

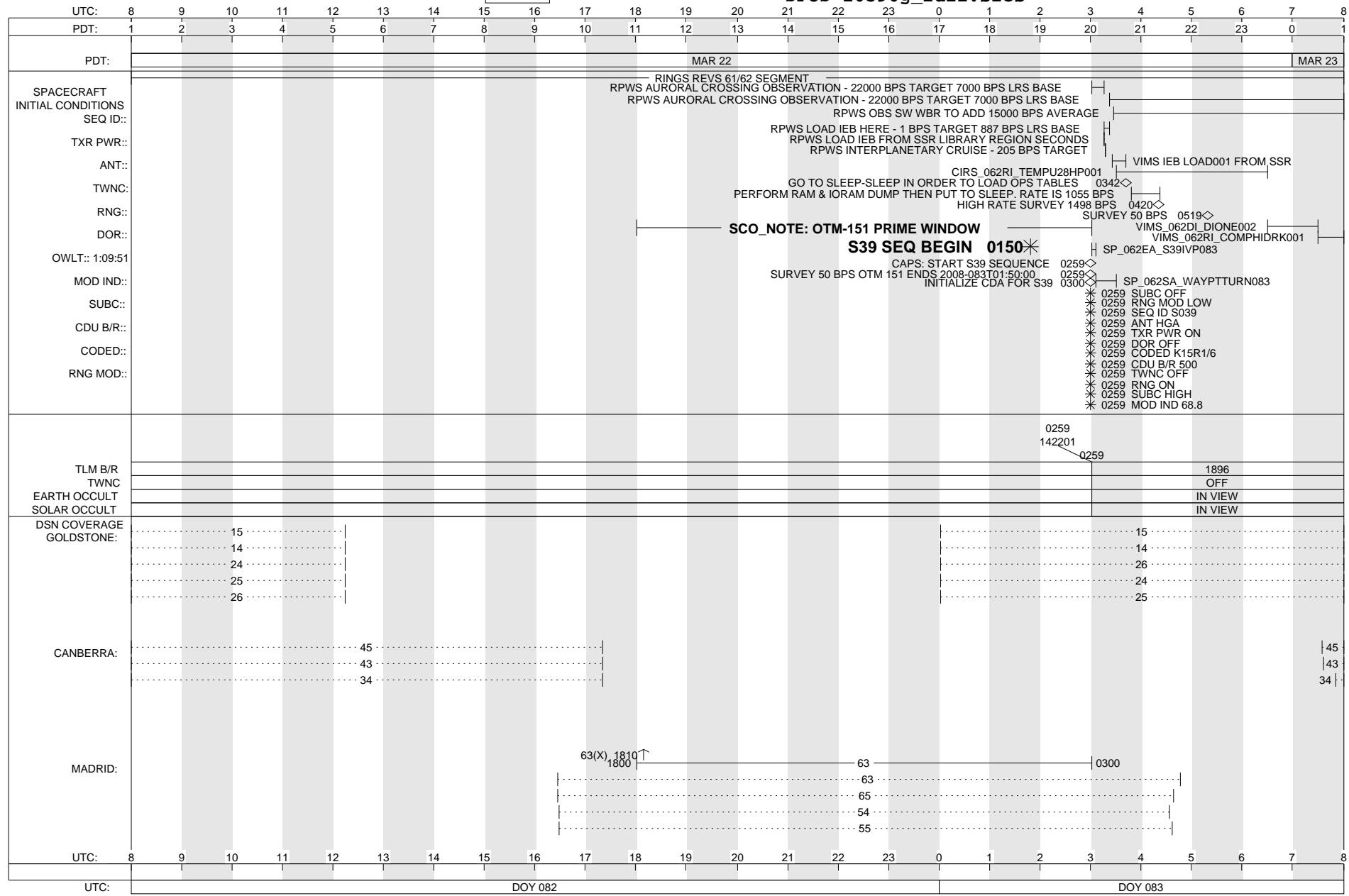
SATURDAY 082-083

MARCH 22, 2008 - MARCH 23, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos



ISSUE DATE: 03/07/08

SUNDAY

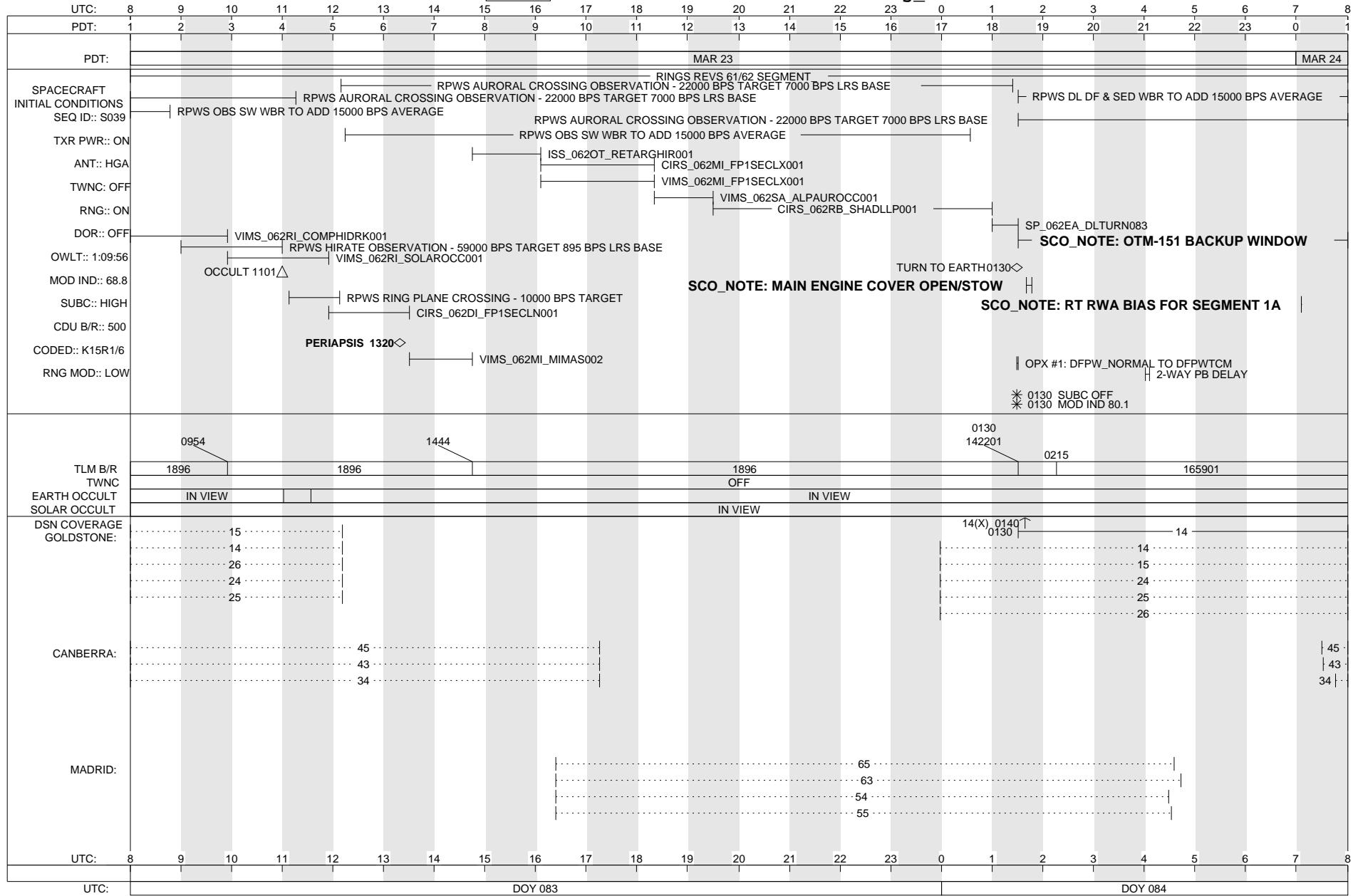
083-084

MARCH 23, 2008 - MARCH 24, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos



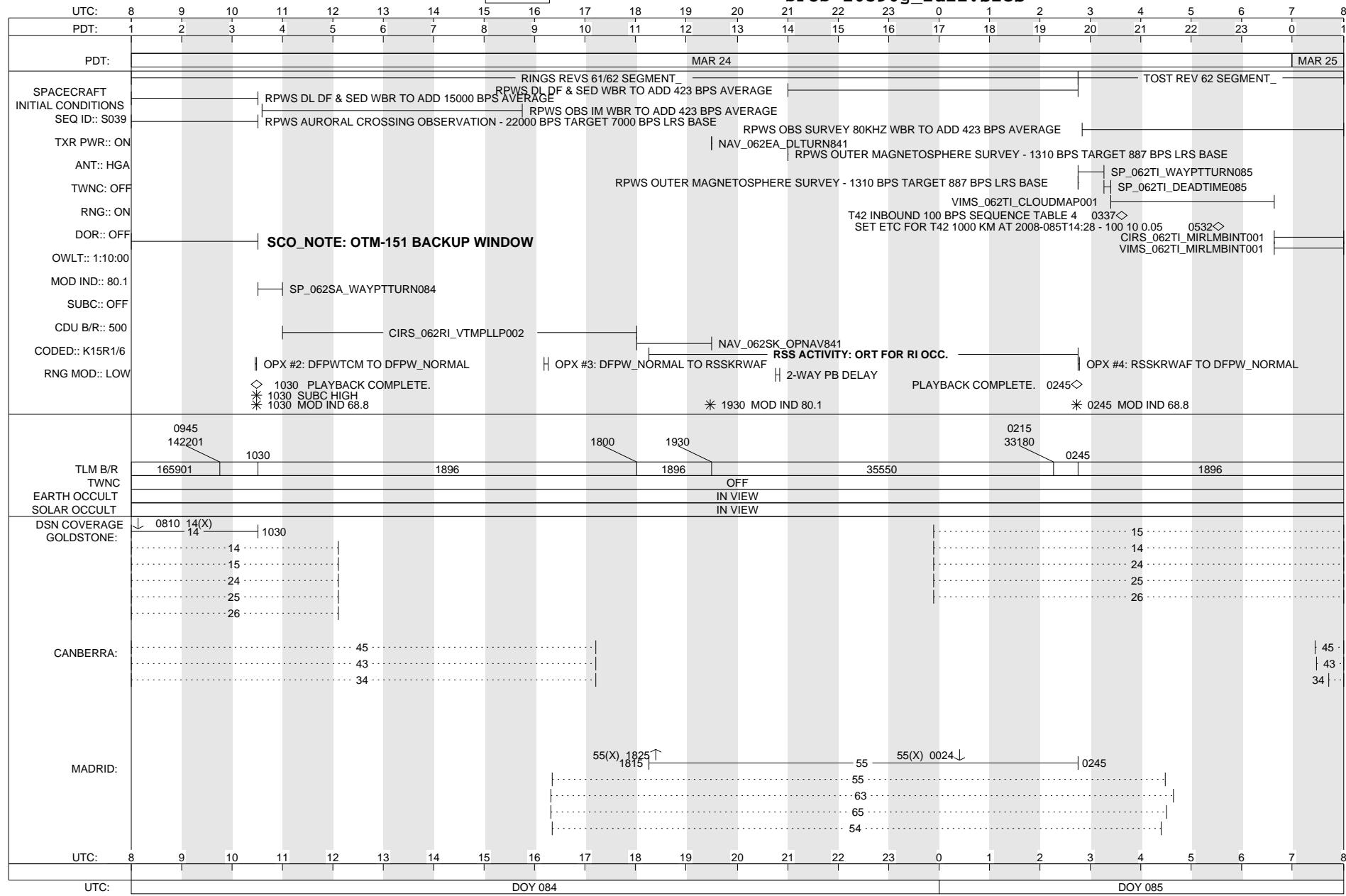
MONDAY 084-085

MARCH 24, 2008 - MARCH 25, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos

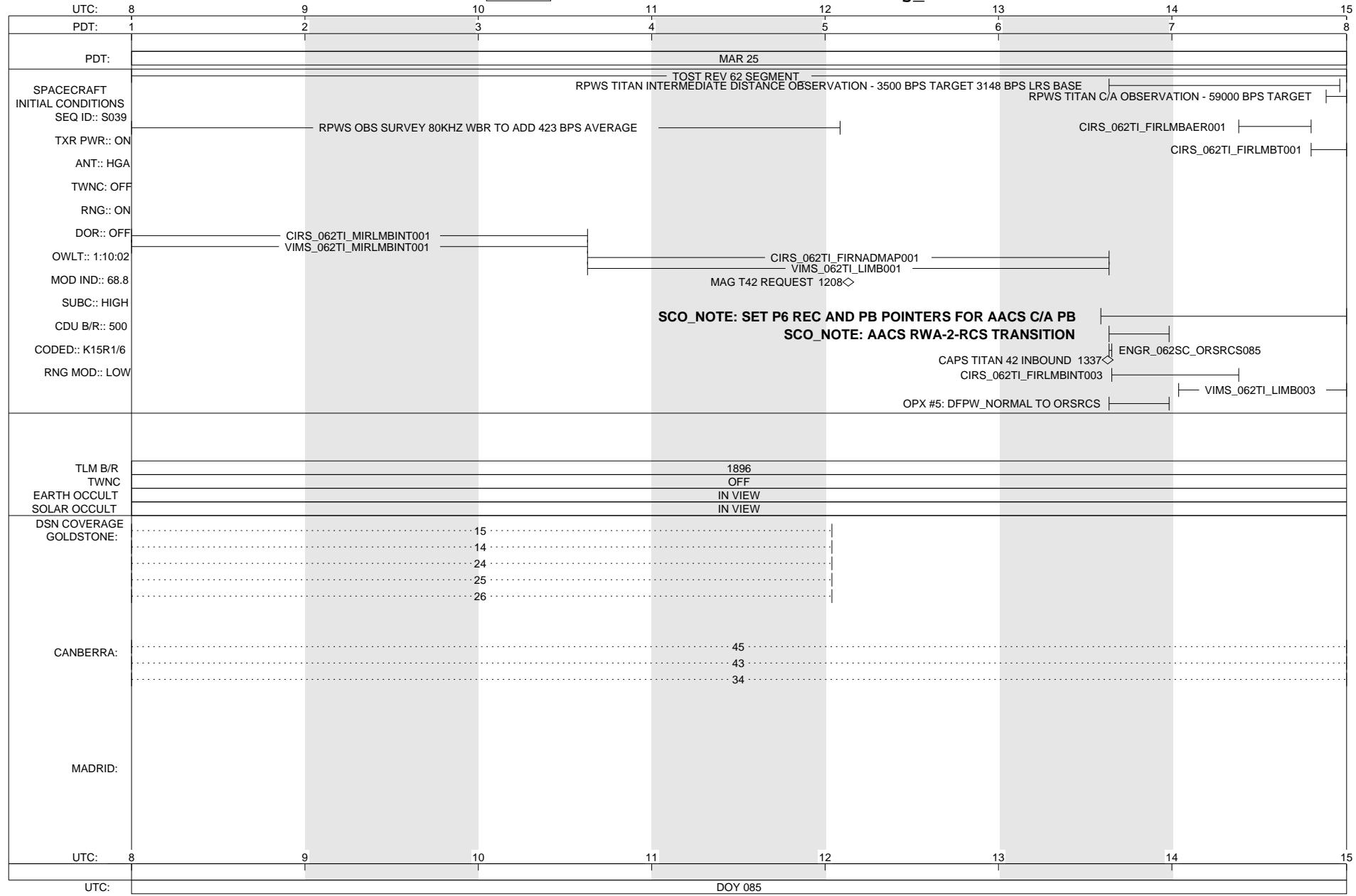


TUESDAY 085

MARCH 25, 2008 - MARCH 25, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos

ISSUE DATE: 03/07/08

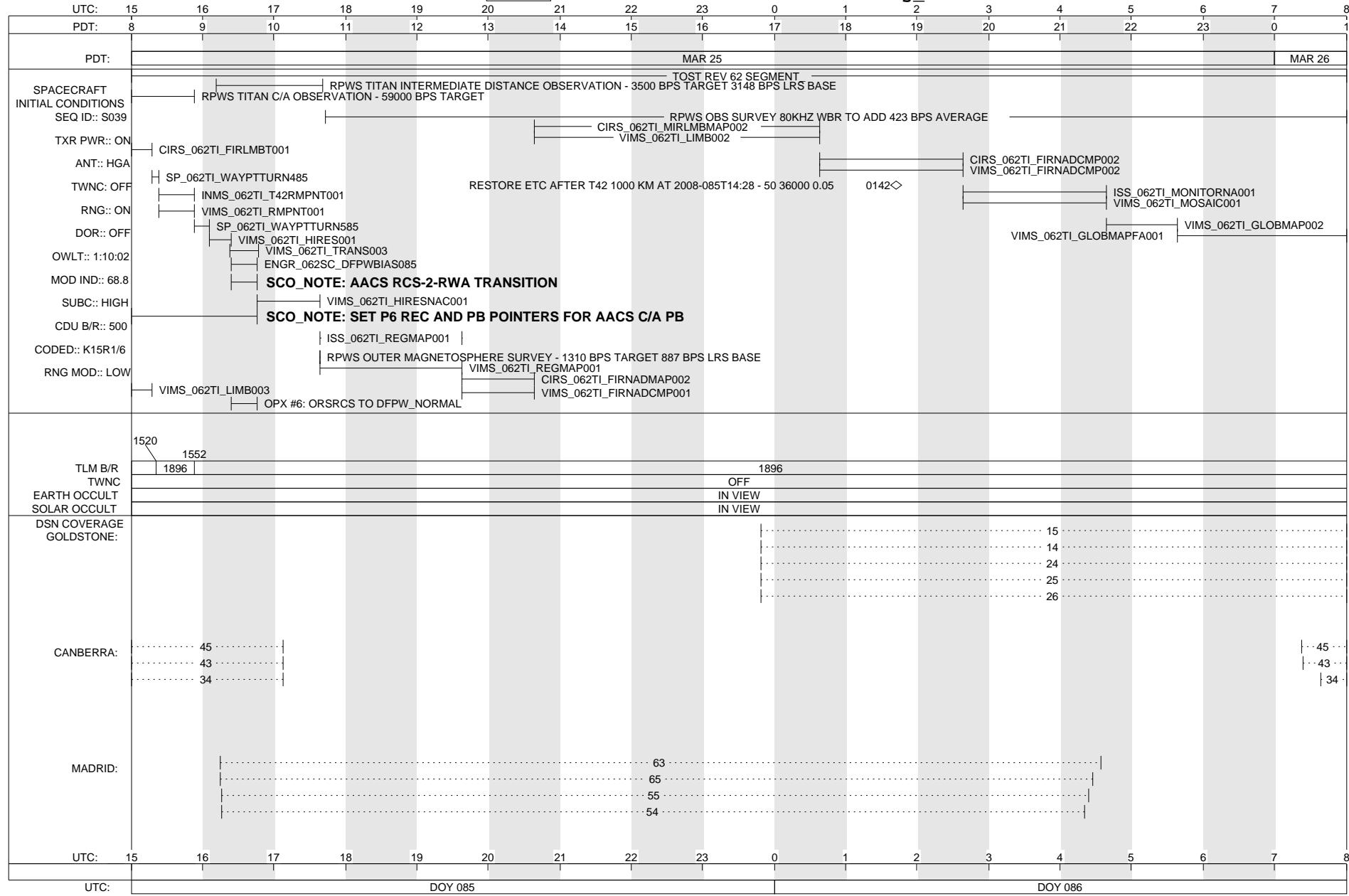
TUESDAY 085-086

MARCH 25, 2008 - MARCH 26, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos



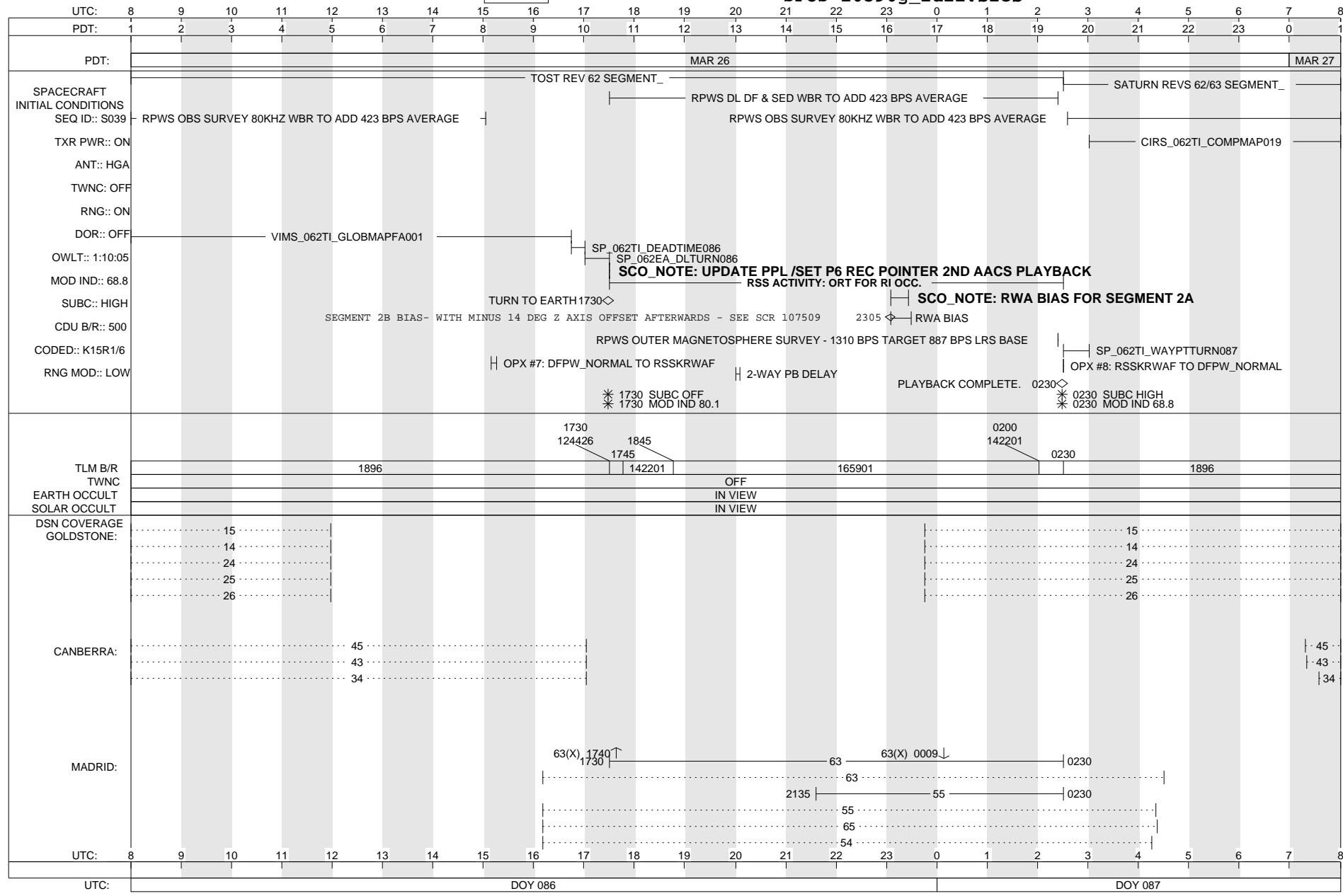
WEDNESDAY 086-087

MARCH 26, 2008 - MARCH 27, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos



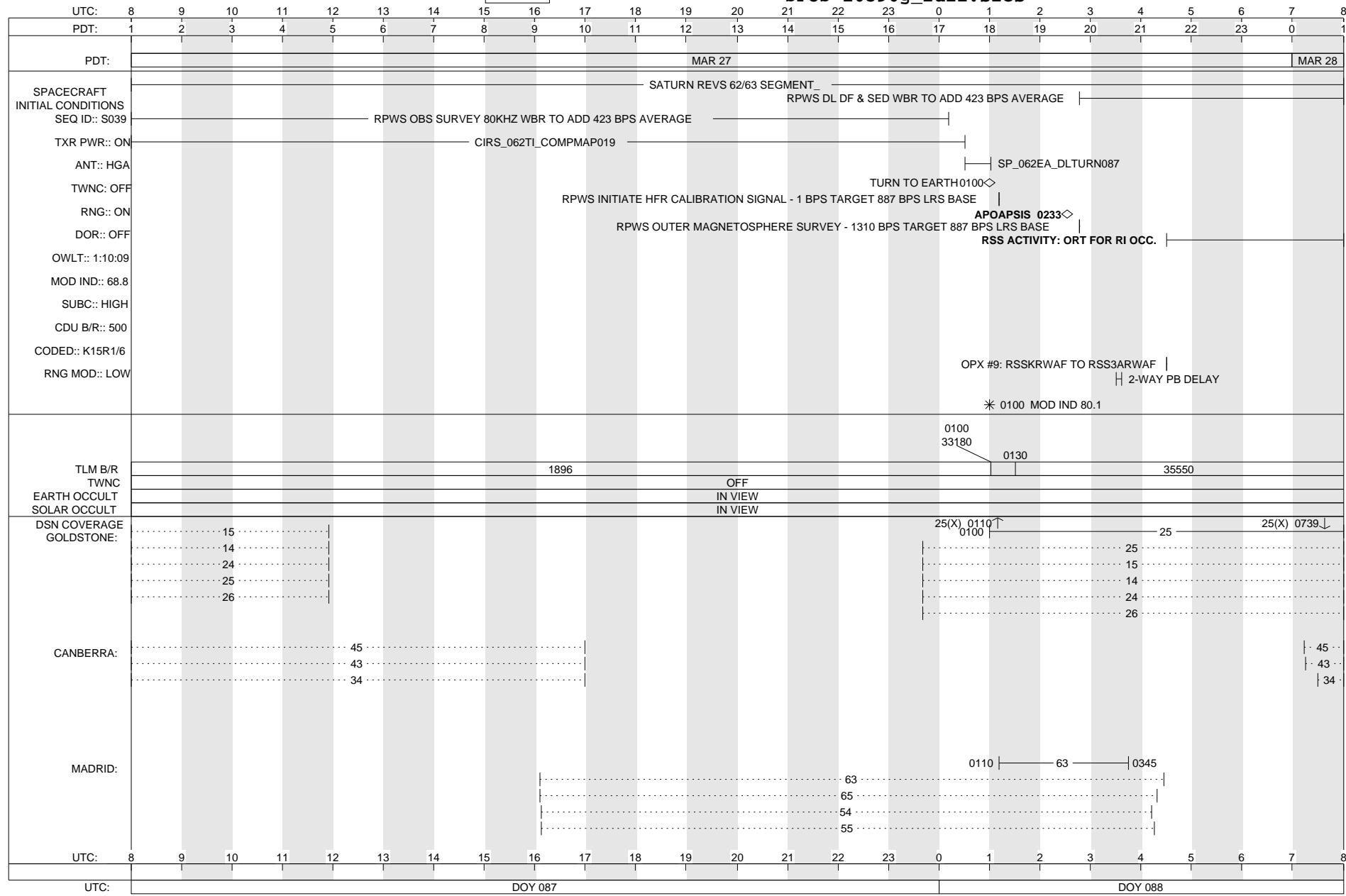
THURSDAY 087-088

MARCH 27, 2008 - MARCH 28, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos



ISSUE DATE: 03/07/08

FRIDAY

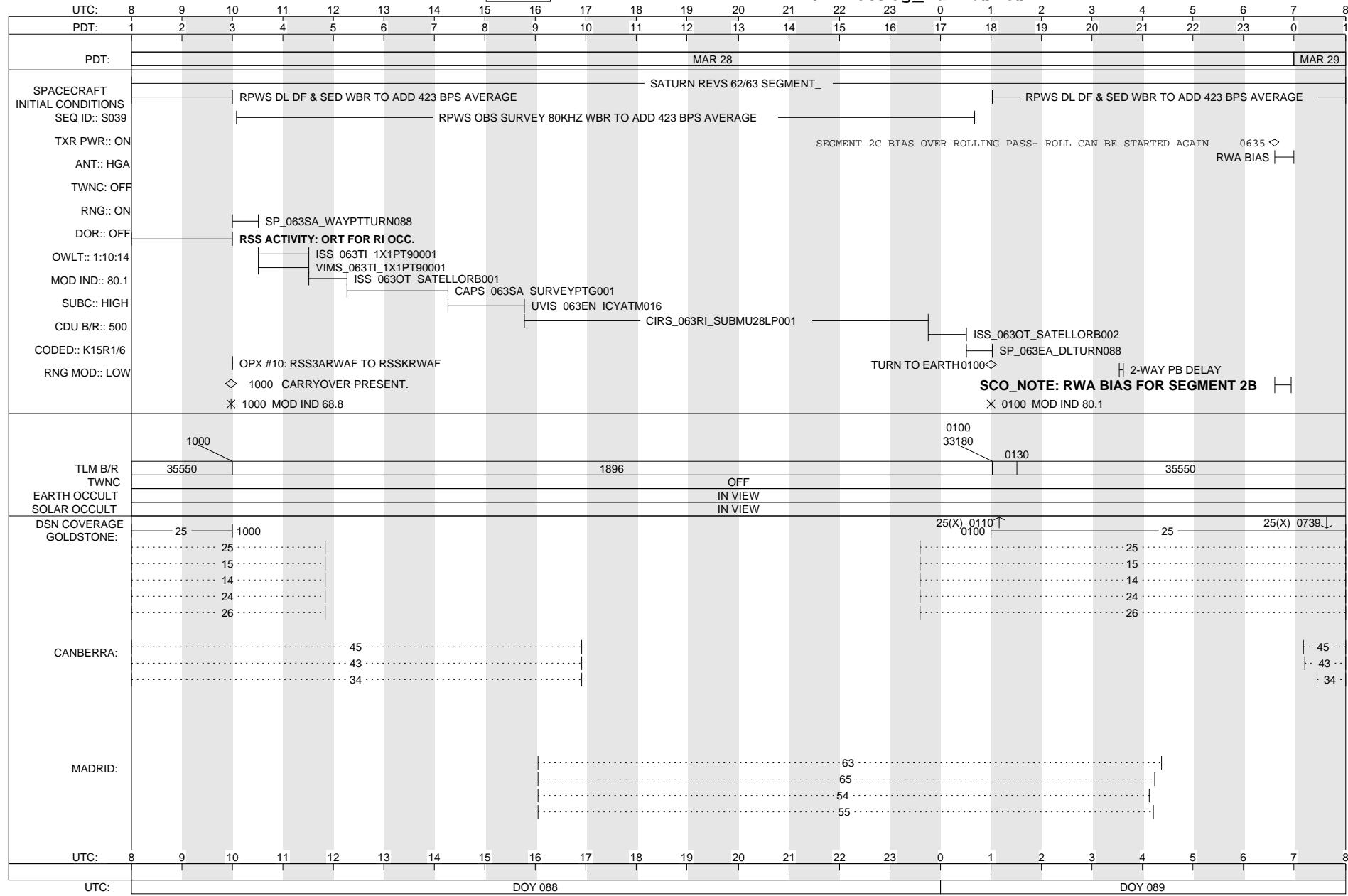
088-089

MARCH 28, 2008 - MARCH 29, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos



ISSUE DATE: 03/07/08

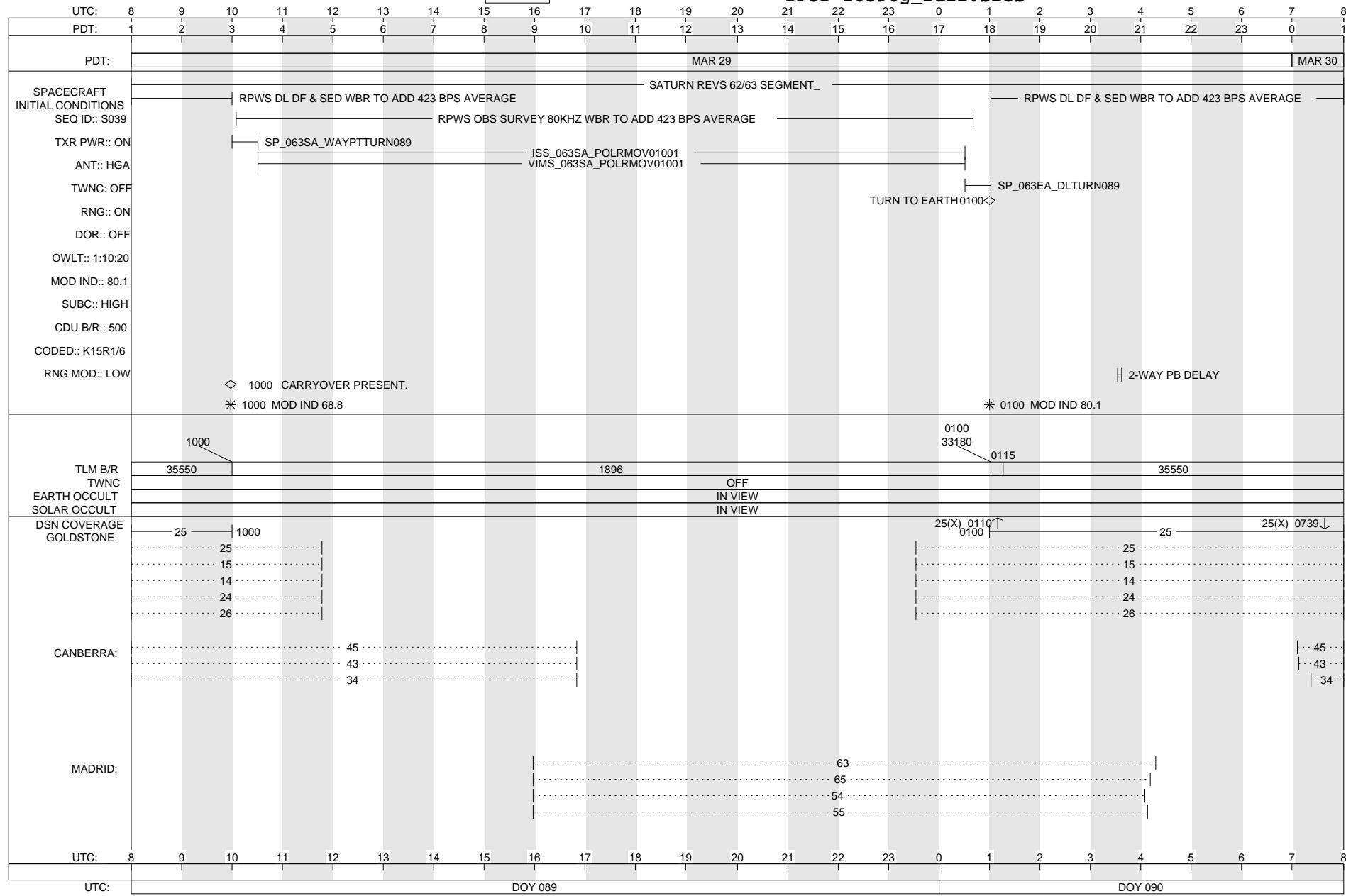
SATURDAY 089-090

MARCH 29, 2008 - MARCH 30, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos



ISSUE DATE: 03/07/08

SUNDAY

090-091

MARCH 30, 2008 - MARCH 31, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos

This figure is a timeline diagram for a space mission, likely Cassini, showing the status of various instruments and ground stations over a two-day period (DOY 090 to 091).

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

PDT: MAR 30 MAR 31

SPACECRAFT INITIAL CONDITIONS:

- SEQ ID:: S039
- TXR PWR:: ON
- ANT:: HGA
- TWNC:: OFF
- RNG:: ON
- DOR:: OFF
- OWLT:: 1:10:25
- MOD IND:: 80.1
- SUBC:: HIGH
- CDU B/R:: 500
- CODED:: K15R1/6
- RNG MOD:: LOW

INSTRUMENTS AND EVENTS:

- RPWS DL DF & SED WBR TO ADD 423 BPS AVERAGE
- SATURN REV 62/63 SEGMENT
- RPWS OBS SURVEY 80KHZ WBR TO ADD 423 BPS AVERAGE
- RPWS DL DF & SED WBR TO ADD 423 BPS AVERAGE
- SP_063SA_WAYPTTURN090
- RPWS HIRATE OBSERVATION - 11000 BPS TARGET 895 BPS LRS BASE
- ISS_063SA_POLRMOV02001
- VIMS_063SA_POLRMOV02001
- ISS_063OT_SATELLORB006
- CIRS_063RI_TEMPU49MP001
- SP_063EA_DLTURN090
- TURN TO EARTH0044 ◊
- ◇ 1000 CARRYOVER PRESENT.
- * 1000 MOD IND 68.8
- * 0044 SUBC OFF
- * 0044 MOD IND 80.1
- 2-WAY PB DELAY

TELEMETRY (TLM) AND OCCULTATION (TWNC):

- TLM B/R: 0945, 33180, 1000, 35550, 1896, 0044, 142201, 0130, 165901
- EARTH OCCULT: 35550, 1896, OFF, IN VIEW, IN VIEW
- SOLAR OCCULT: 0945, 14(X), 0055↑, 0045, 14, 14(X), 0723↓
- TWNC: 0945, 14(X), 0055↑, 0045, 14, 14(X), 0723↓

DSN COVERAGE (GOLDSTONE):

- 25, 1000, 25, 15, 14, 24, 26
- 14(X), 0055↑, 0045, 14, 14(X), 0723↓

CANBERRA:

- 45, 43, 34
- 45, 43, 34

MADRID:

- 63, 65, 54, 55

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 090 DOY 091

ISSUE DATE: 03/07/08

MONDAY

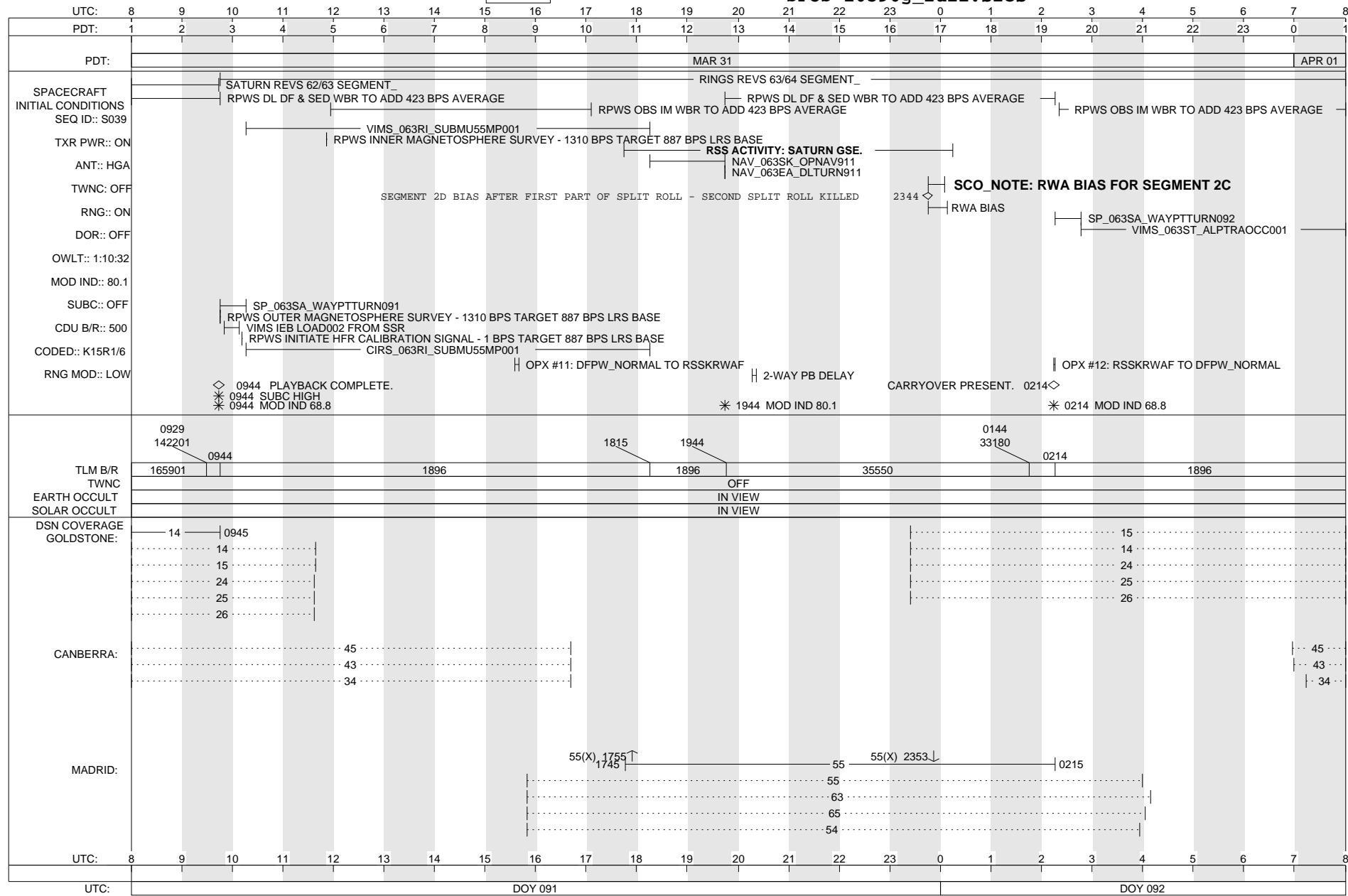
091-092

MARCH 31, 2008 - APRIL 1, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos

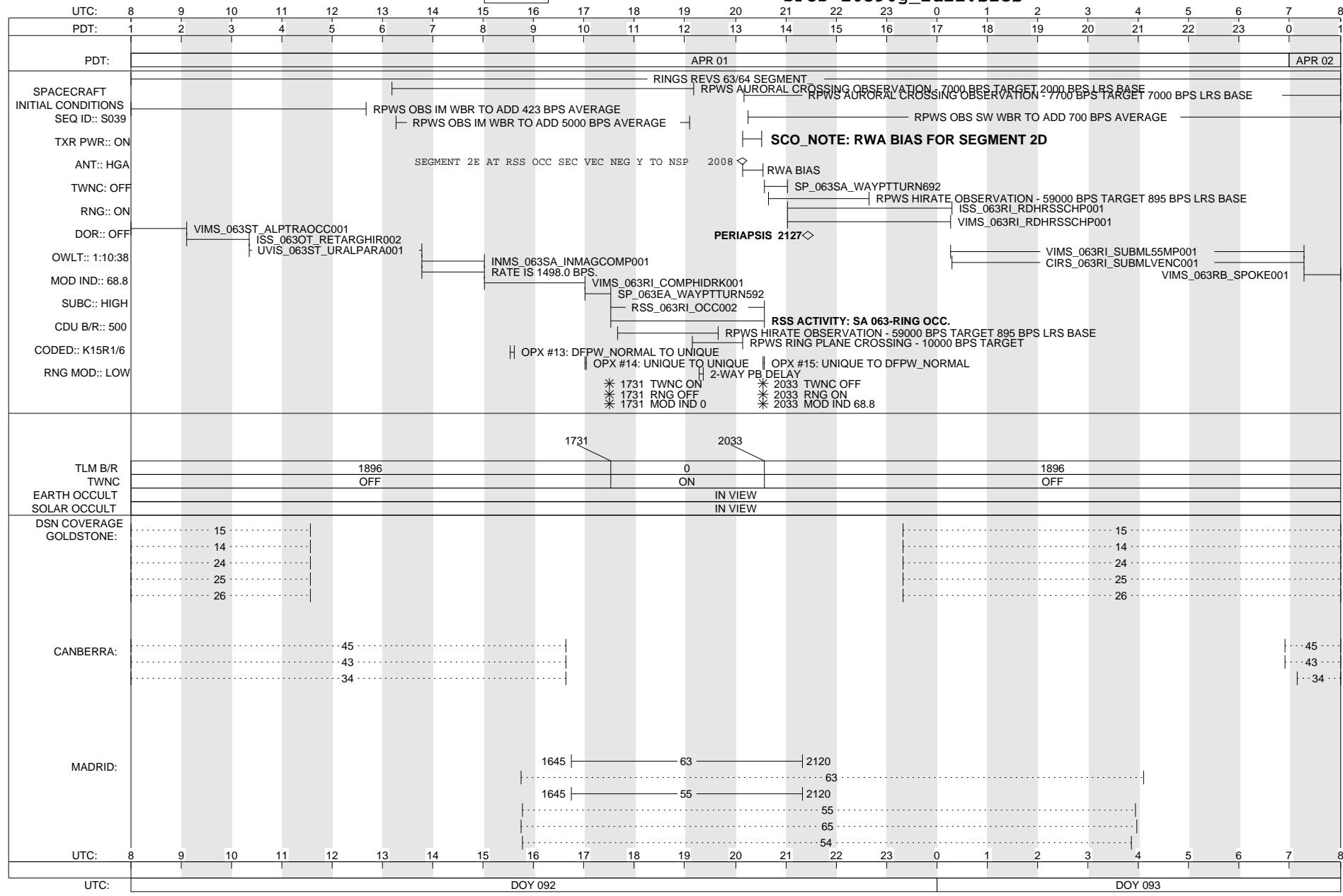


ISSUE DATE: 03/07/08

TUESDAY 092-093

APRIL 1, 2008 - APRIL 2, 2008

MISSING
IMAGE

CASSINI SFOS
SOE z0390g_full.soe
SFOS z0390g_full.sfos


WEDNESDAY 093-094

APRIL 2, 2008 - APRIL 3, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_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 02 APR 03

SPACECRAFT INITIAL CONDITIONS
SEQ ID: S039

TXR PWR: ON

ANT: HGA

TWNC: OFF

RNG: ON

DOR: OFF

OWLT: 1:10:44

MOD IND: 68.8

SUBC: HIGH

CDU B/R: 500

CODED: K15R1/6

RNG MOD: LOW

PDT: APR 02 APR 03

RINGS REV 63/64 SEGMENT

RPWS AURORAL CROSSING OBSERVATION - 7700 BPS TARGET 7000 BPS LRS BASE

RPWS OBS SW WBR TO ADD 700 BPS AVERAGE

RPWS DL DF & SED WBR TO ADD 423 BPS AVERAGE

RPWS OBS IM WBR TO ADD 423 BPS AVERAGE

RPWS OBS SURVEY 80KHZ WBR TO ADD 423 BPS AVERAGE

SP_063SA_WAYPTTURN094

MAG_063SU_CALROLL001

MAG SETS THE S/C ROLLING -X TO SUN WITH -30 DEGREE OFFSET ON Z

MAG ROLL 4 TIMES AT APPROX 53.25 MIN/ROLL TOTAL

RPWS HIRATE OBSERVATION - 59000 BPS TARGET 895 BPS LRS BASE

ISS_063RI_SPKFORMLF001

RPWS OUTER MAGNETOSPHERE SURVEY - 1310 BPS TARGET 887 BPS LRS BASE

ISS_063RI_BEDG4FILT001

VIMS_063RB_SPOKE001

CIRS_063RB_SHADLLP001

RPWS INNER MAGNETOSPHERE SURVEY - 1310 BPS TARGET 887 BPS LRS BASE

SP_063EA_DLTURN093

TURN TO EARTH 1714

RSS ACTIVITY: SATURN GSE

SEGMENT 2F BIAS- HALF ROLL STARTS AFTER BIAS

OPX #16: DFPW_NORMAL TO RSSKRWF

2-WAY PB DELAY

2250 RWA BIAS

SCO NOTE: RWA BIAS FOR SEGMENT 2E

OPX #17: RSSKRWF TO DFPW_NORMAL

PLAYBACK COMPLETE. 0214

* 0214 SUBC HIGH

* 0214 MOD IND 68.8

* 1714 SUBC OFF

* 1714 MOD IND 80.1

TLM B/R

TWNC

EARTH OCCULT

SOLAR OCCULT

1896

1714
124426
1829
1729
142201

OFF

165901

0059
0214
142201

1896

IN VIEW

IN VIEW

DSN COVERAGE GOLDSTONE:

15

14

24

25

26

CANBERRA:

45

43

34

45

43

34

MADRID:

63(X) 1725↑

63(X) 2353↓

0215

1715

63

55

55

65

54

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

DOY 093

DOY 094

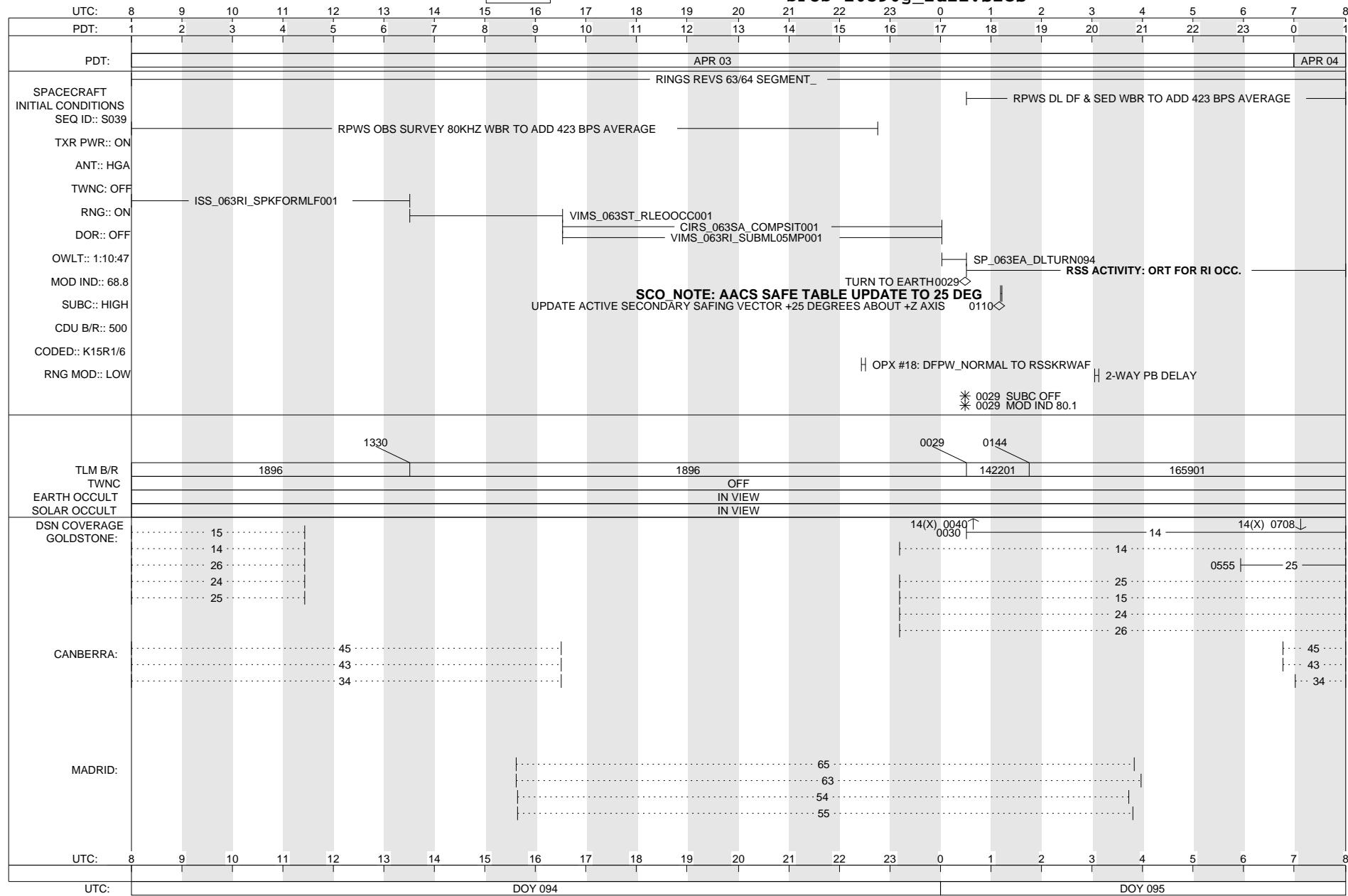
ISSUE DATE: 03/07/08

THURSDAY 094-095

APRIL 3, 2008 - APRIL 4, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos

FRIDAY

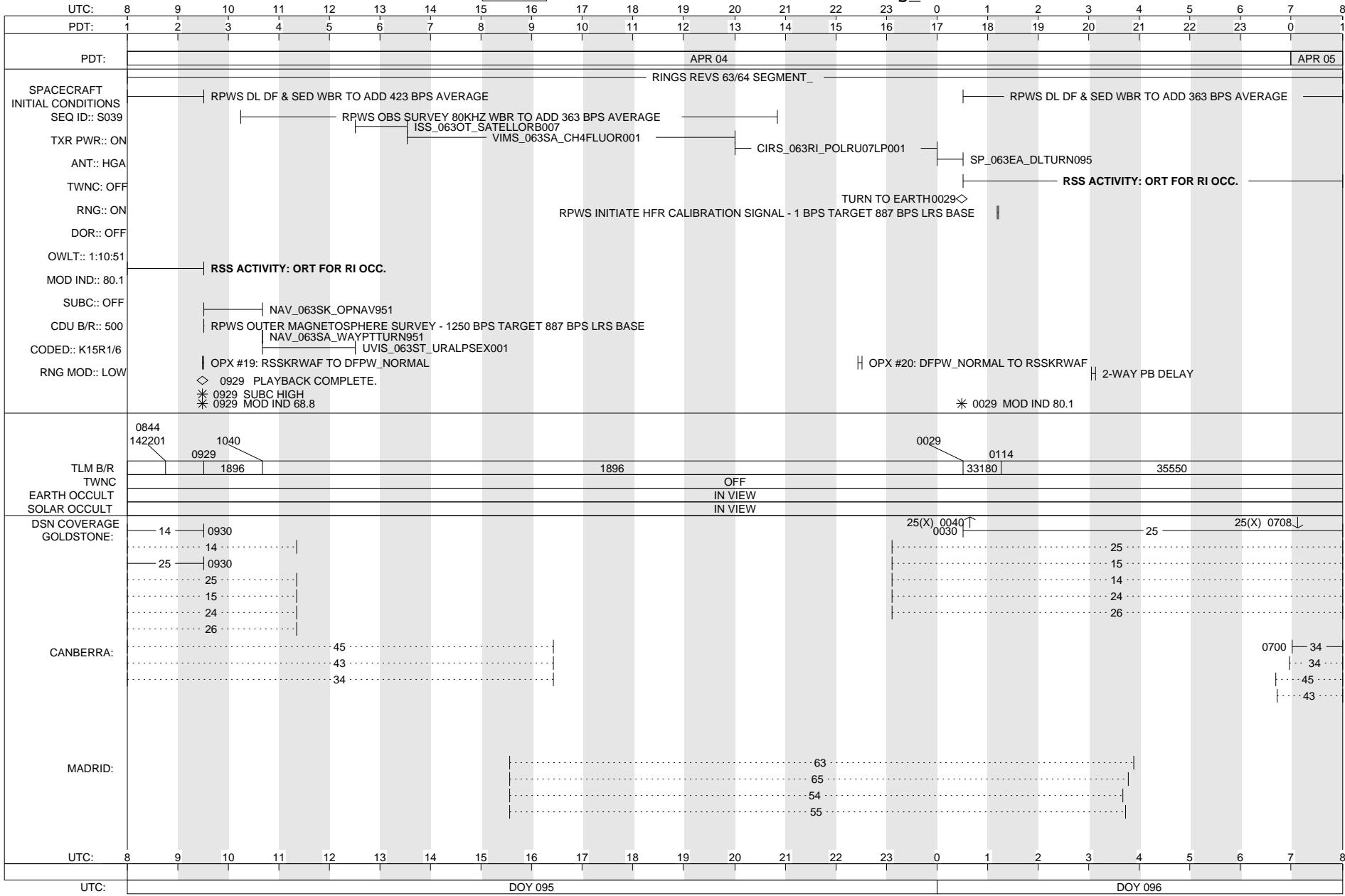
095-096

APRIL 4, 2008 - APRIL 5, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos



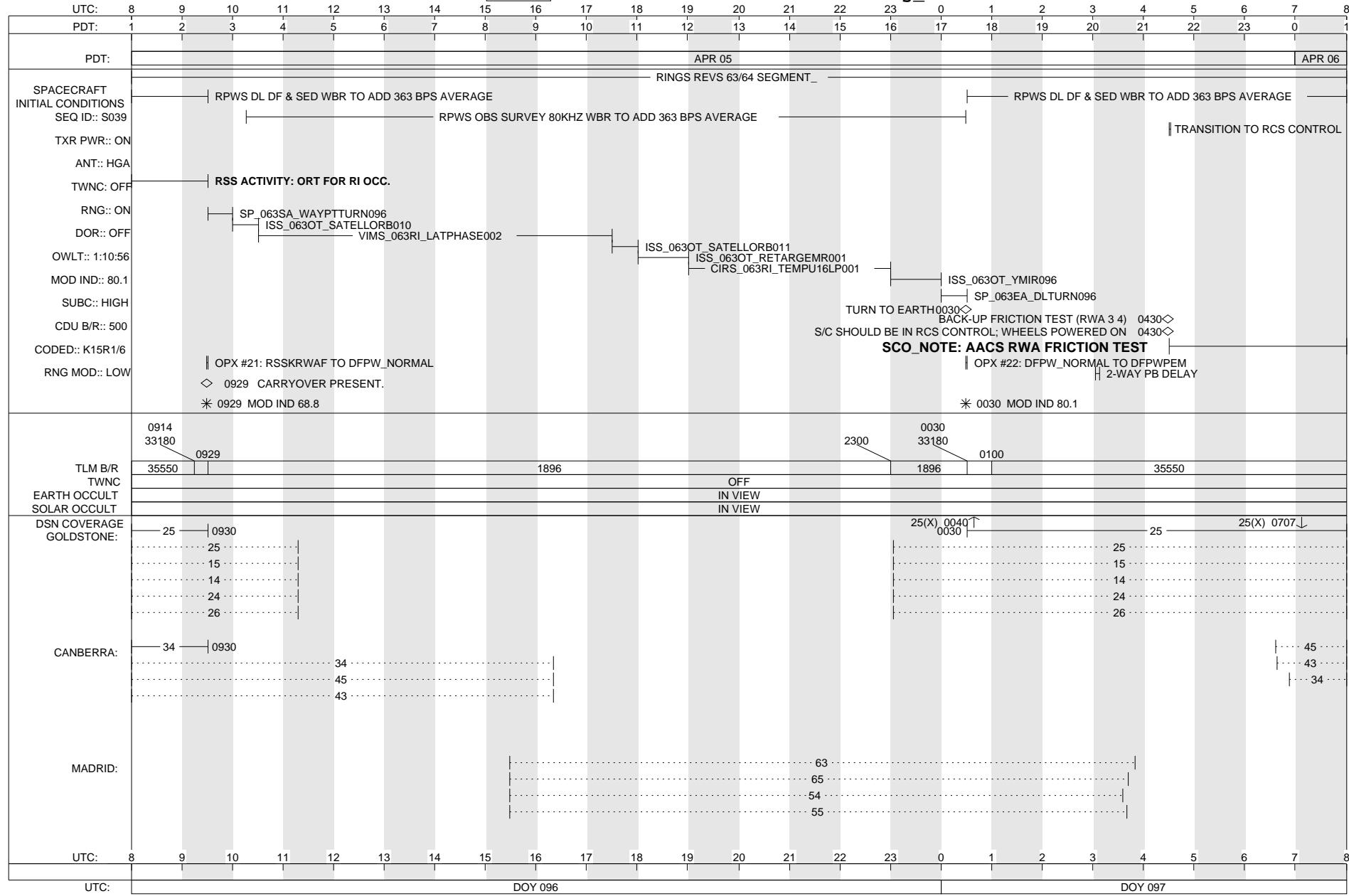
SATURDAY 096-097

APRIL 5, 2008 - APRIL 6, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos



ISSUE DATE: 03/07/08

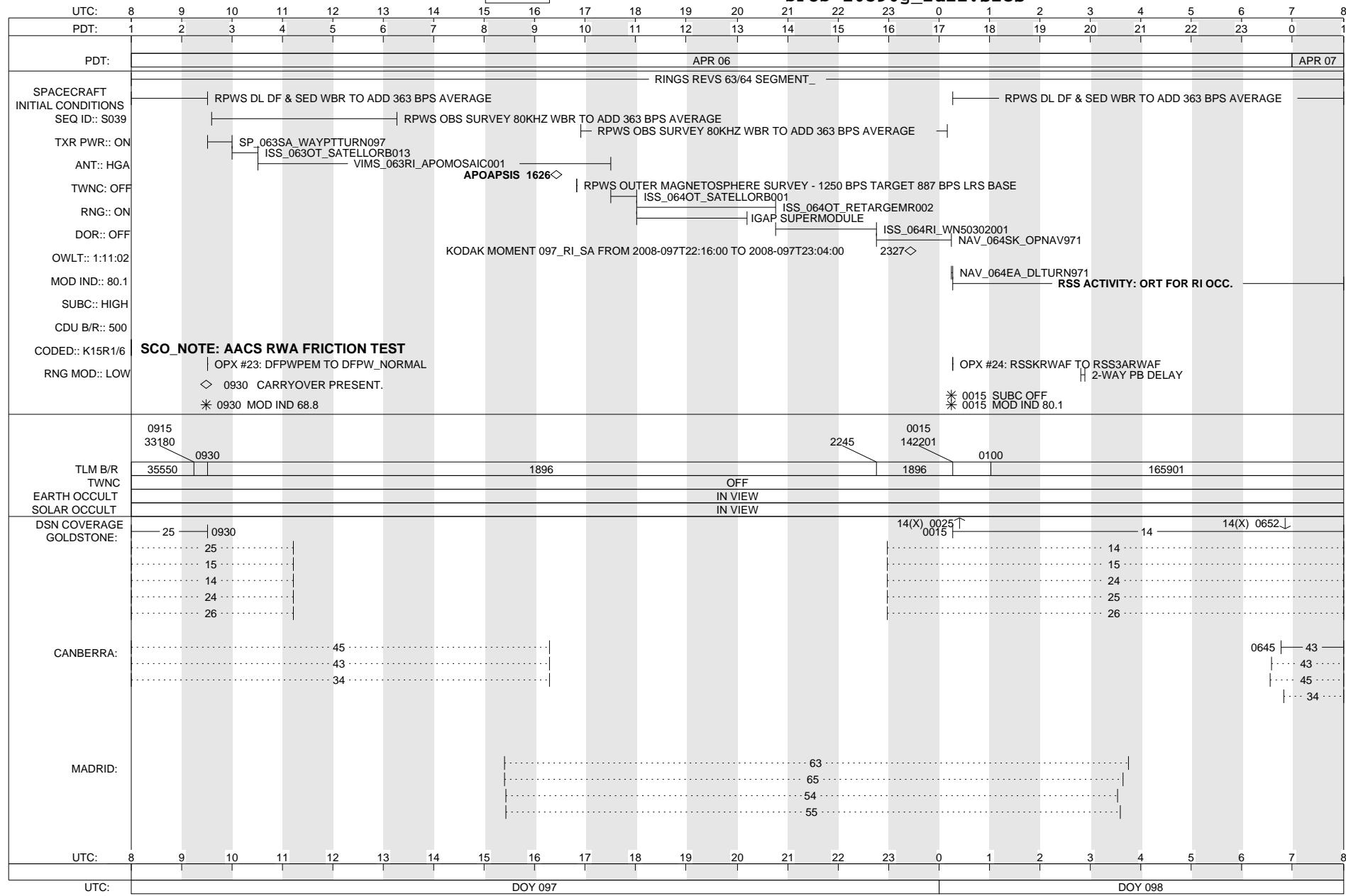
SUNDAY

097-098

APRIL 6, 2008 - APRIL 7, 2008

MISSING
IMAGE

CASSINI SFOS

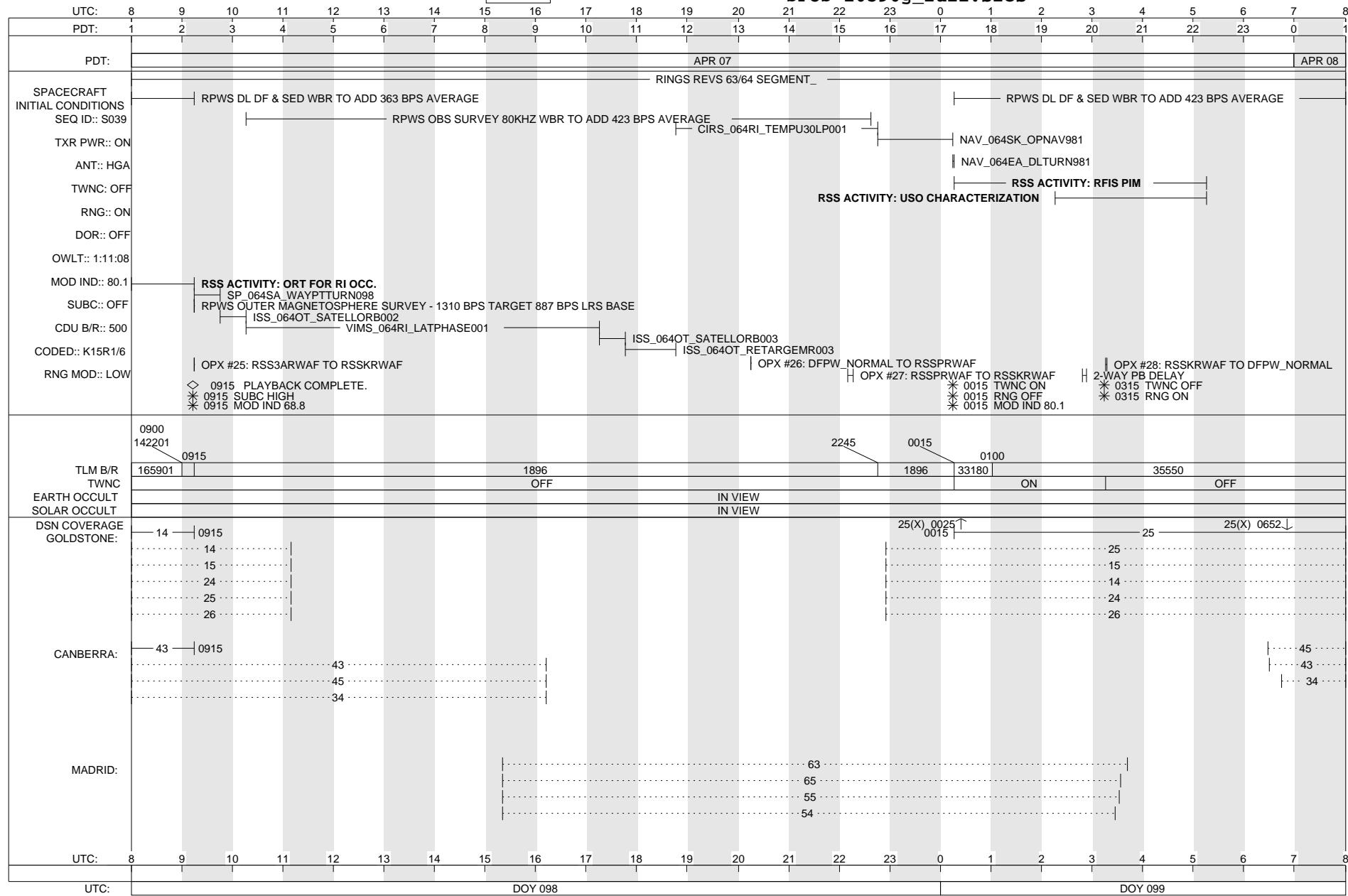
SOE z0390g_full.soe
SFOS z0390g_full.sfos


MONDAY 098-099

APRIL 7, 2008 - APRIL 8, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos

ISSUE DATE: 03/07/08

TUESDAY 099-100

APRIL 8, 2008 - APRIL 9, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos

This figure is a timeline diagram for the period of April 8 to April 10, 2009, showing the following data:

- UTCTIME:** 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.
- PDTIME:** PDT 1, 2, 3, 4, 5, 6, 7, 8.
- APPROXIMATE DATES:** APR 08, APR 09.
- SPACECRAFT INITIAL CONDITIONS:** SEQ ID: S039, RPWS DL DF & SED WBR TO ADD 423 BPS AVERAGE, RPWS OBS SURVEY 80KHZ WBR TO ADD 423 BPS AVERAGE, RINGS REV 63/64 SEGMENT_, RPWS DL DF & SED WBR TO ADD 423 BPS AVERAGE.
- TXR PWR:: ON**
- ANT:: HGA**
- TWNC:: OFF**
- RNG:: ON**
- DOR:: OFF**
- OWLT:: 1:11:15**
- MOD IND:: 80.1**
- SUBC:: HIGH**
- CDU B/R:: 500**
- CODED:: K15R1/6**
- RNG MOD:: LOW**
- RPWS OBS SURVEY 80KHZ WBR TO ADD 423 BPS AVERAGE**
- SP_064SA_WAYPTTURN099**
- ISS_064OT_YMIR099**
- VIMS_064OT_YMIR001**
- ◇ 1026 CAPS: CALIBRATION**
- ISS_064OT_SATELLORB006**
- ISS_064SA_1X2WPH60001**
- SP_064EA_DLTURN099**
- TURN TO EARTH0015<>**
- RPWS INITIATE HFR CALIBRATION SIGNAL - 1 BPS TARGET 887 BPS LRS BASE**
- ◇ 0915 CARRYOVER PRESENT.**
- * 0915 MOD IND 68.8**
- 2-WAY PB DELAY**
- * 0015 MOD IND 80.1**
- TLM B/R**
- TWNC**
- EARTH OCCULT**
- SOLAR OCCULT**
- 0900
33180
0915**
- 35550**
- 1896**
- OFF**
- 0015**
- 0100**
- 33180**
- 35550**
- 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 099**
- DOY 100**

Page 19 of 30

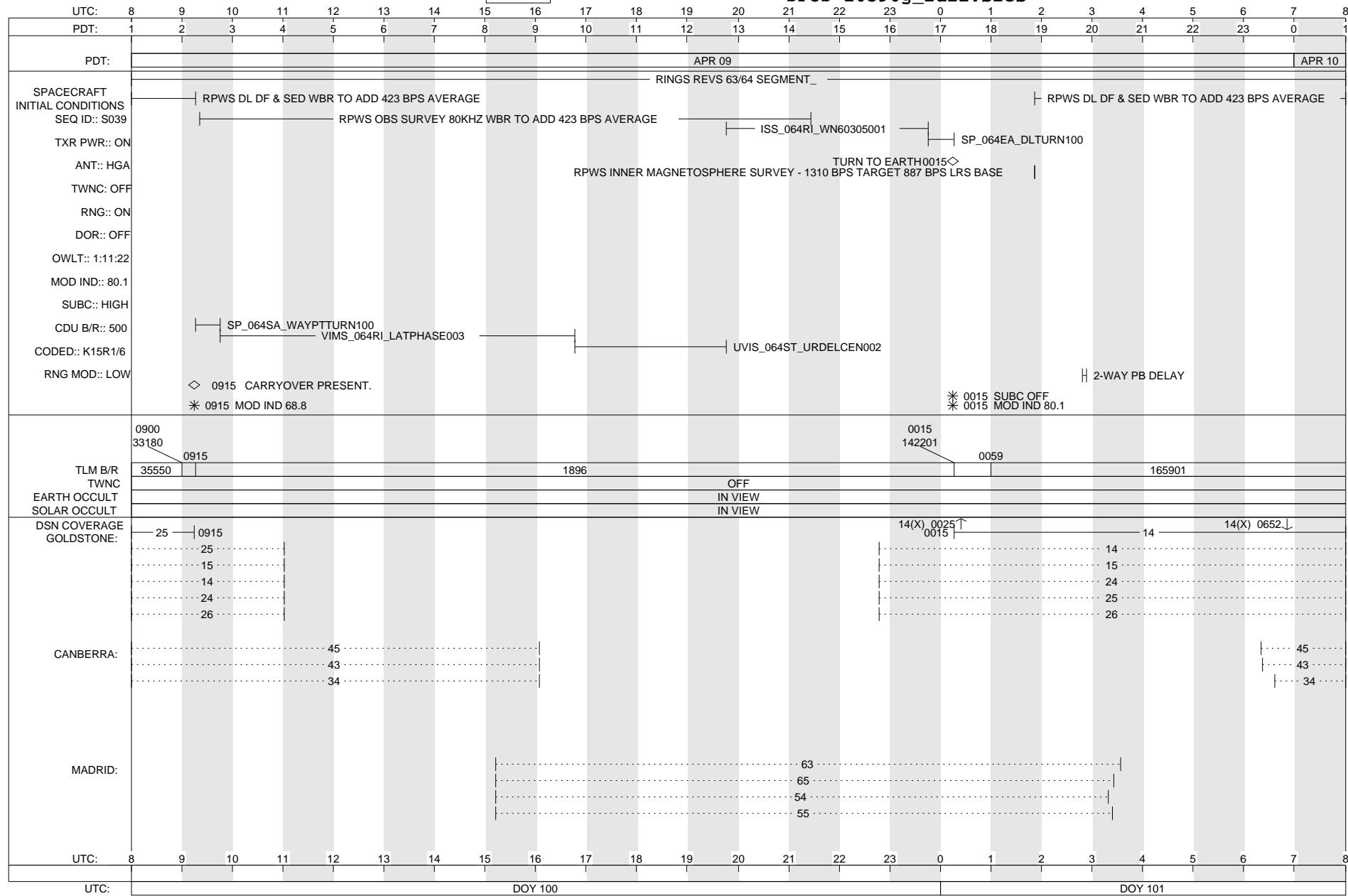
WEDNESDAY 100-101

APRIL 9, 2008 - APRIL 10, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos



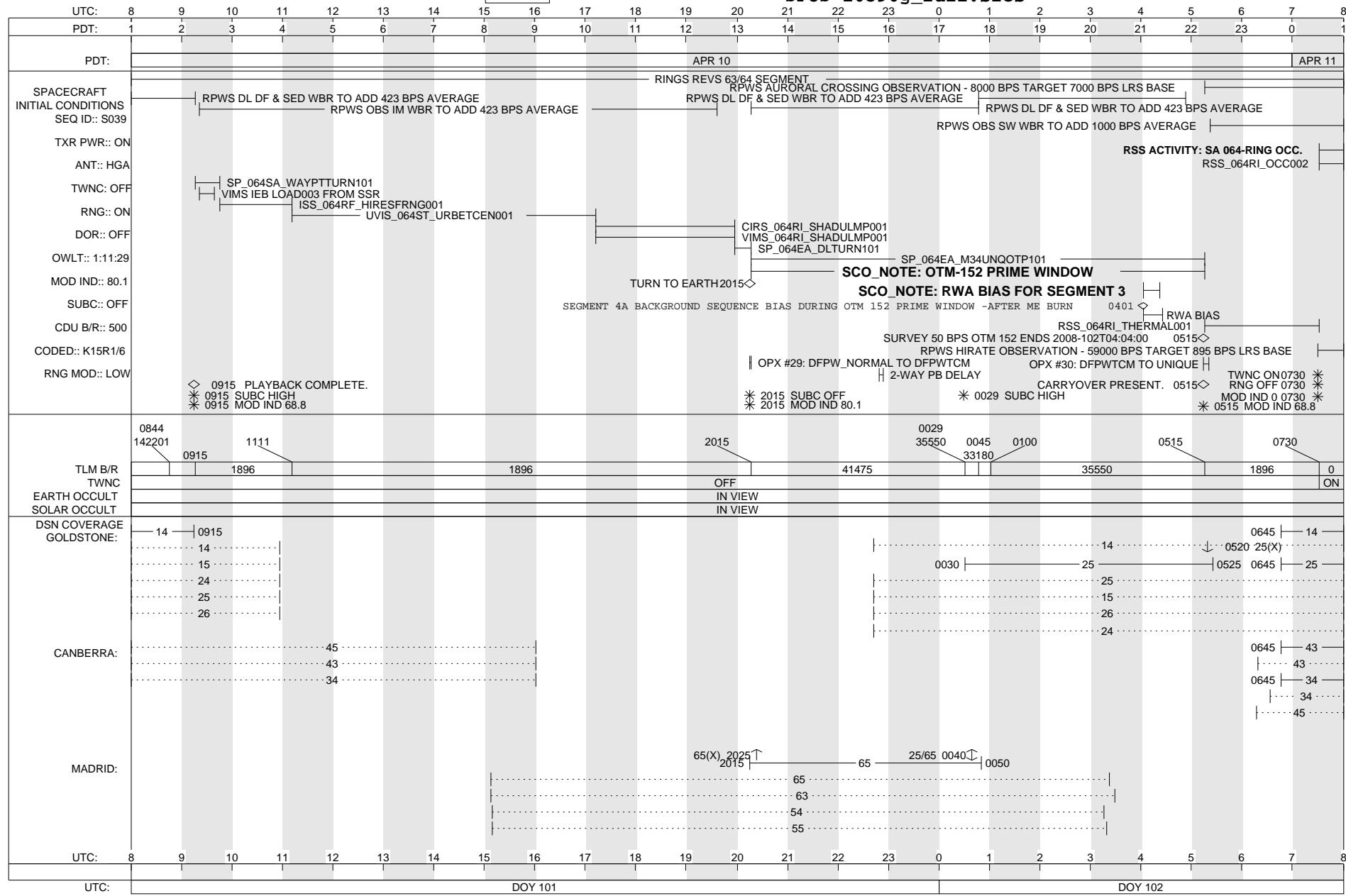
THURSDAY 101-102

APRIL 10, 2008 - APRIL 11, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos



ISSUE DATE: 03/07/08

FRIDAY

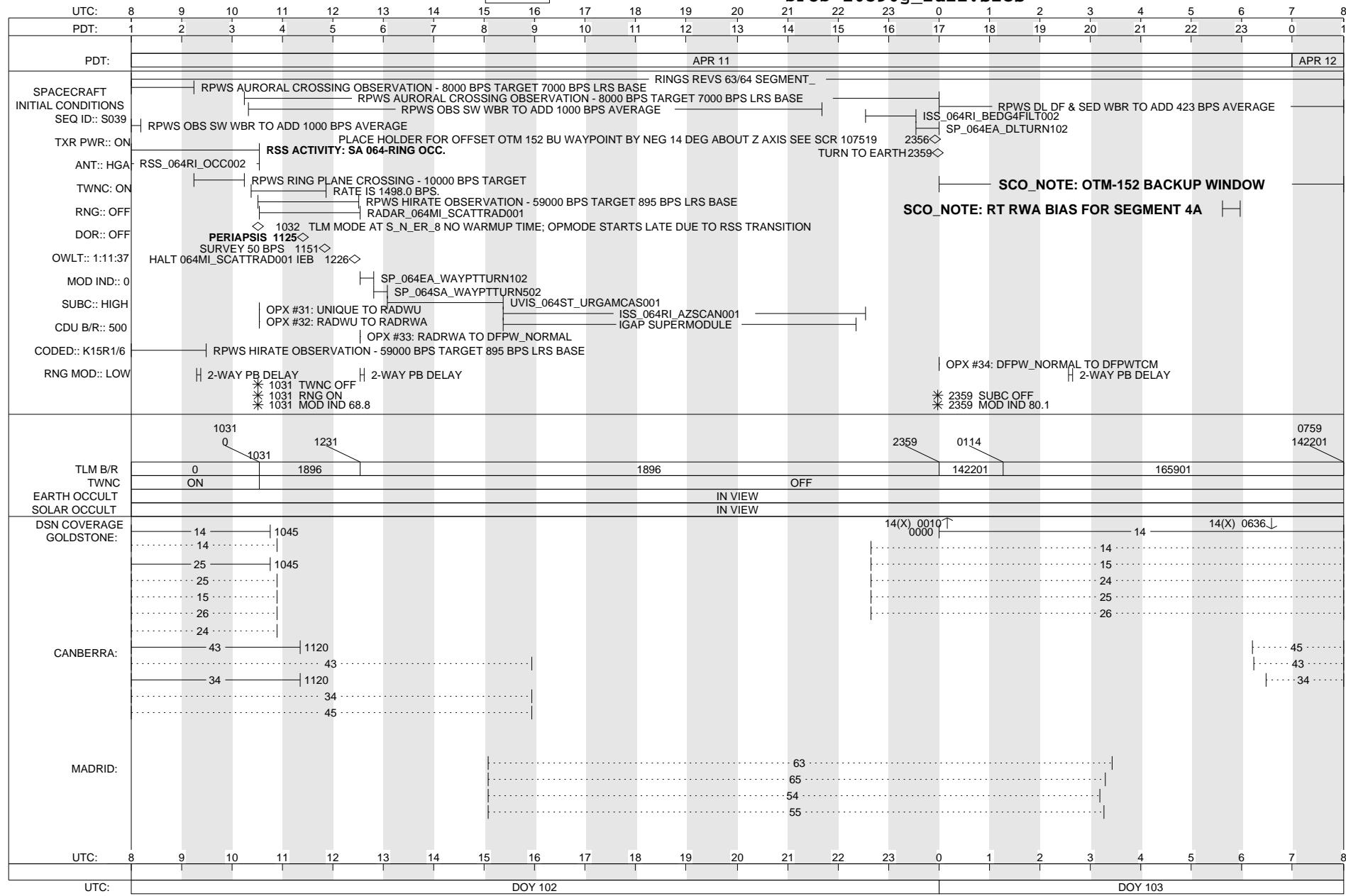
102-103

APRIL 11, 2008 - APRIL 12, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos

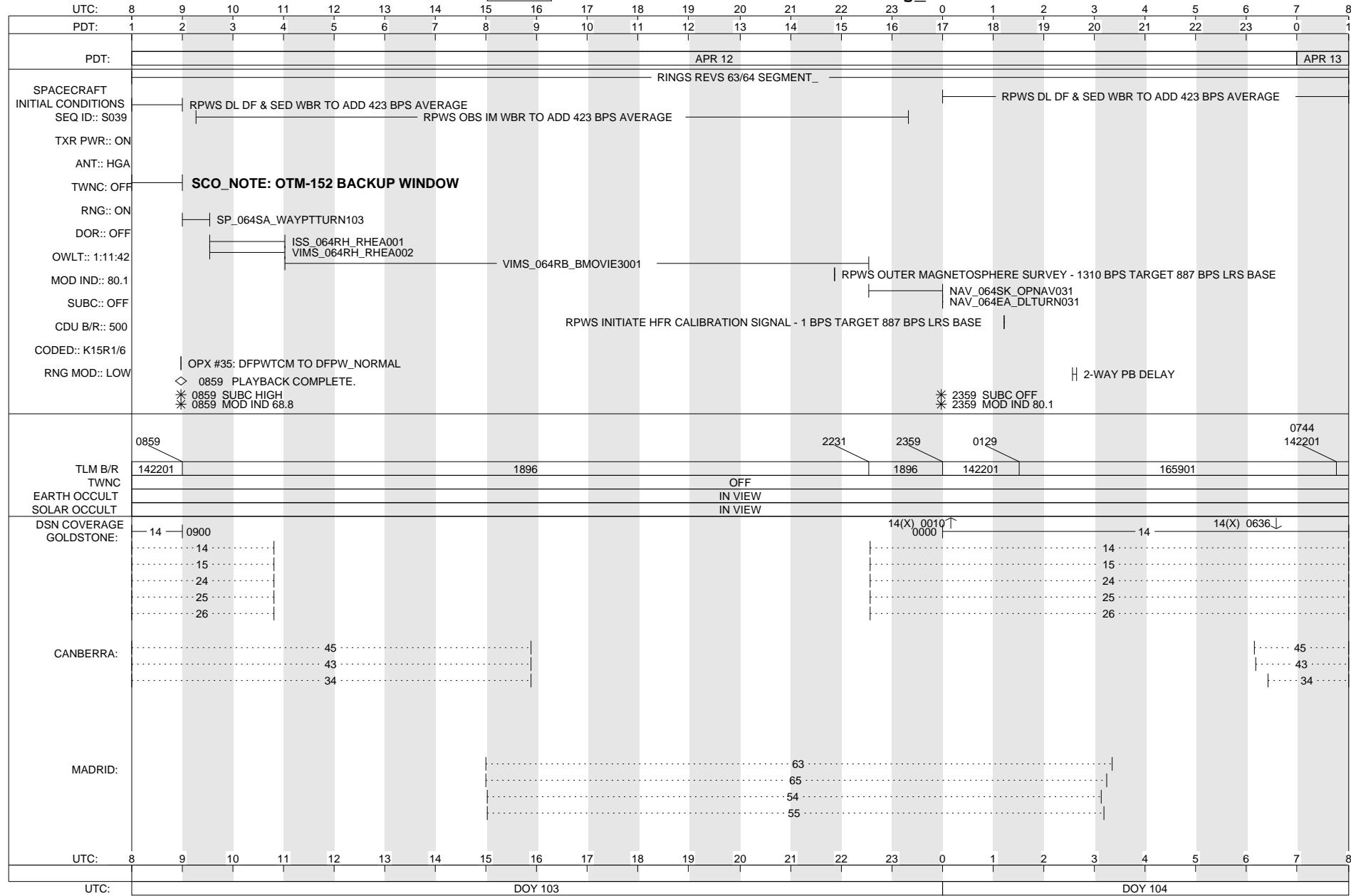


SATURDAY 103-104

APRIL 12, 2008 - APRIL 13, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos


SUNDAY

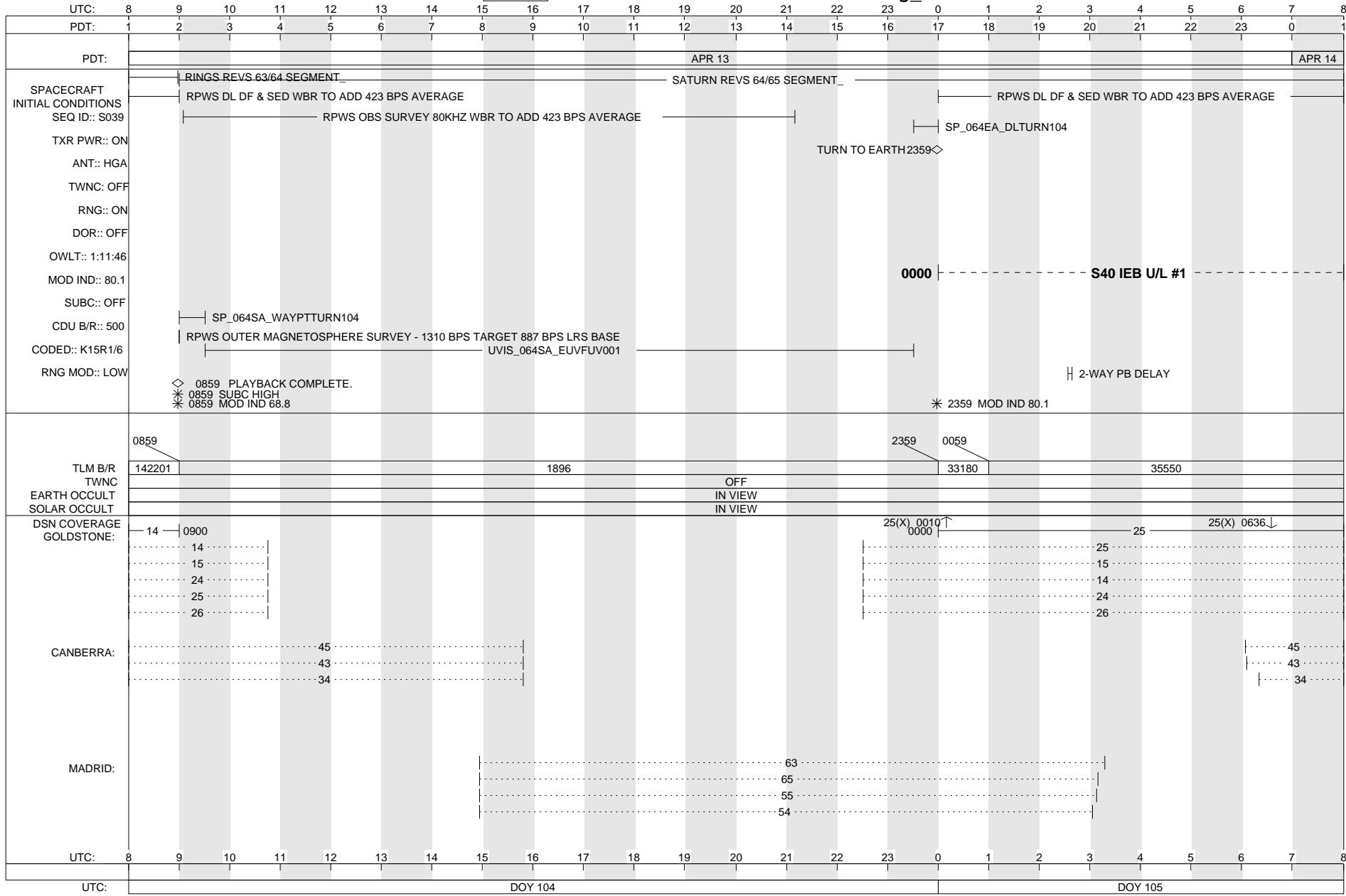
104-105

APRIL 13, 2008 - APRIL 14, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos



ISSUE DATE: 03/07/08

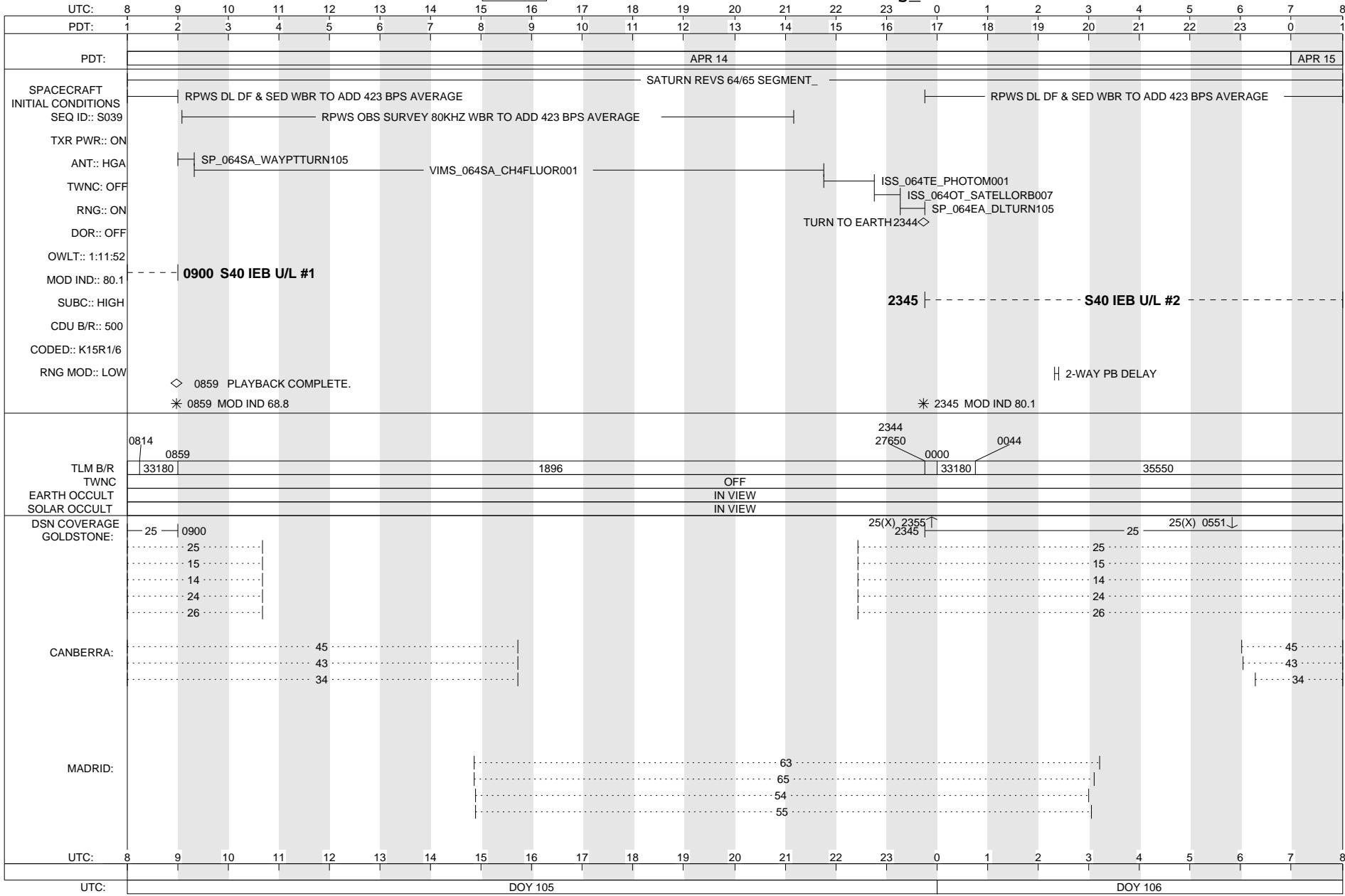
MONDAY 105-106

APRIL 14, 2008 - APRIL 15, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos



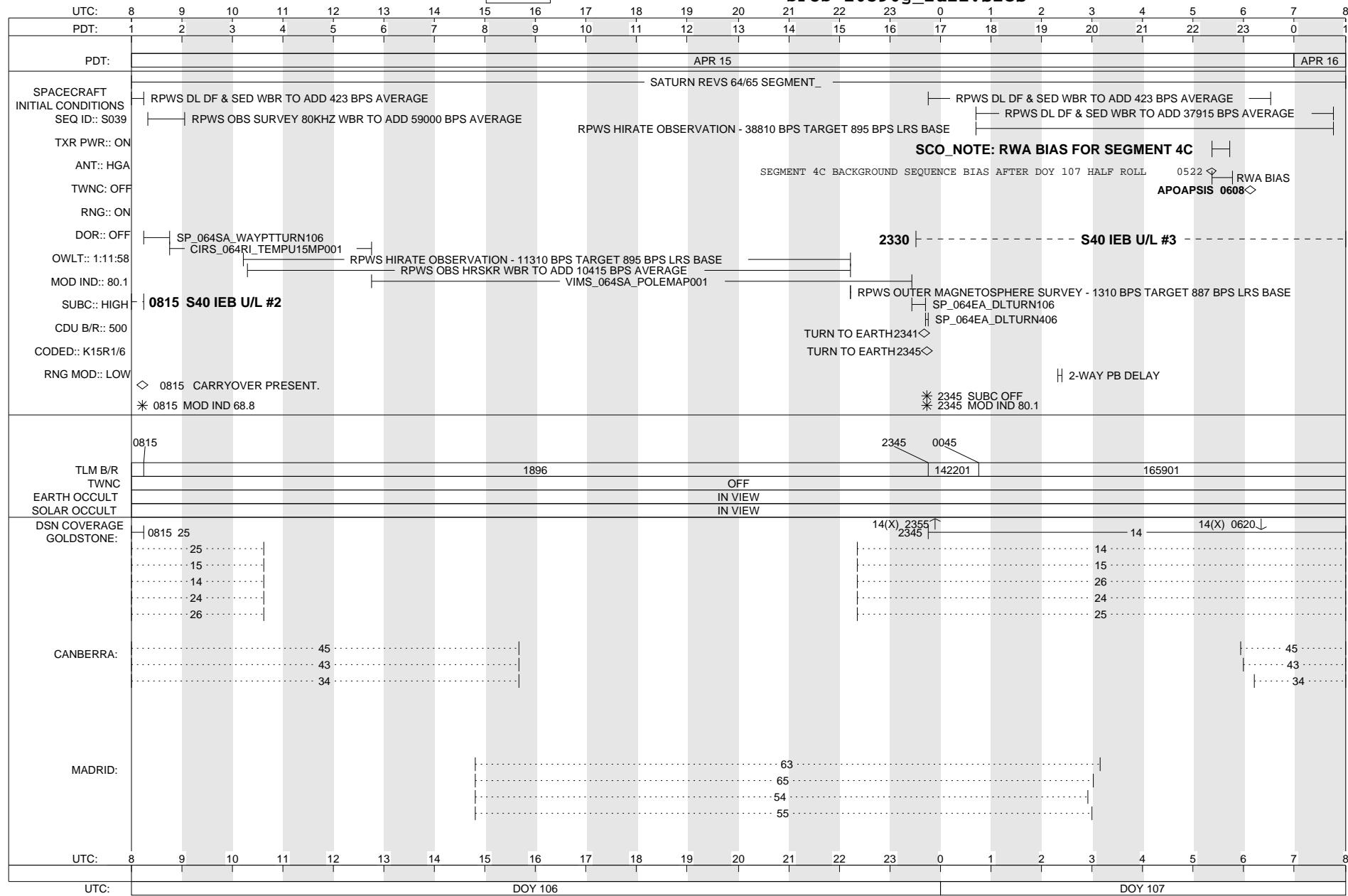
TUESDAY 106-107

APRIL 15, 2008 - APRIL 16, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos



ISSUE DATE: 03/07/08

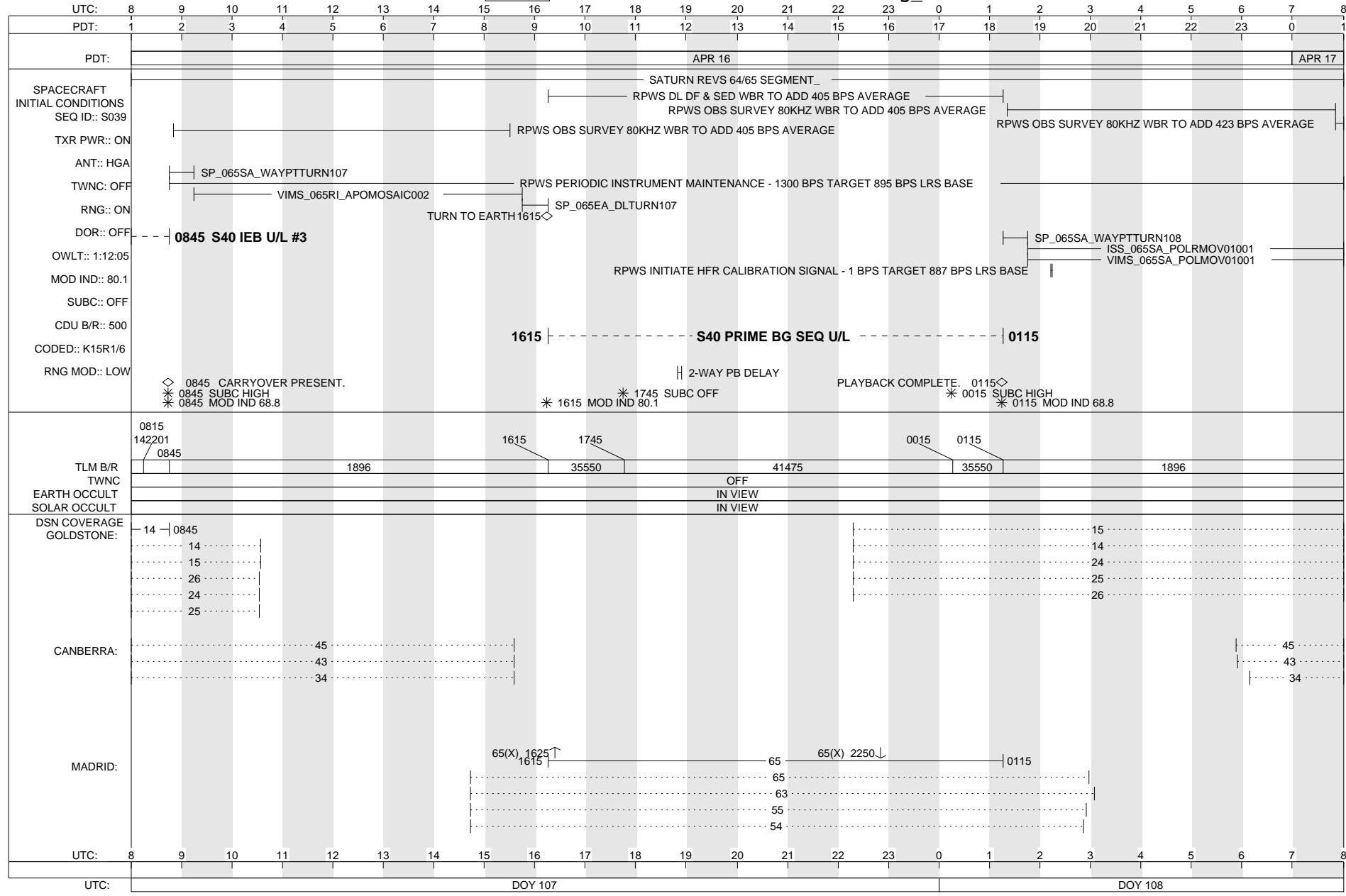
WEDNESDAY 107-108

APRIL 16, 2008 - APRIL 17, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos



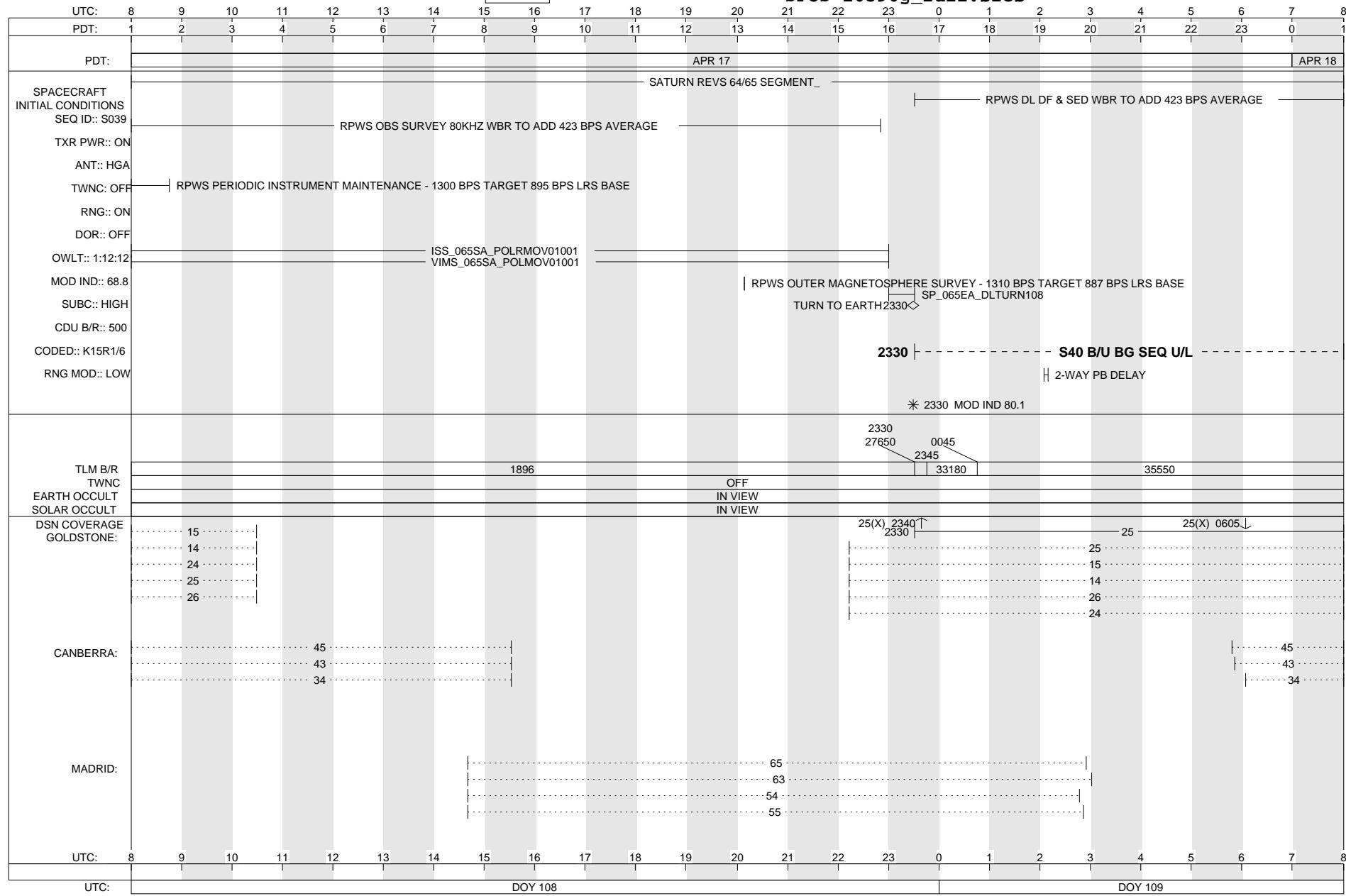
THURSDAY 108-109

APRIL 17, 2008 - APRIL 18, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos



ISSUE DATE: 03/07/08

FRIDAY

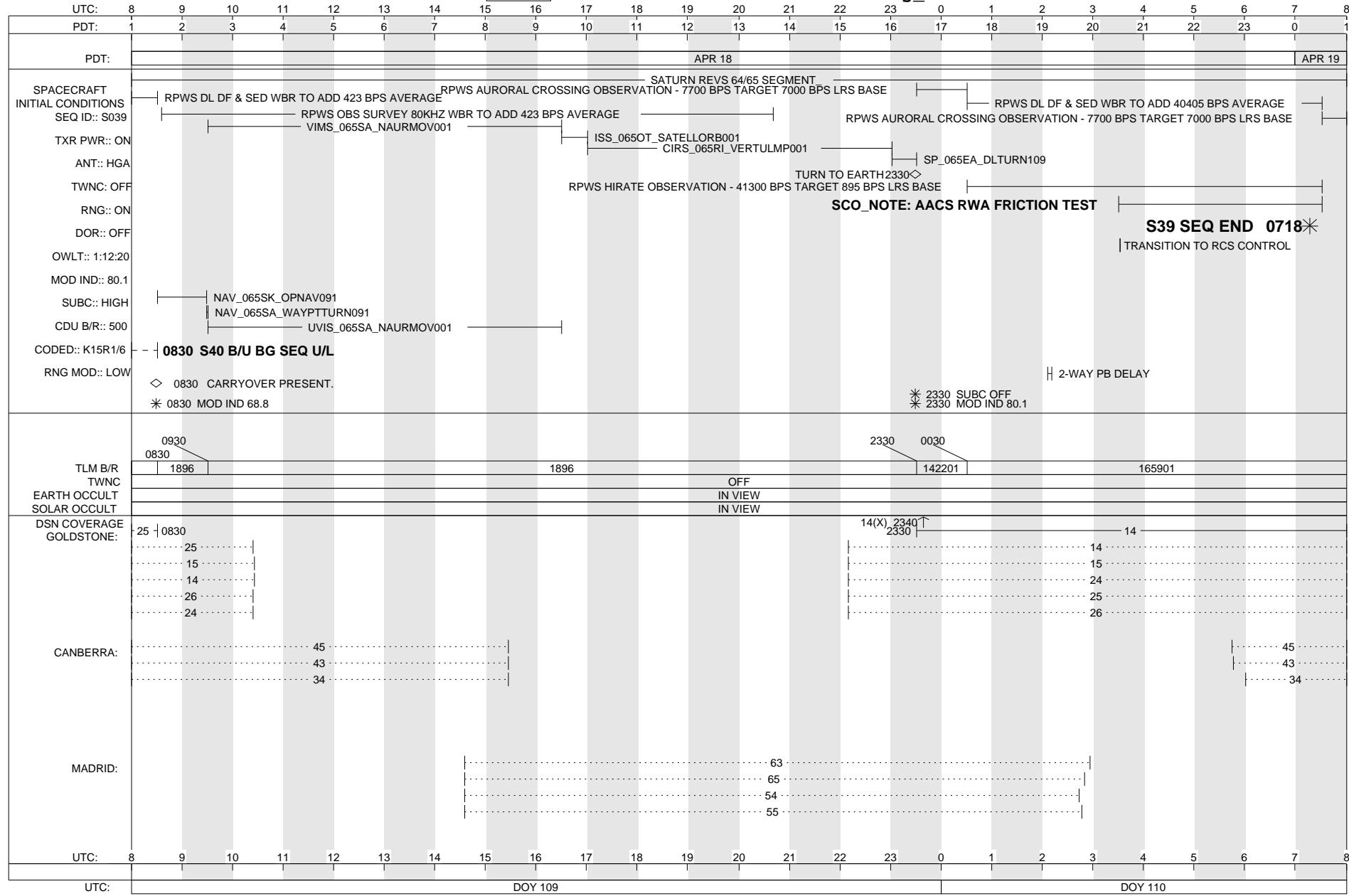
109-110

APRIL 18, 2008 - APRIL 19, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0390g_full.soe
SFOS z0390g_full.sfos



SATURDAY 110-111

APRIL 19, 2008 - APRIL 20, 2008

MISSING
IMAGE

CASSINI SFOS
SOE z0390g_full.soe
SFOS z0390g_full.sfos

	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:																											
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		
PDT:																											APR 20
SPACECRAFT INITIAL CONDITIONS																											
SEQ ID:: S039																											
TXR PWR:: ON																											
ANT:: HGA																											
TWNC: OFF																											
RNG:: ON																											
DOR:: OFF																											
OWLT:: 1:12:28																											
MOD IND:: 80.1																											
SUBC:: OFF																											
CDU B/R:: 500																											
CODED:: K15R1/6																											
RNG MOD:: LOW																											
					</td																						