CASSINI SFOS

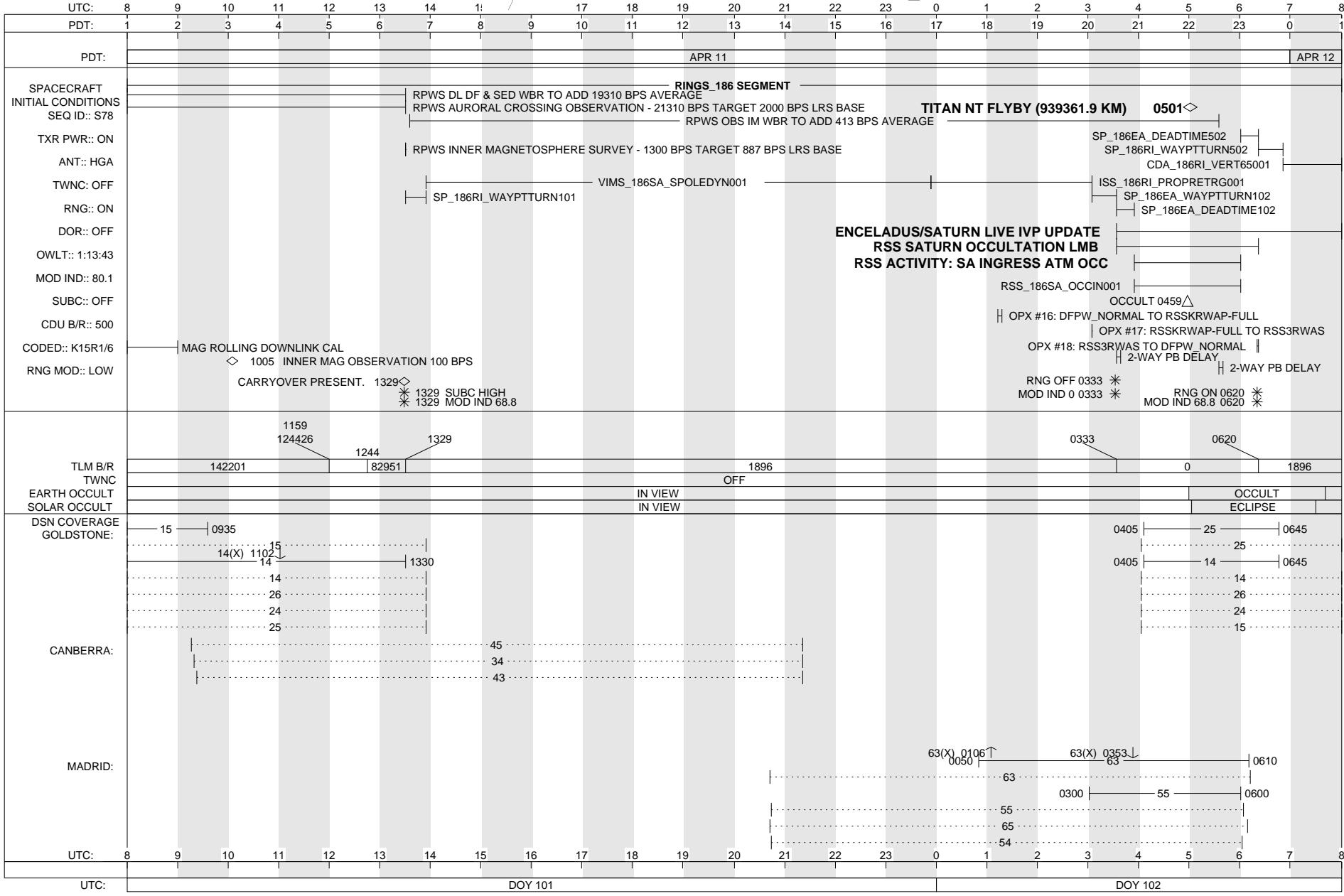
SOE z0780i_full.soe
SFOS z0780i_full.sfos

THURSDAY 101-102

APRIL 11, 2013 - APRIL 12, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

ISSUE DATE: 05/22/13

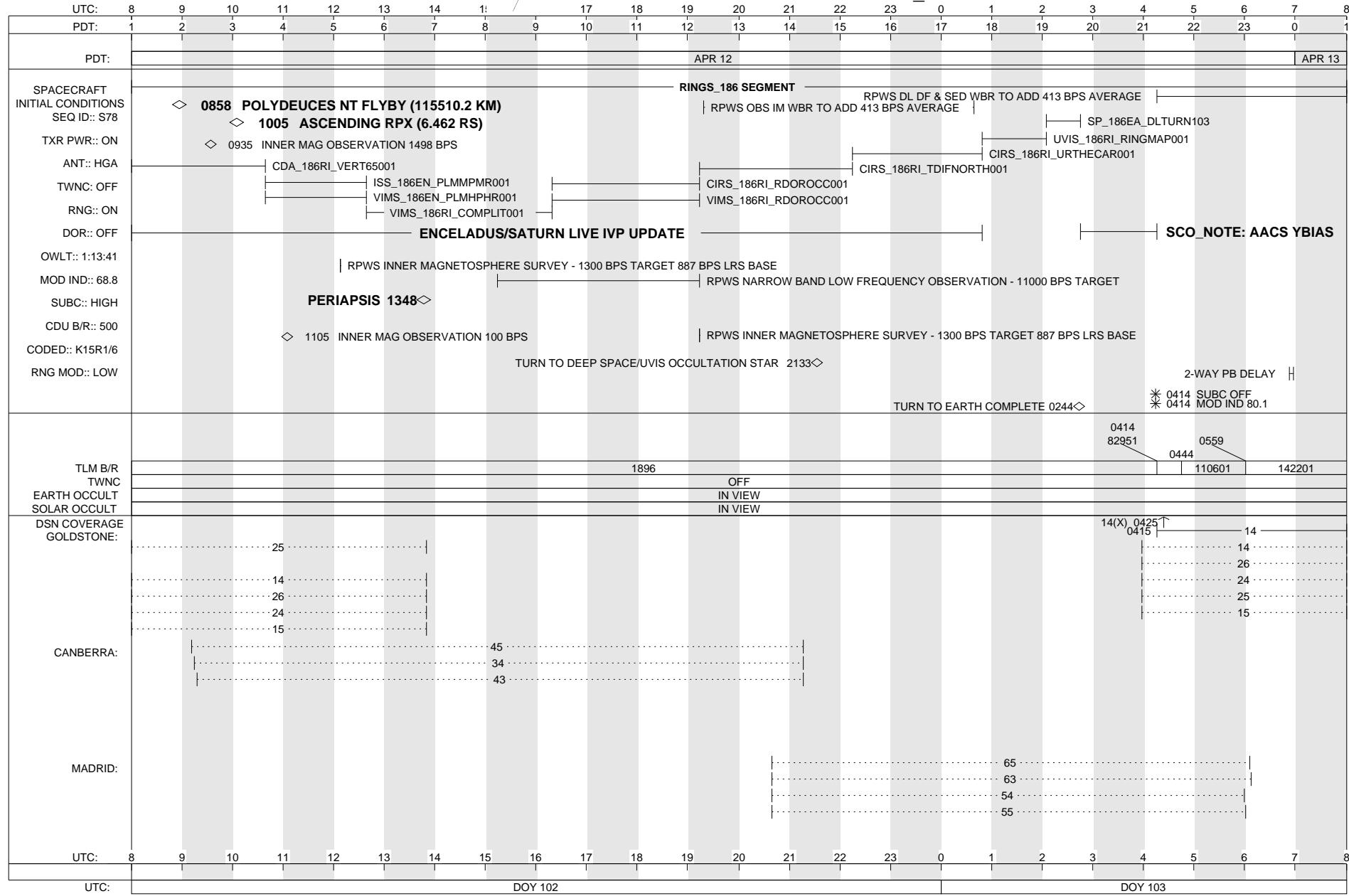
FRIDAY

102-103

APRIL 12, 2013 - APRIL 13, 2013



CASSINI SFOS

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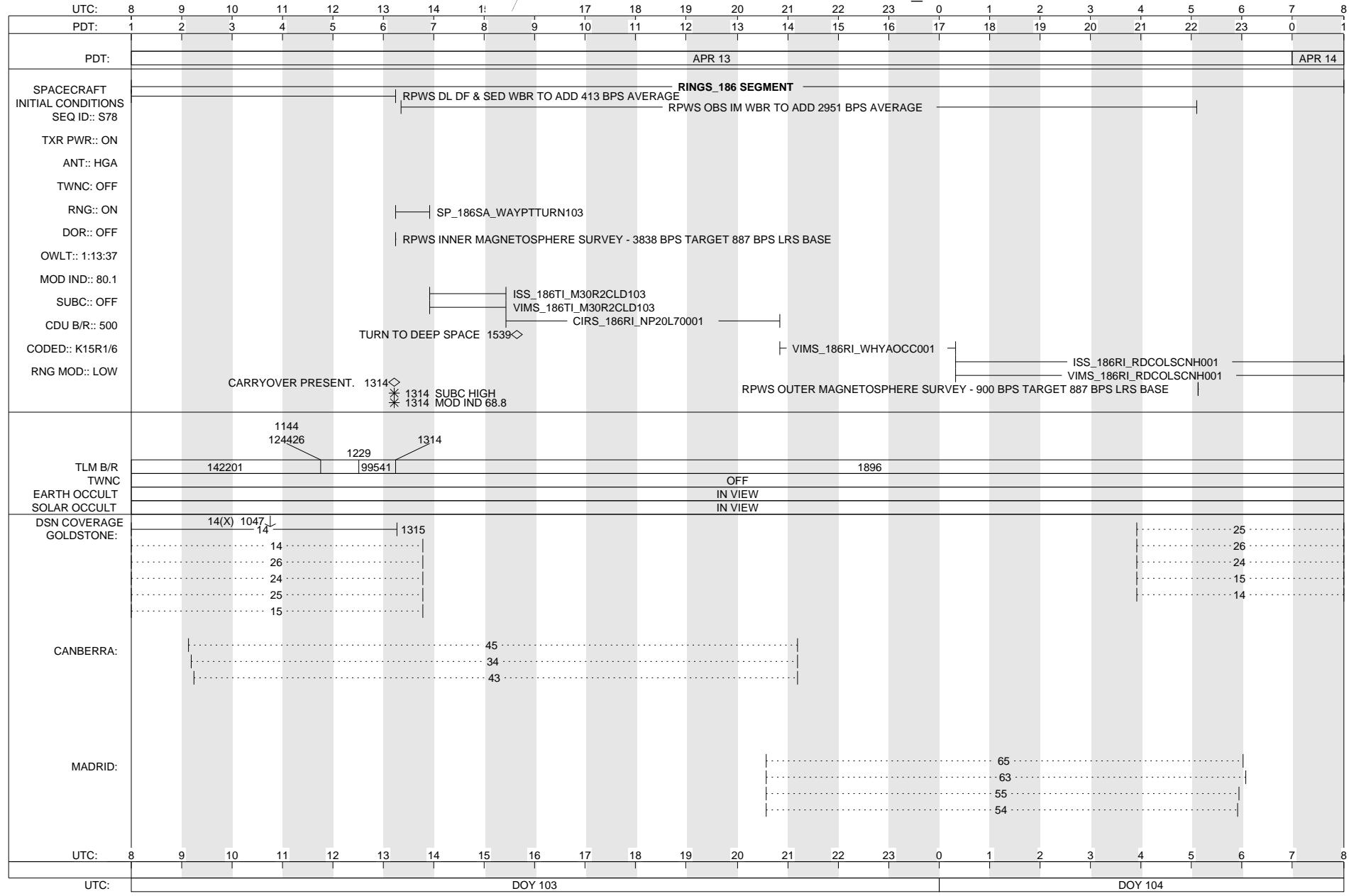
ISSUE DATE: 05/22/13

SATURDAY 103-104

APRIL 13, 2013 - APRIL 14, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos


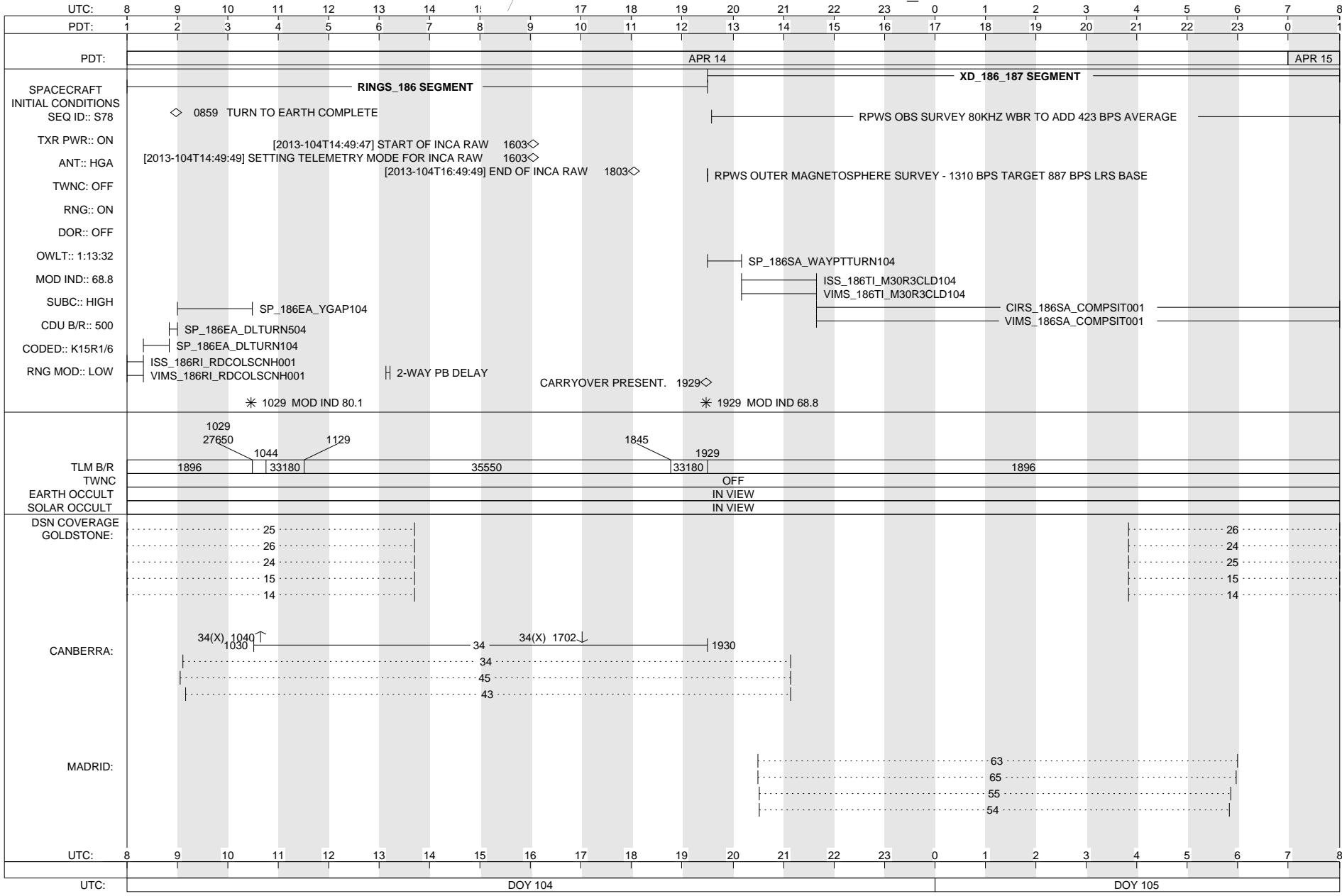
SUNDAY

104-105

APRIL 14, 2013 - APRIL 15, 2013



CASSINI SFOS

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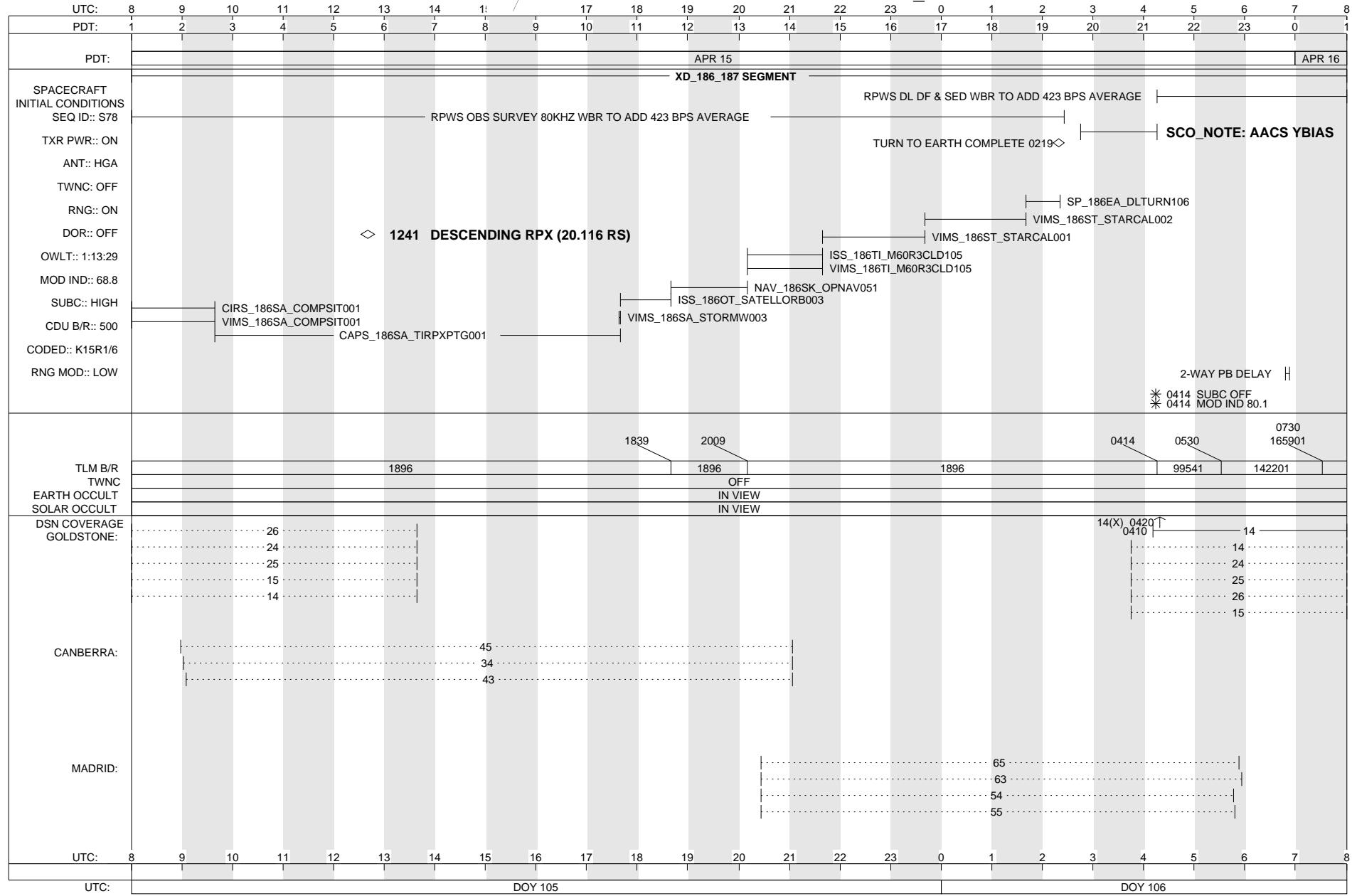
ISSUE DATE: 05/22/13

MONDAY 105-106

APRIL 15, 2013 - APRIL 16, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

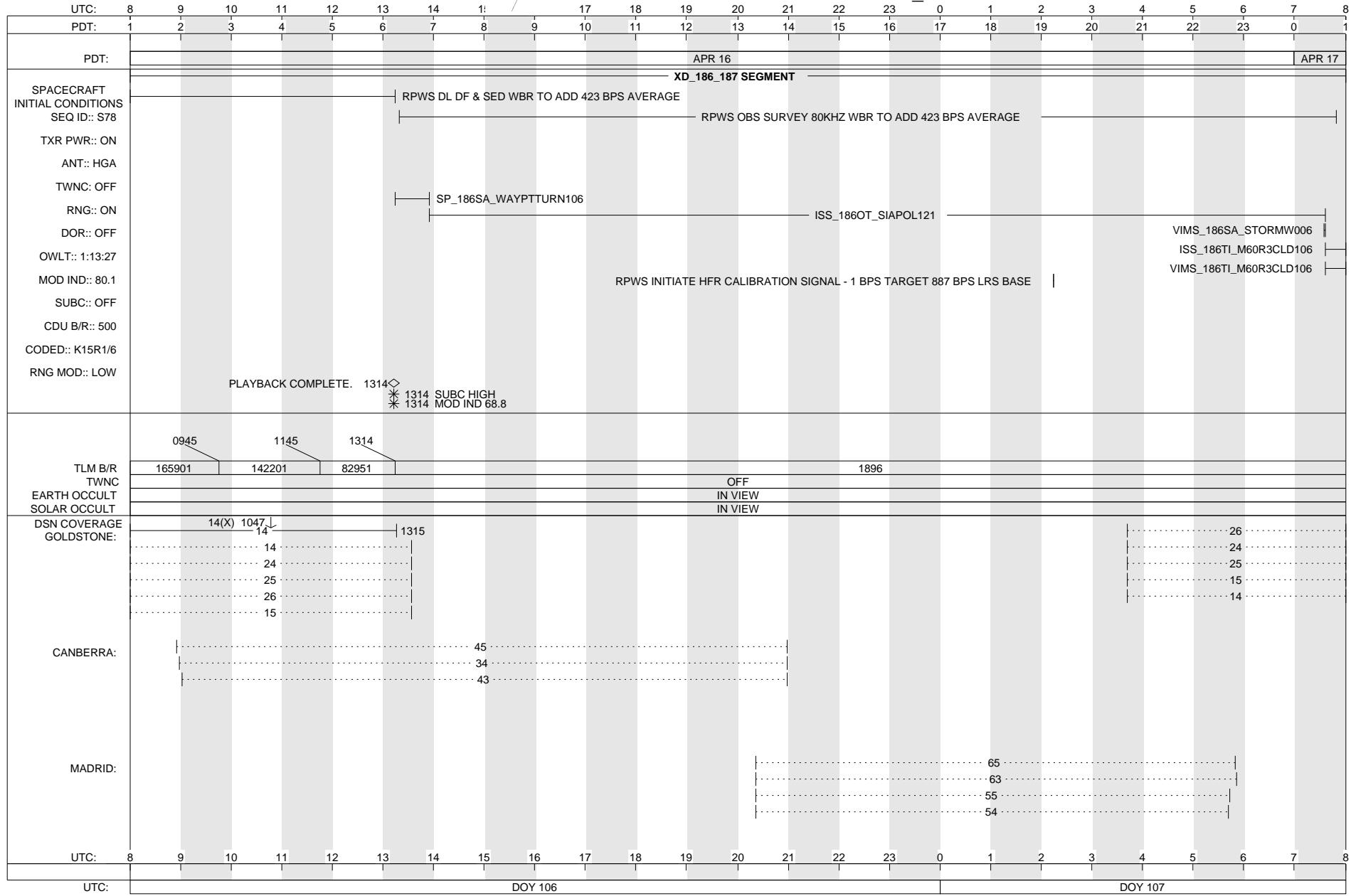
ISSUE DATE: 05/22/13

TUESDAY 106-107

APRIL 16, 2013 - APRIL 17, 2013



CASSINI SFOS

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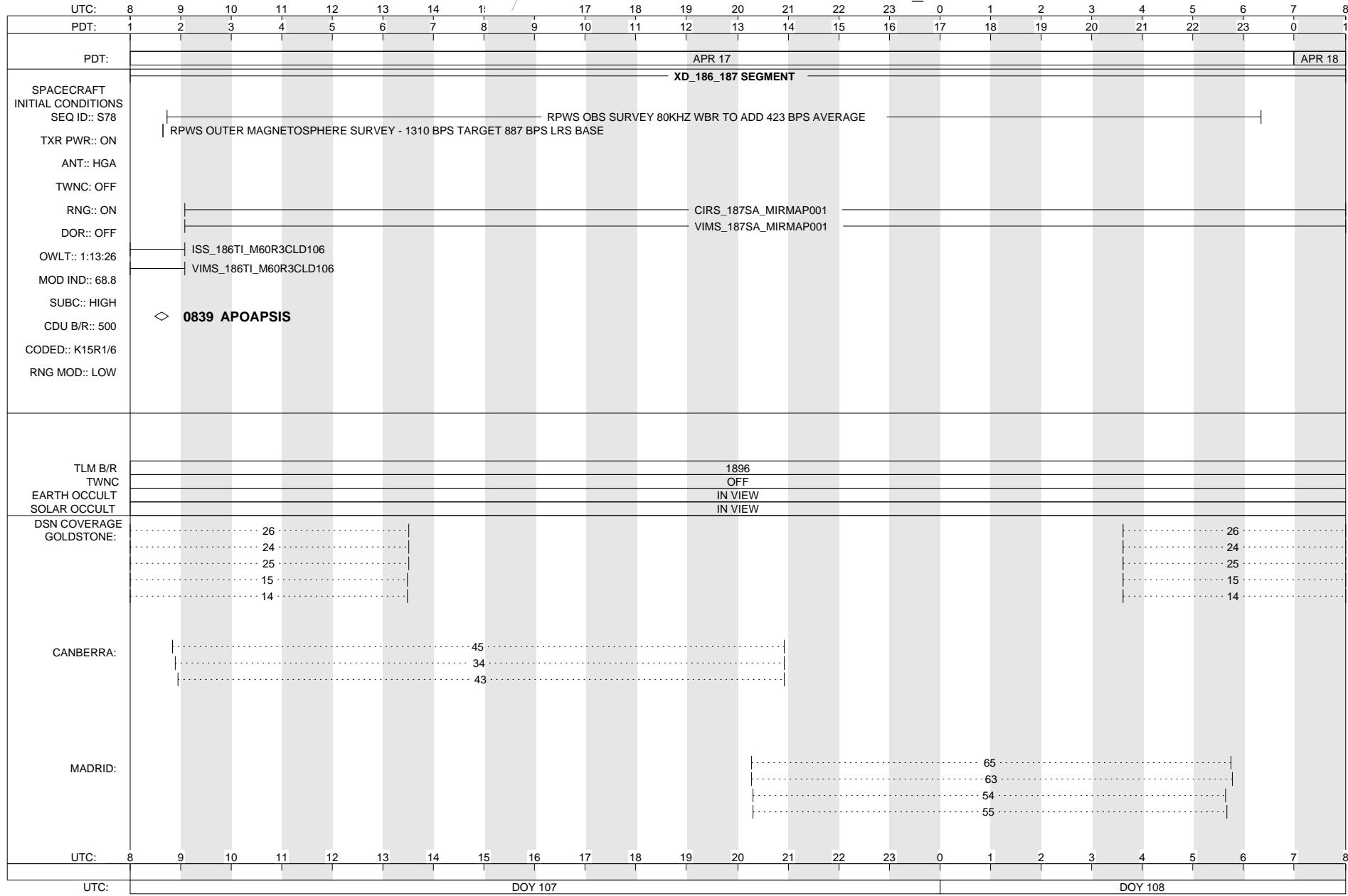
ISSUE DATE: 05/22/13

WEDNESDAY 107-108

APRIL 17, 2013 - APRIL 18, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

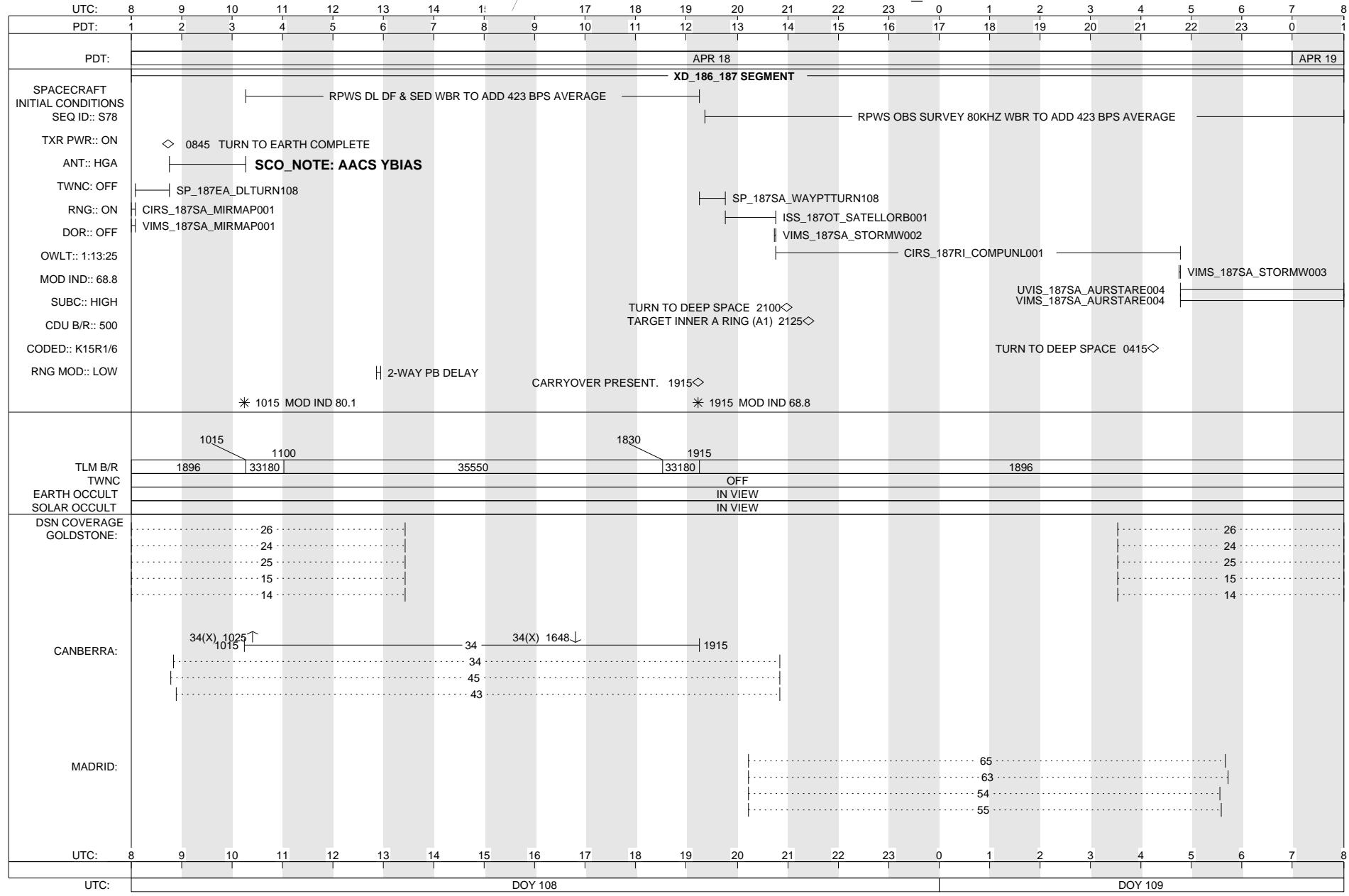
ISSUE DATE: 05/22/13

THURSDAY 108-109

APRIL 18, 2013 - APRIL 19, 2013



CASSINI SFOS

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SFOS z0780i_full.sfos

ISSUE DATE: 05/22/13

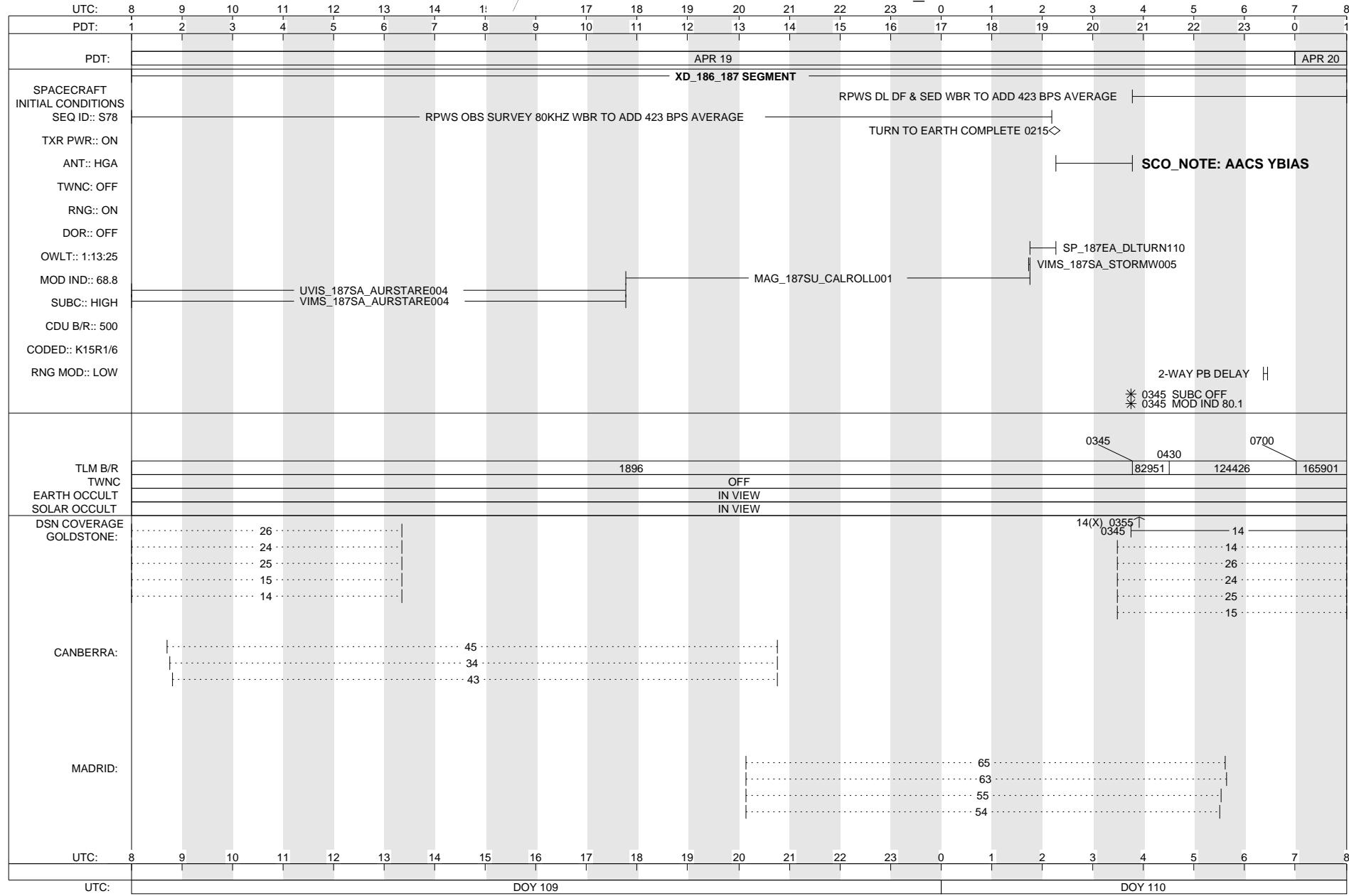
FRIDAY

109-110

APRIL 19, 2013 - APRIL 20, 2013



CASSINI SFOS

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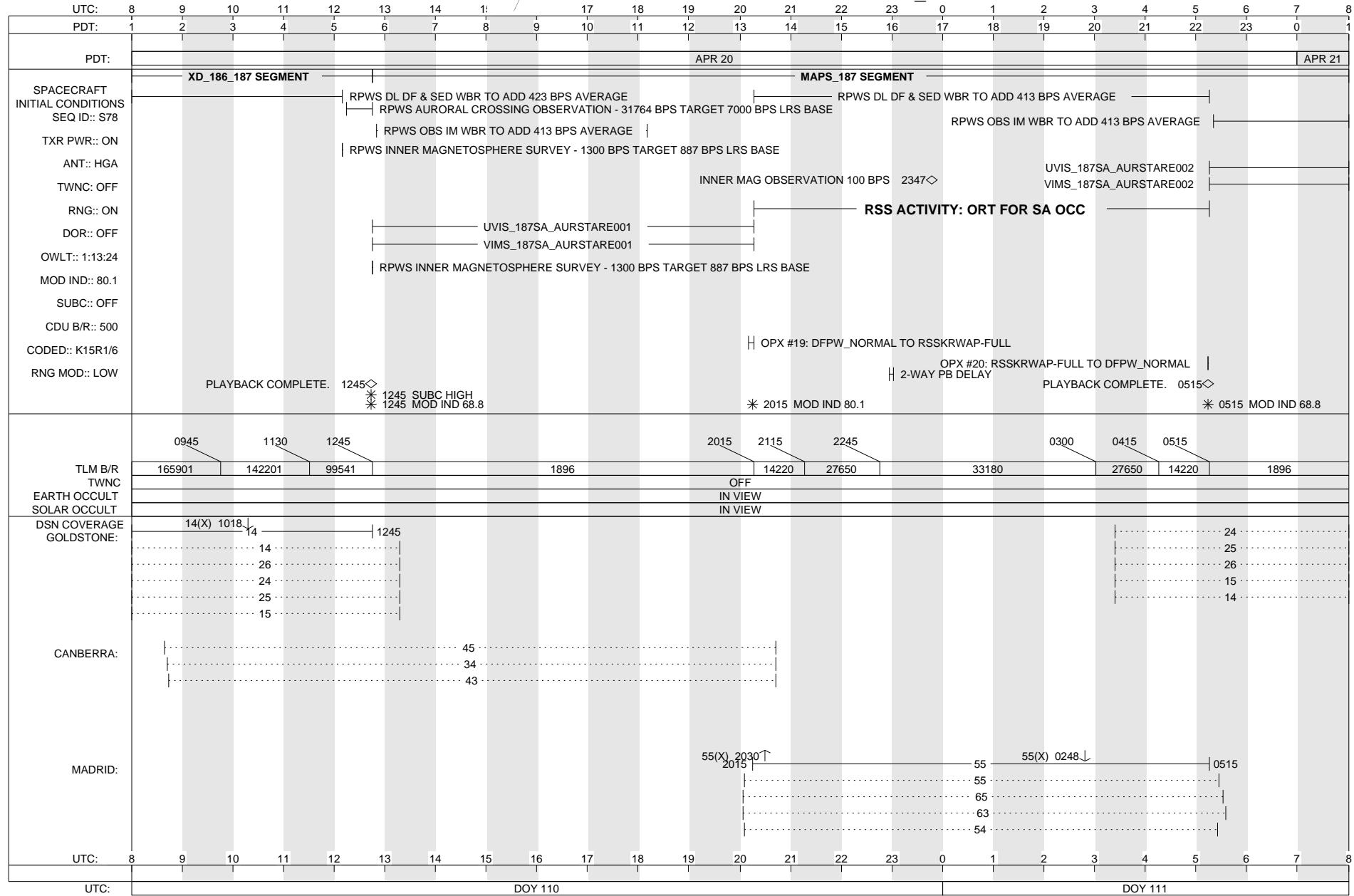
ISSUE DATE: 05/22/13

SATURDAY 110-111

APRIL 20, 2013 - APRIL 21, 2013



CASSINI SFOS

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SFOS z0780i_full.sfos

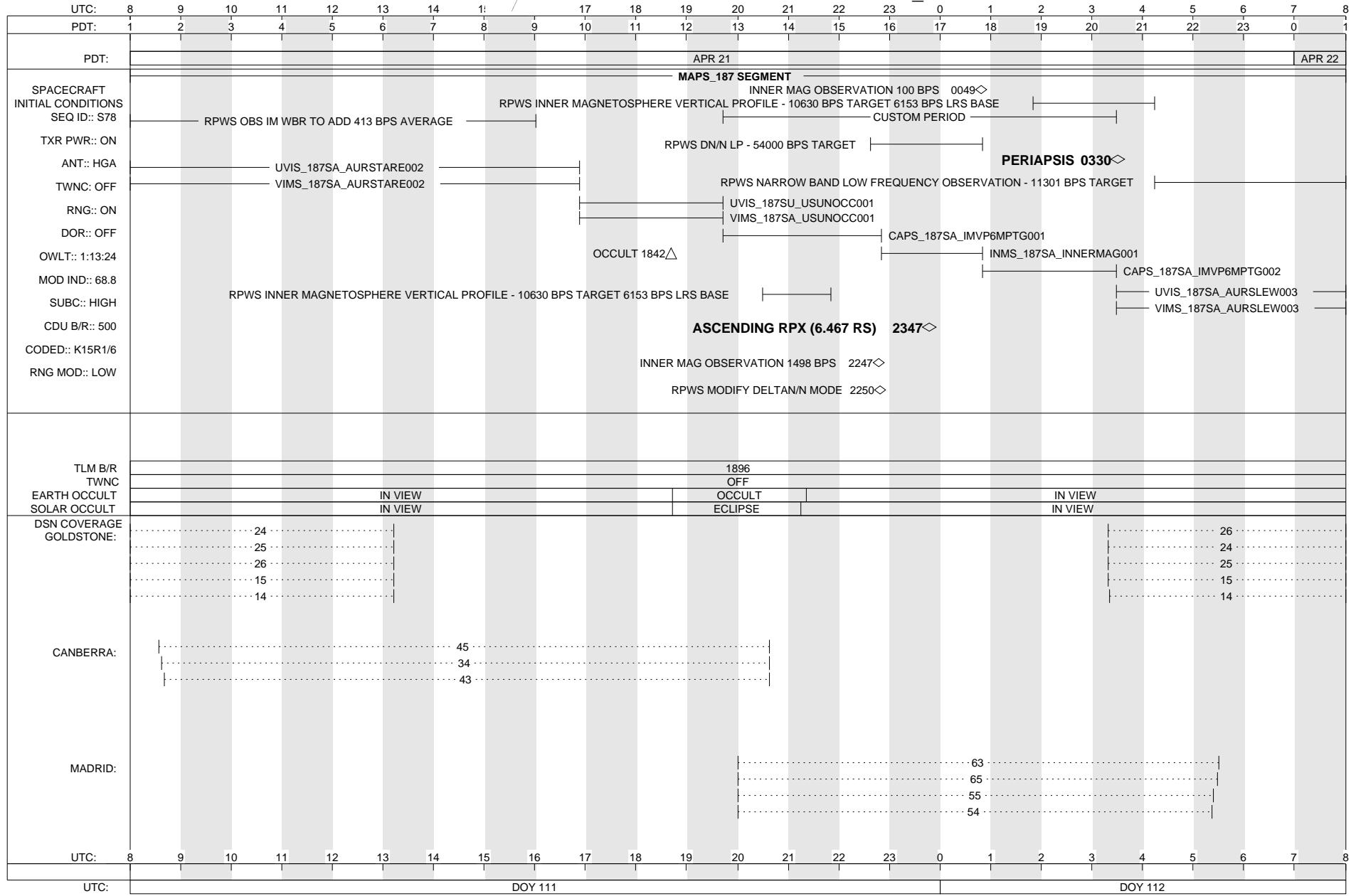
SUNDAY

111-112

APRIL 21, 2013 - APRIL 22, 2013



CASSINI SFOS

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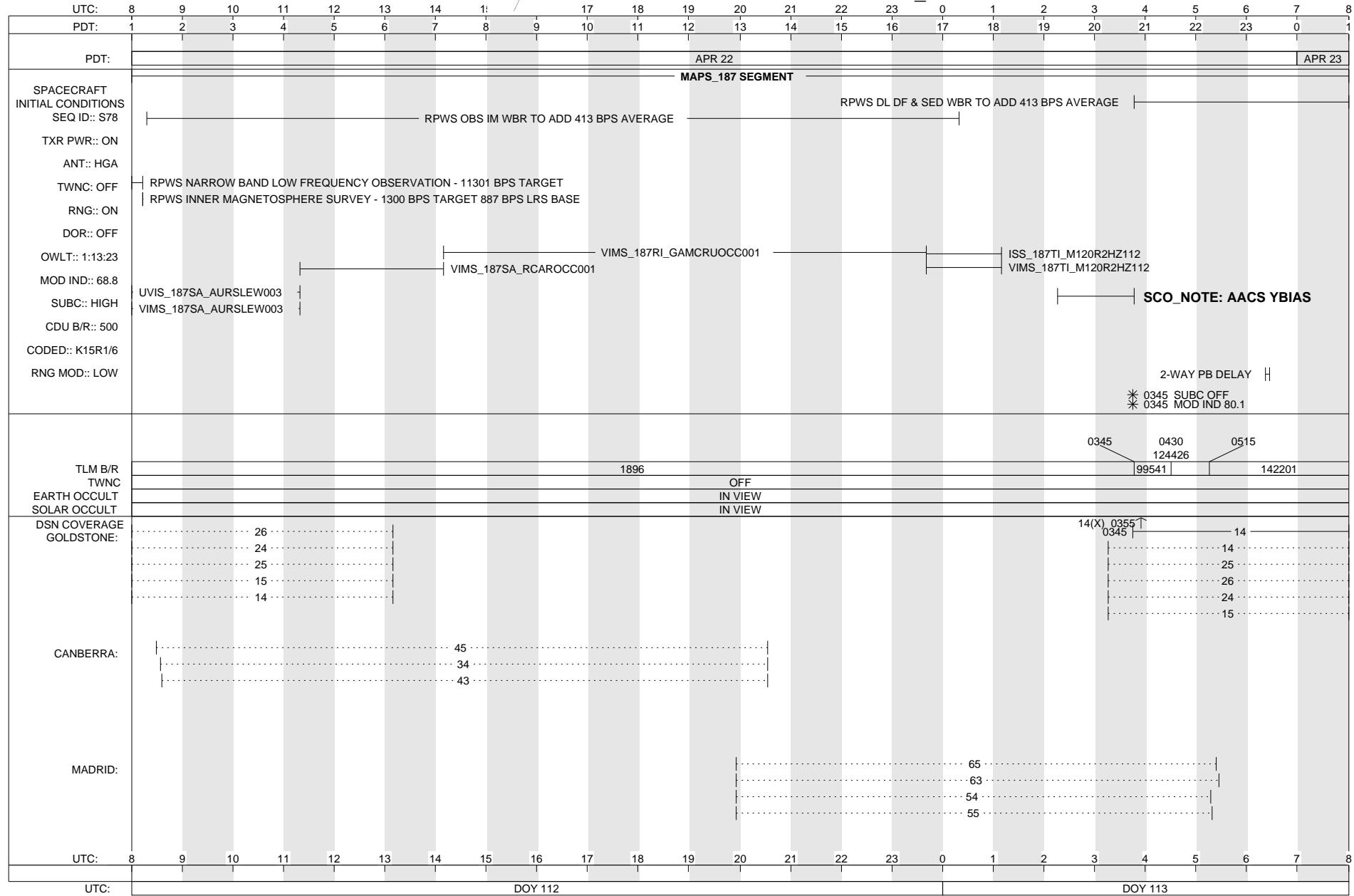
ISSUE DATE: 05/22/13

MONDAY 112-113

APRIL 22, 2013 - APRIL 23, 2013



CASSINI SFOS

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SFOS z0780i_full.sfos

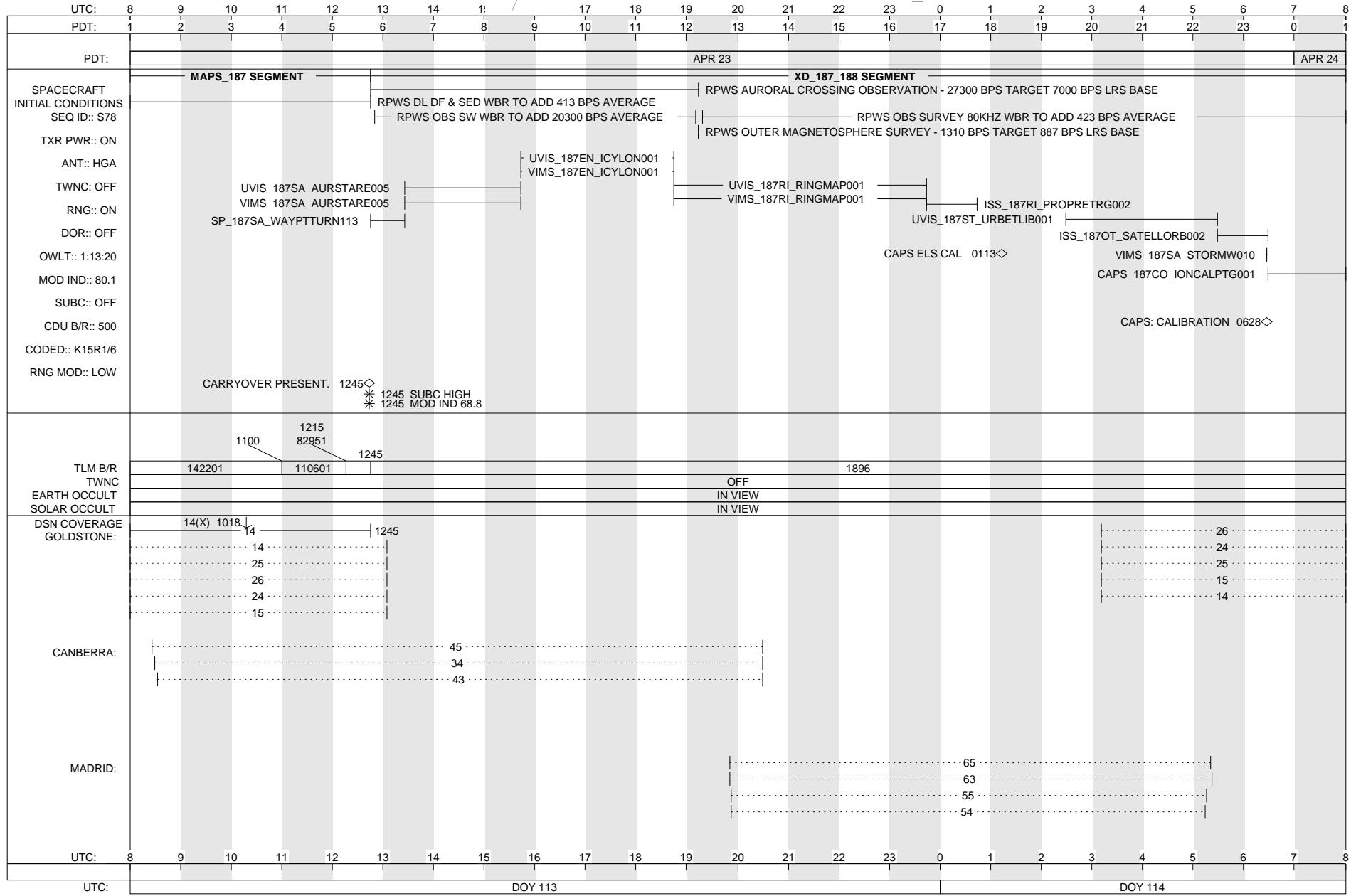
ISSUE DATE: 05/22/13

TUESDAY 113-114

APRIL 23, 2013 - APRIL 24, 2013



CASSINI SFOS

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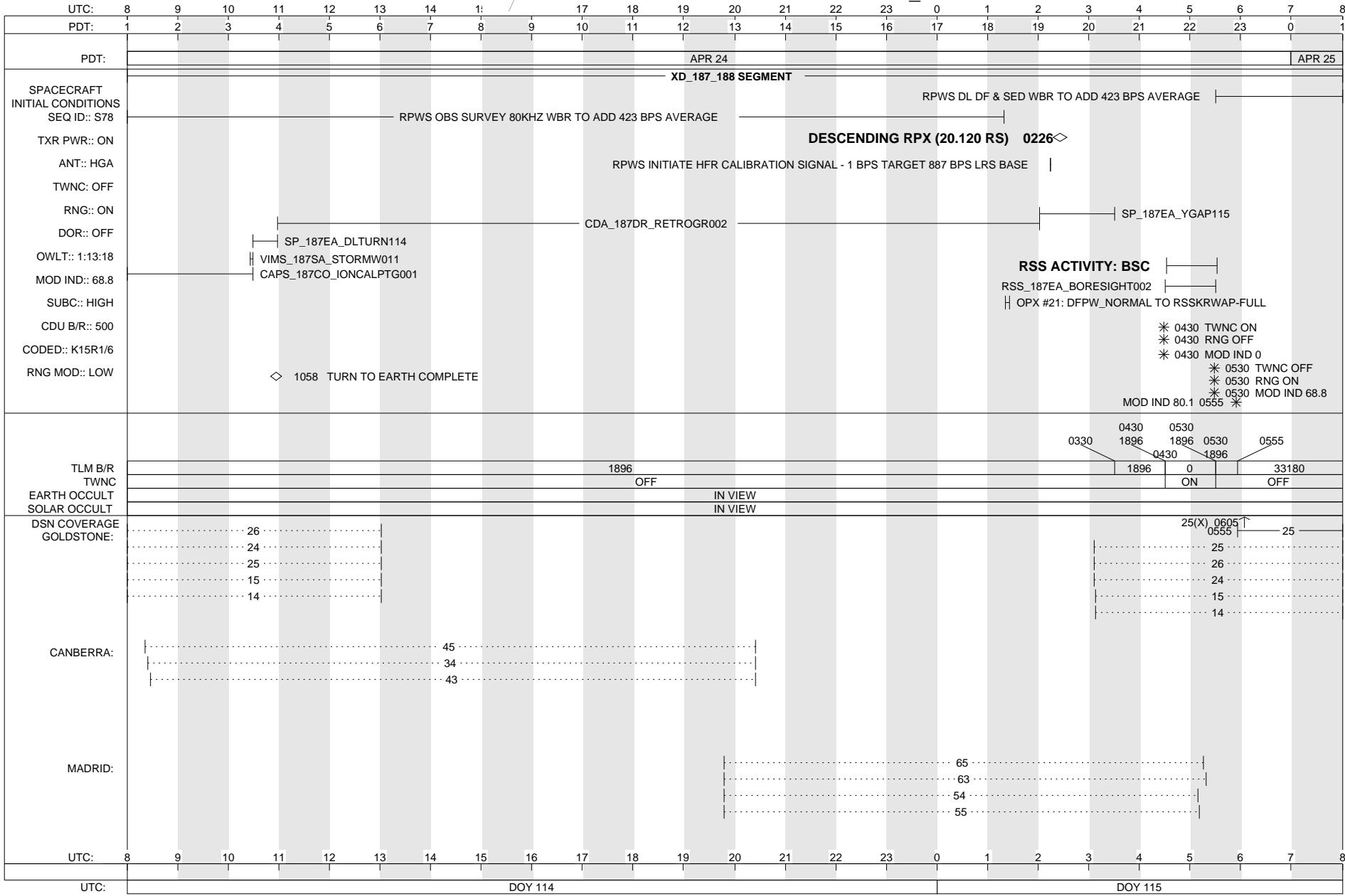
ISSUE DATE: 05/22/13

WEDNESDAY 114-115

APRIL 24, 2013 - APRIL 25, 2013



CASSINI SFOS

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SFOS z0780i_full.sfos

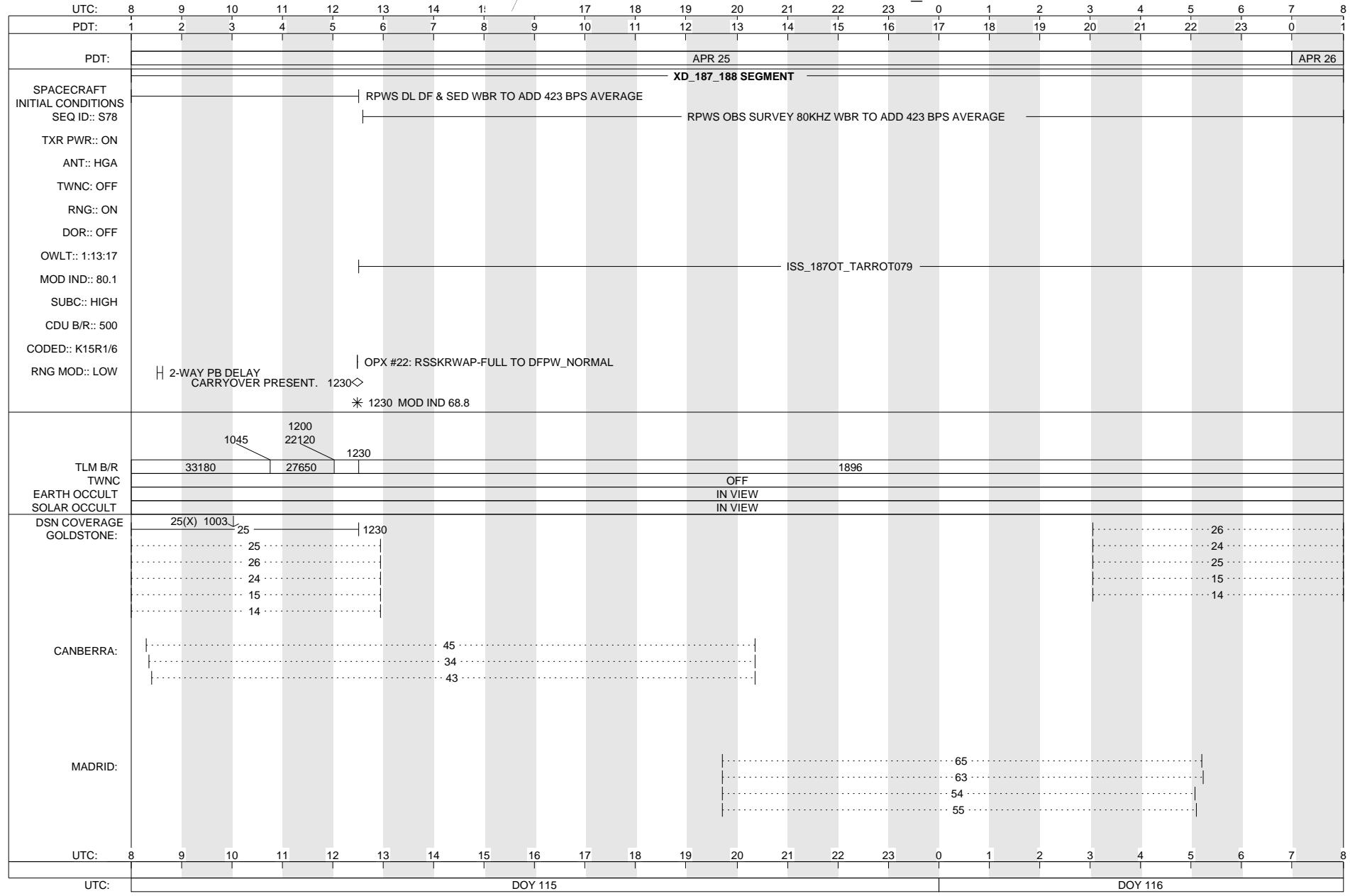
ISSUE DATE: 05/22/13

THURSDAY 115-116

APRIL 25, 2013 - APRIL 26, 2013



CASSINI SFOS

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SFOS z0780i_full.sfos

ISSUE DATE: 05/22/13

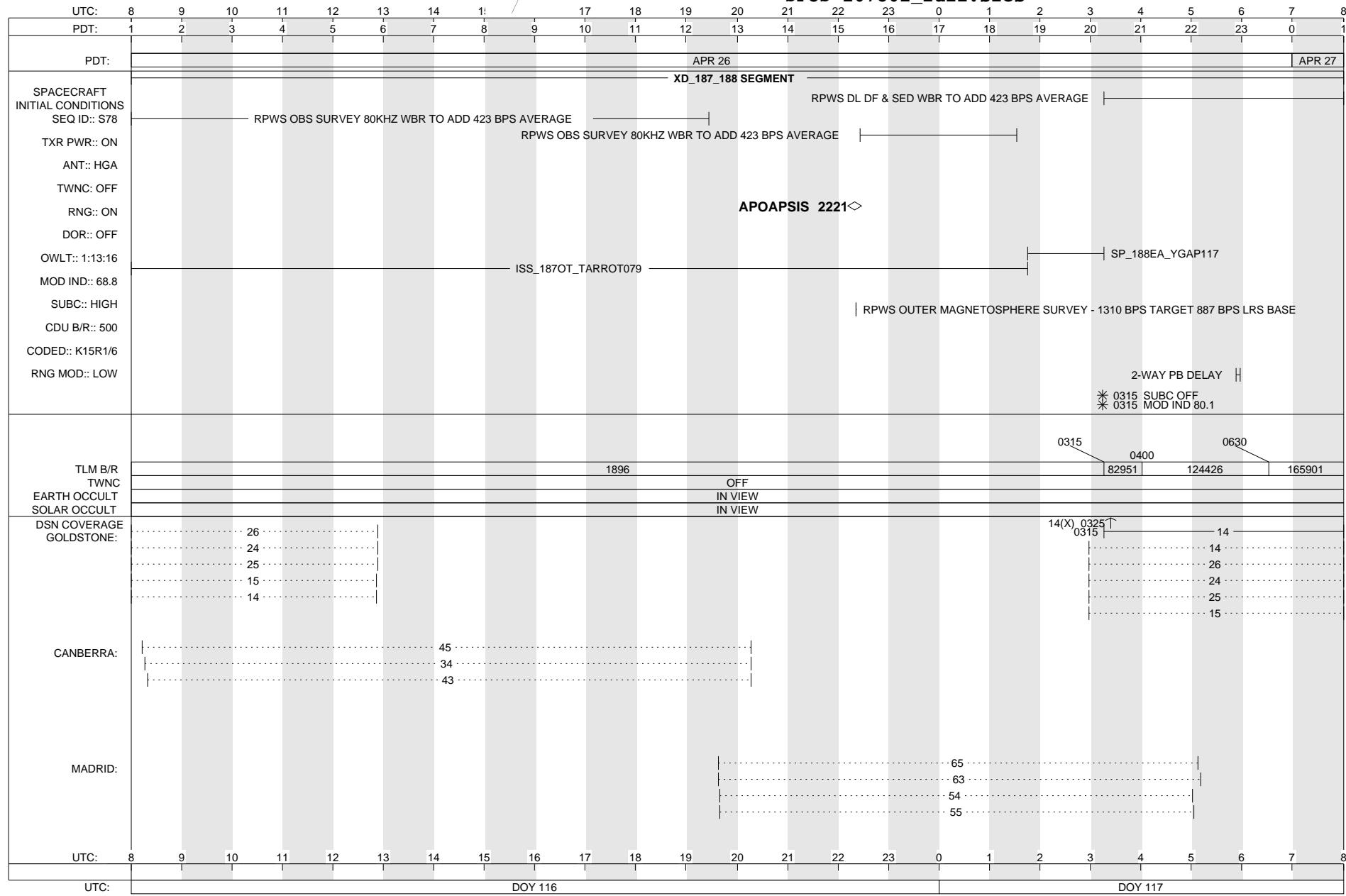
FRIDAY

116-117

APRIL 26, 2013 - APRIL 27, 2013



CASSINI SFOS

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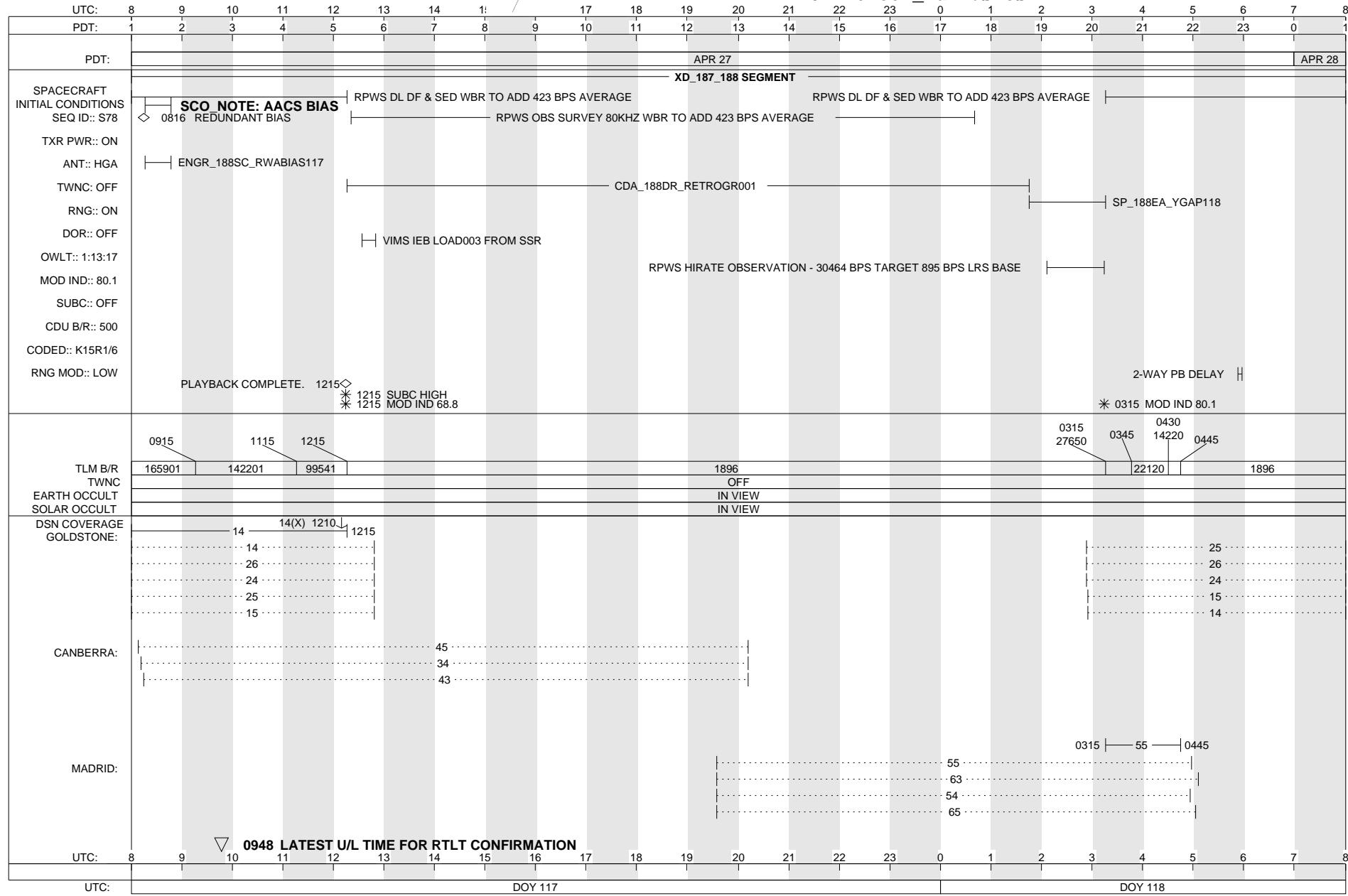
ISSUE DATE: 05/22/13

SATURDAY 117-118

APRIL 27, 2013 - APRIL 28, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

ISSUE DATE: 05/22/13

SUNDAY

118-119

APRIL 28, 2013 - APRIL 29, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

PDT: APR 28 APR 29

SPACECRAFT INITIAL CONDITIONS SEQ ID:: S78

TXR PWR:: ON

ANT:: HGA

TWNC:: OFF

RNG:: ON

DOR:: OFF

OWL:: 1:13:17

MOD IND:: 80.1

SUBC:: HIGH

CDU B/R:: 500

CODED:: K15R1/6

RNG MOD:: LOW

PDT: APR 28 APR 29

RPWS DL DF & SED WBR TO ADD 423 BPS AVERAGE

RPWS OBS SURVEY 80KHZ WBR TO ADD 423 BPS AVERAGE

XD_187_188 SEGMENT

SP_188SA_WAYPTTURN118

ISS_188OT_SATELLORB002

VIMS_188SA_STORMW001

UVIS_188DI_ICYEX001

VIMS_188DI_ICYEX001

ISS_188RL_PROPRETRG001

VIMS_188SA_STORMW002

SP_188EA_DLTURN118

CDA_188DR_RETROGR003

TURN TO EARTH COMPLETE 2158◊

RPWS INITIATE HFR CALIBRATION SIGNAL - 1 BPS TARGET 887 BPS LRS BASE

SP_188EA_YGAP119

MAG ROLLING DOWNLINK CAL

2-WAY PB DELAY

*** 0315 MOD IND 80.1**

CARRYOVER PRESENT. 1215◊

*** 1215 MOD IND 68.8**

TLM B/R

TWNC

EARTH OCCULT

SOLAR OCCULT

DSN COVERAGE GOLDSTONE:

CANBERRA:

MADRID:

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

DOY 118

DOY 119

0948 LATEST U/L TIME FOR RLT CONFIRMATION

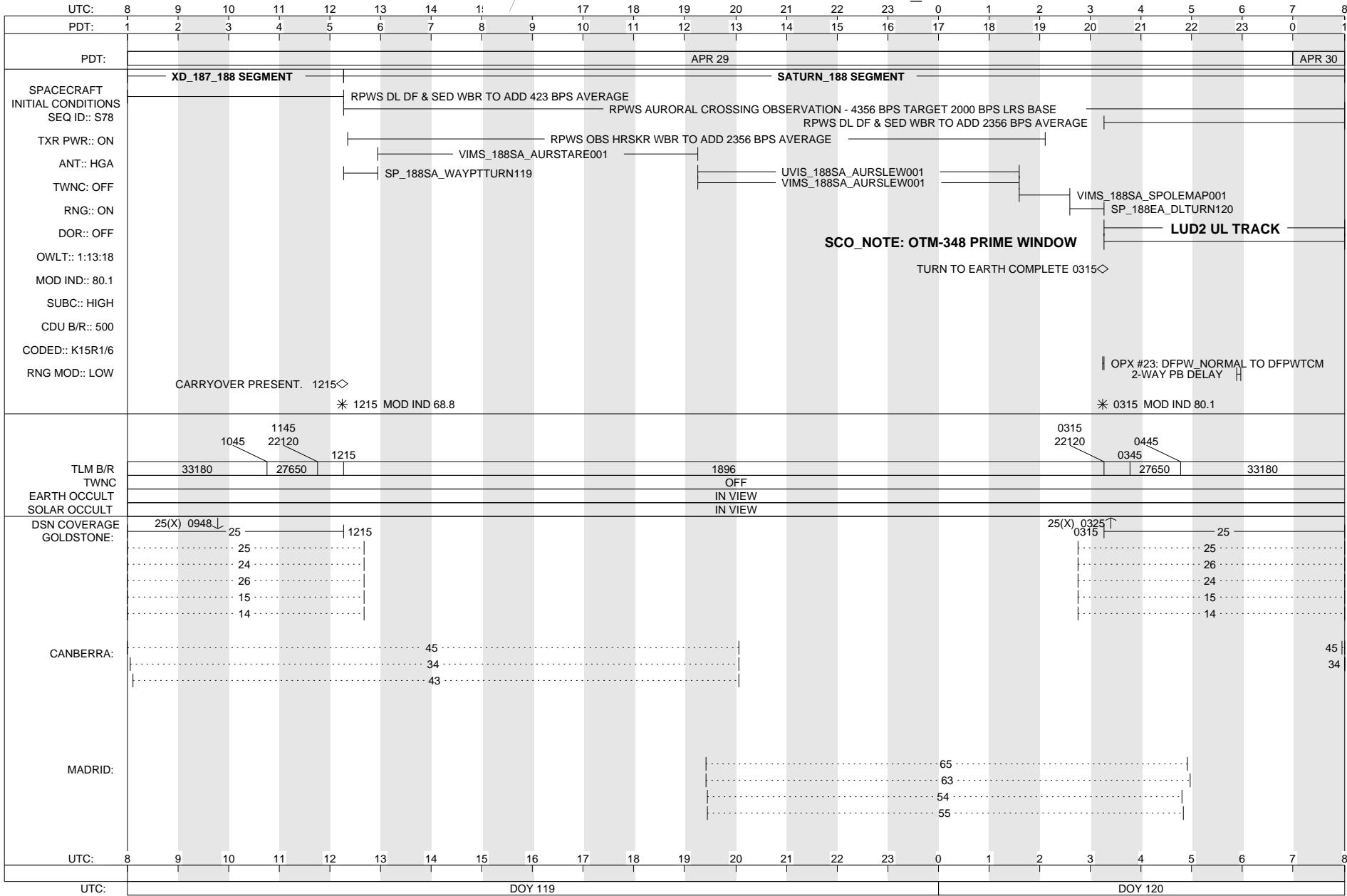
ISSUE DATE: 05/22/13

MONDAY 119-120

APRIL 29, 2013 - APRIL 30, 2013



CASSINI SFOS

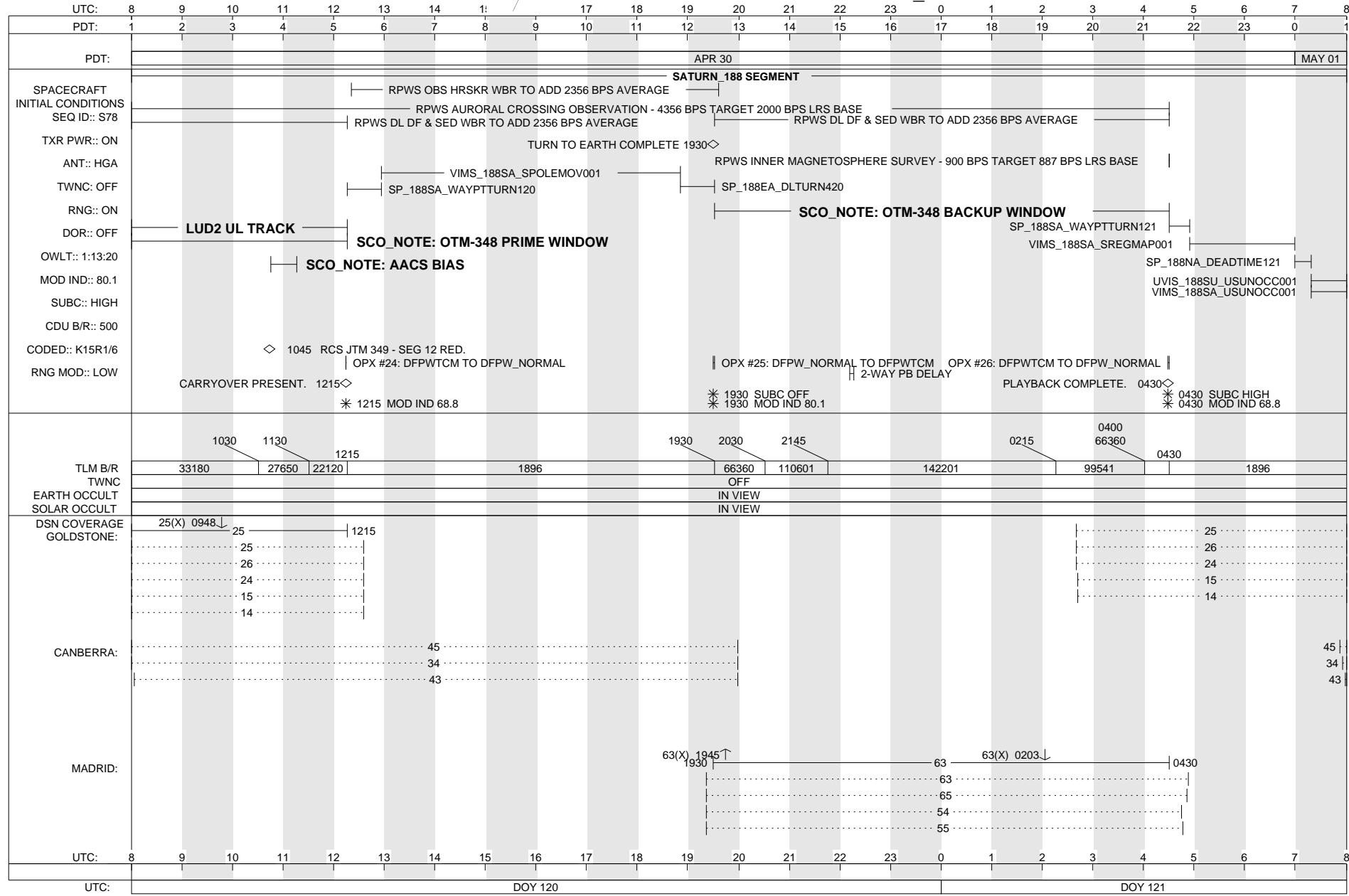
SOE z0780i_full.soe
SFOS z0780i_full.sfos

TUESDAY 120-121

APRIL 30, 2013 - MAY 1, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

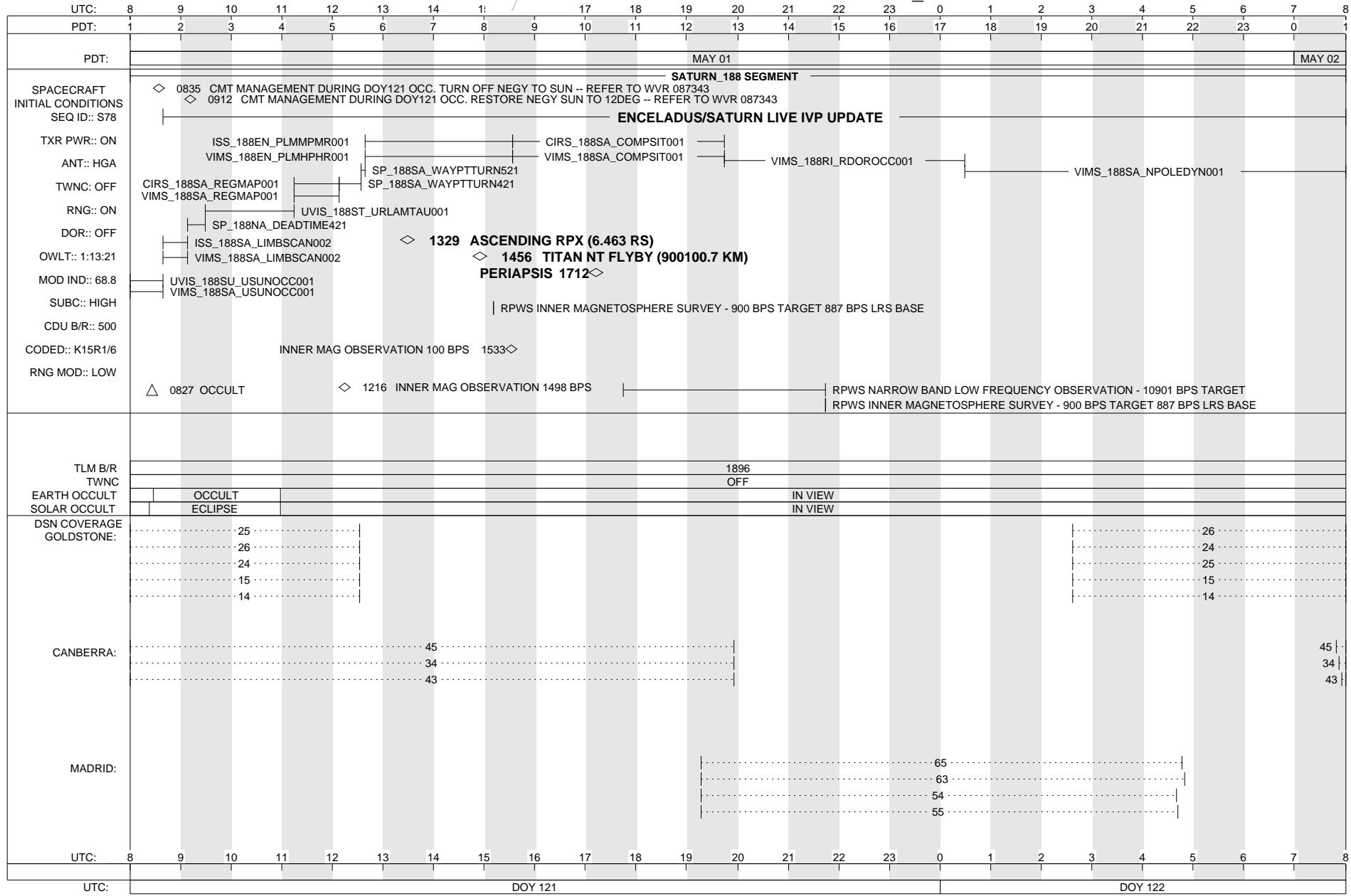
ISSUE DATE: 05/22/13

WEDNESDAY 121-122

MAY 1, 2013 - MAY 2, 2013



CASSINI SFOS

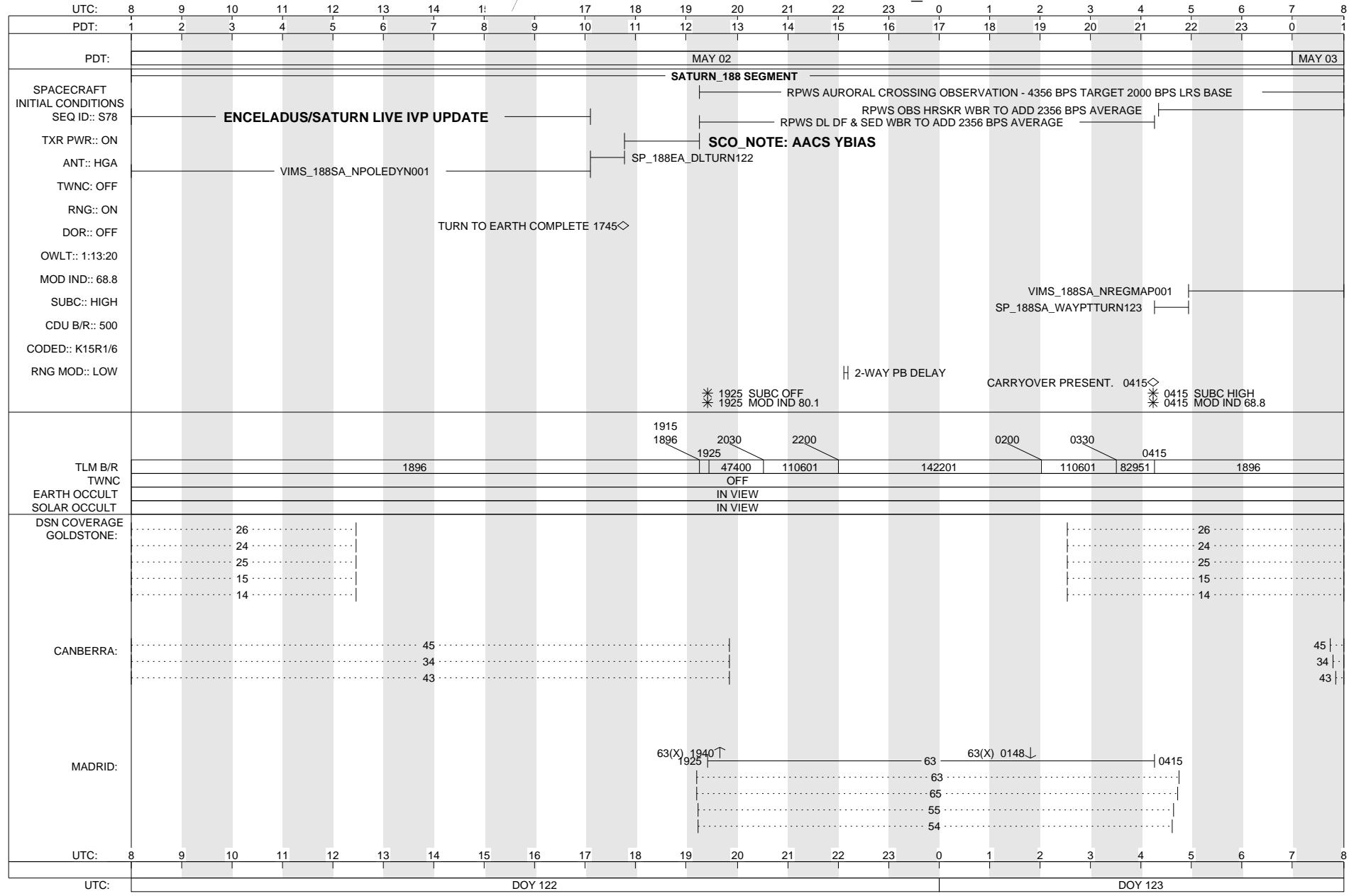
SOE z0780i_full.soe
SFOS z0780i_full.sfos

THURSDAY 122-123

MAY 2, 2013 - MAY 3, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

ISSUE DATE: 05/22/13

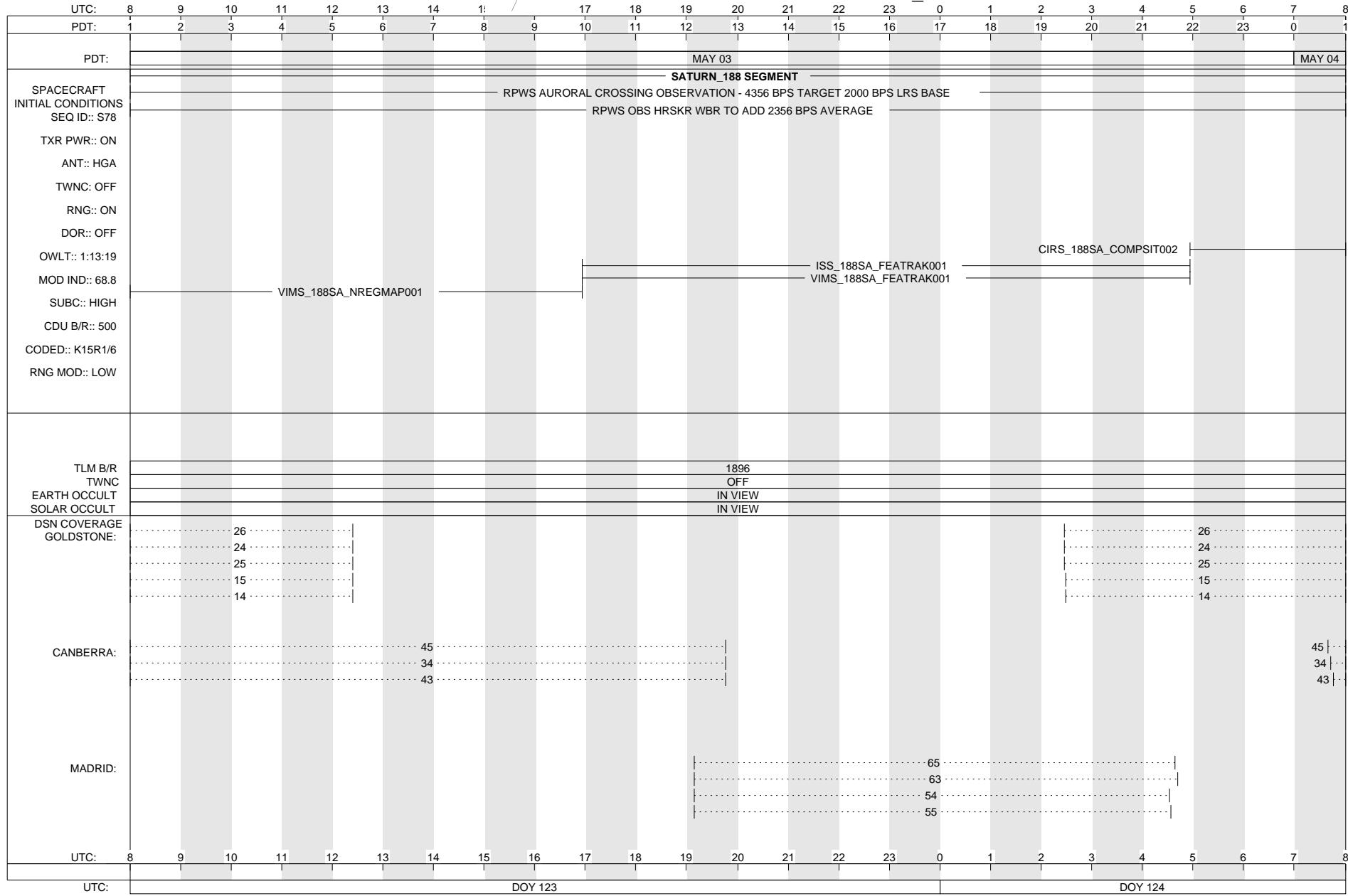
FRIDAY

123-124

MAY 3, 2013 - MAY 4, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

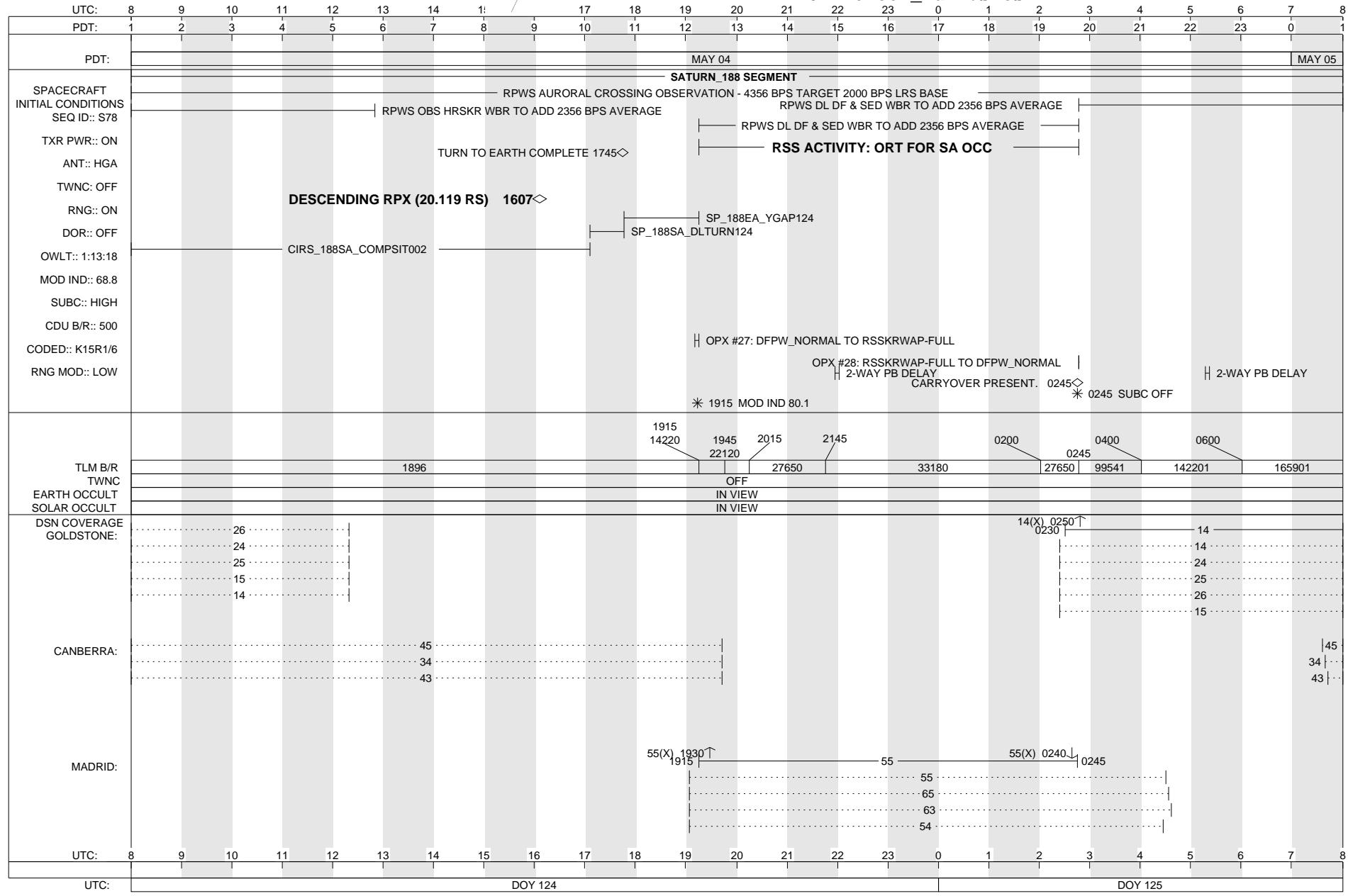
ISSUE DATE: 05/22/13

SATURDAY 124-125

MAY 4, 2013 - MAY 5, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

ISSUE DATE: 05/22/13

SUNDAY

125-126

MAY 5, 2013 - MAY 6, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

PDT: MAY 05 MAY 06

SPACECRAFT INITIAL CONDITIONS SEQ ID:: S78

TXR PWR:: ON

ANT:: HGA

TWNC:: OFF

RNG:: ON

DOR:: OFF

OWLT:: 1:13:19

MOD IND:: 80.1

SUBC:: OFF

CDU B/R:: 500

CODED:: K15R1/6

RNG MOD:: LOW

TLM B/R

EARTH OCCULT

SOLAR OCCULT

DSN COVERAGE GOLDSTONE:

CANBERRA:

MADRID:

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

UTC: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

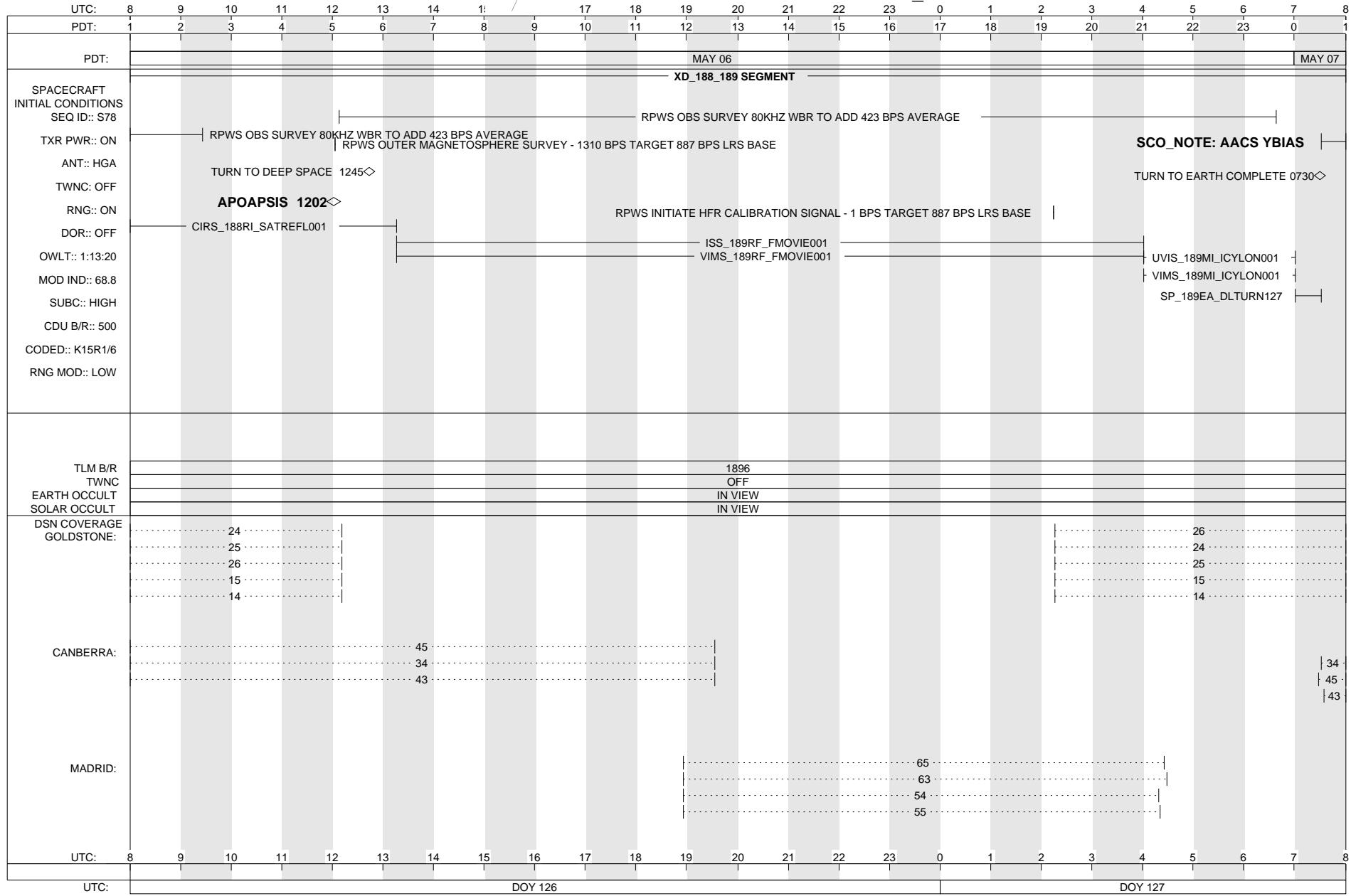
DOY 125 **DOY 126**

MONDAY 126-127

MAY 6, 2013 - MAY 7, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

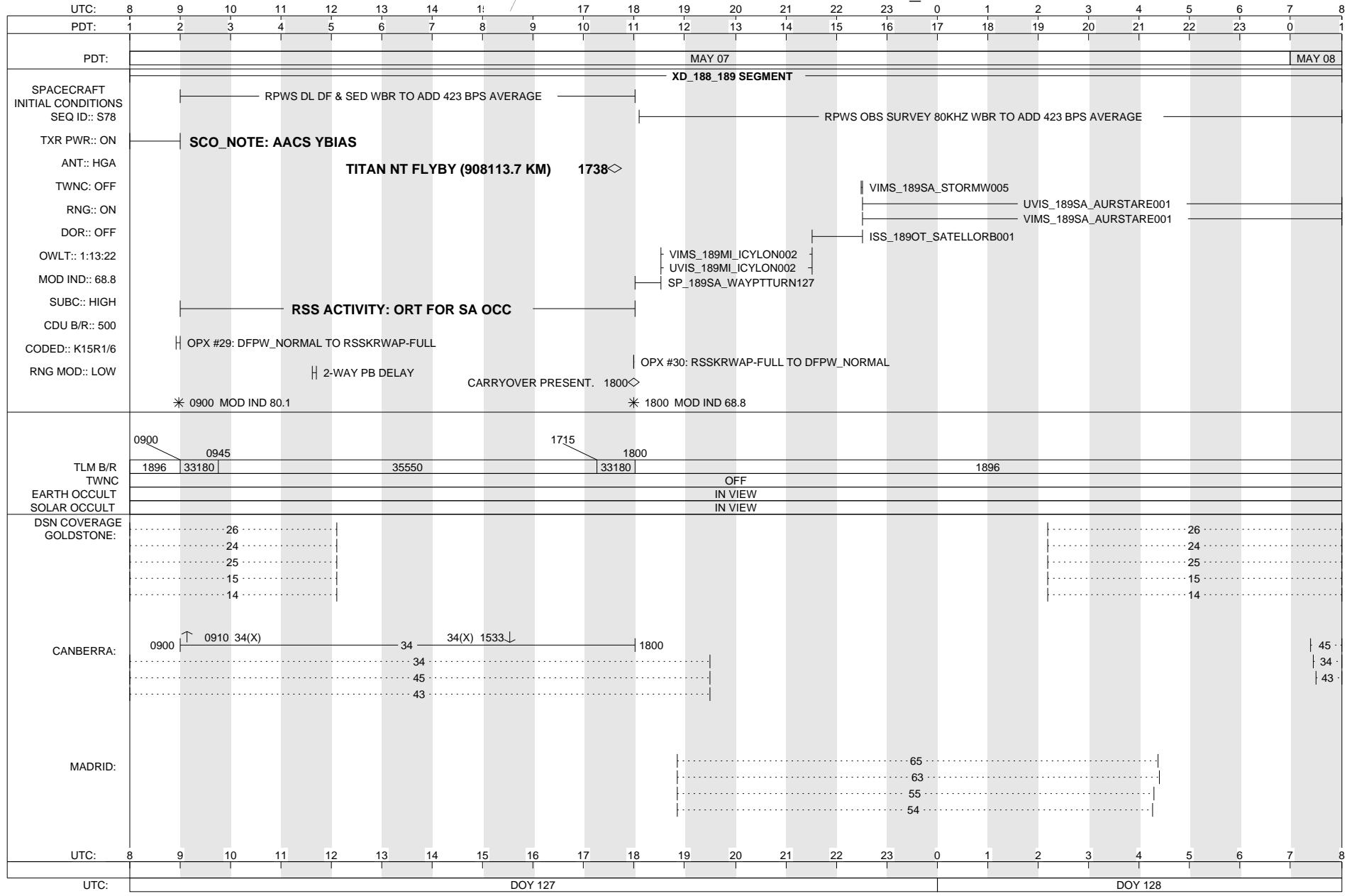
ISSUE DATE: 05/22/13

TUESDAY 127-128

MAY 7, 2013 - MAY 8, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

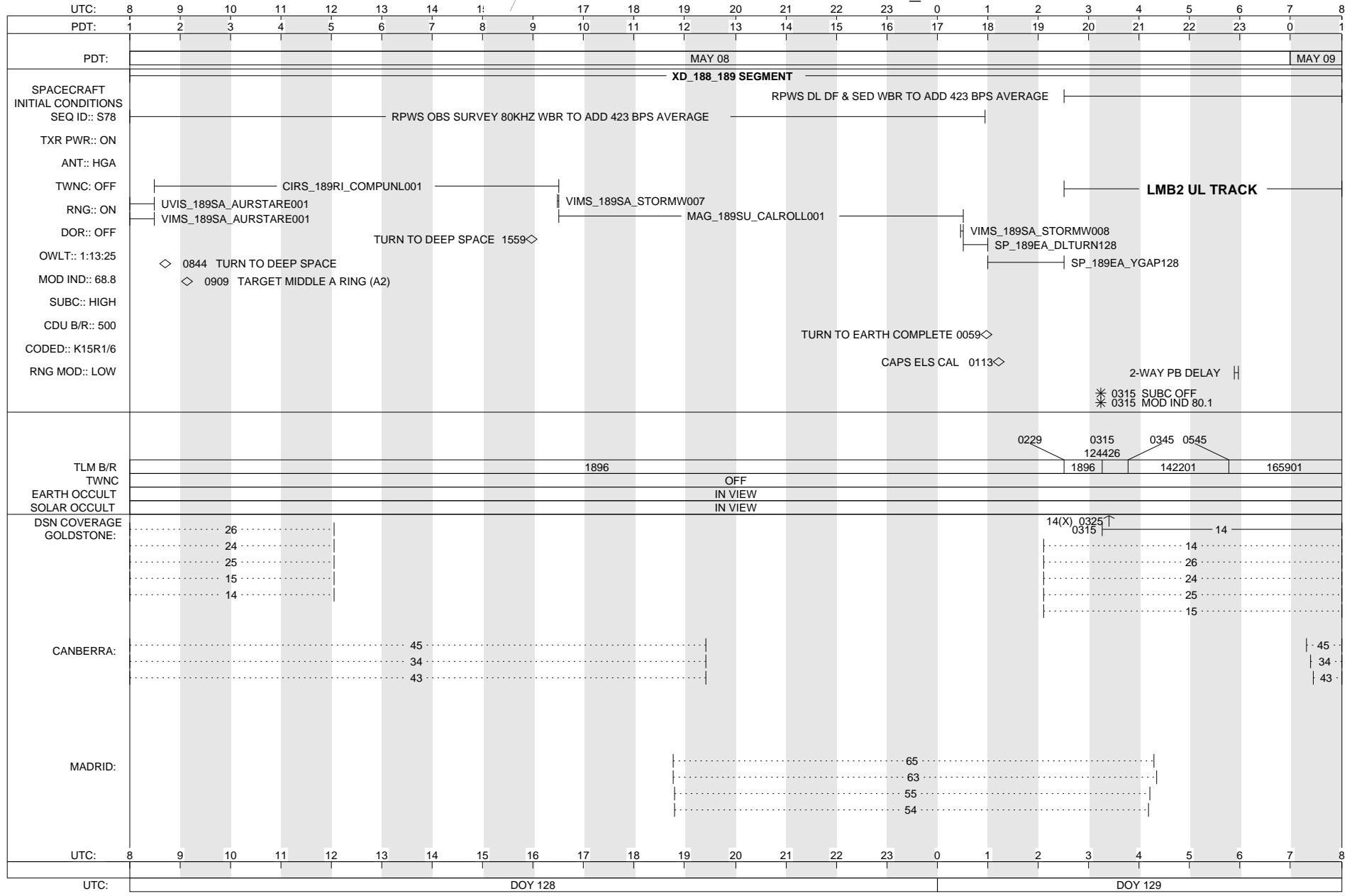
ISSUE DATE: 05/22/13

WEDNESDAY 128-129

MAY 8, 2013 - MAY 9, 2013



CASSINI SFOS

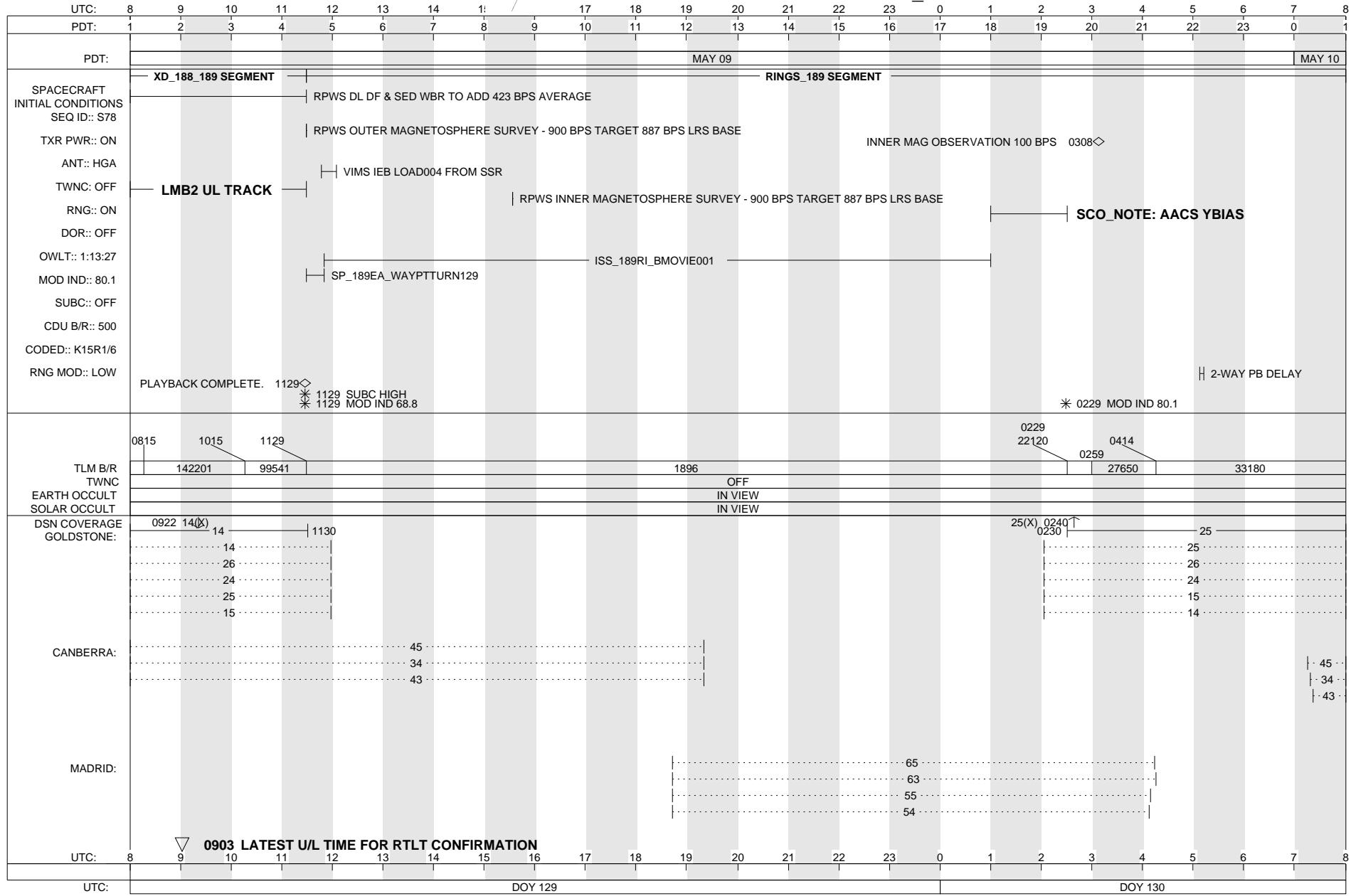
SOE z0780i_full.soe
SFOS z0780i_full.sfos


THURSDAY 129-130

MAY 9, 2013 - MAY 10, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

ISSUE DATE: 05/22/13

FRIDAY

130-131

MAY 10, 2013 - MAY 11, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

UTCTIME: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

PDT: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1

MAY 10 MAY 11

RINGS_189 SEGMENT

SPACECRAFT INITIAL CONDITIONS SEQ ID: S78

TXR PWR:: ON

ANT: HGA

TWNc: OFF

RNG:: ON

DOR:: OFF

OWLTT: 1:13:30

MOD IND: 80.1

SUBC: HIGH

CDU B/R:: 500

CODED:: K15R1/6

RNG MOD:: LOW

CARRYOVER PRESENT. 1129◊
* 1129 MOD IND 68.8

PDT: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

RSS SATURN OCCULTATION LMB

RSS ACTIVITY: SA RING OCC PERIAPSIS 0650◊

RSS ACTIVITY: SA INGRESS ATM OCC

OCCULT 2209△

2-WAY PB DELAY

INNER MAG OBSERVATION 1498 BPS 0238◊

INNER MAG OBSERVATION 100 BPS 0408◊

OPX #31: DFPW_NORMAL TO RSSKRWAP-FULL
OPX #32: RSSKRWAP-FULL TO RSS3RWAS

OPX #33: RSS3RWAS TO DFPW_NORMAL

ASCENDING RPX (6.459 RS) 0308◊

* 2020 RNG OFF
* 2020 MOD IND 0

* 0138 RNG ON
* 0138 MOD IND 68.8

TLM B/R 0944 1044 1129 2020 0138

TWNC 33180 27650 22120 1896 1896

EARTH OCCULT 1896 OFF 0

SOLAR OCCULT IN VIEW IN VIEW OCCULT ECLIPSE IN VIEW IN VIEW

DSN COVERAGE 0919 25(X) 25 1130 24 25 26 24 15 14 45(X) 1753↑ 45(X) 1853↓ 1740 45 1910 24 25 26 15 14 45 34 43 45 34 43 45 34 43

GOLDSTONE: 25 26 24 15 14 45(X) 1753↑ 45(X) 1853↓ 1740 45 1910 24 25 26 15 14 45 34 43

CANBERRA: 45 34 43 63(X) 1902↑ 1840 63 63(X) 2311↓ 1950 55 0210 63 55 65 54

MADRID: 63(X) 1902↑ 1840 63 63(X) 2311↓ 1950 55 0210 63 55 65 54

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

DOY 130

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

DOY 131

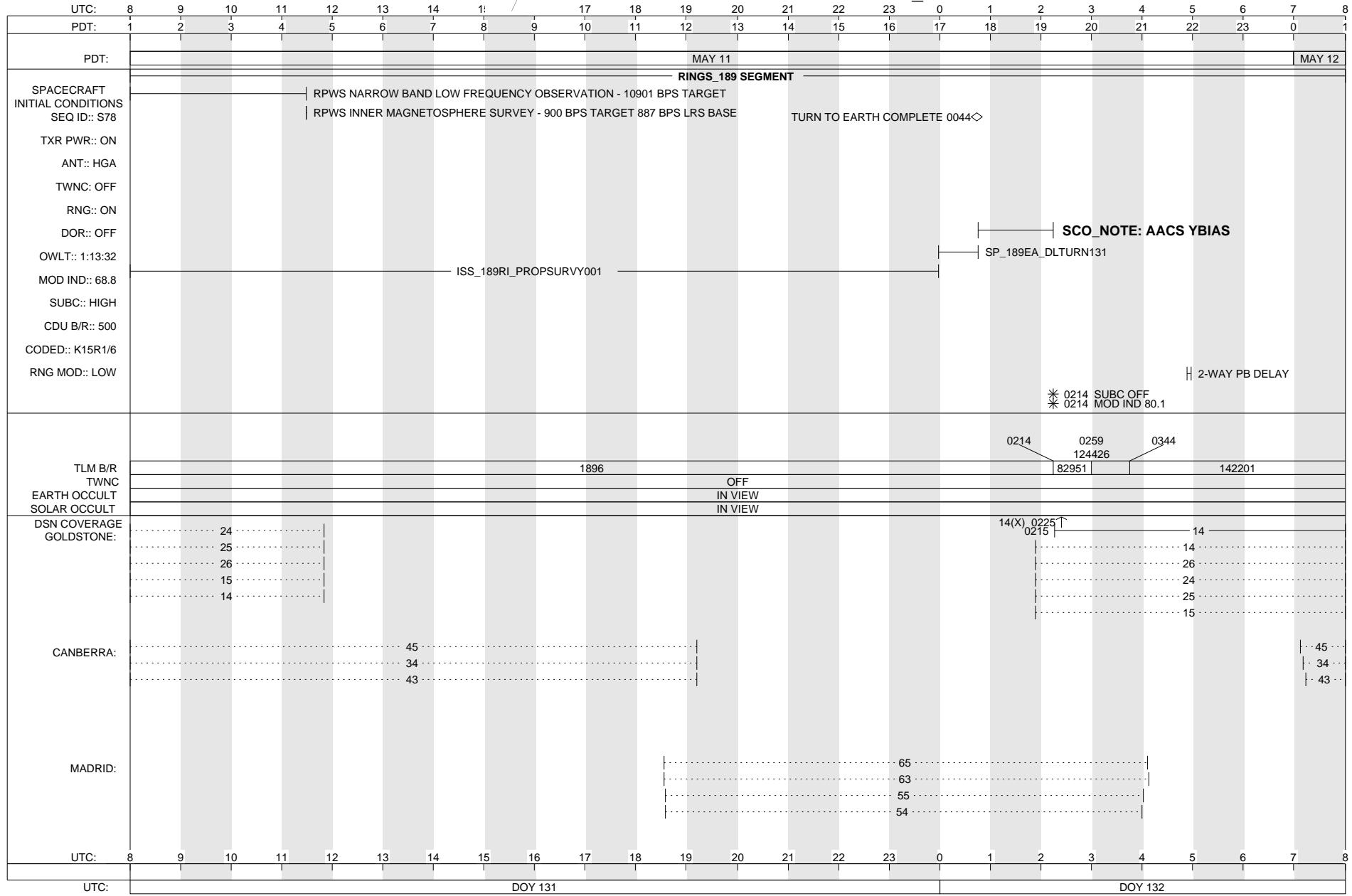
ISSUE DATE: 05/22/13

SATURDAY 131-132

MAY 11, 2013 - MAY 12, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

ISSUE DATE: 05/22/13

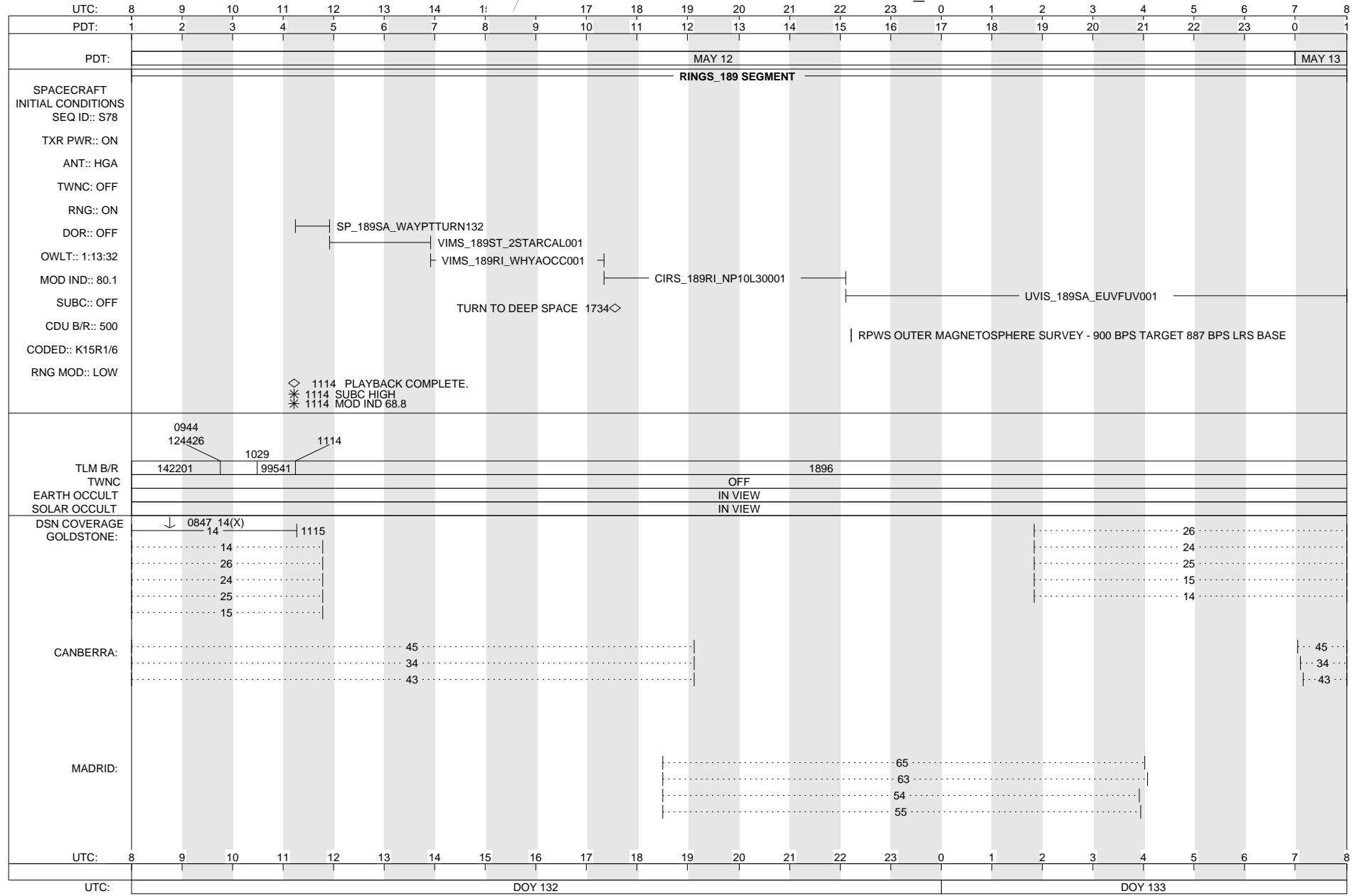
SUNDAY

132-133

MAY 12, 2013 - MAY 13, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos


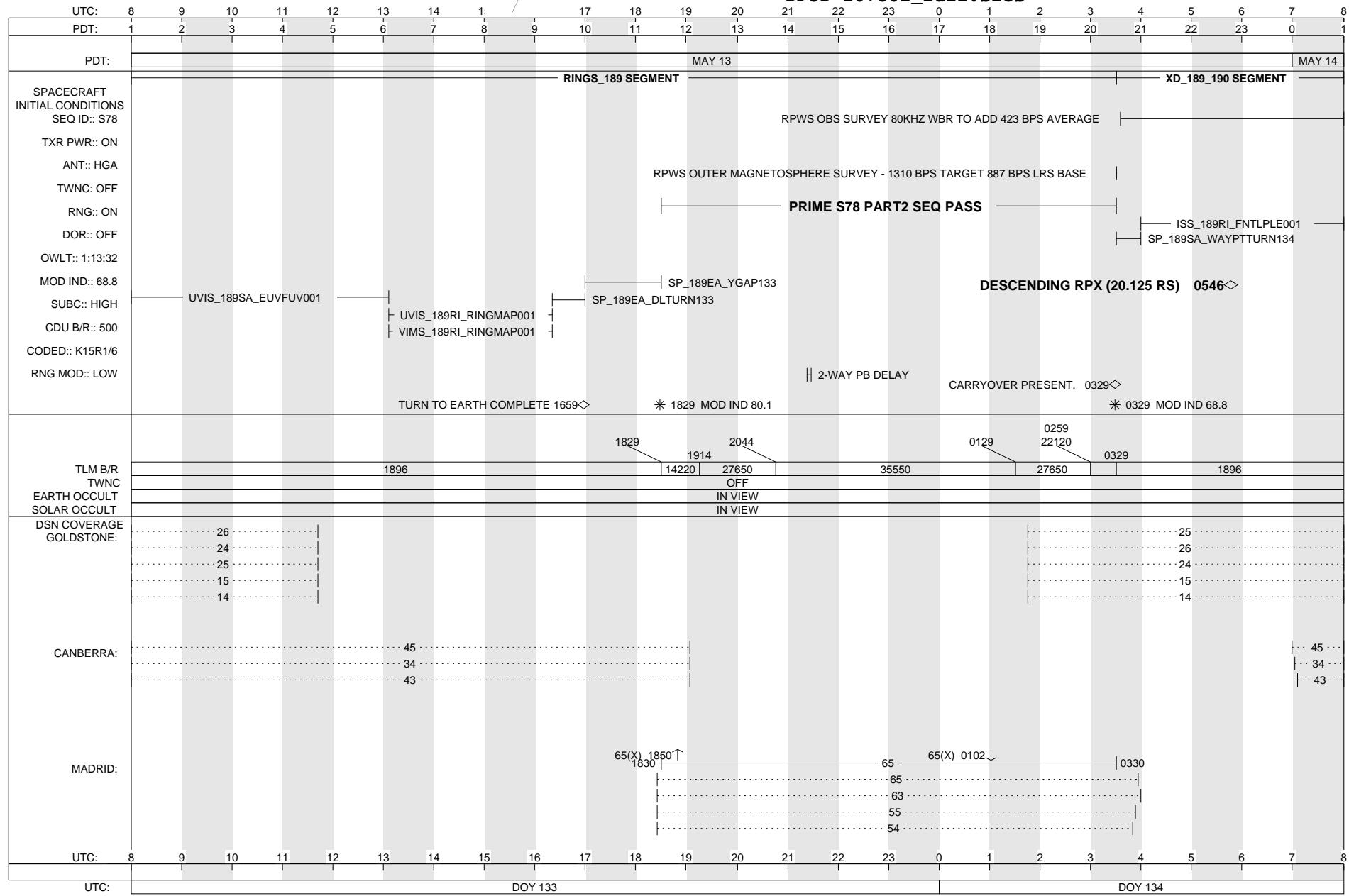
ISSUE DATE: 05/22/13

MONDAY 133-134

MAY 13, 2013 - MAY 14, 2013



CASSINI SFOS

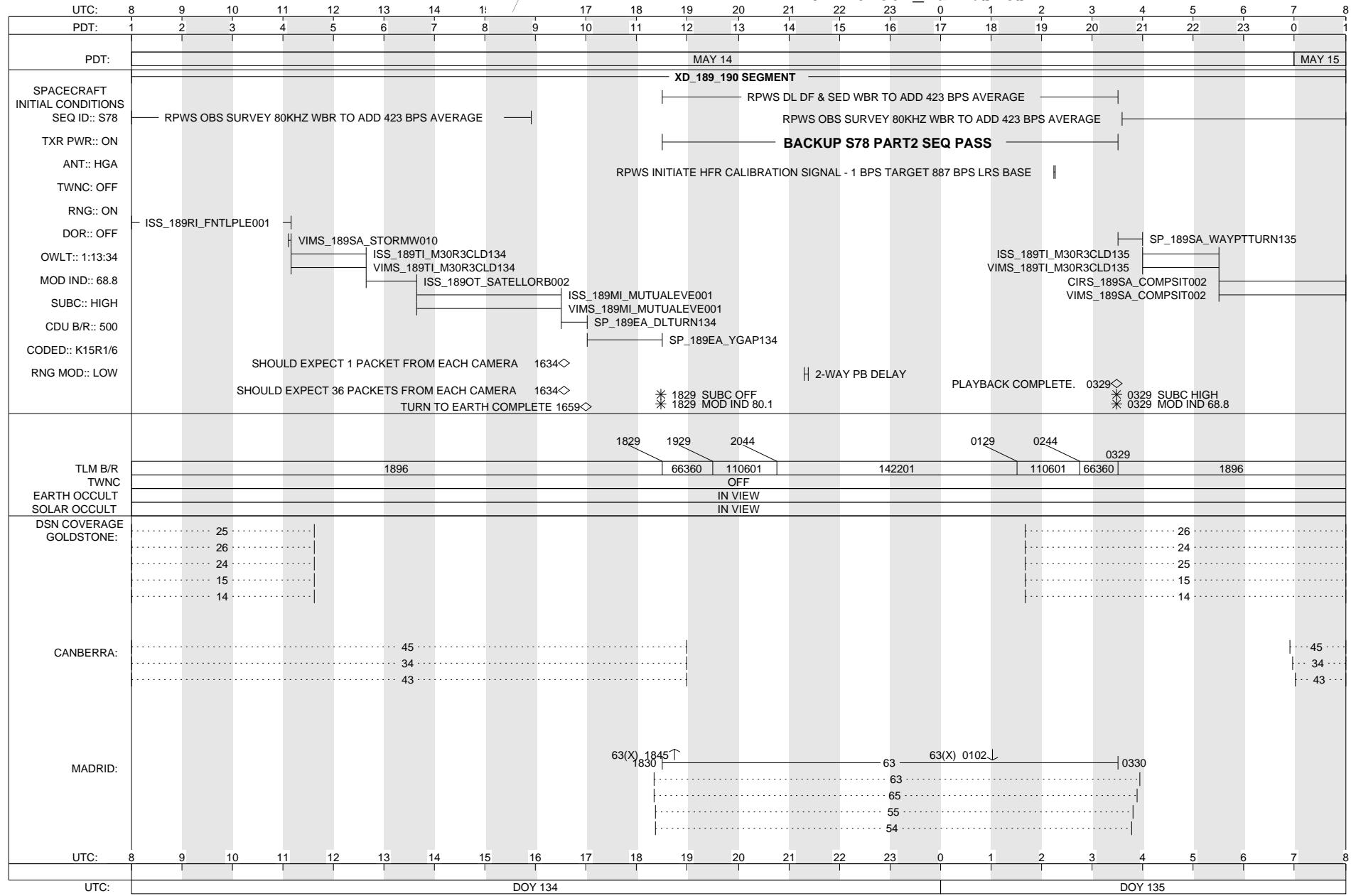
SOE z0780i_full.soe
SFOS z0780i_full.sfos

TUESDAY 134-135

MAY 14, 2013 - MAY 15, 2013



CASSINI SFOS

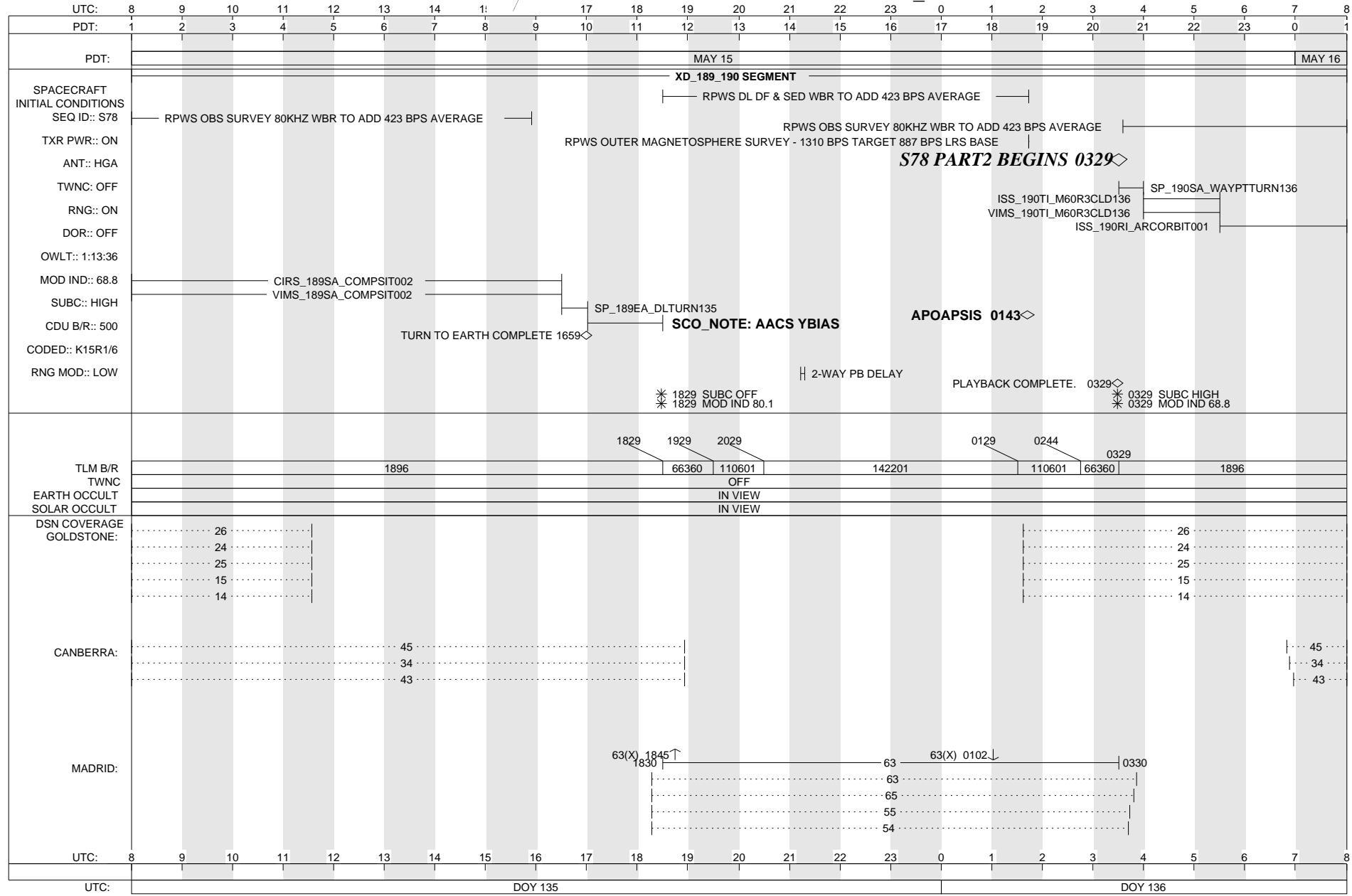
SOE z0780i_full.soe
SFOS z0780i_full.sfos

WEDNESDAY 135-136

MAY 15, 2013 - MAY 16, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

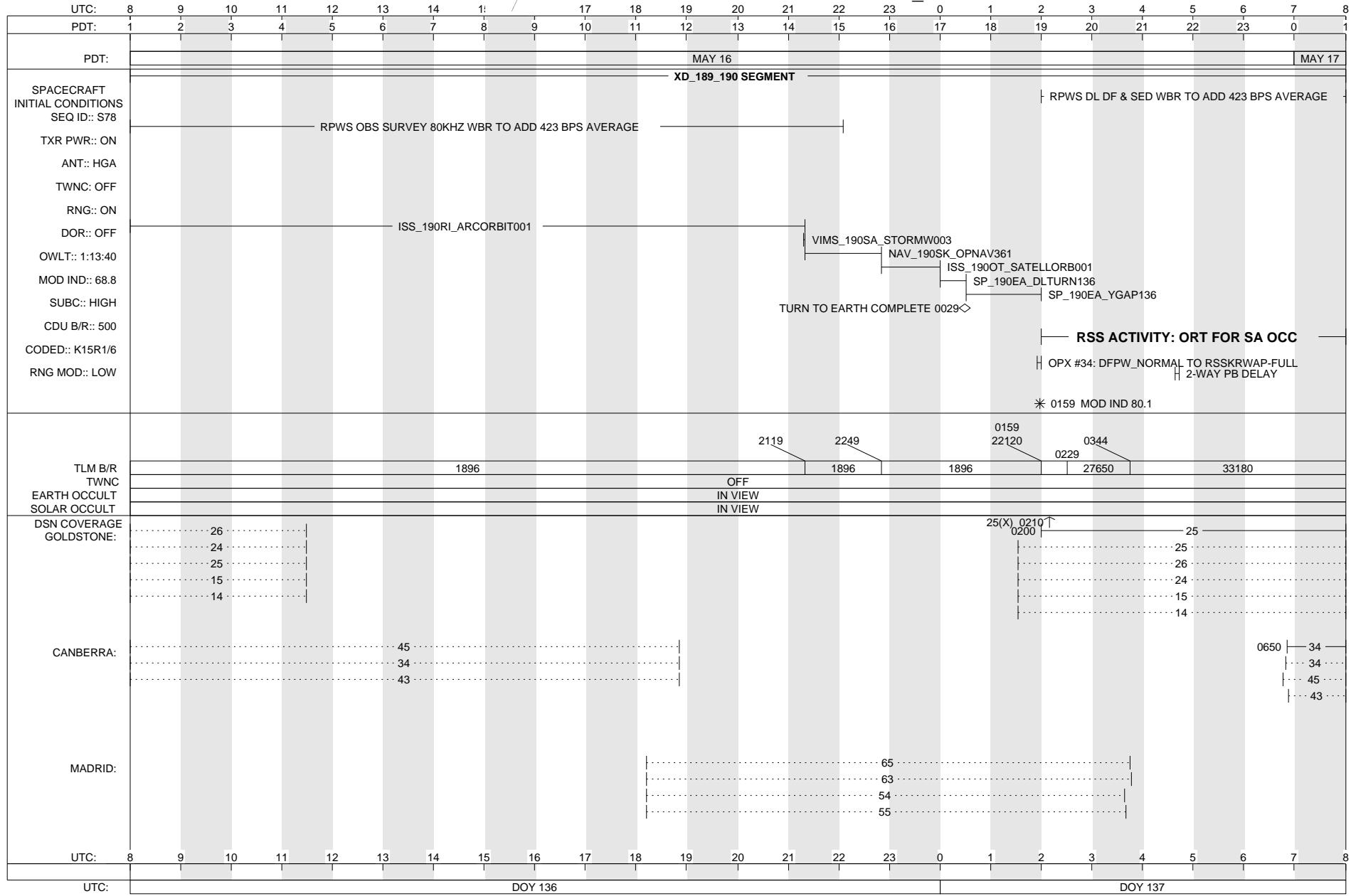
ISSUE DATE: 05/22/13

THURSDAY 136-137

MAY 16, 2013 - MAY 17, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

ISSUE DATE: 05/22/13

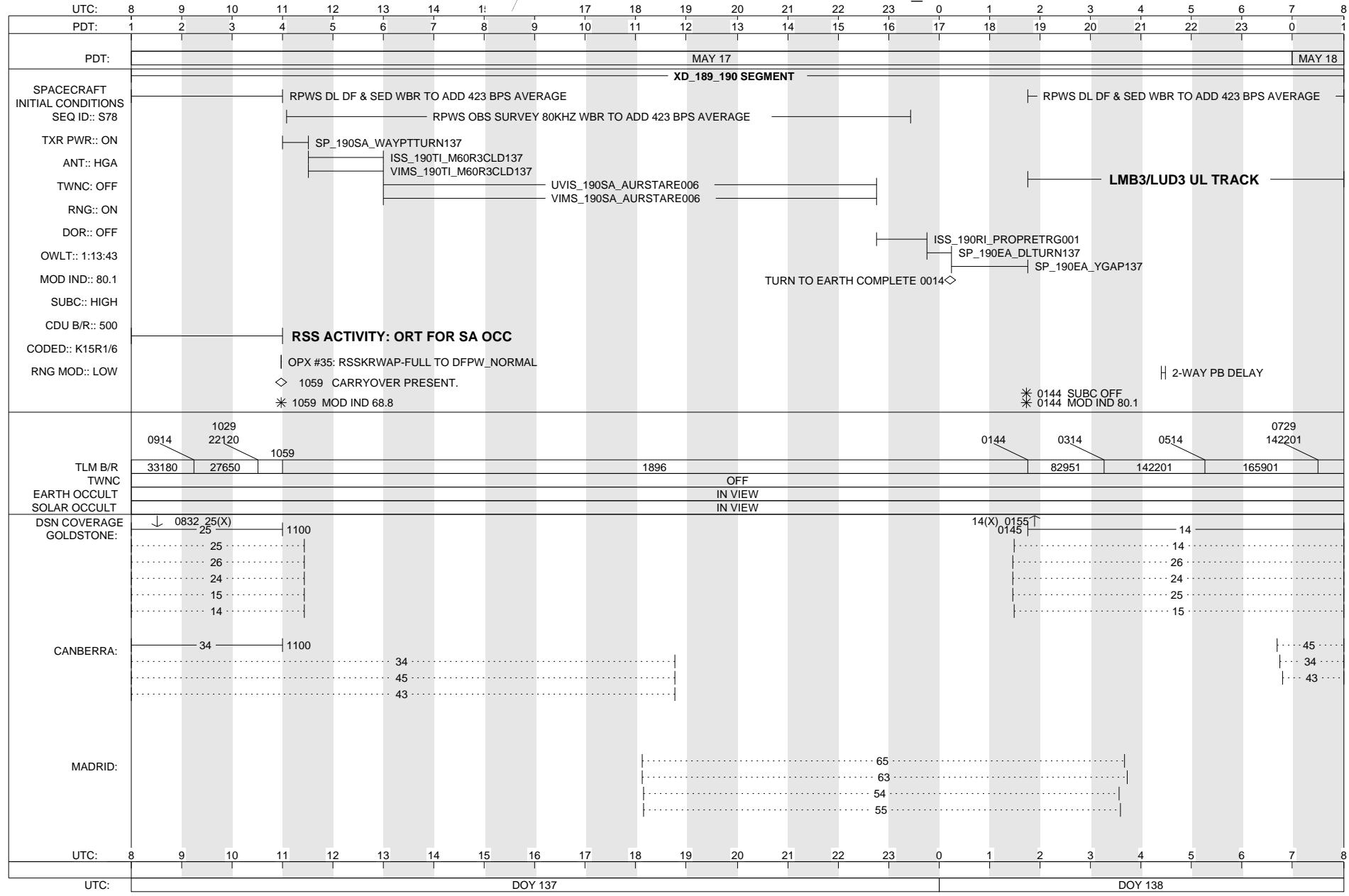
FRIDAY

137-138

MAY 17, 2013 - MAY 18, 2013



CASSINI SFOS

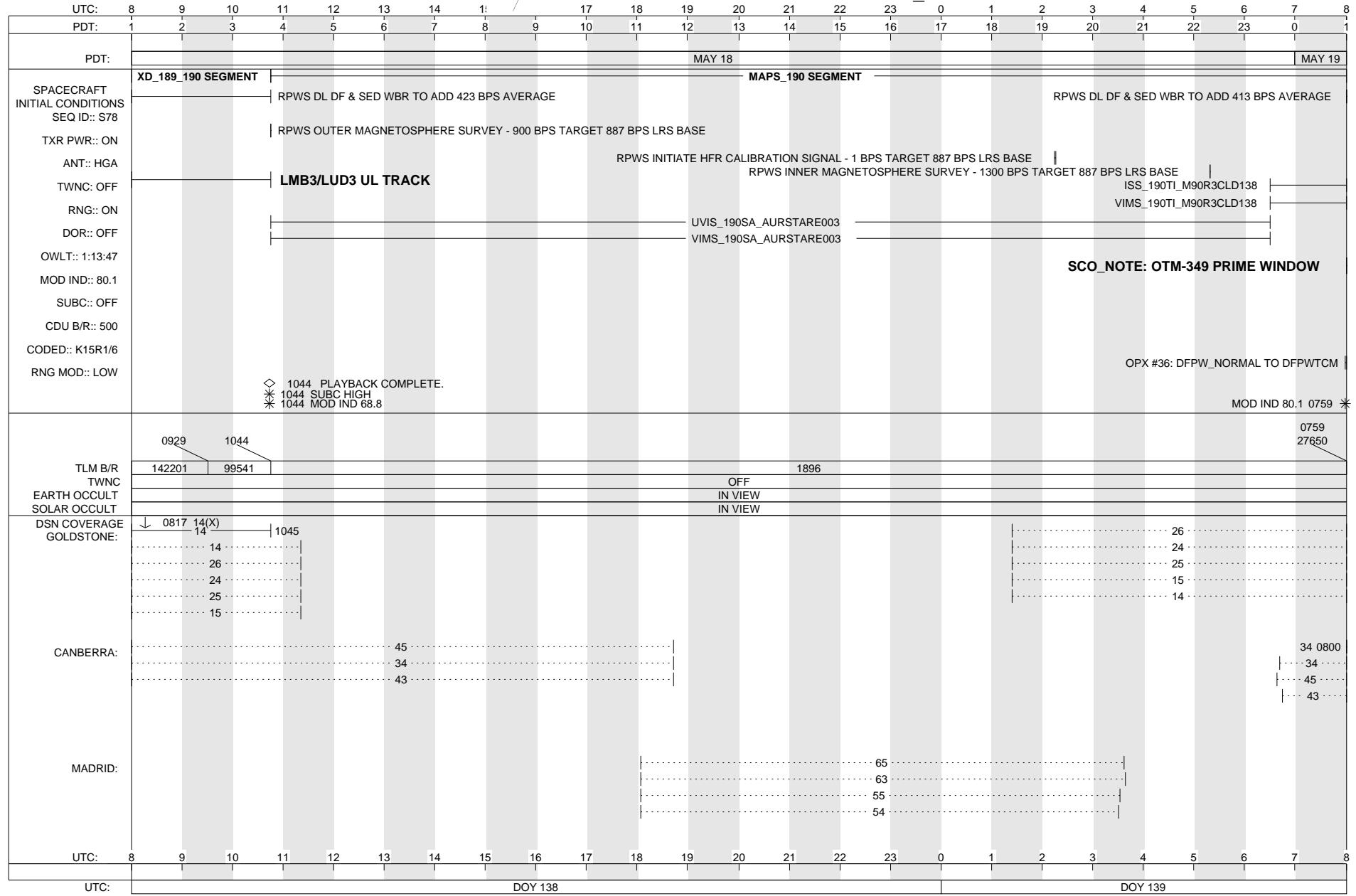
SOE z0780i_full.soe
SFOS z0780i_full.sfos

SATURDAY 138-139

MAY 18, 2013 - MAY 19, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

ISSUE DATE: 05/22/13

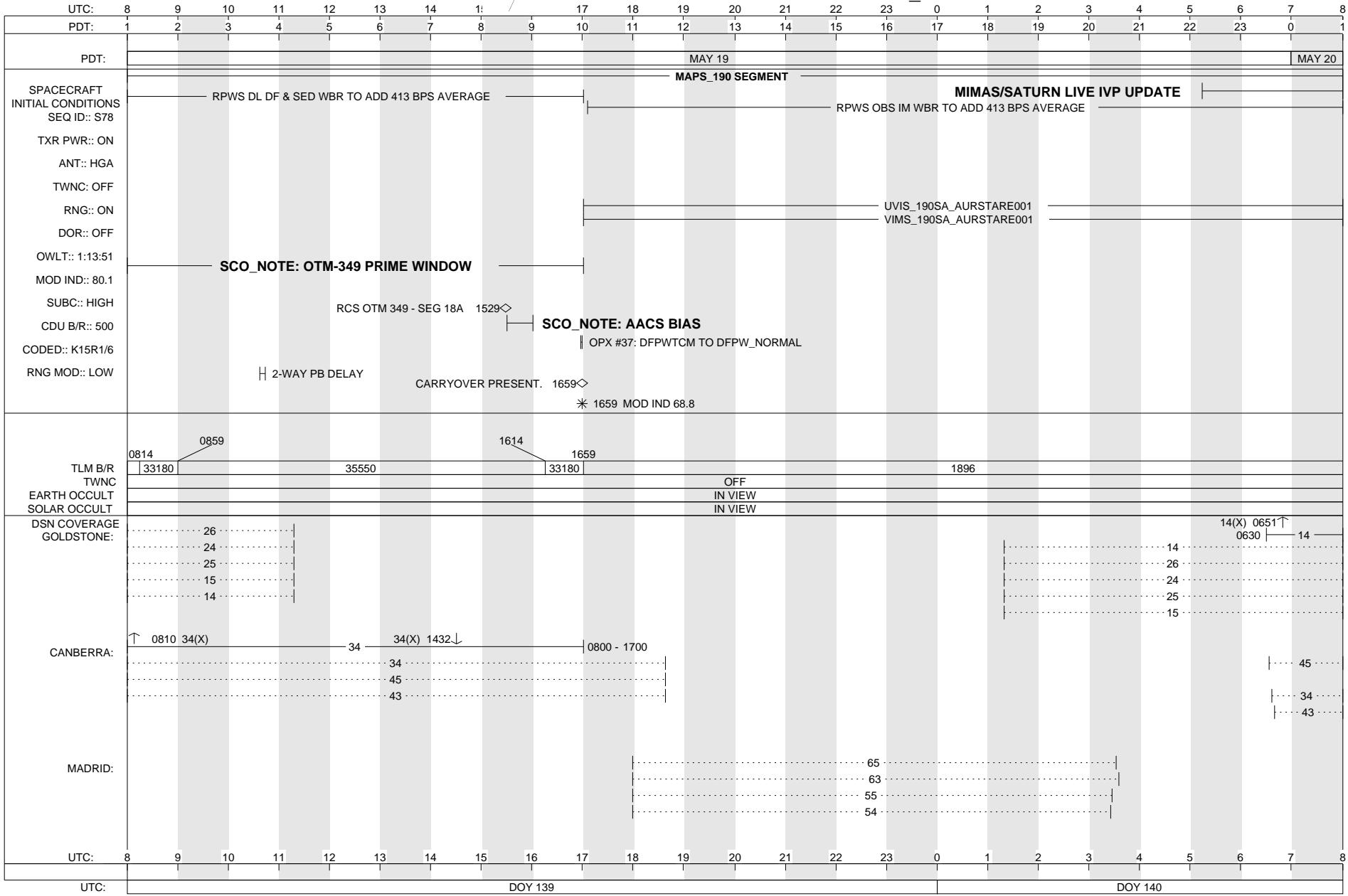
SUNDAY

139-140

MAY 19, 2013 - MAY 20, 2013



CASSINI SFOS

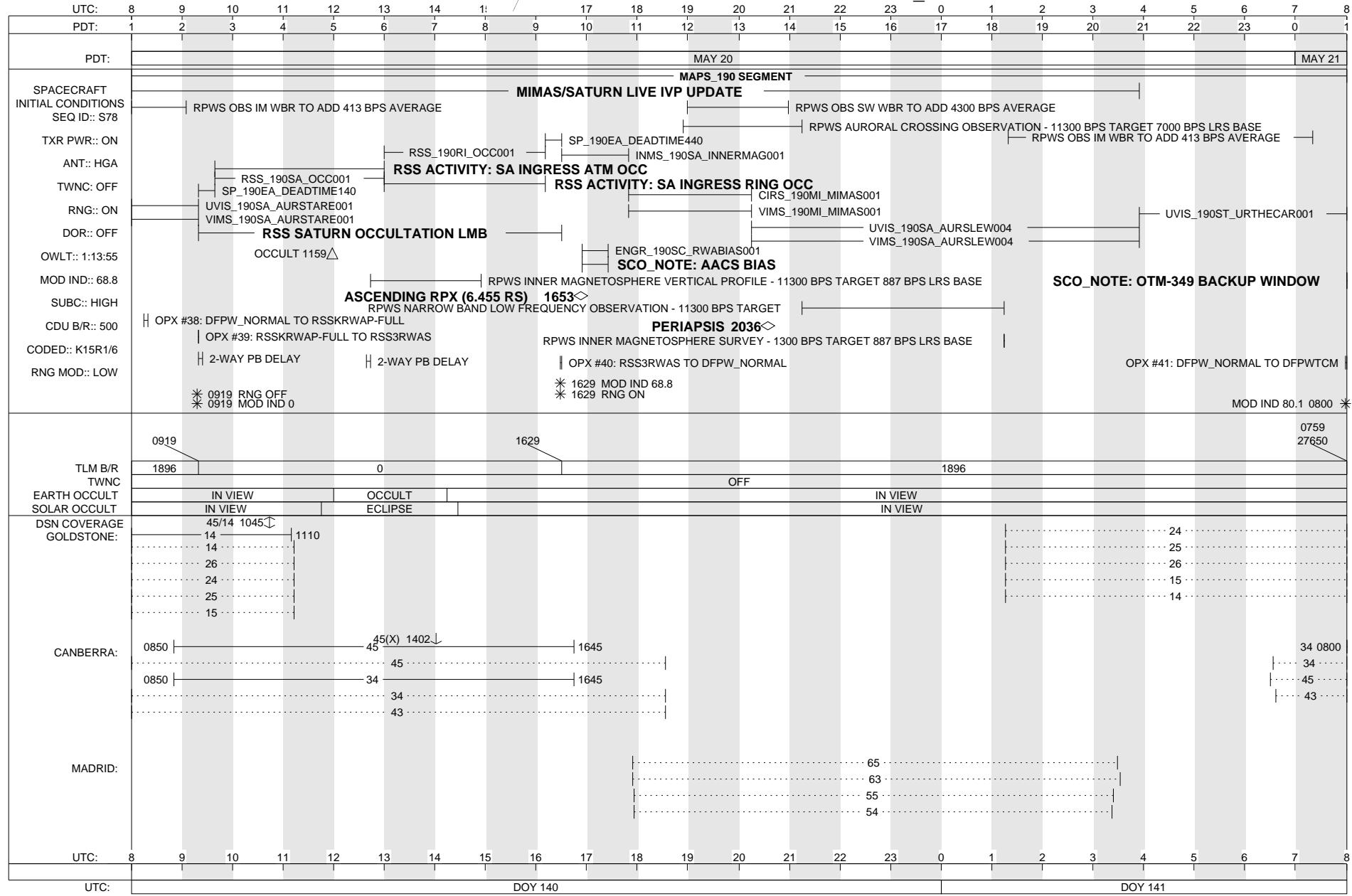
SOE z0780i_full.soe
SFOS z0780i_full.sfos

MONDAY 140-141

MAY 20, 2013 - MAY 21, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

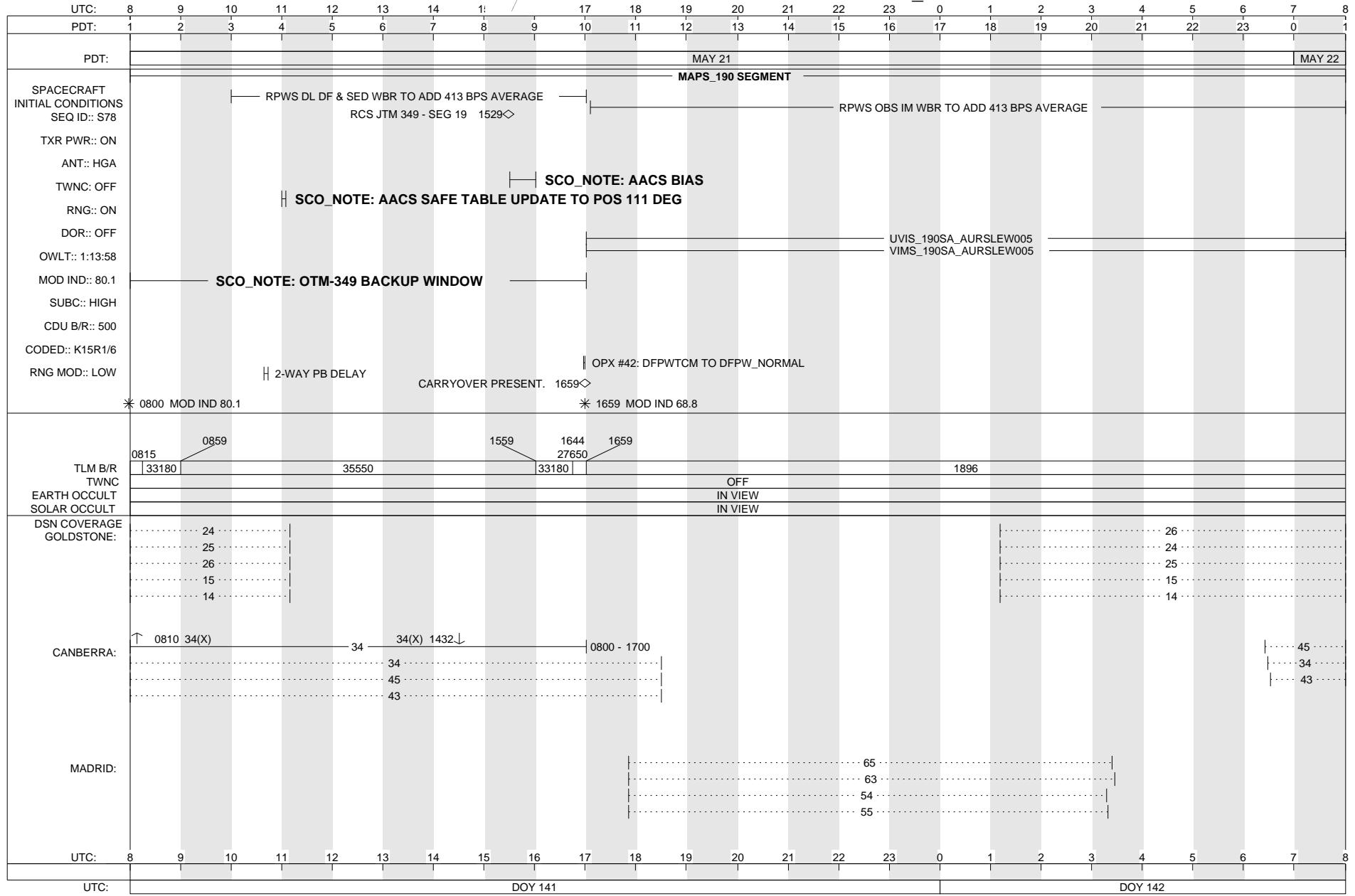
ISSUE DATE: 05/22/13

TUESDAY 141-142

MAY 21, 2013 - MAY 22, 2013



CASSINI SFOS

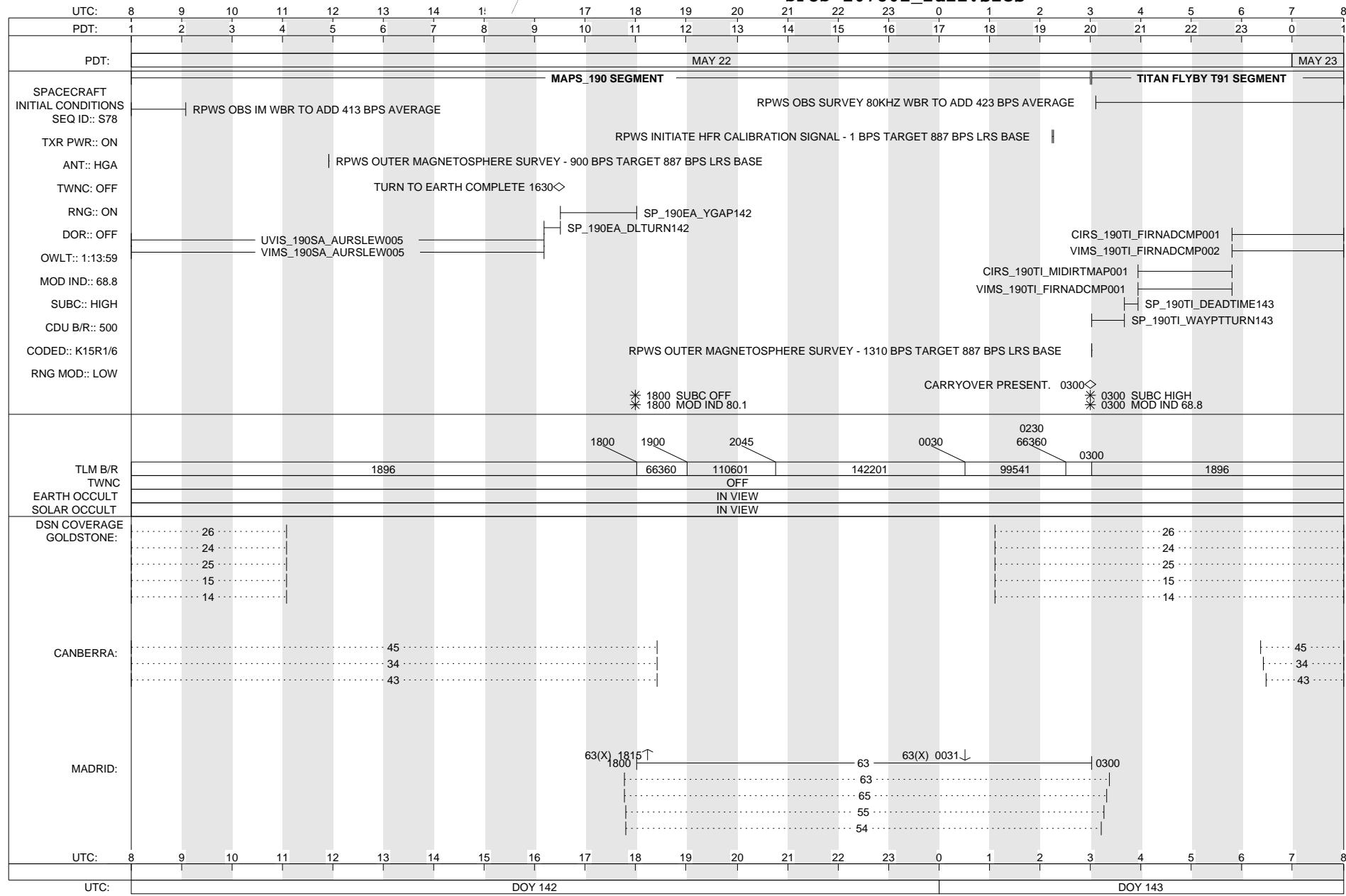
SOE z0780i_full.soe
SFOS z0780i_full.sfos

WEDNESDAY 142-143

MAY 22, 2013 - MAY 23, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

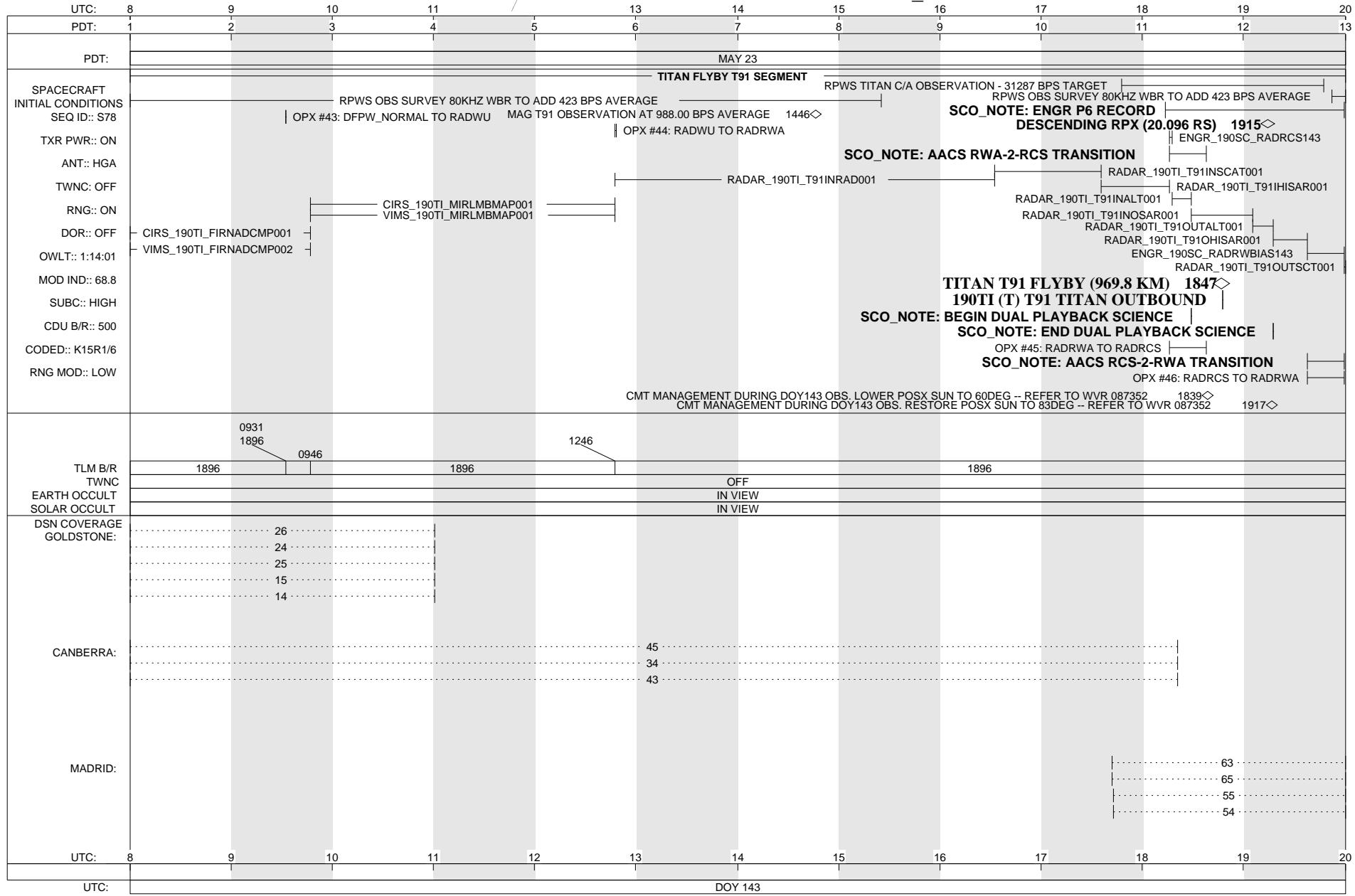
ISSUE DATE: 05/22/13

THURSDAY 143

MAY 23, 2013 - MAY 23, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

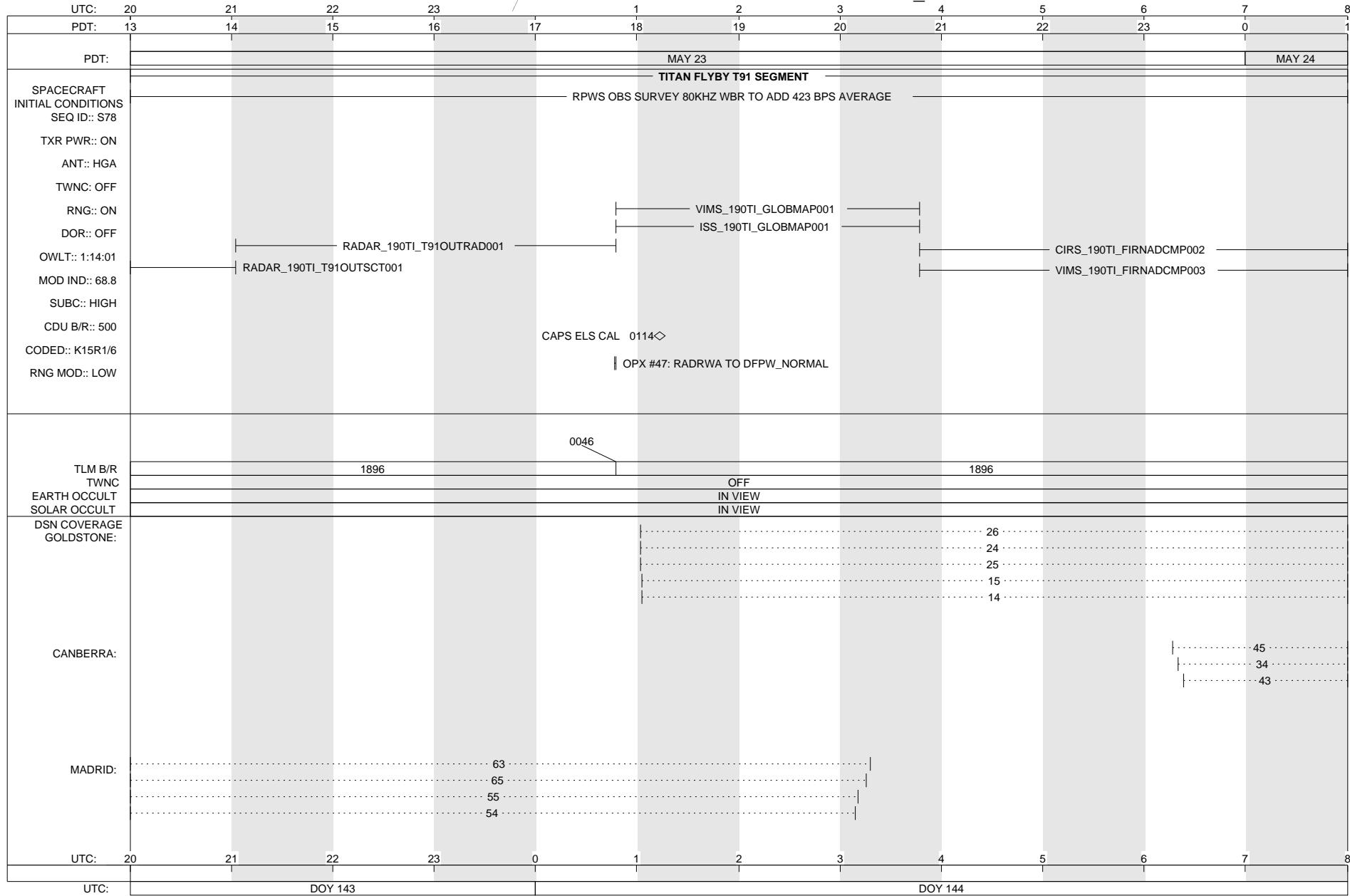
ISSUE DATE: 05/22/13

THURSDAY 143-144

MAY 23, 2013 - MAY 24, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

ISSUE DATE: 05/22/13

FRIDAY

144-145

MAY 24, 2013 - MAY 25, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

TITAN FLYBY T91 SEGMENT

PDT: MAY 24 MAY 25

SPACECRAFT INITIAL CONDITIONS
SEQ ID:: S78

TXR PWR:: ON

ANT:: HGA

TWNC:: OFF

RNG:: ON

DOR:: OFF

OWL:: 1:14:04

MOD IND:: 68.8

SUBC:: HIGH

CDU B/R:: 500

CODED:: K15R1/6

RNG MOD:: LOW

PDT: RPWS OBS SURVEY 80KHZ WBR TO ADD 423 BPS AVERAGE RPWS DL DF & SED WBR TO ADD 423 BPS AVERAGE RPWS OBS SURVEY 80KHZ WBR TO ADD 423 BPS AVERAGE

SCC_NOTE: ENGR P6 PLAYBACK

MAG ROLLING DOWNLINK CAL

SP_190EA_DLTURN144

SP_190TI_DEADTIME144

VIMS_190TI_FIRNADCMP004

CIRS_190TI_MIDIRTMAP002

CIRS_190TI_FIRNADCMP002

VIMS_190TI_FIRNADCMP003

SCO_NOTE: POINTER RESET FOR T91 HIGH VALUE DUAL PLAYBACK

VIMS_190TI_CLOUDMAP001

SP_190TI_WAYPTTURN145

ISS_190TI_CLOUD001

2-WAY PB DELAY

CARRYOVER PRESENT. 0245

CARRYOVER PRESENT. 0445

*** 0445 SUBC HIGH**

*** 0445 MOD IND 68.8**

TLM B/R

TWNC

EARTH OCCULT

SOLAR OCCULT

DSN COVERAGE GOLDSTONE:

- 1896
- 1745
- 1845
- 2000
- 47400
- 110601
- OFF
- 142201
- 0045
- 0200
- 0245
- 0445
- 110601
- 82951
- 142201
- 1896

CANBERRA:

- 45
- 34
- 43

MADRID:

- 63(X) 1805↑
- 1745
- 63
- 63
- 65
- 55
- 54
- 63(X) 0216↓
- 0245

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

DOY 144

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

DOY 145

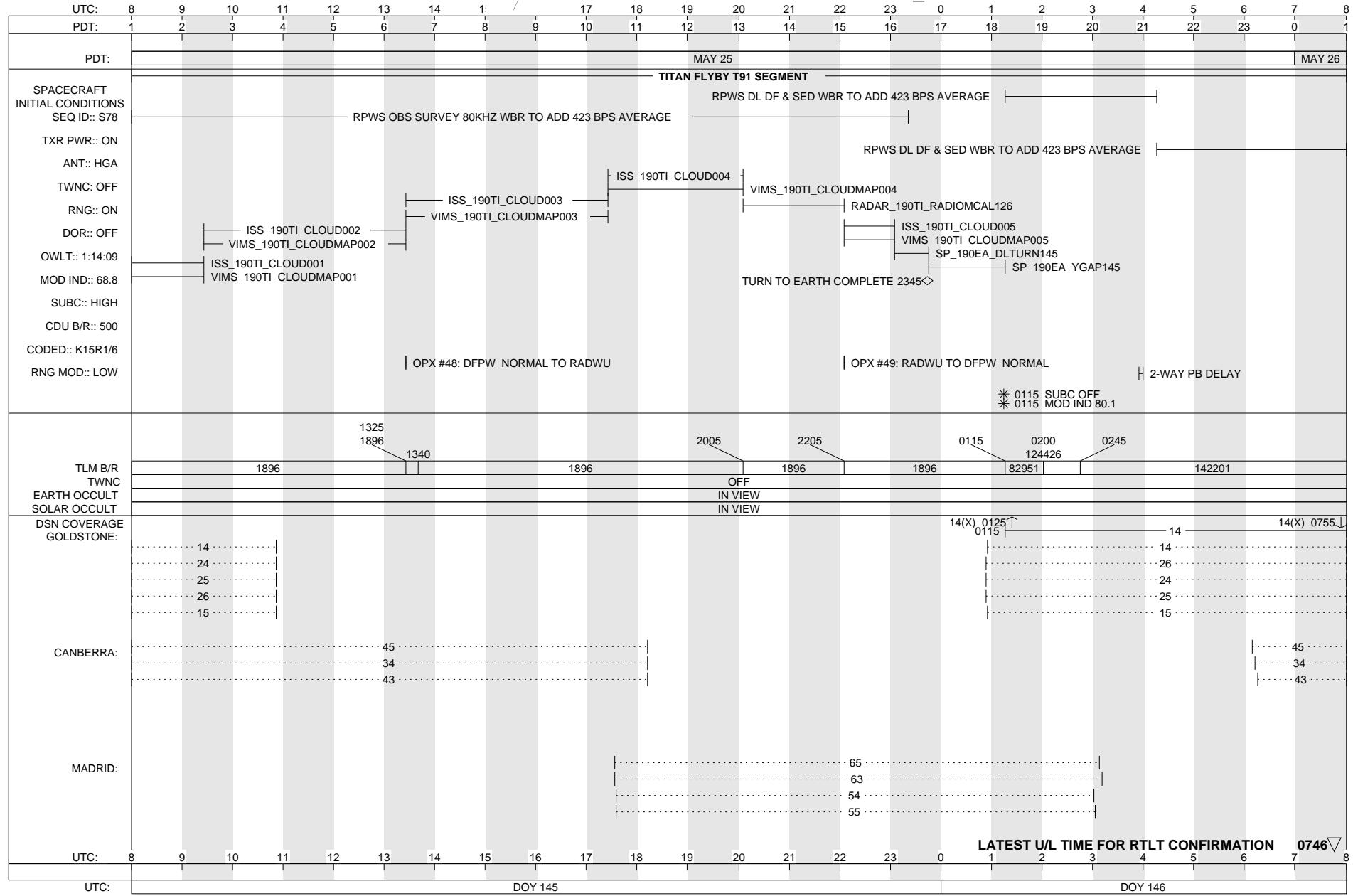
ISSUE DATE: 05/22/13

SATURDAY 145-146

MAY 25, 2013 - MAY 26, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

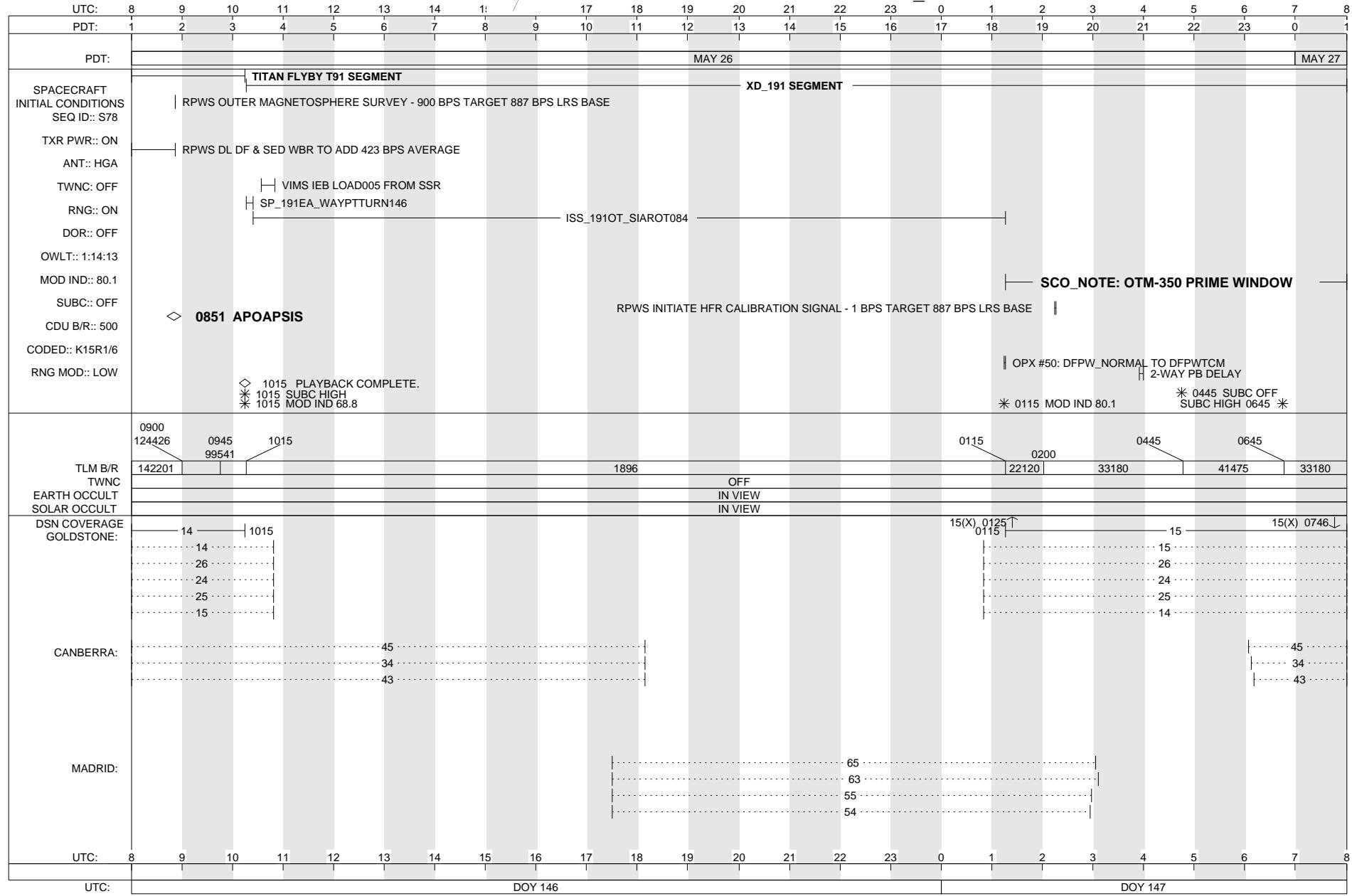
SUNDAY

146-147

MAY 26, 2013 - MAY 27, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos


MONDAY 147-148

MAY 27, 2013 - MAY 28, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

SPACECRAFT INITIAL CONDITIONS SEQ ID:: S78

TXR PWR:: ON

ANT:: HGA

TWNC:: OFF

RNG:: ON

DOR:: OFF

OWLT:: 1:14:18

MOD IND:: 80.1

SUBC:: HIGH

CDU B/R:: 500

CODED:: K15R1/6

RNG MOD:: LOW

PDT: MAY 27 MAY 28

XD_191 SEGMENT

SCO_NOTE: OTM-350 BACKUP WINDOW

SCO_NOTE: OTM-350 PRIME WINDOW

SCO_NOTE: AACSBIA

OPX #51: DFPWTCM TO DFPW_NORMAL

◇ 0845 RCS JTM 349 - SEG 21A RED.

◇ 1015 CARRYOVER PRESENT.

* 1015 MOD IND 68.8

OPX #52: DFPW_NORMAL TO DFPWTCM

2-WAY PB DELAY

* 0115 MOD IND 80.1

TLM B/R

TWNC

EARTH OCCULT

SOLAR OCCULT

0930
33180 22120 1015
1896
OFF
IN VIEW
IN VIEW

0115
22120 0230
0130
27650 35550

DSN COVERAGE GOLDSTONE:

15 1015
15
26
24
25
14

CANBERRA:

45
34
43

MADRID:

65
63
55
54

UTC: 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8

DOY 147

DOY 148

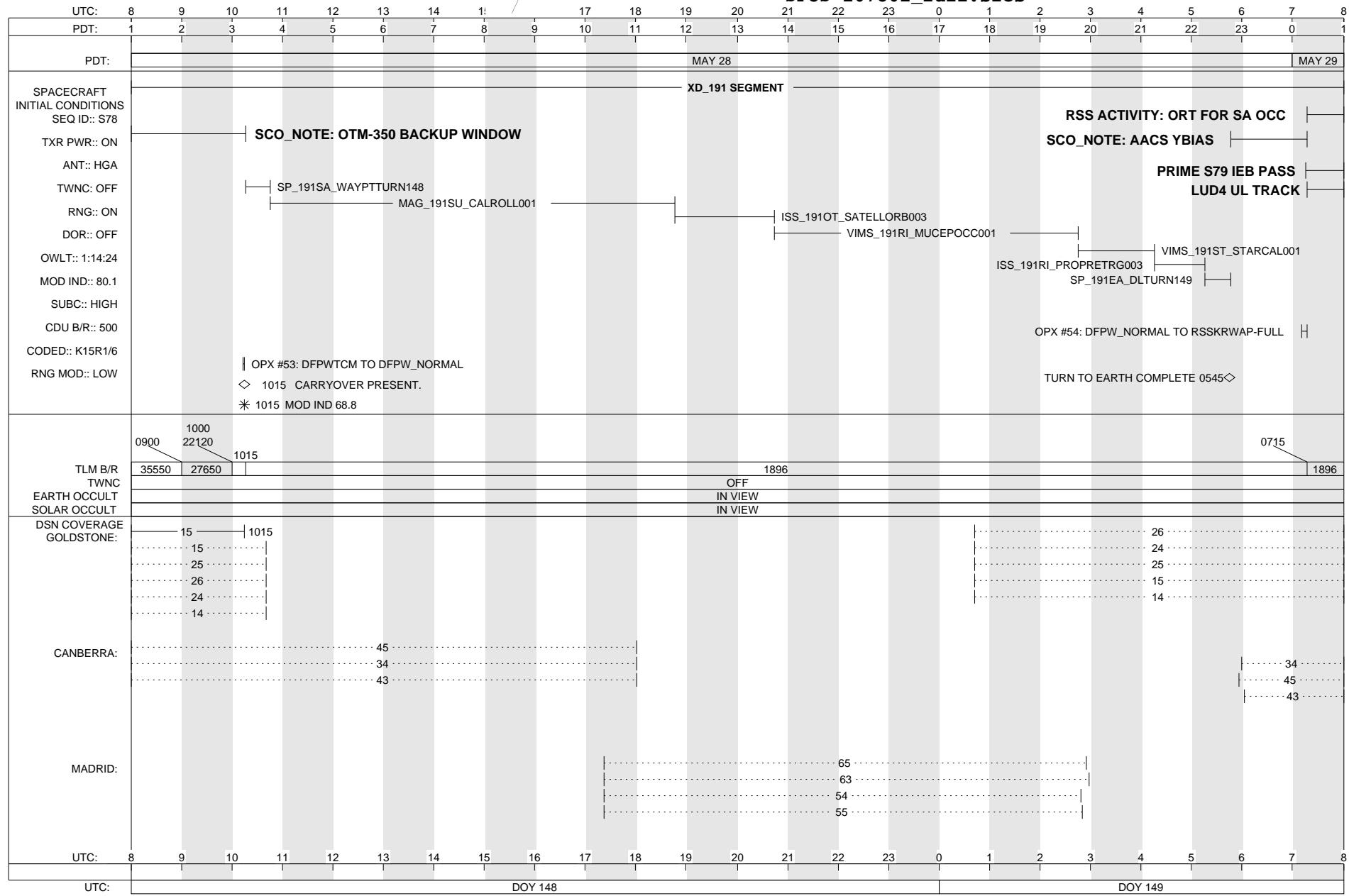
ISSUE DATE: 05/22/13

TUESDAY 148-149

MAY 28, 2013 - MAY 29, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

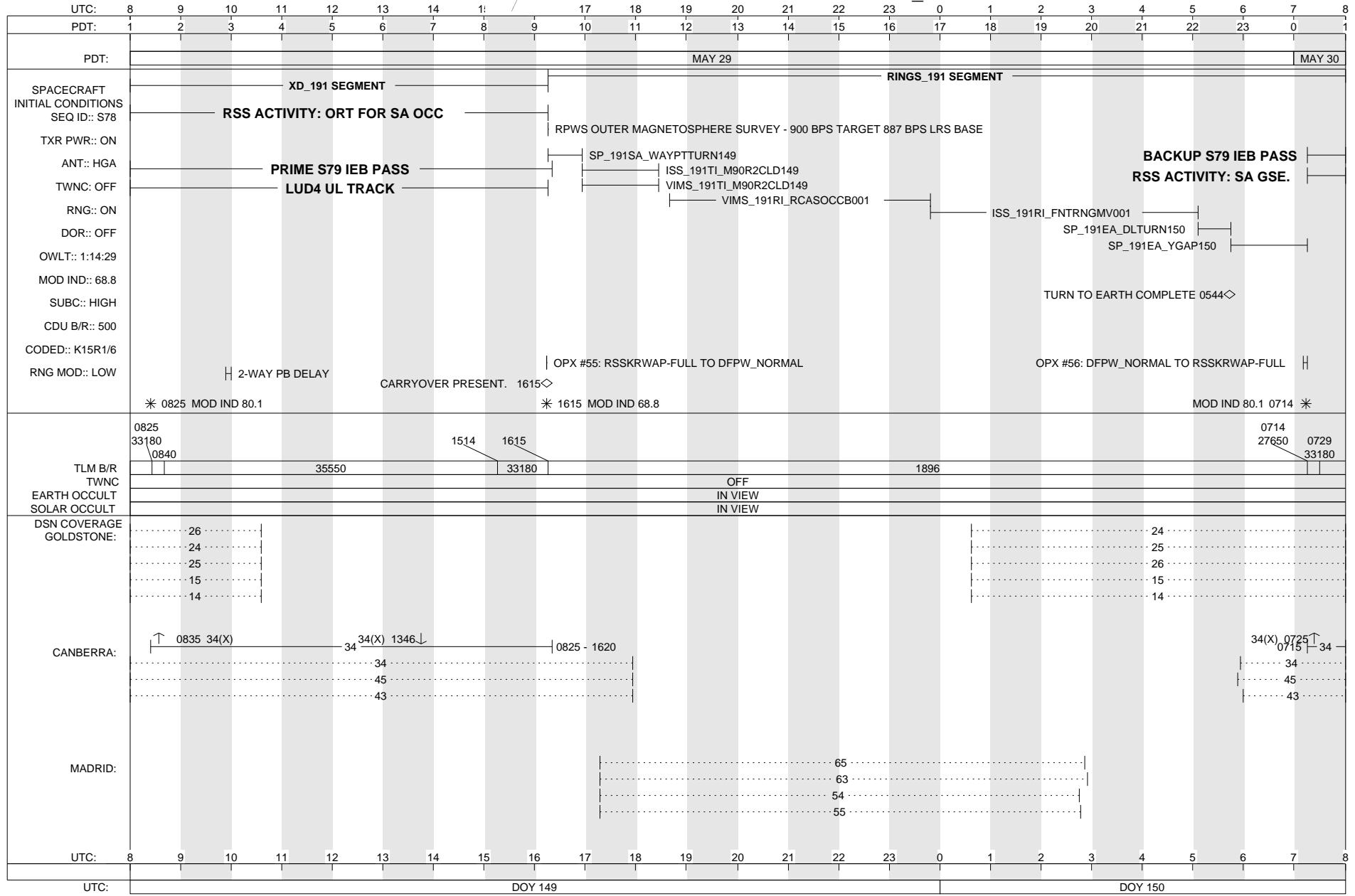
ISSUE DATE: 05/22/13

WEDNESDAY 149-150

MAY 29, 2013 - MAY 30, 2013



CASSINI SFOs

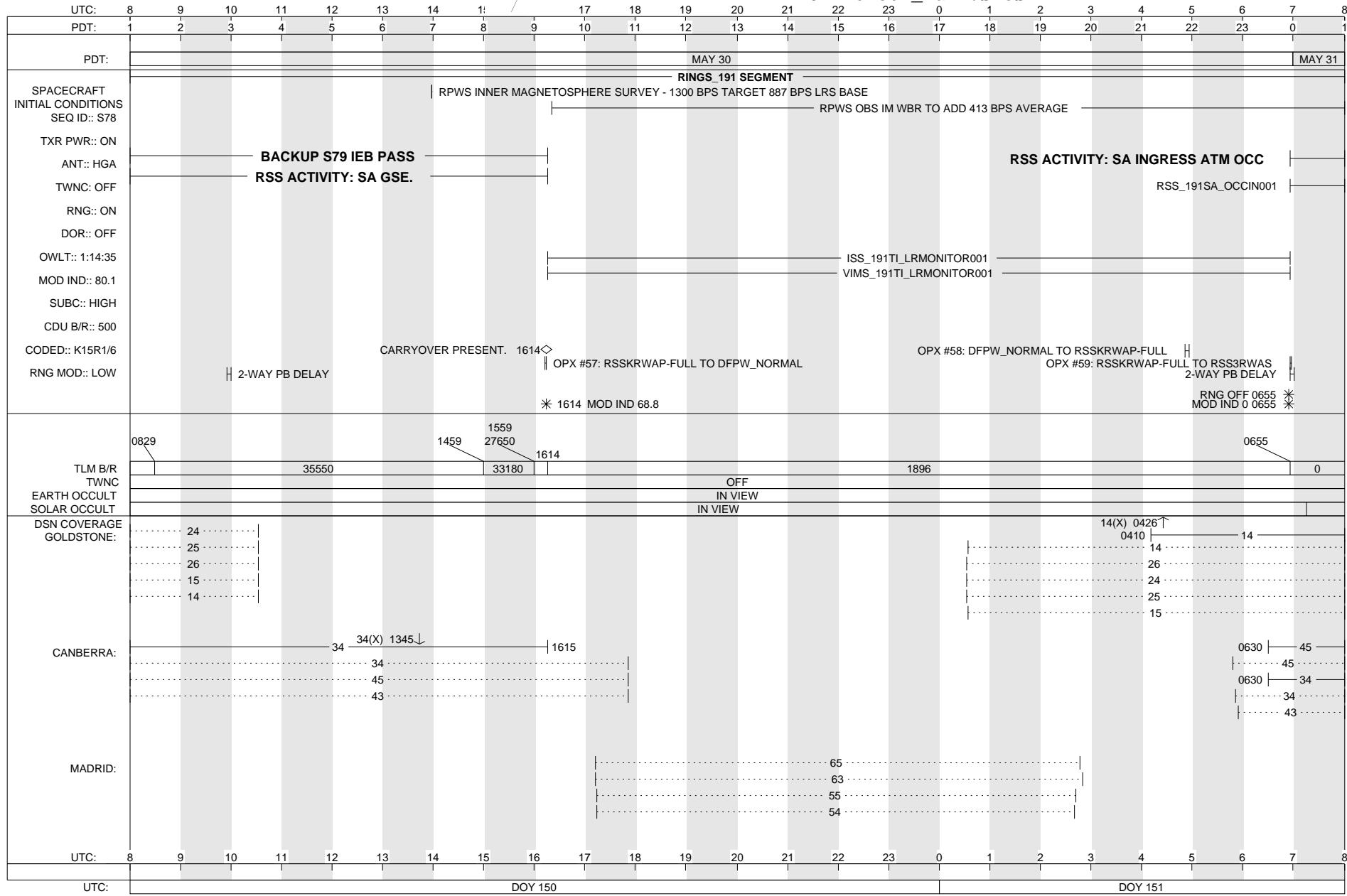
SOE z0780i_full.soe
SFOS z0780i_full.sfos

THURSDAY 150-151

MAY 30, 2013 - MAY 31, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

ISSUE DATE: 05/22/13

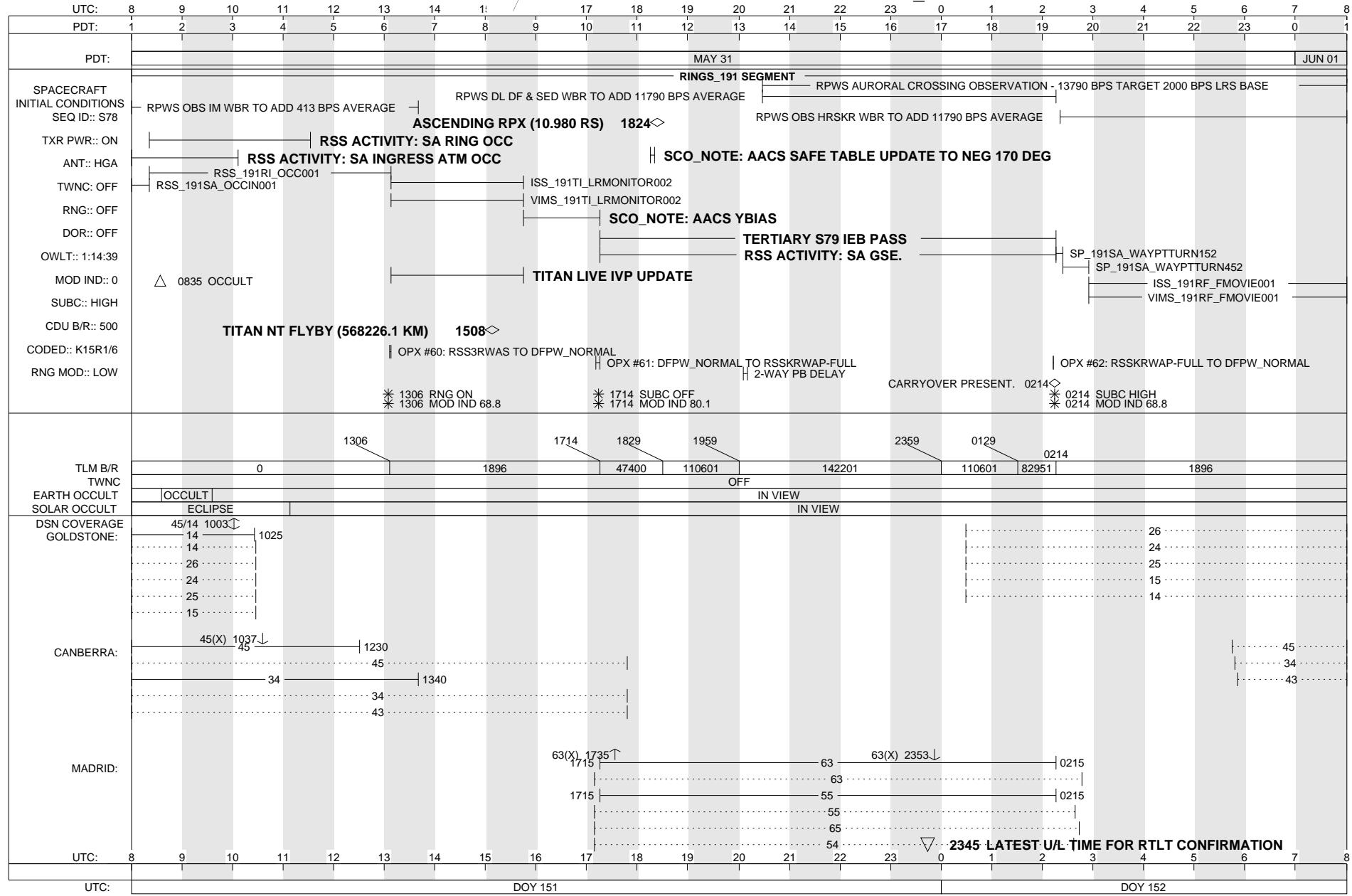
FRIDAY

151-152

MAY 31, 2013 - JUNE 1, 2013



CASSINI SFOS

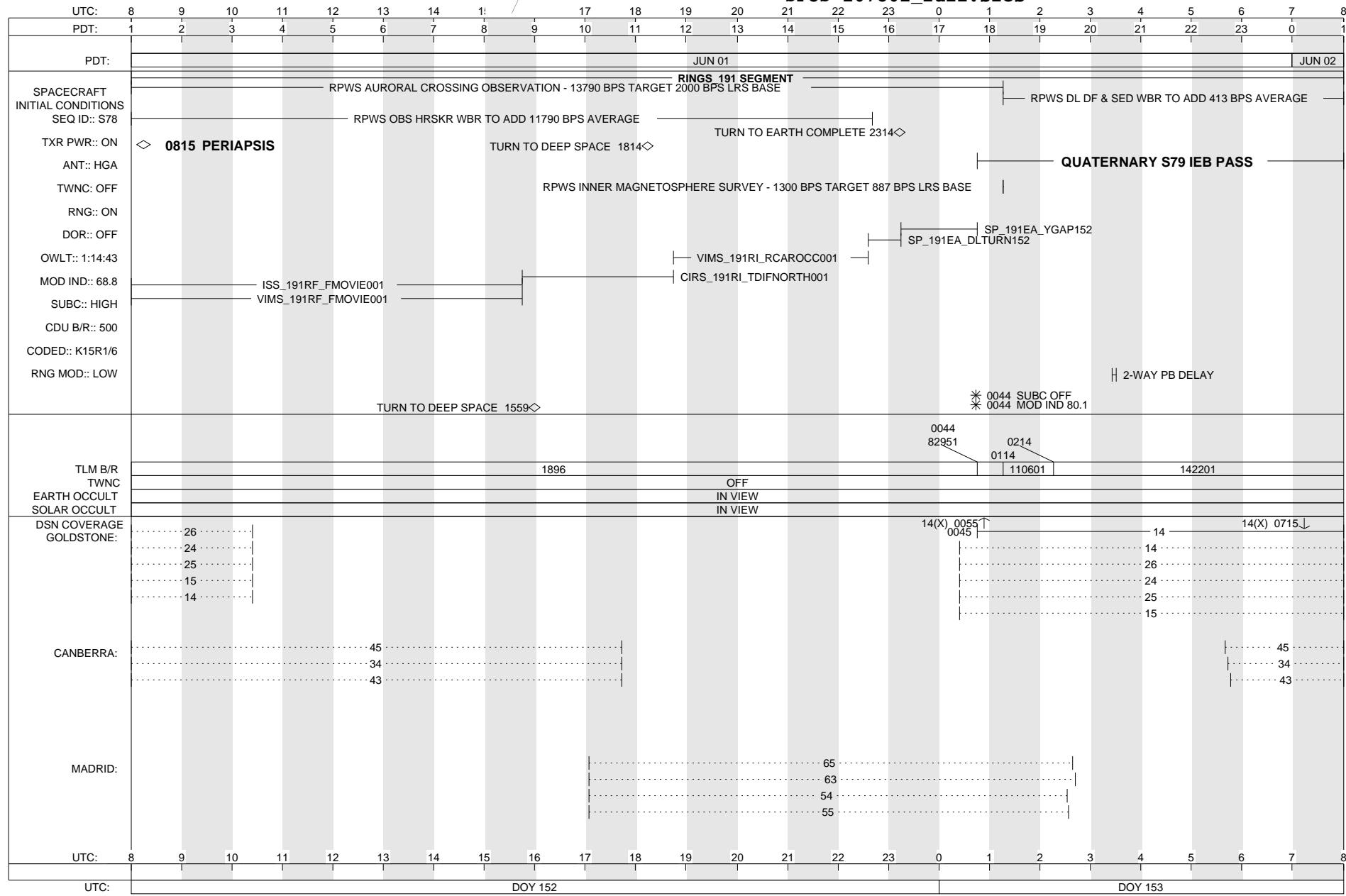
SOE z0780i_full.soe
SFOS z0780i_full.sfos

SATURDAY 152-153

JUNE 1, 2013 - JUNE 2, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

ISSUE DATE: 05/22/13

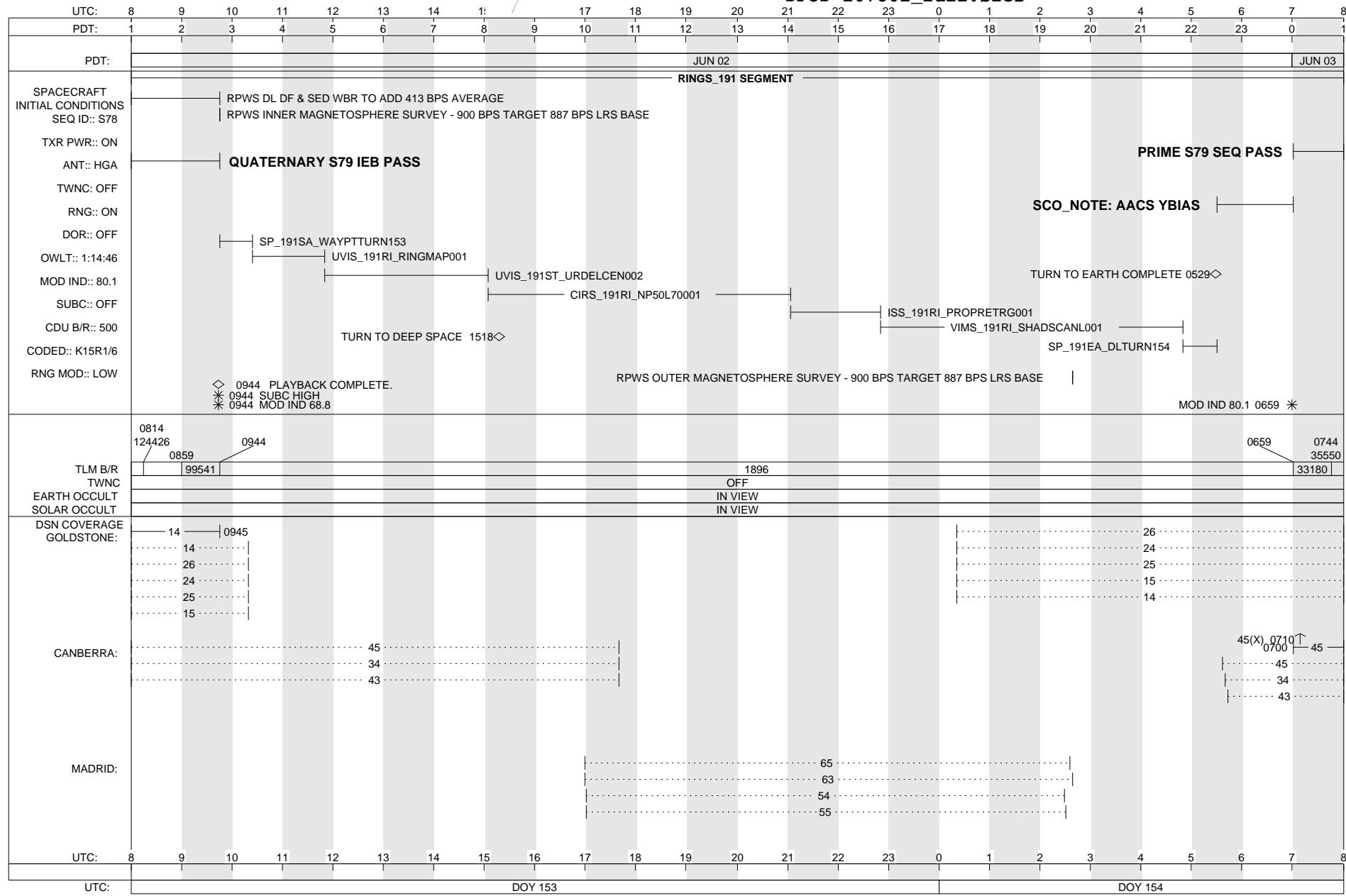
SUNDAY

153-154

JUNE 2, 2013 - JUNE 3, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos


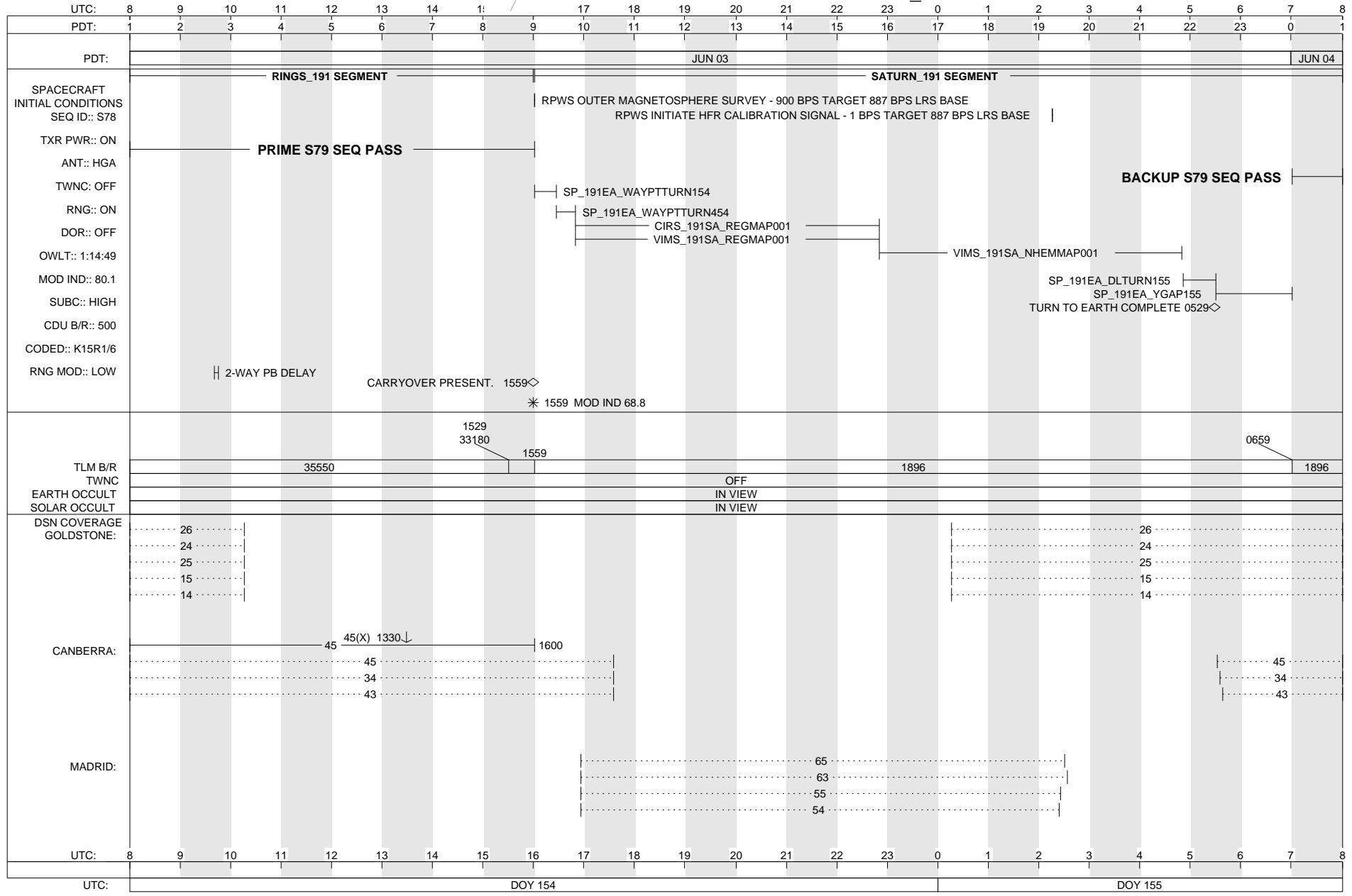
ISSUE DATE: 05/22/13

MONDAY 154-155

JUNE 3, 2013 - JUNE 4, 2013



CASSINI SFOS

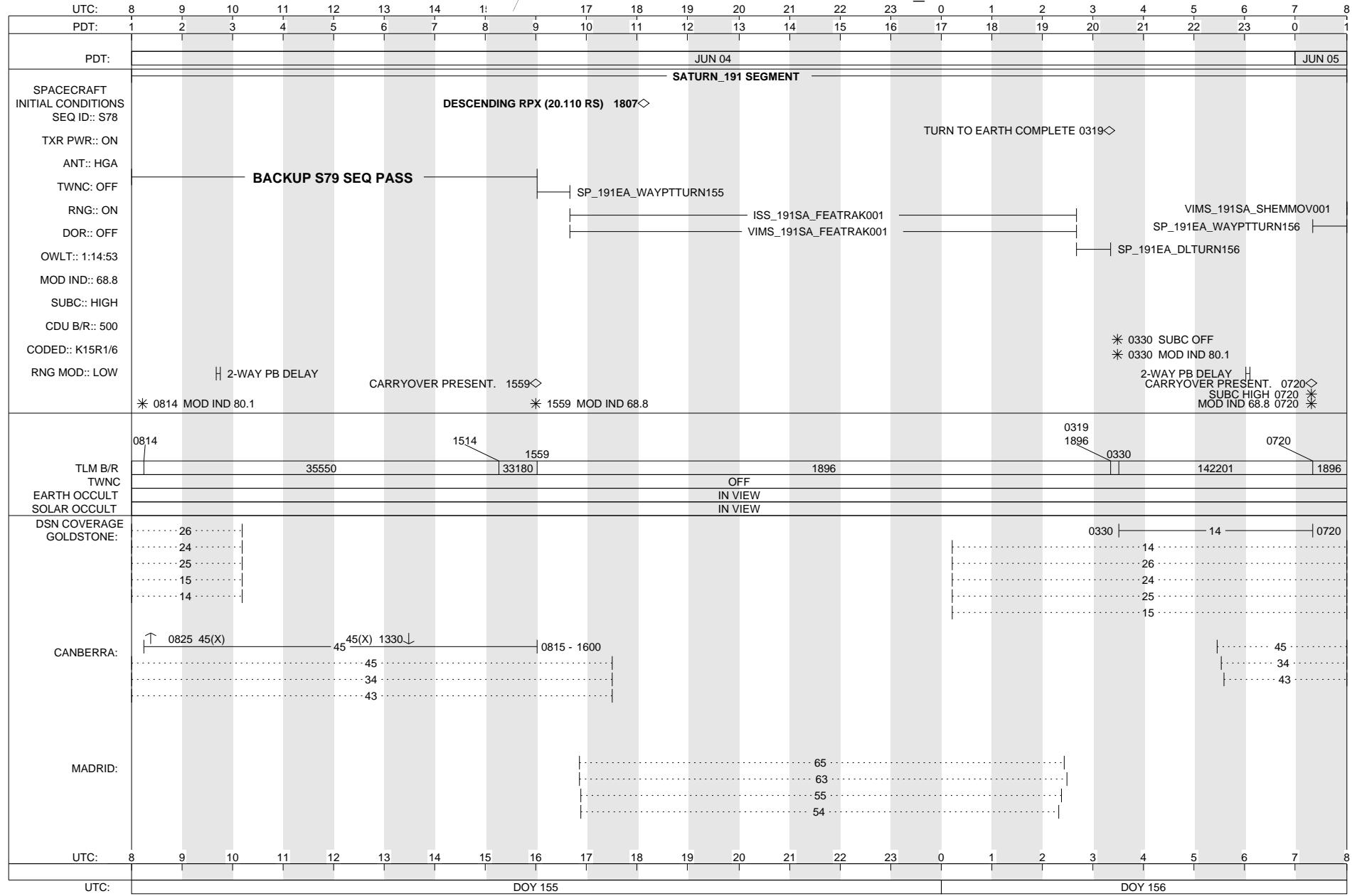
SOE z0780i_full.soe
SFOS z0780i_full.sfos

TUESDAY 155-156

JUNE 4, 2013 - JUNE 5, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

ISSUE DATE: 05/22/13

WEDNESDAY 156-157

JUNE 5, 2013 - JUNE 6, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

Spacecraft Initial Conditions SEQ ID:: S78

TXR PWR:: ON

ANT:: HGA

TWNC:: OFF

RNG:: ON

DOR:: OFF

OWLT:: 1:14:58

MOD IND:: 68.8

SUBC:: HIGH

CDU B/R:: 500

CODED:: K15R1/6

RNG MOD:: LOW

TLM B/R

TWNC

EARTH OCCULT

SOLAR OCCULT

DSN COVERAGE

GOLDSTONE:

CANBERRA:

MADRID:

VIMS_191SA_SHEMMOV001

CIRS_191SA_COMPSIT001

JUN 05

SATURN_191 SEGMENT

JUN 06

DOY 156

DOY 157

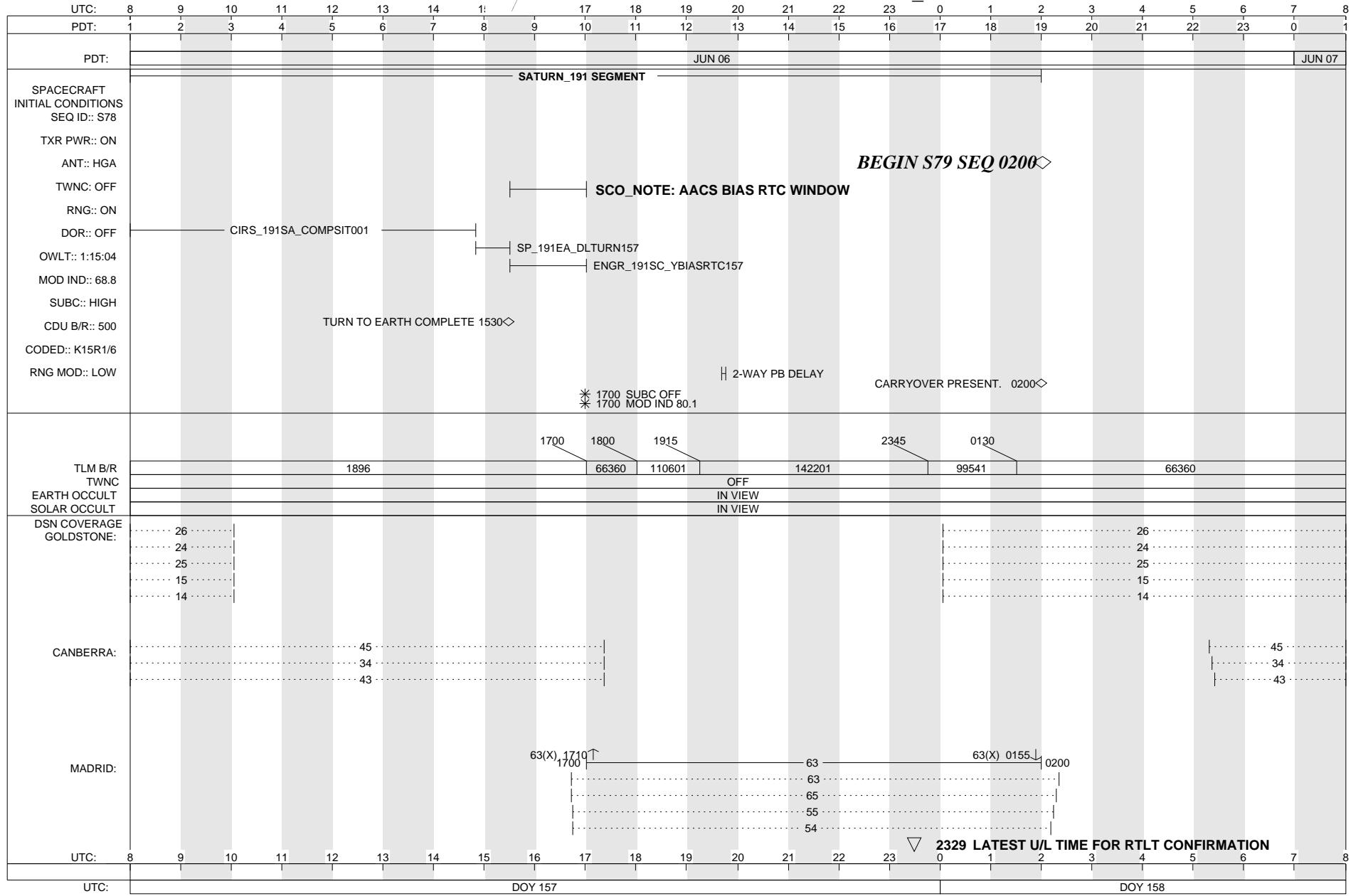
ISSUE DATE: 05/22/13

THURSDAY 157-158

JUNE 6, 2013 - JUNE 7, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

FRIDAY

158-159

JUNE 7, 2013 - JUNE 8, 2013



CASSINI SFOS

SOE z0780i_full.soe
SFOS z0780i_full.sfos

ISSUE DATE: 05/22/13