

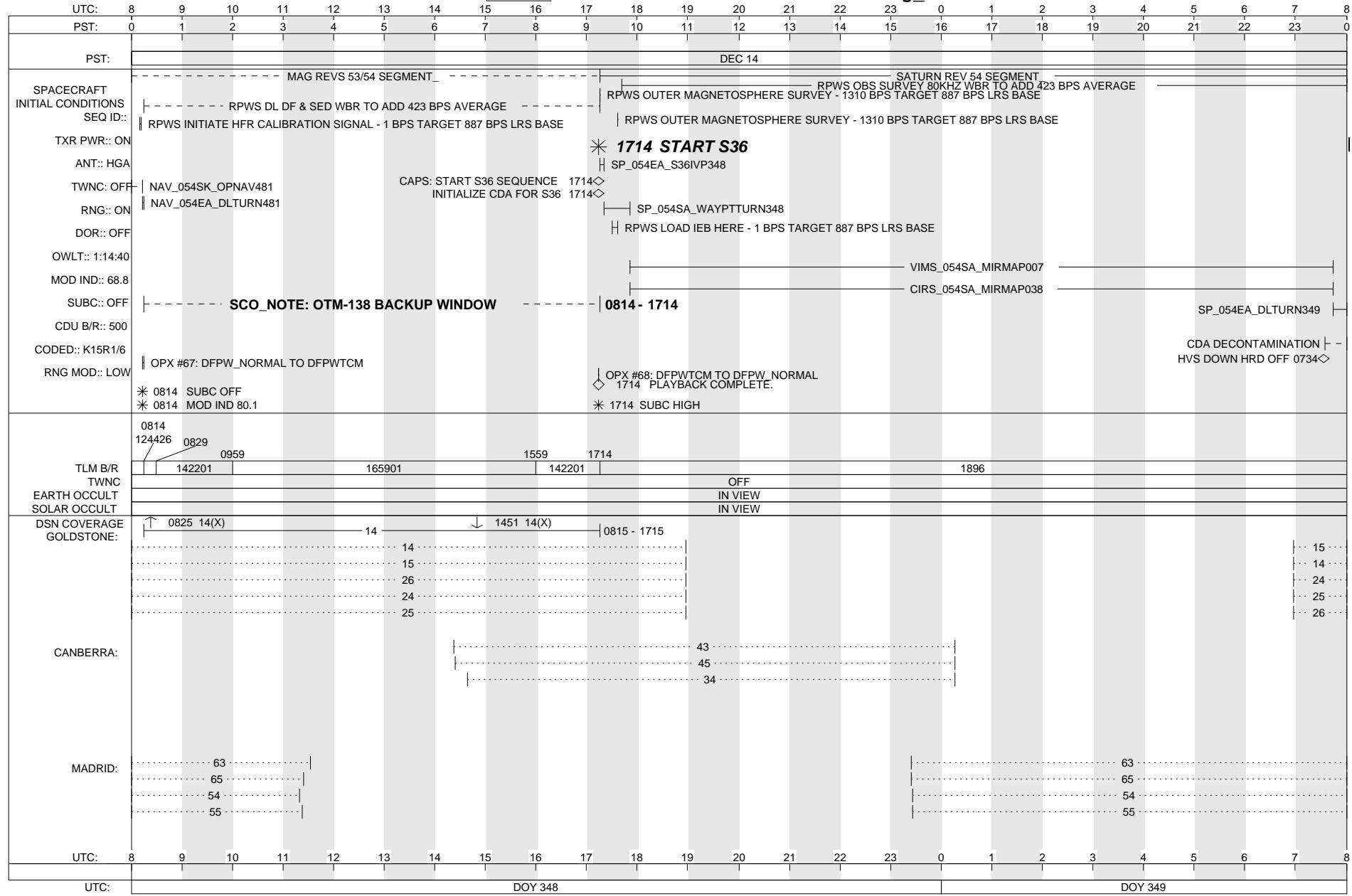
FRIDAY

348-349

DECEMBER 14, 2007 - DECEMBER 15, 2007



CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos

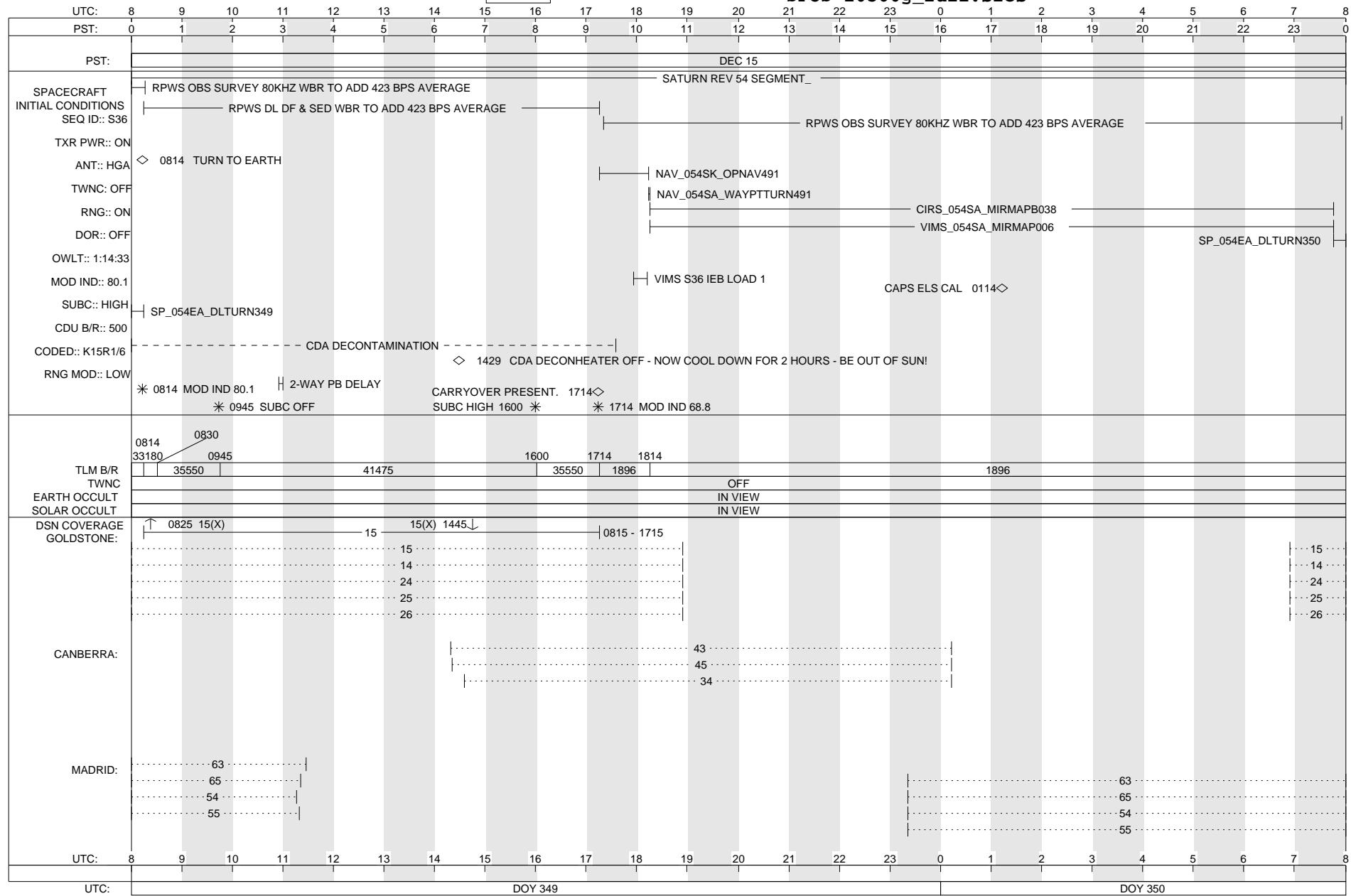
ISSUE DATE: 12/06/07

SATURDAY 349-350

DECEMBER 15, 2007 - DECEMBER 16, 2007



CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos

ISSUE DATE: 12/06/07

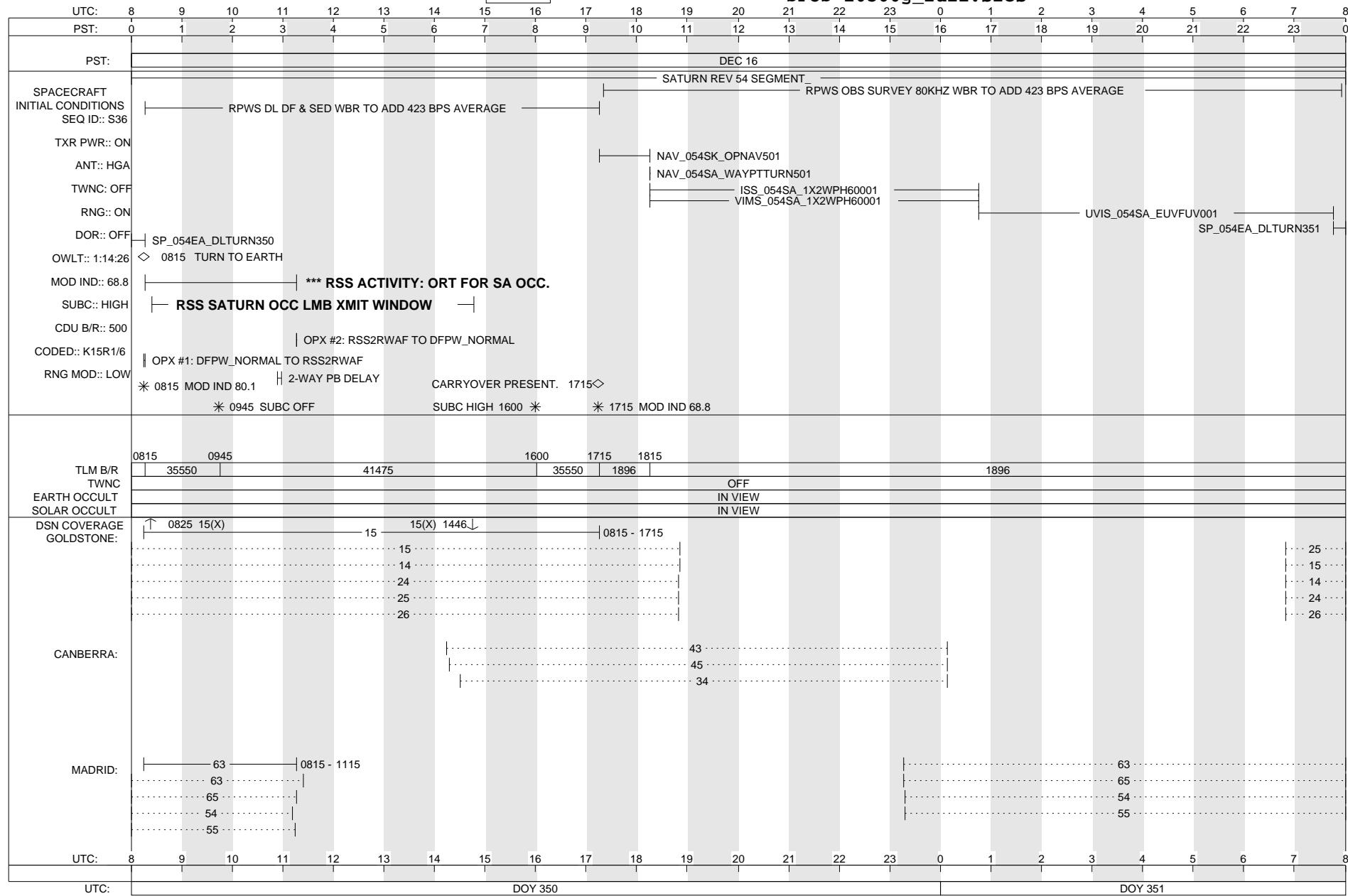
SUNDAY

350-351

DECEMBER 16, 2007 - DECEMBER 17, 2007



CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos

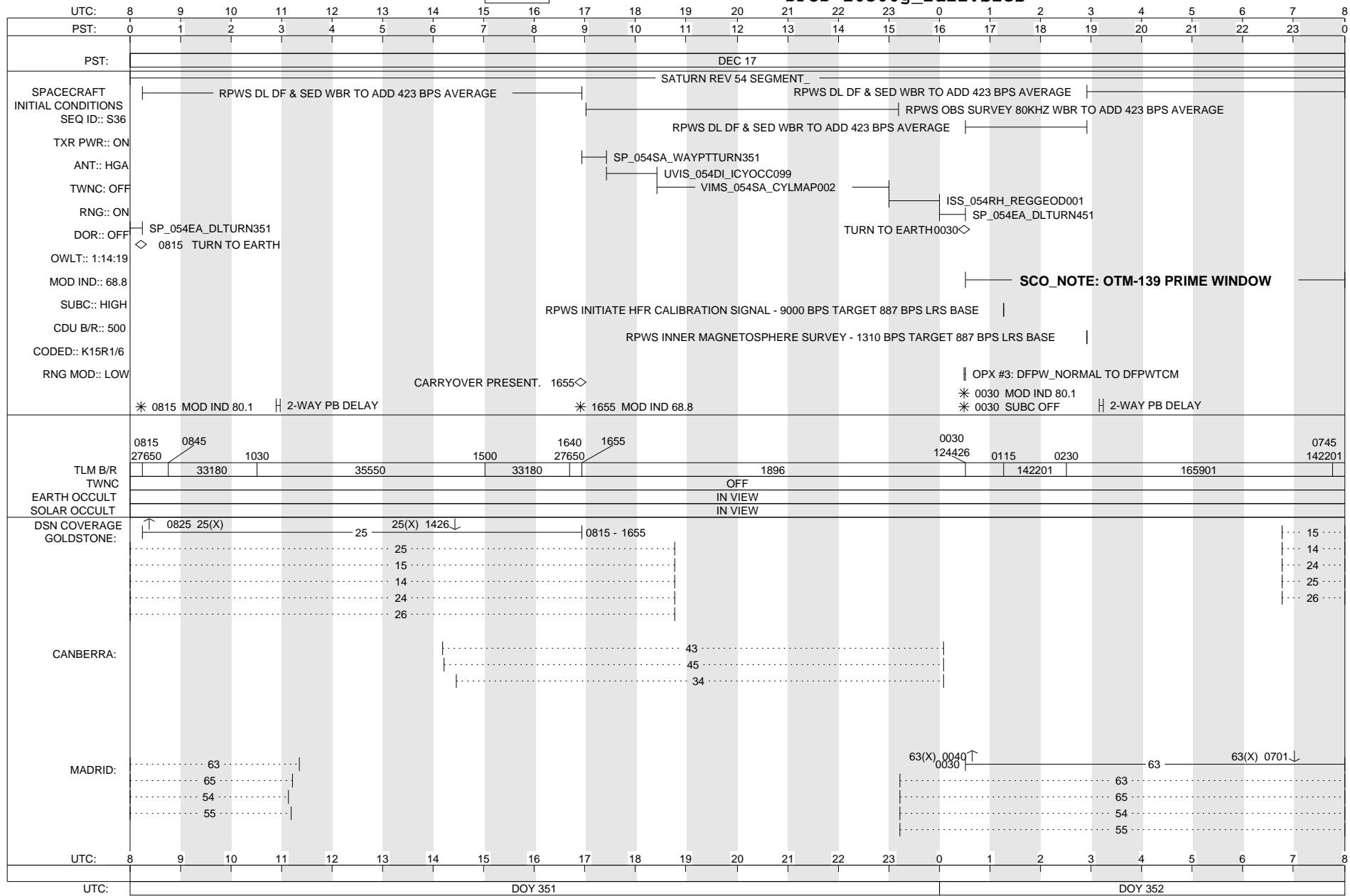
ISSUE DATE: 12/06/07

MONDAY 351-352

DECEMBER 17, 2007 - DECEMBER 18, 2007



CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos

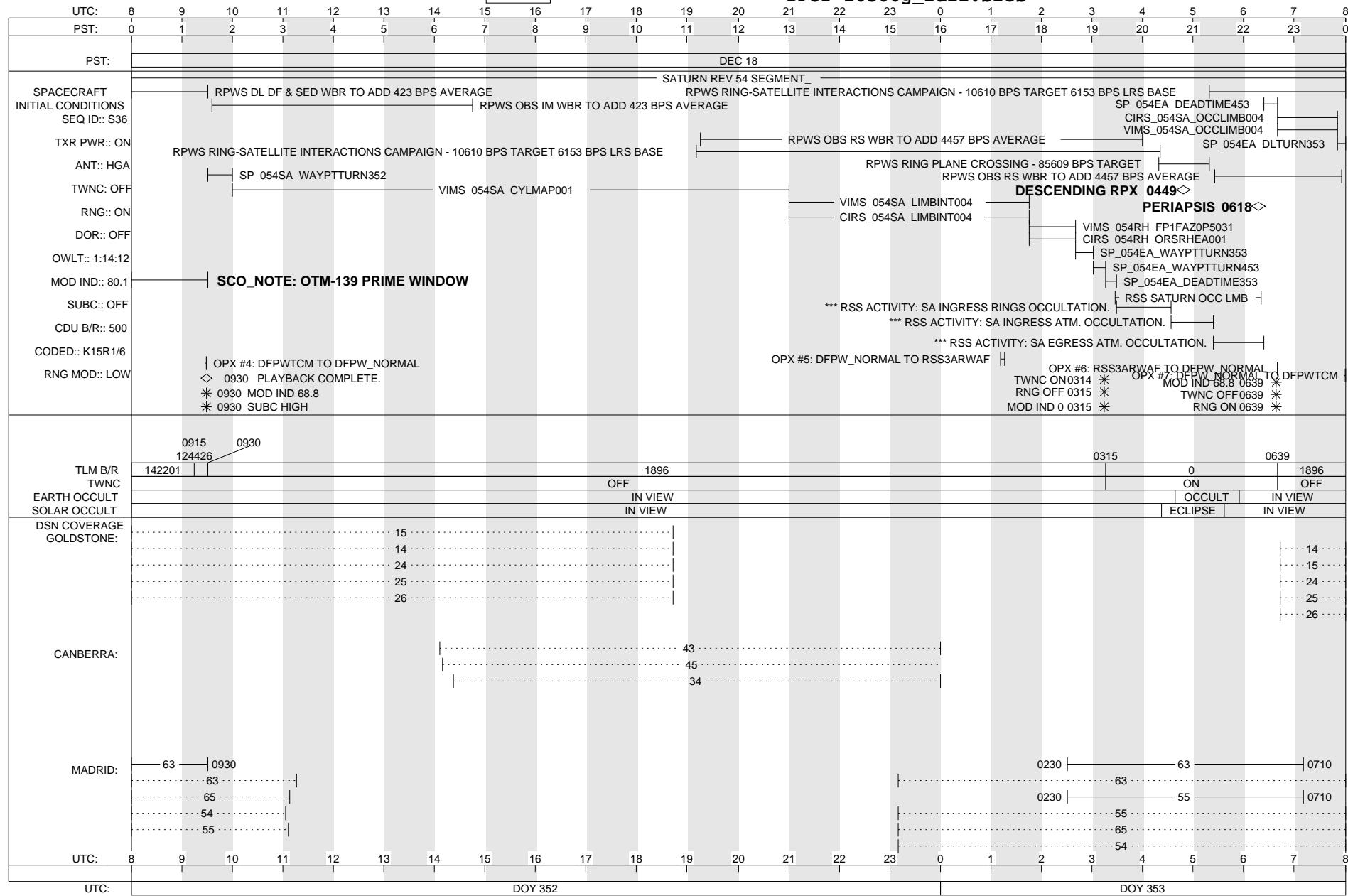
ISSUE DATE: 12/06/07

TUESDAY 352-353

DECEMBER 18, 2007 - DECEMBER 19, 2007



CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos

WEDNESDAY 353-354

DECEMBER 19, 2007 - DECEMBER 20, 2007

MISSING
IMAGE

CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos

This figure is a timeline diagram for December 19, 2013, showing the sequence of events for a space mission. The timeline is divided into UTC and PST time zones, with specific events and sensor coverage indicated by bars and labels.

SPACECRAFT INITIAL CONDITIONS

- SEQ ID: S36
- RPWS RING-SATELLITE INTERACTIONS CAMPAIGN - 10610 BPS TARGET 6153 BPS LRS BASE
- RPWS DL DF & SED WBR TO ADD 423 BPS AVERAGE
- RPWS DL DF & SED WBR TO ADD 4457 BPS AVERAGE
- RPWS RING-SATELLITE INTERACTIONS CAMPAIGN - 8310 BPS TARGET 6153 BPS LRS BASE
- RPWS INNER MAGNETOSPHERE SURVEY - 1310 BPS TARGET 887 BPS LRS BASE

TXR PWR:: ON

- SP_054EA_DLTURN353
- RPWS OBS RS WBR TO ADD 2157 BPS AVERAGE
- TURN TO EARTH

ANT:: HGA

TWNC:: OFF

RNG:: ON

DOR:: OFF

OWLT:: 1:14:05

MOD IND:: 68.8

SUBC:: HIGH

CDU B/R:: 500

CODED:: K15R1/6

RNG MOD:: LOW

- OPX #7: DFPW_NORMAL TO DFPWTM
- CARRYOVER PRESENT. 1705
- OPX #8: DFPWTM TO DFPW_NORMAL
- SCO_NOTE: AACs RWA-2-RCS TRANSITION
- SCO_NOTE: AACs RCS-2-RWA TRANSITION
- 2-WAY PB DELAY

SCO_NOTE: OTM-139 BACKUP WINDOW

RPWS WHISTLER WBR - 36017 BPS TARGET

RPWS OBS IM WBR TO ADD 423 BPS AVERAGE

VIMS_054SA_NADIROCC007

VIMS_054SA_NADIROCC007

CIRS_054DI_ORSDIONE001

VIMS_054DL_FP1FAZOP5032

CIRS_054RI_SUBML08LP001

VIMS_054RI_SUBML001

TURN TO EARTH 0329

SP_054EA_DLTURN354

2-WAY PB DELAY

CARRYOVER PRESENT. 0529

MOD IND 80.1 0329 *

SUBC OFF 0329 *

*** 0529 SUBC HIGH**

0807 124426 0830

1330 1430 1651 124426 1705

142201 165901 142201 1896 0329 0529 0614

OFF

IN VIEW

IN VIEW

TLM B/R

TWNC

EARTH OCCULT

SOLAR OCCULT

DSN COVERAGE GOLDSTONE:

- ↑ 0815 14(X)
- 14
- 14(X) 1437↓
- 14
- 0805 - 1710
- 15
- 14
- 24
- 25
- 26
- 15
- 14
- 24
- 25
- 26

CANBERRA:

- 43
- 45
- 34

MADRID:

- 63
- 55
- 65
- 54
- 0330
- 63
- 0530
- 55(X) 0102↑
- 0050
- 55
- 65
- 54

UTC:

PST:

DEC 19

SATURN REV 54 SEGMENT

DOY 353

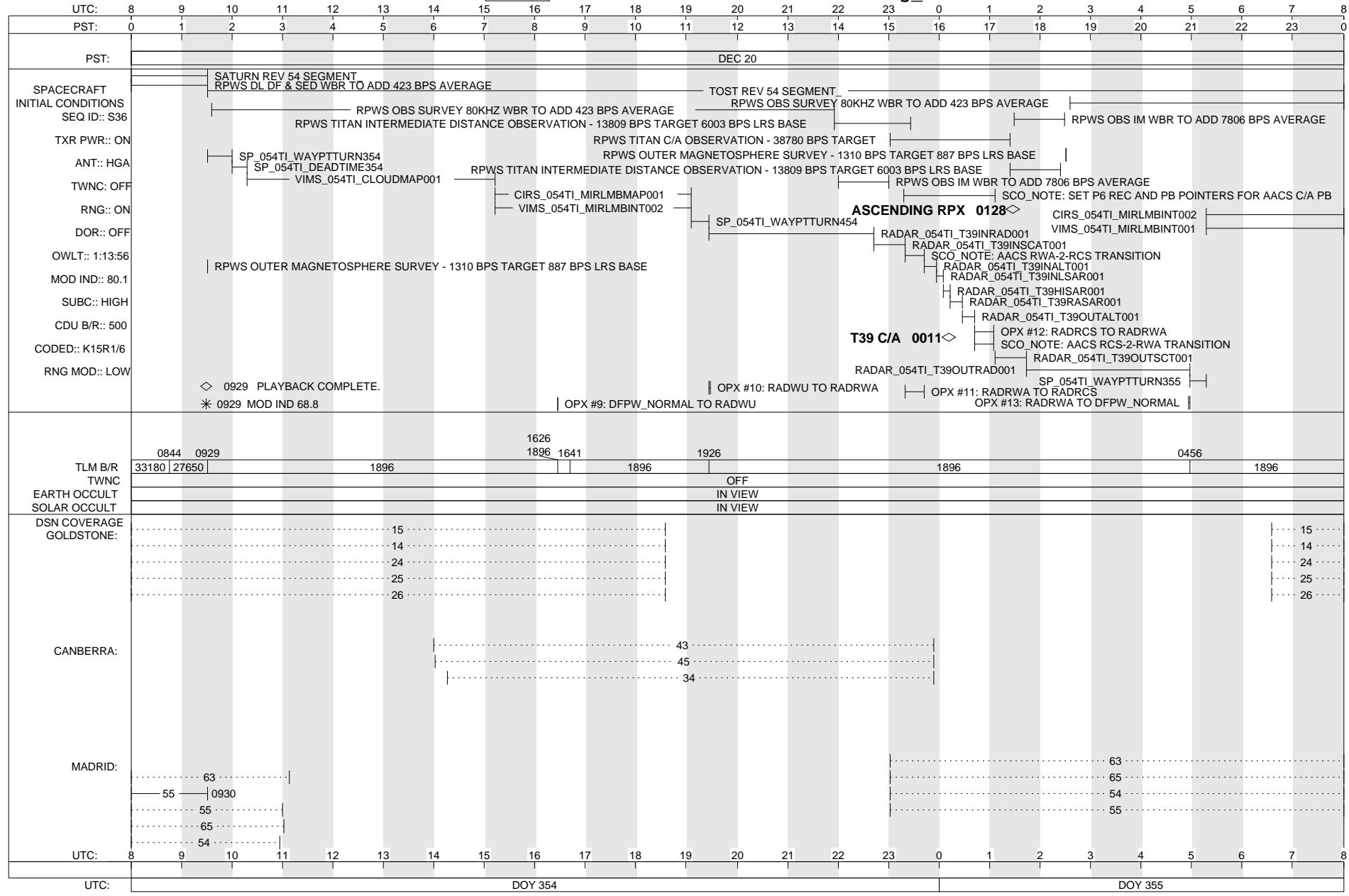
DOY 354

THURSDAY 354-355

DECEMBER 20, 2007 - DECEMBER 21, 2007



CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos

ISSUE DATE: 12/06/07

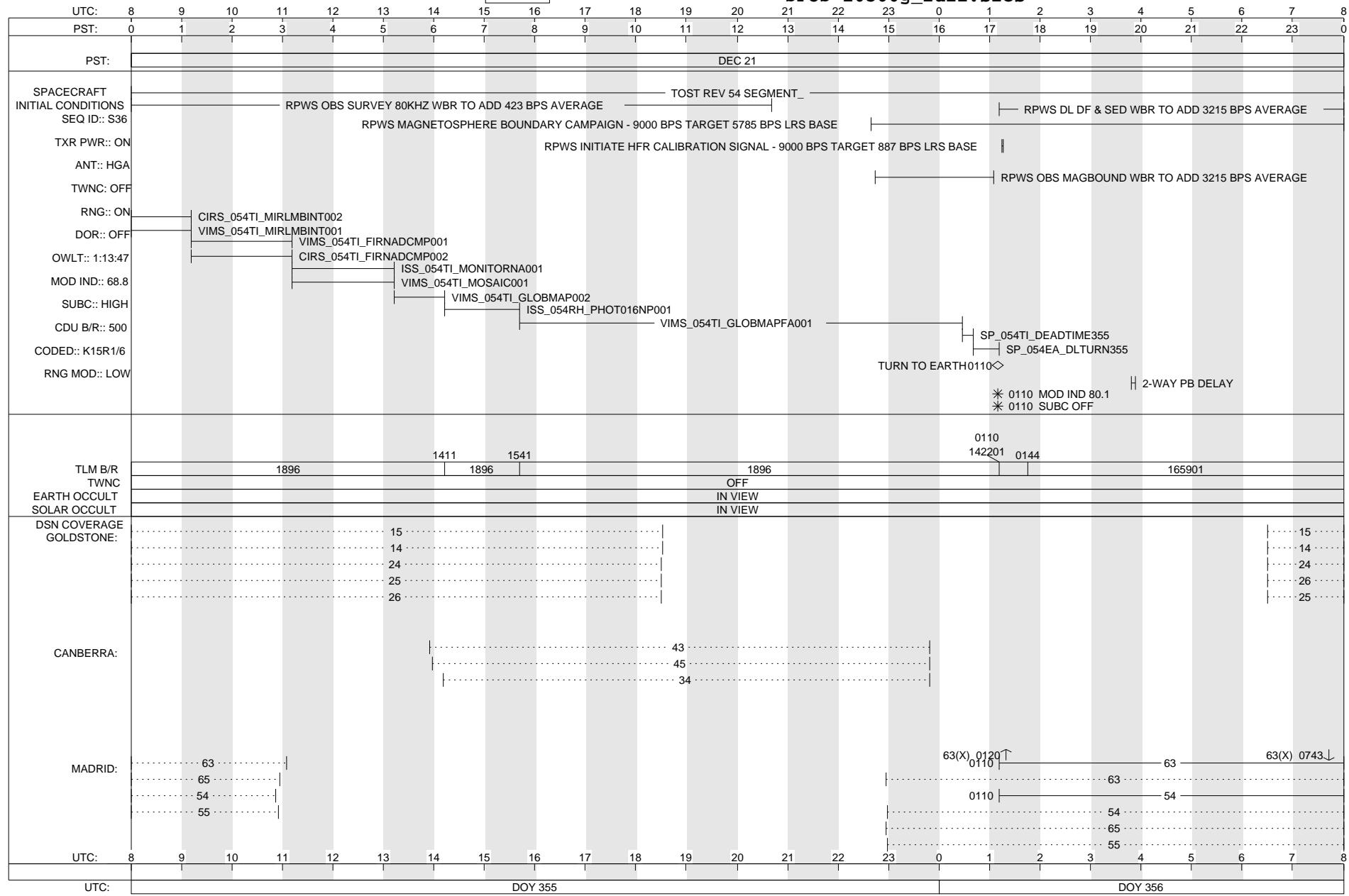
FRIDAY

355-356

DECEMBER 21, 2007 - DECEMBER 22, 2007



CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos

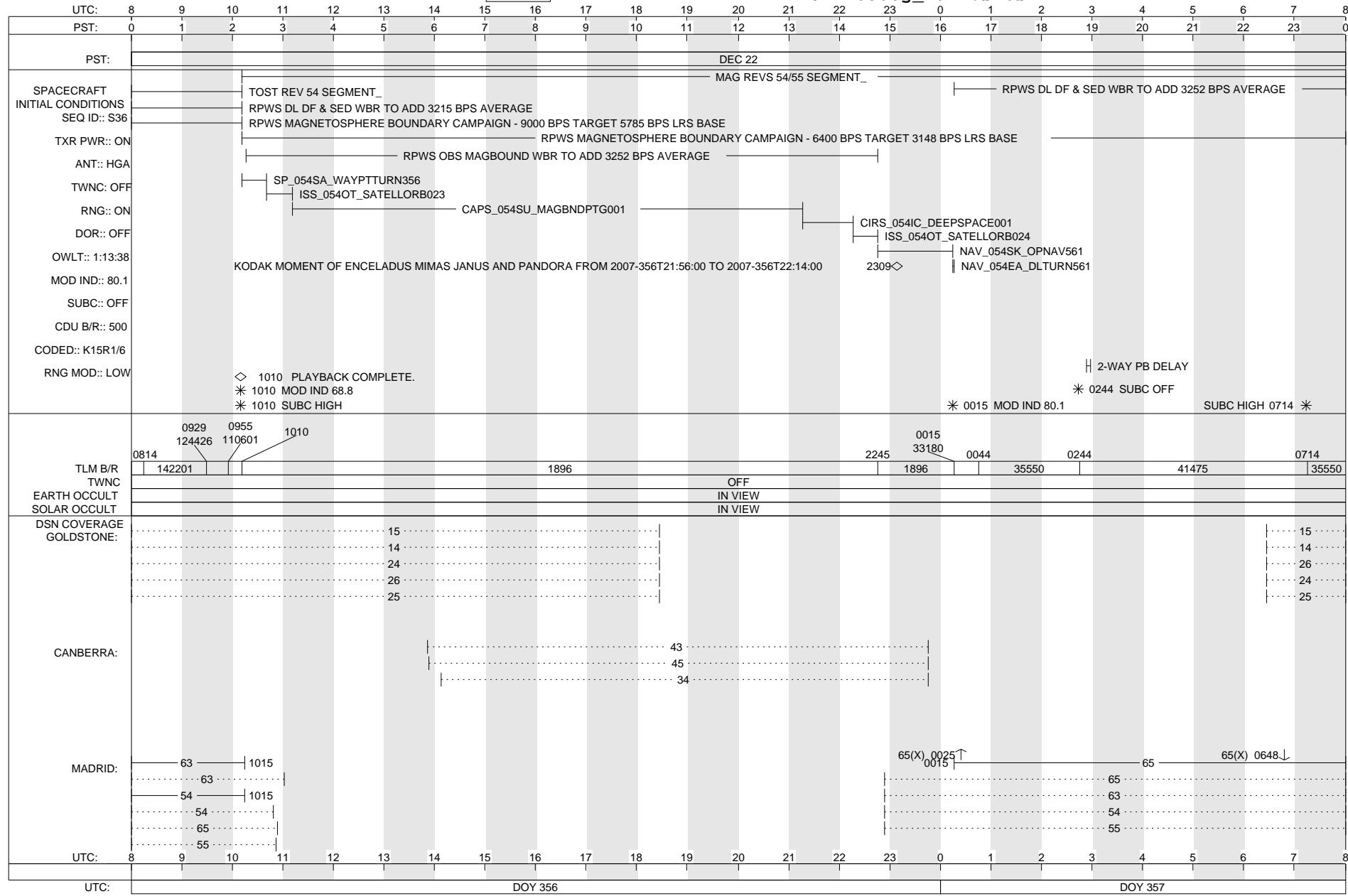
ISSUE DATE: 12/06/07

SATURDAY 356-357

DECEMBER 22, 2007 - DECEMBER 23, 2007



CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos

ISSUE DATE: 12/06/07

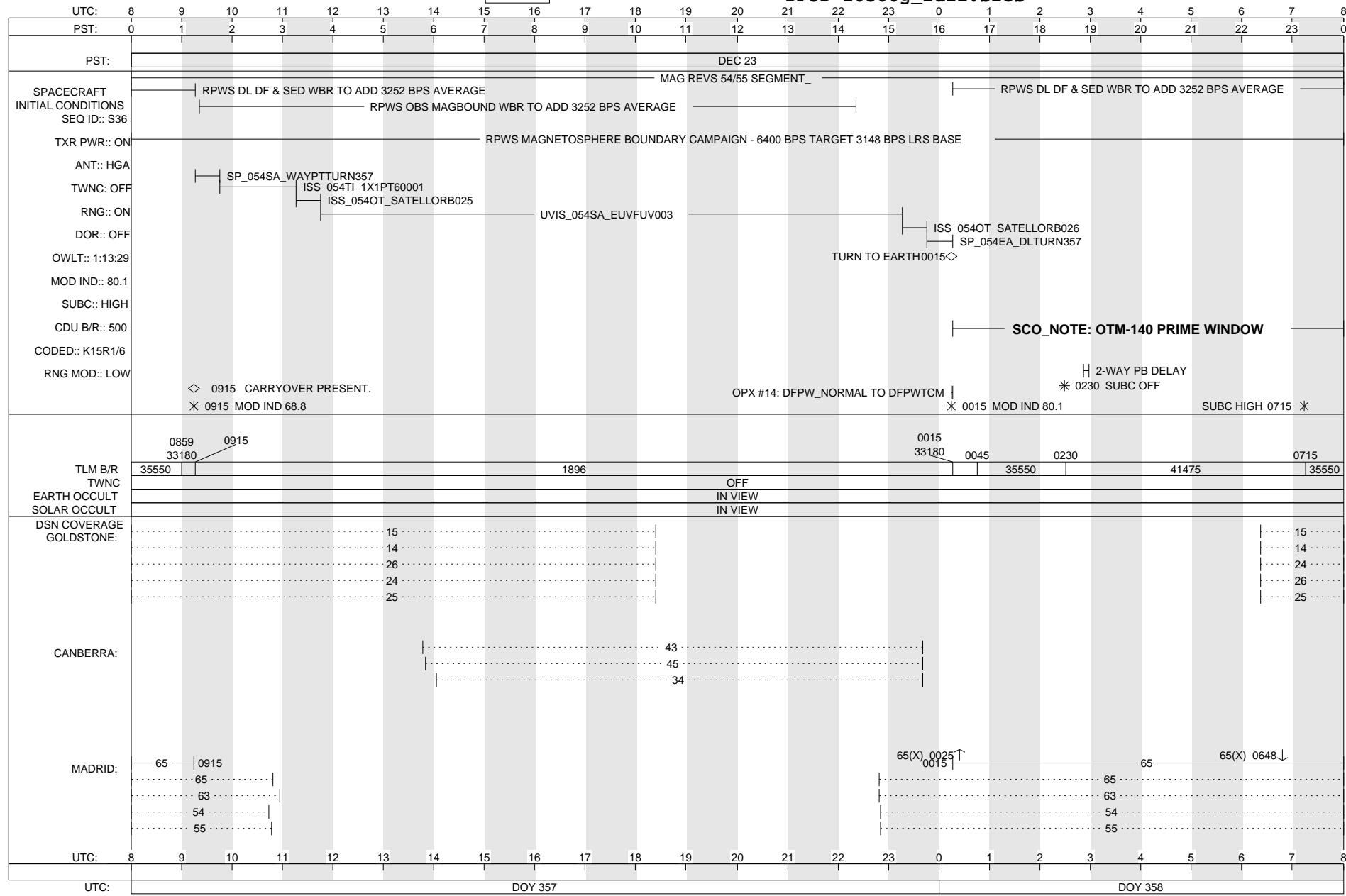
SUNDAY

357-358

DECEMBER 23, 2007 - DECEMBER 24, 2007



CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos

ISSUE DATE: 12/06/07

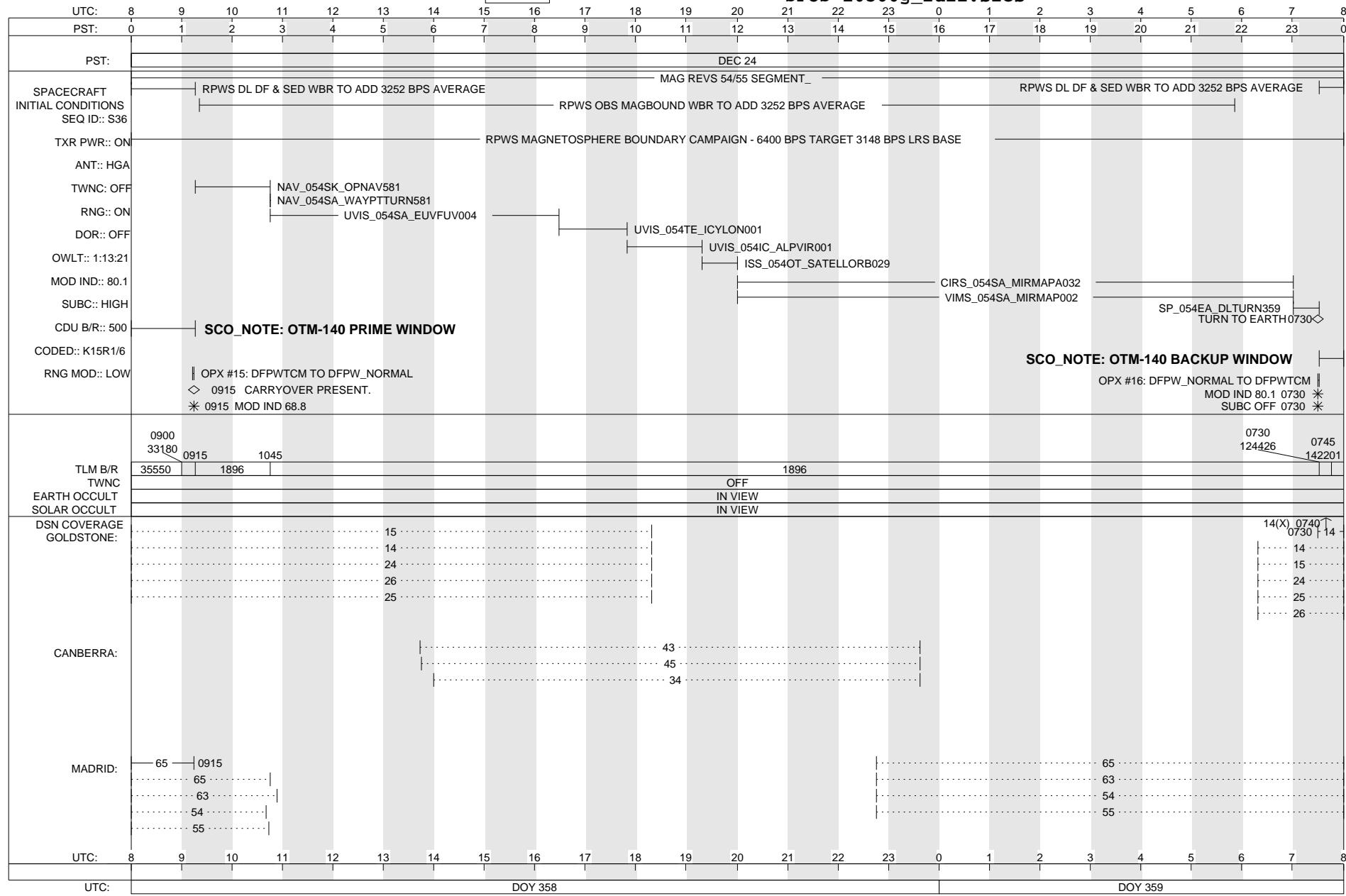
MONDAY

358-359

DECEMBER 24, 2007 - DECEMBER 25, 2007



CASSINI SFOS

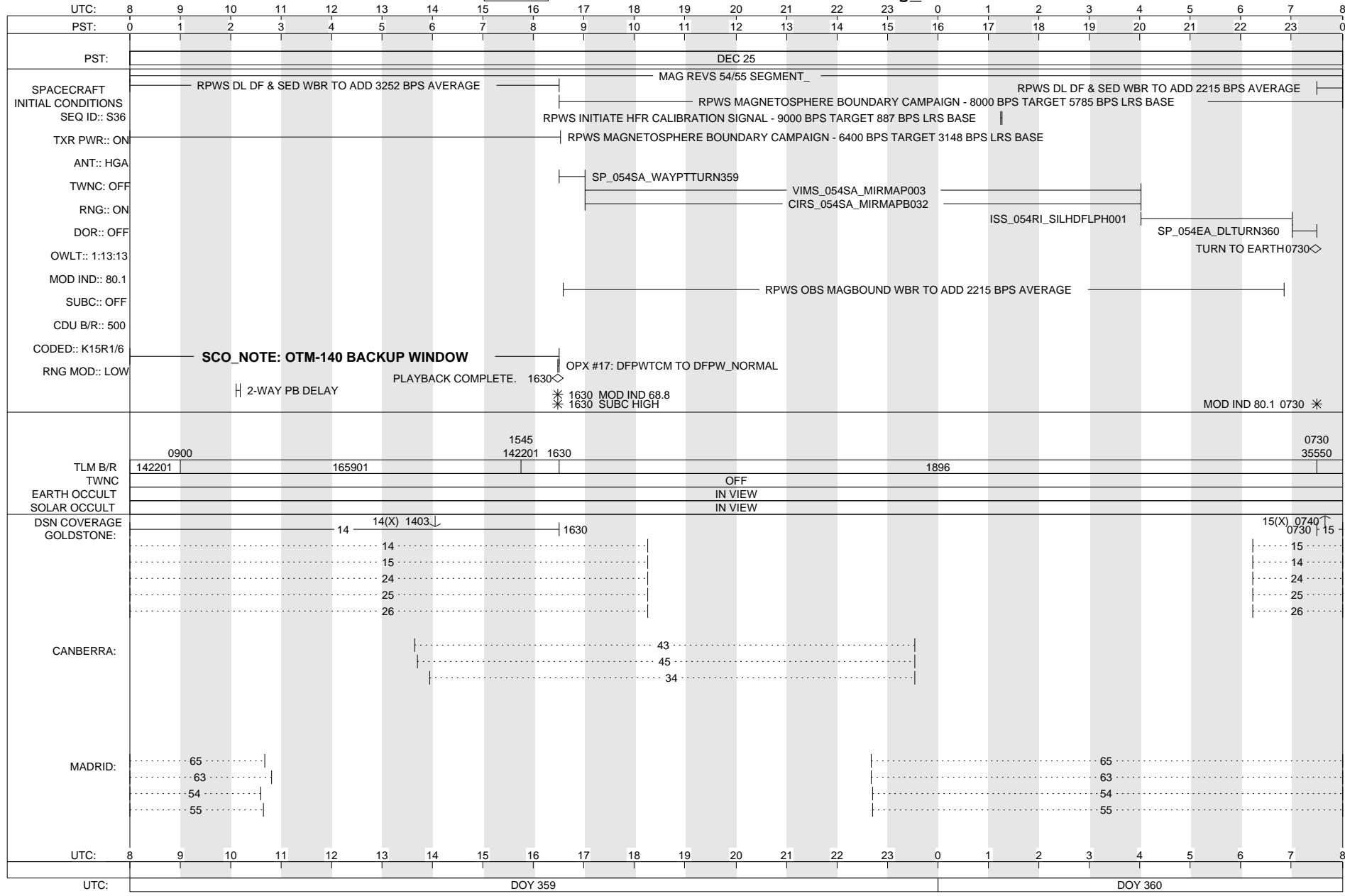
SOE z0360g_full.soe
SFOS z0360g_full.sfos

TUESDAY 359-360

DECEMBER 25, 2007 - DECEMBER 26, 2007



CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos

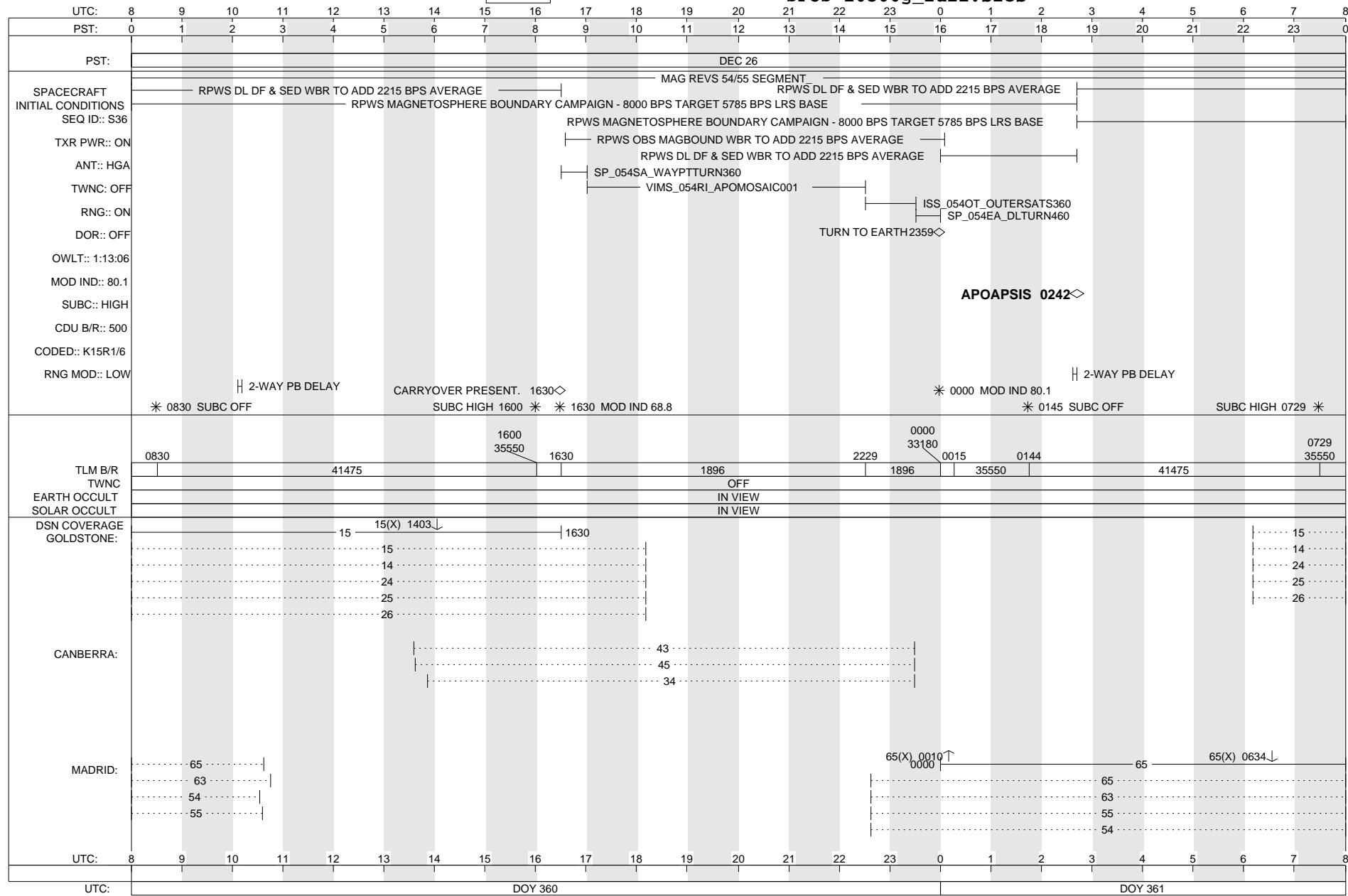
ISSUE DATE: 12/06/07

WEDNESDAY 360-361

DECEMBER 26, 2007 - DECEMBER 27, 2007



CASSINI SFOS

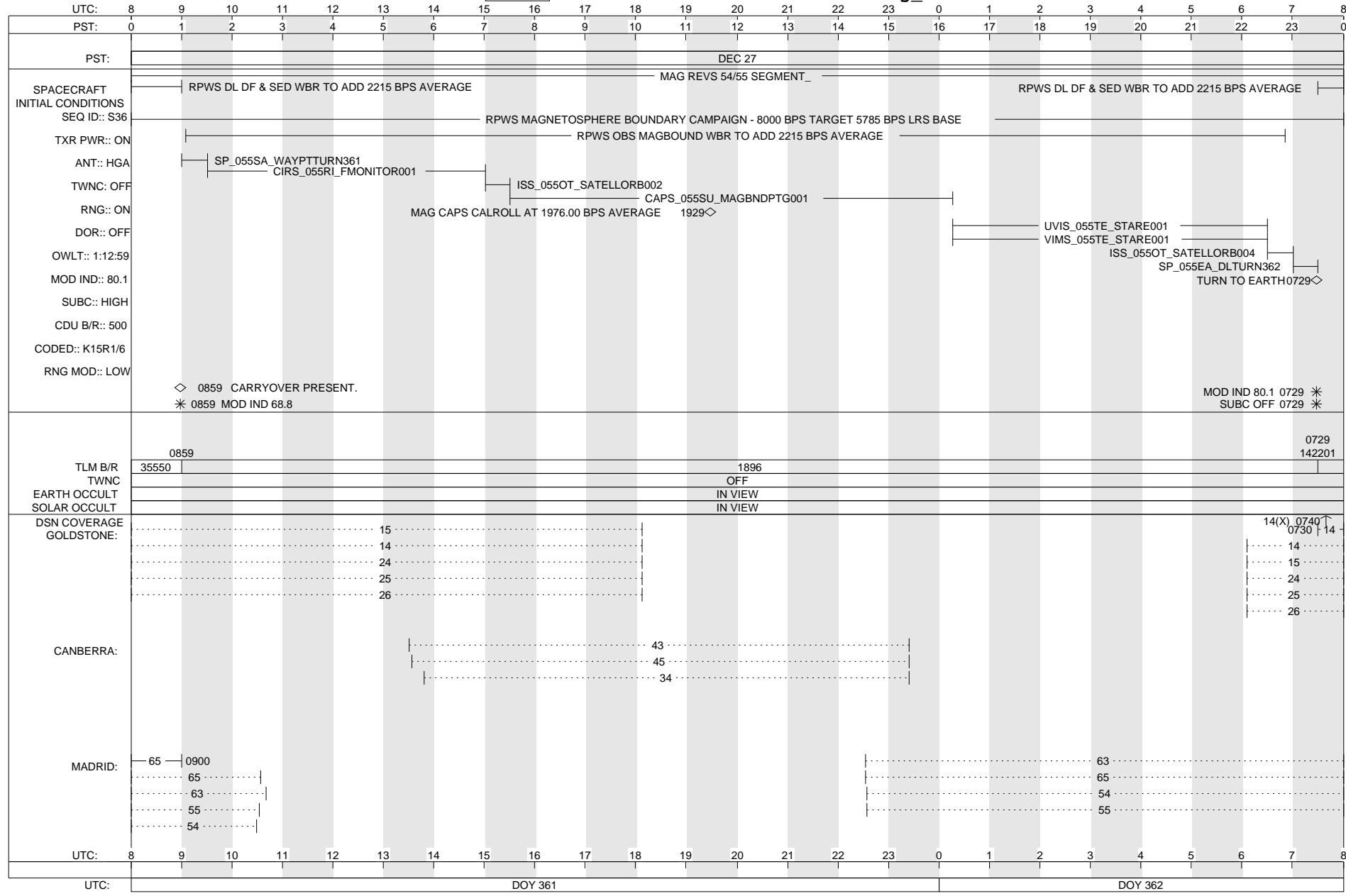
SOE z0360g_full.soe
SFOS z0360g_full.sfos

THURSDAY 361-362

DECEMBER 27, 2007 - DECEMBER 28, 2007



CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos

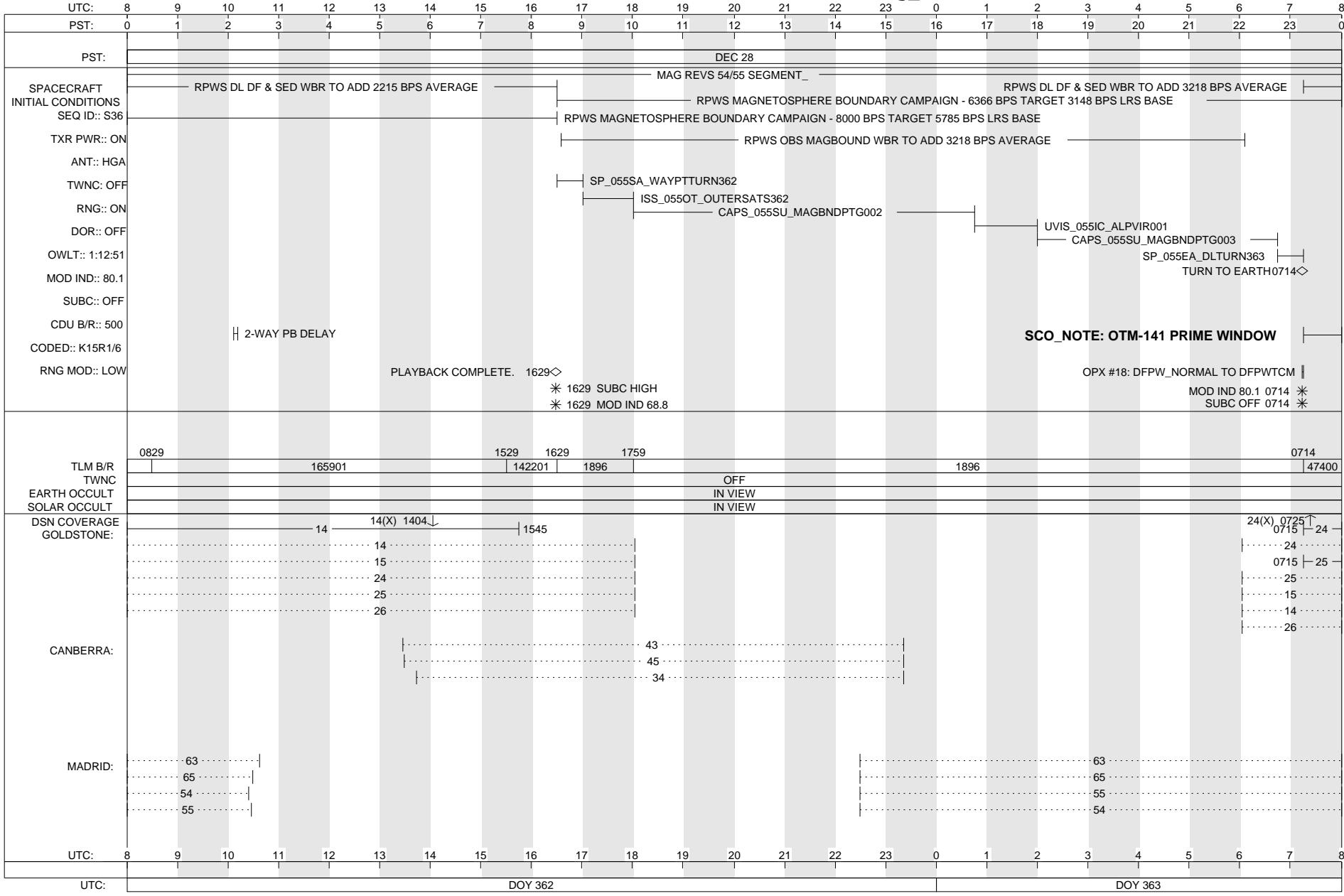
FRIDAY

362-363

DECEMBER 28, 2007 - DECEMBER 29, 2007



CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos

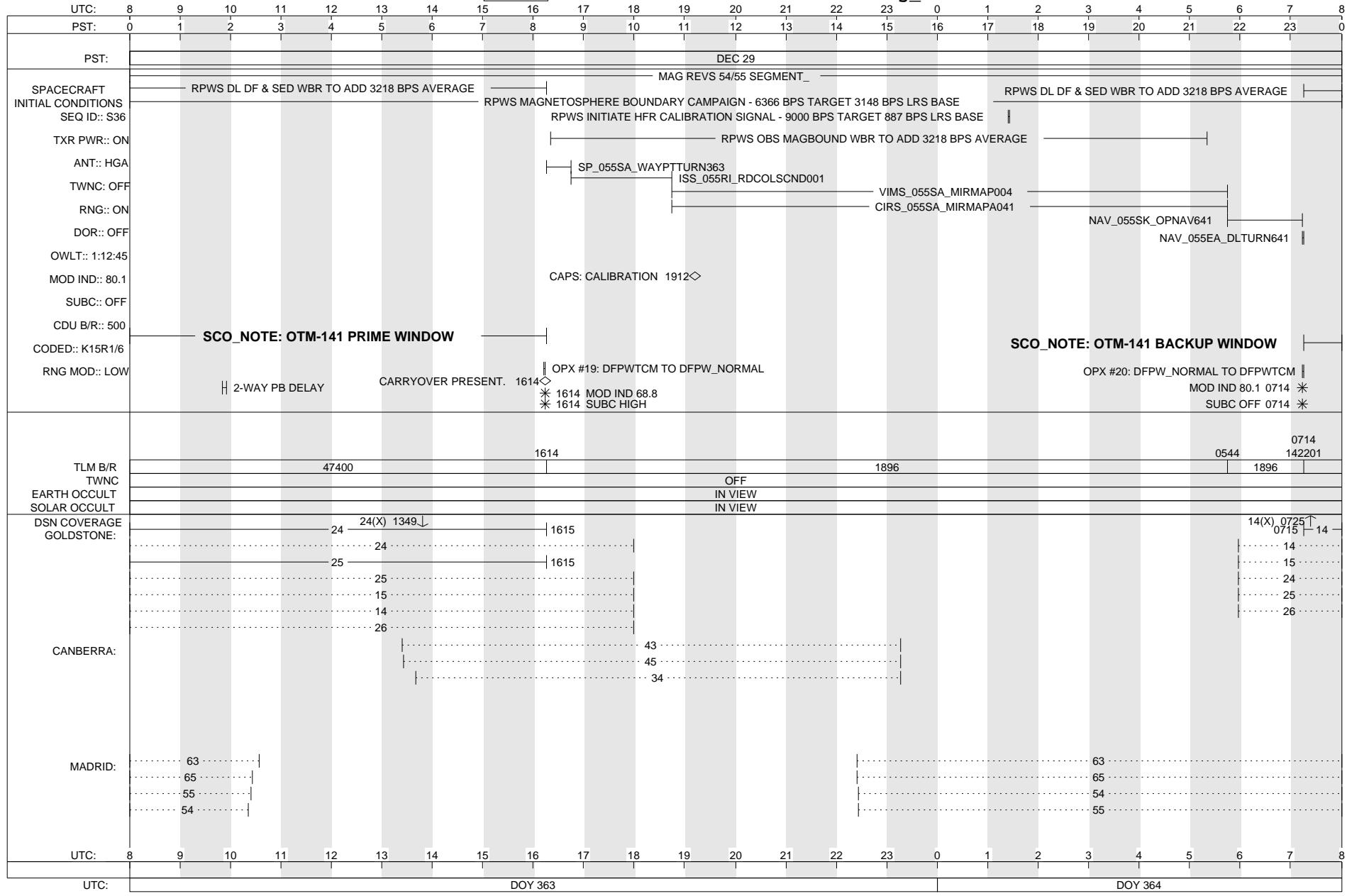
ISSUE DATE: 12/06/07

SATURDAY 363-364

DECEMBER 29, 2007 - DECEMBER 30, 2007



CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos

ISSUE DATE: 12/06/07

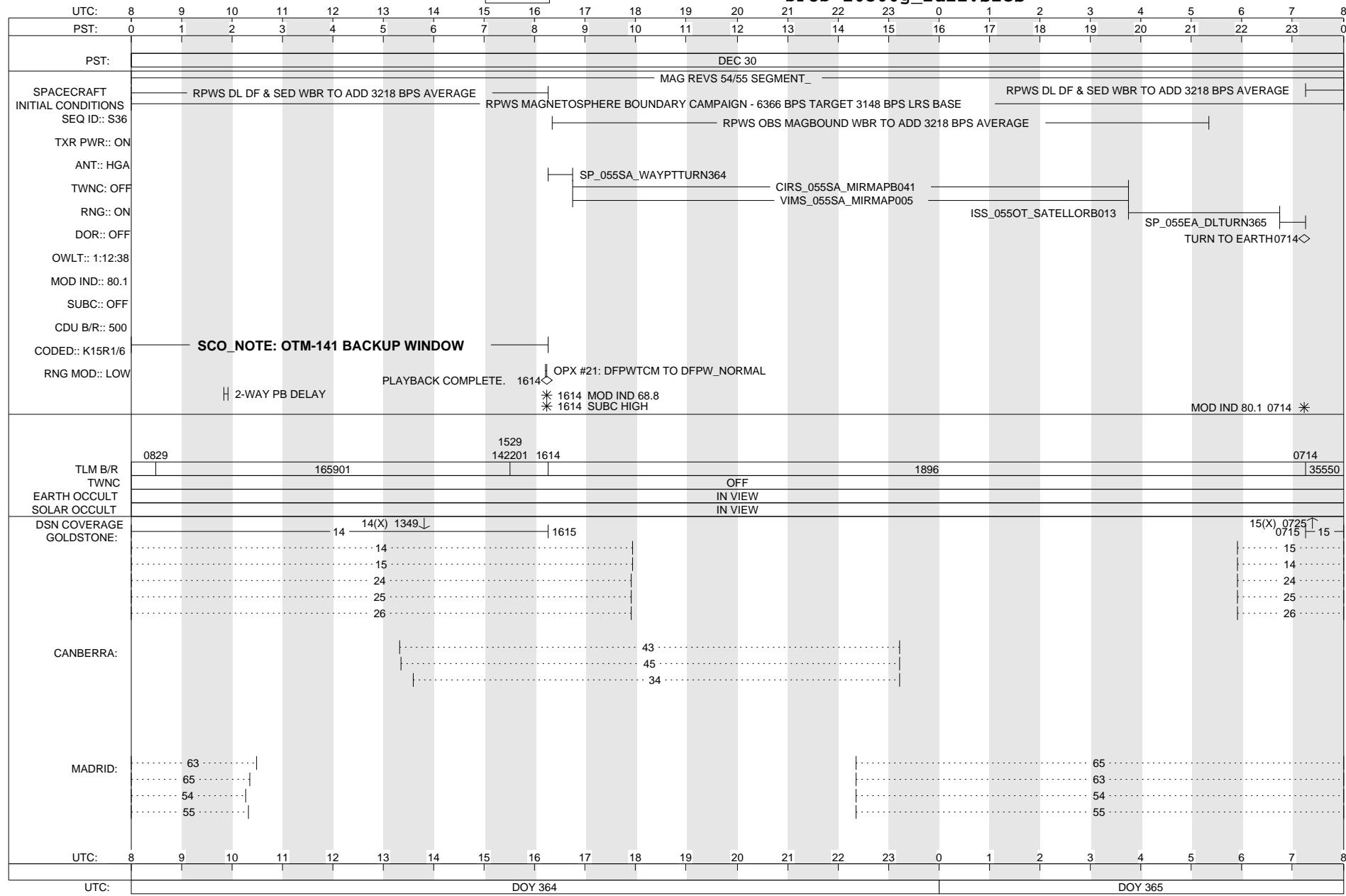
SUNDAY

364-365

DECEMBER 30, 2007 - DECEMBER 31, 2007



CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos

ISSUE DATE: 12/06/07

MONDAY

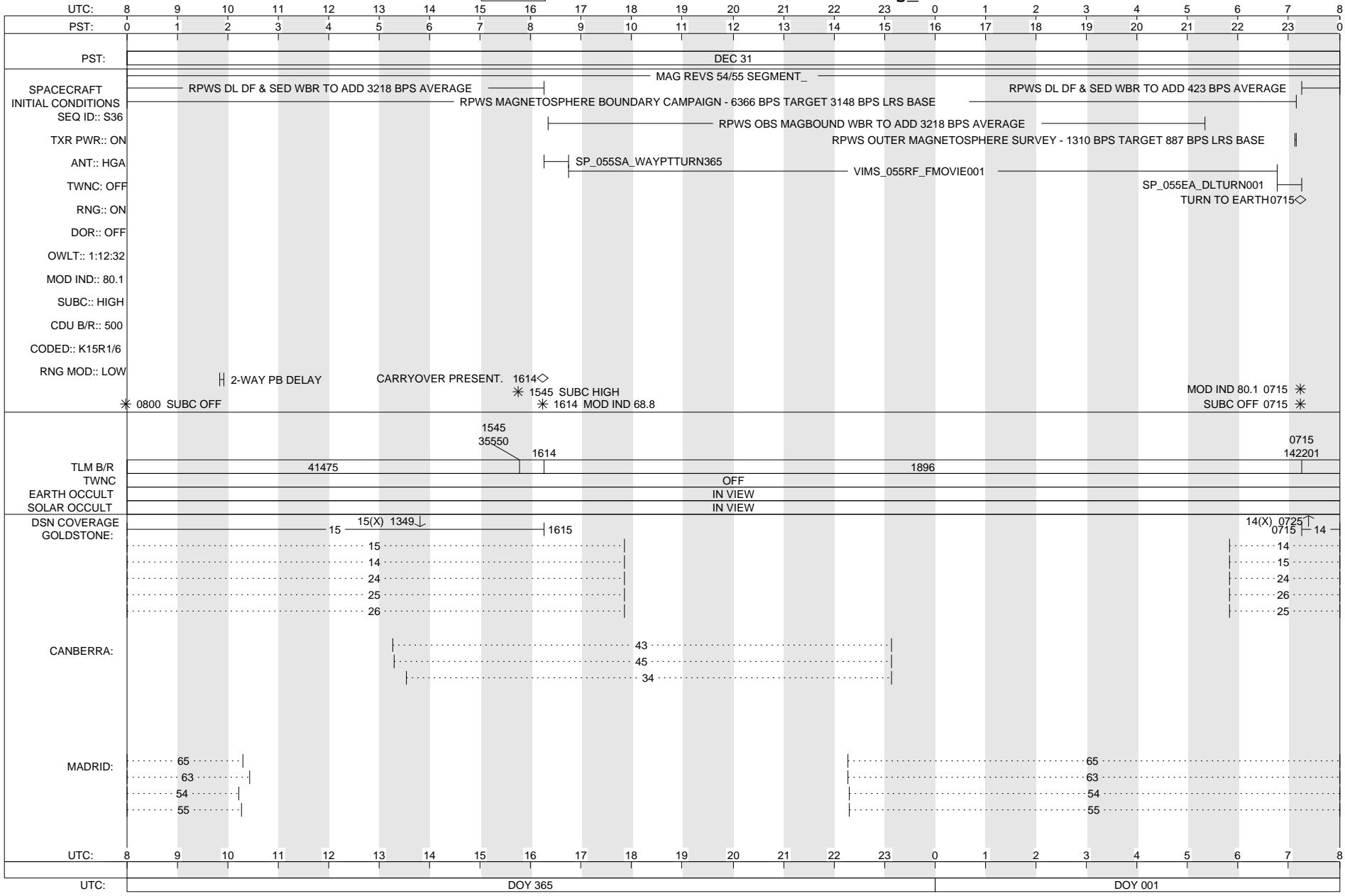
365-001

DECEMBER 31, 2007 - JANUARY 1, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos



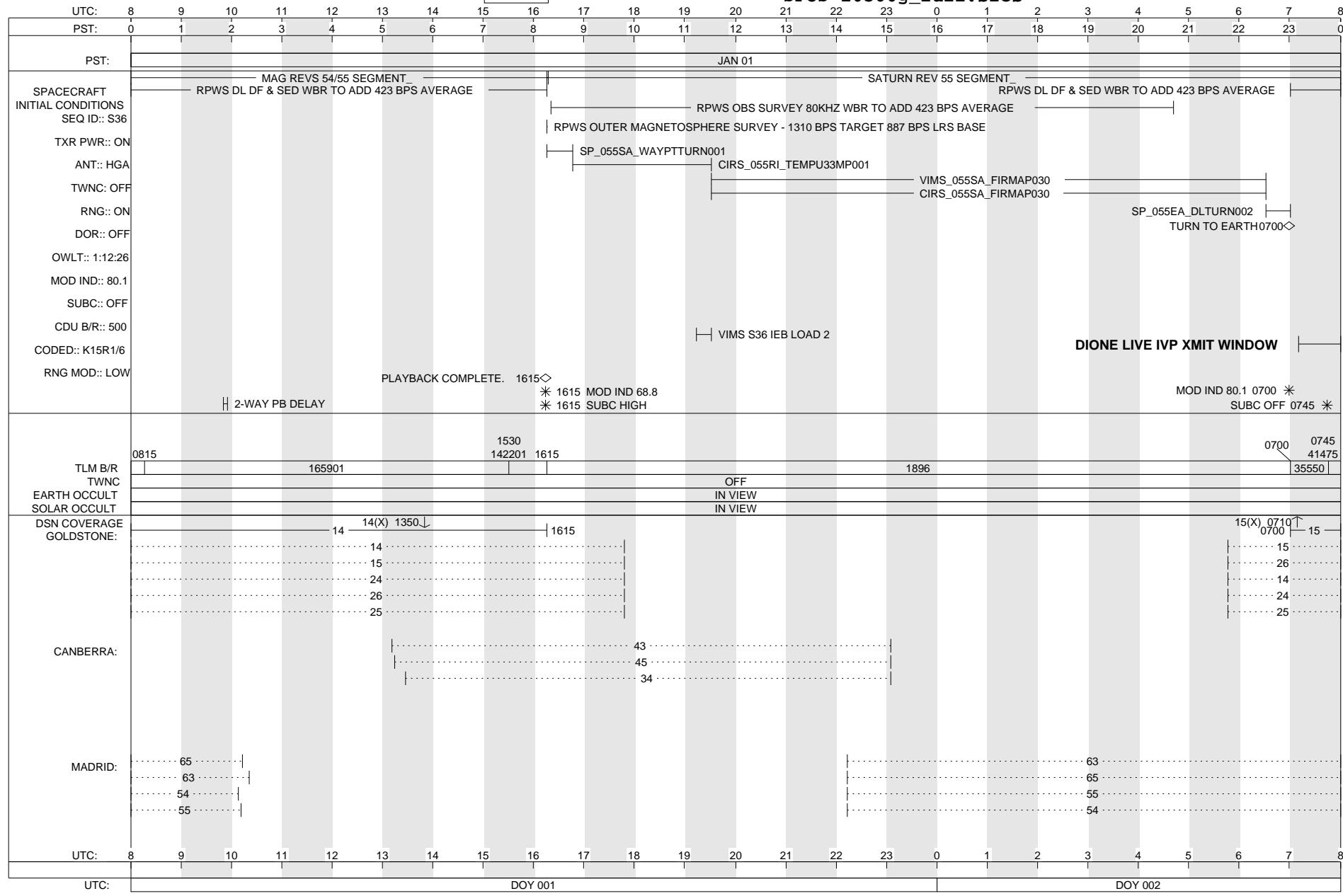
TUESDAY

001-002

JANUARY 1, 2008 - JANUARY 2, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos


ISSUE DATE: 12/06/07

WEDNESDAY 002-003

JANUARY 2, 2008 - JANUARY 3, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos

PST:

SPACECRAFT INITIAL CONDITIONS
SEQ ID:: S36

TXR PWR:: ON

ANT:: HGA

TWNC:: OFF

RNG:: ON

DOR:: OFF

OWLTT:: 1:12:20

MOD IND:: 80.1

SUBC:: OFF

CDU B/R:: 500

CODED:: K15R1/6

RNG MOD:: LOW

PST:

RPWS DL DF & SED WBR TO ADD 423 BPS AVERAGE

SATURN REV 55 SEGMENT

RPWS OBS SURVEY 80KHZ WBR TO ADD 423 BPS AVERAGE

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

RPWS INITIATE HFR CALIBRATION SIGNAL - 9000 BPS TARGET 887 BPS LRS BASE

SP_055SA_WAYPTTURN002

UVIS_055SA_NAURMOV001

VIMS_055SA_NAURMOV001

SP_055EA_DLTURN402

TURN TO EARTH 2330

SCO_NOTE: OTM-142 PRIME WINDOW

RWA BIAS

2-WAY PB DELAY

PLAYBACK COMPLETE. 1600 \diamond
* 1530 SUBC HIGH
* 1600 MOD IND 68.8

OPX #22: DFPW_NORMAL TO DFPWTCM
* 0115 SUBC OFF
* 2330 MOD IND 80.1

SUBC HIGH 0715 *

TLM B/R

TWNC

EARTH OCCULT

SOLAR OCCULT

DSON COVERAGE

GOLDSTONE:

CANBERRA:

MADRID:

DOY 002

DOY 003

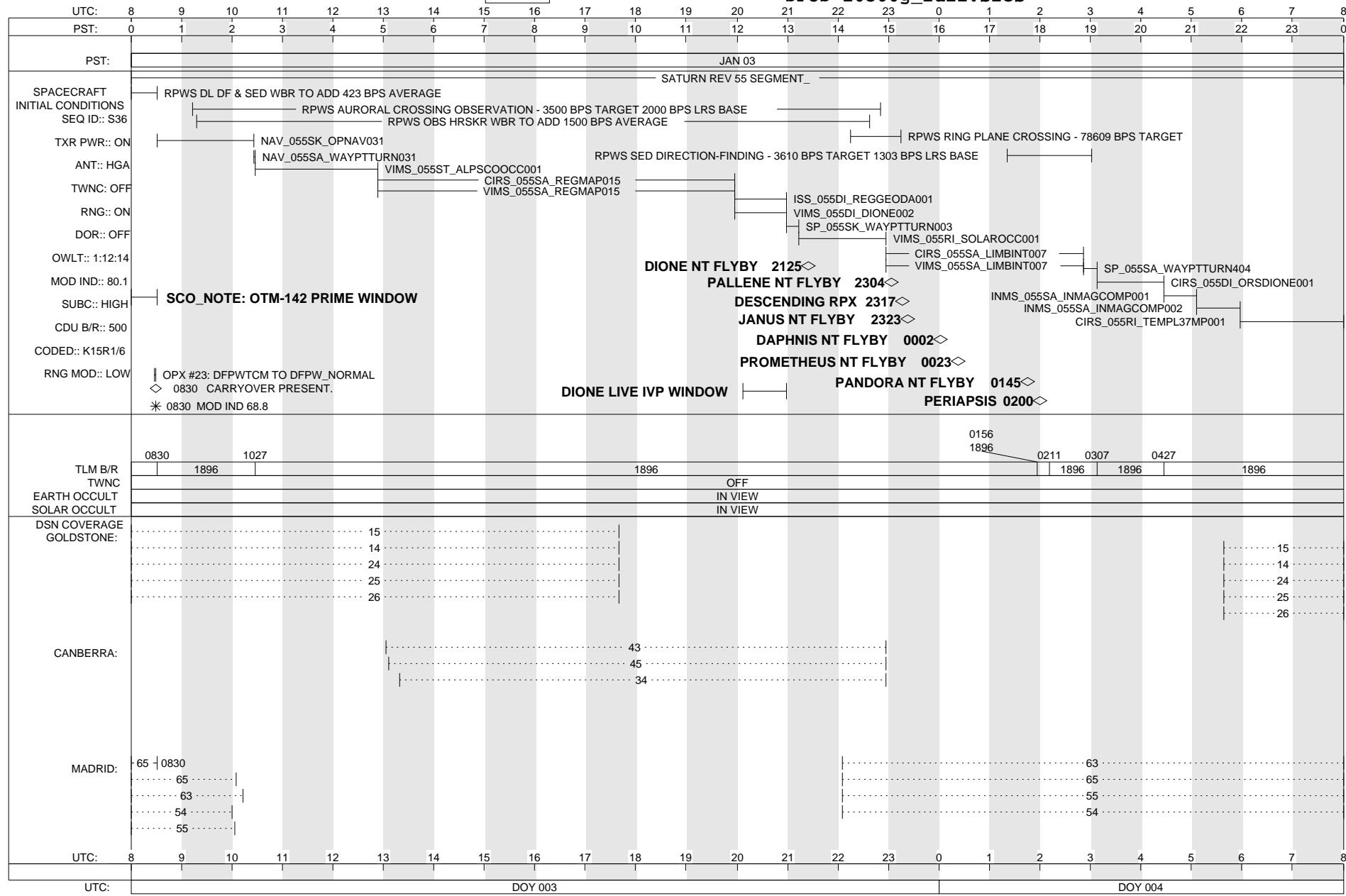
Page 20 of 40

THURSDAY 003-004

JANUARY 3, 2008 - JANUARY 4, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos

ISSUE DATE: 12/06/07

FRIDAY

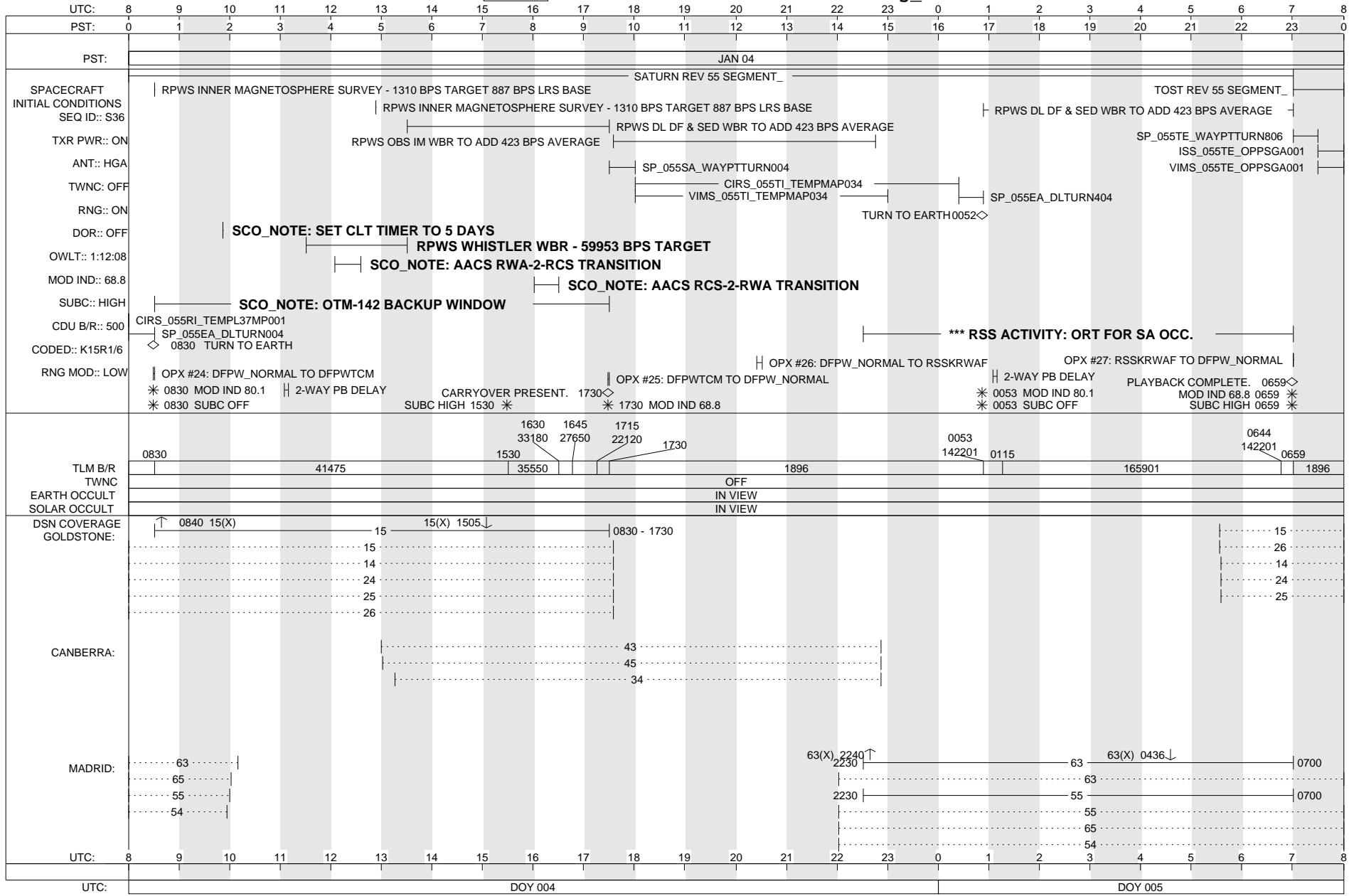
004-005

JANUARY 4, 2008 - JANUARY 5, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos



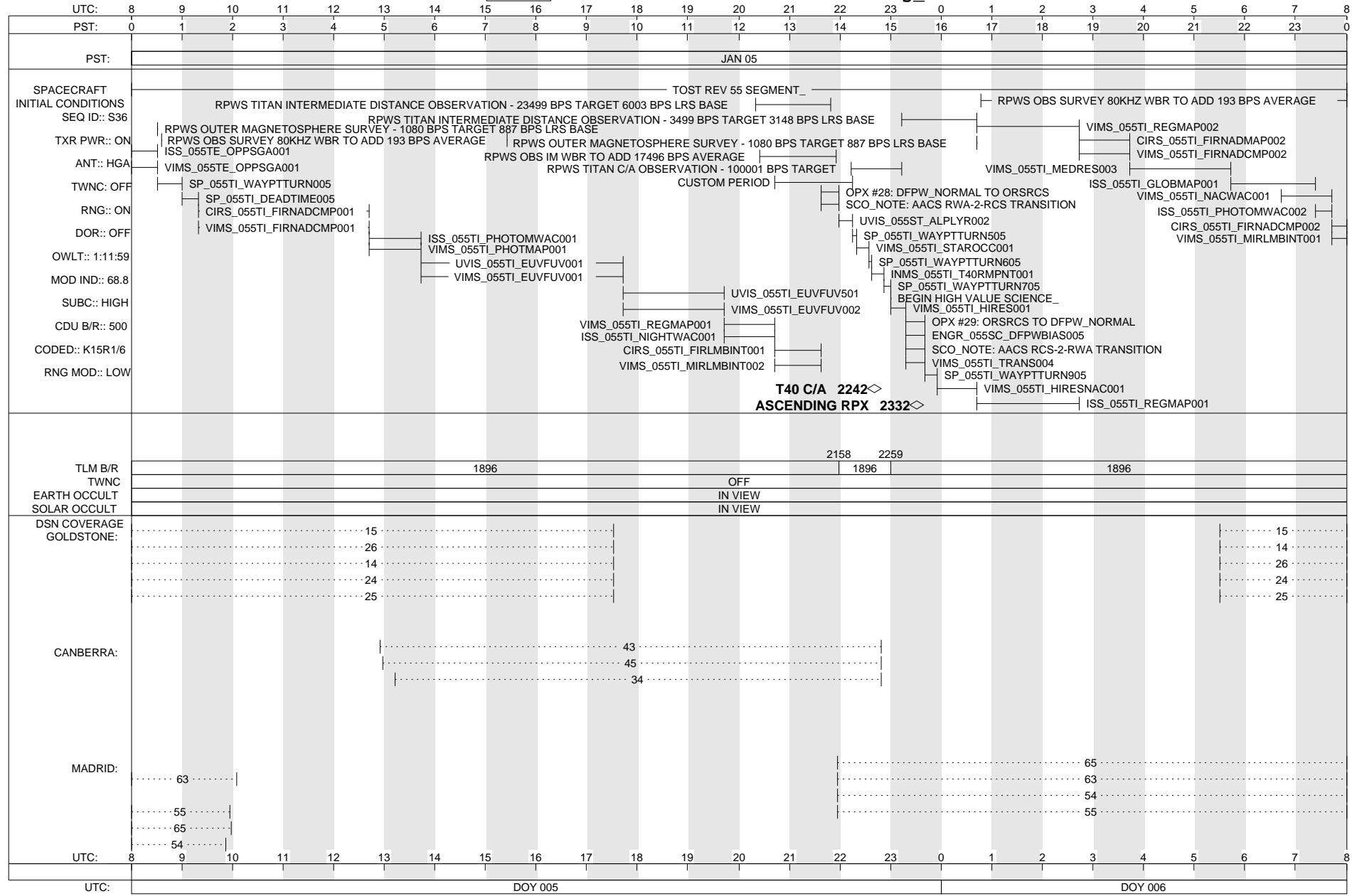
SATURDAY 005-006

JANUARY 5, 2008 - JANUARY 6, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos

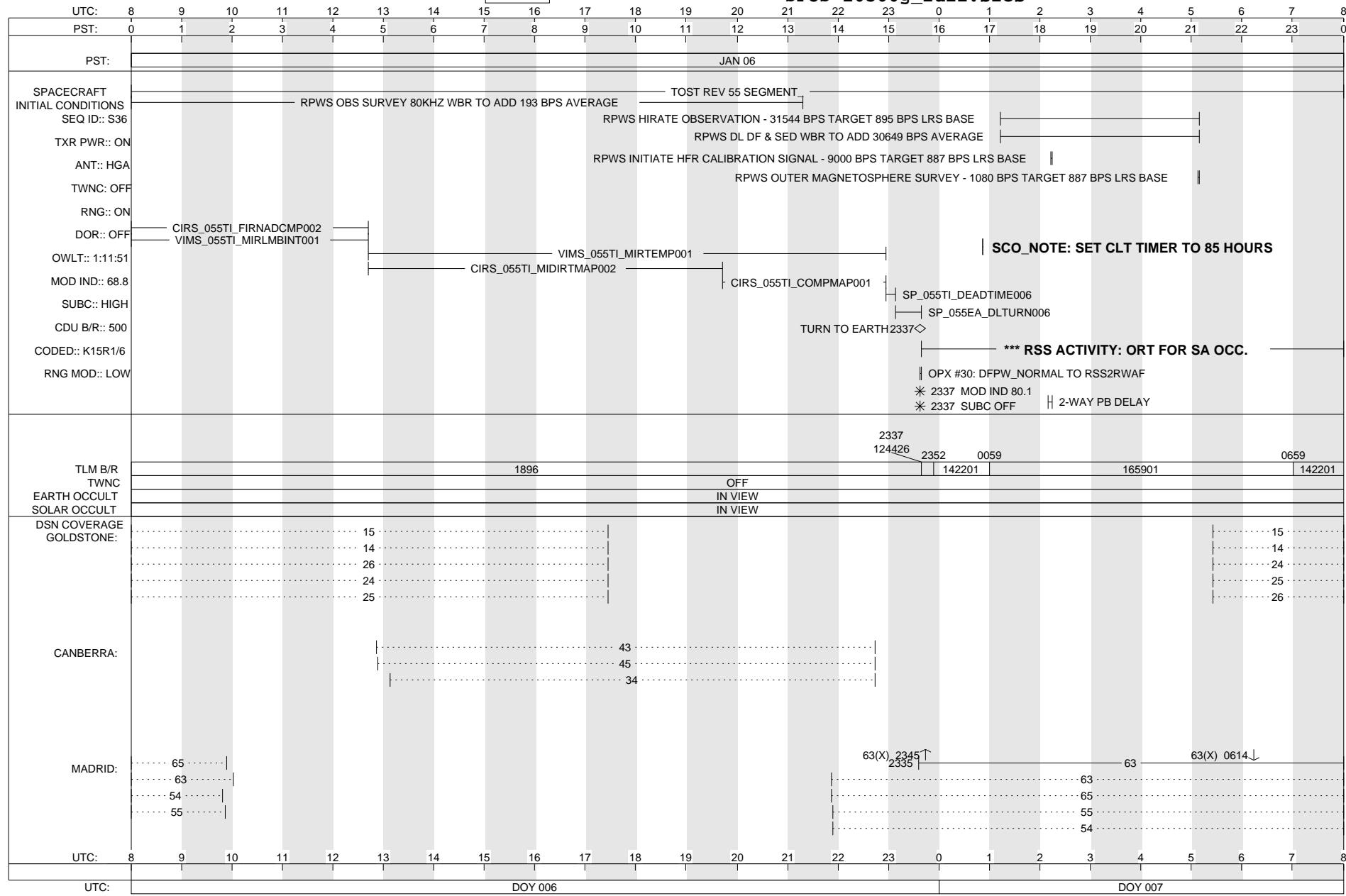


SUNDAY

006-007

JANUARY 6, 2008 - JANUARY 7, 2008

MISSING
IMAGE

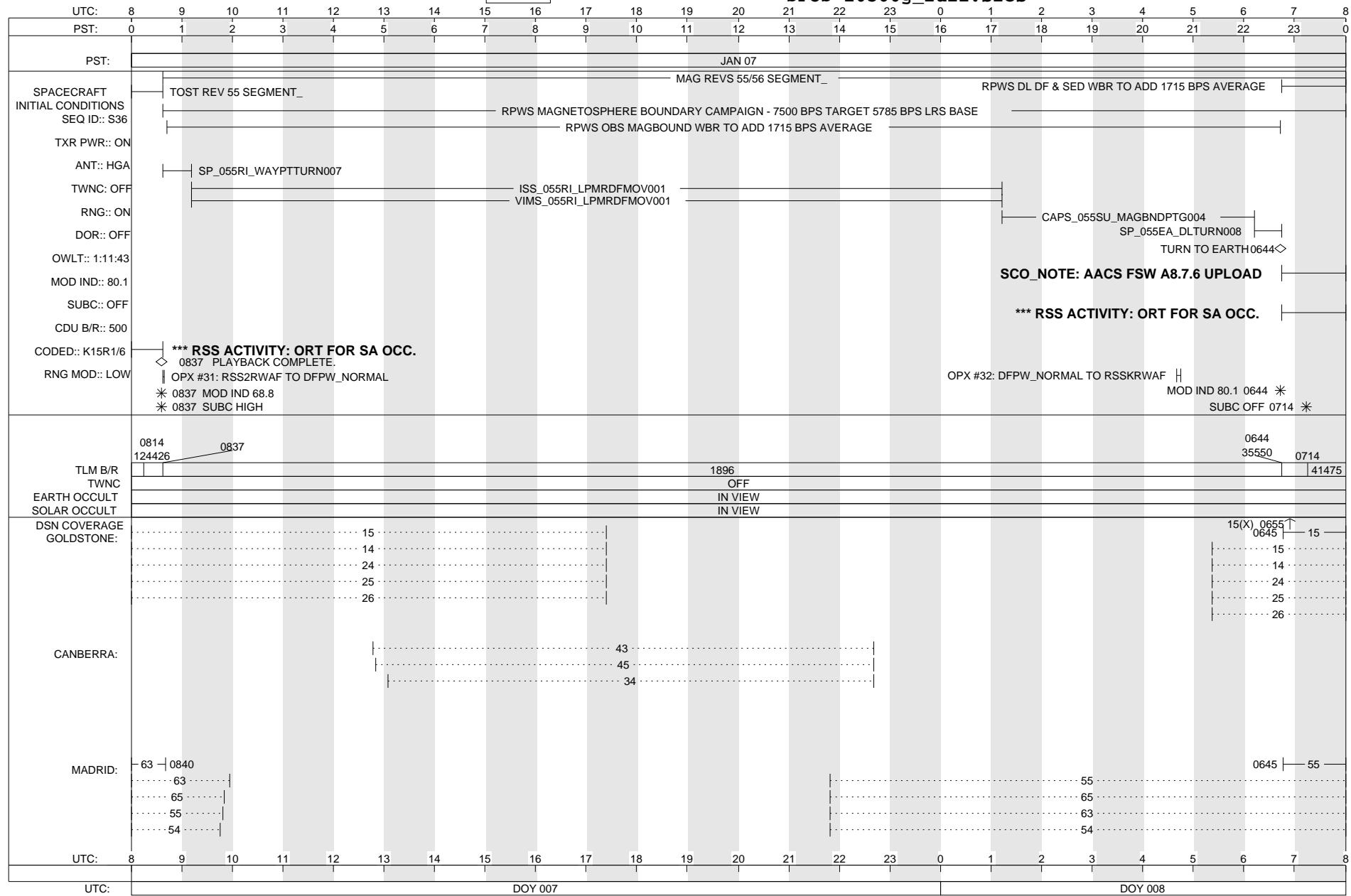
CASSINI SFOS
SOE z0360g_full.soe
SFOS z0360g_full.sfos


MONDAY 007-008

JANUARY 7, 2008 - JANUARY 8, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos

TUESDAY

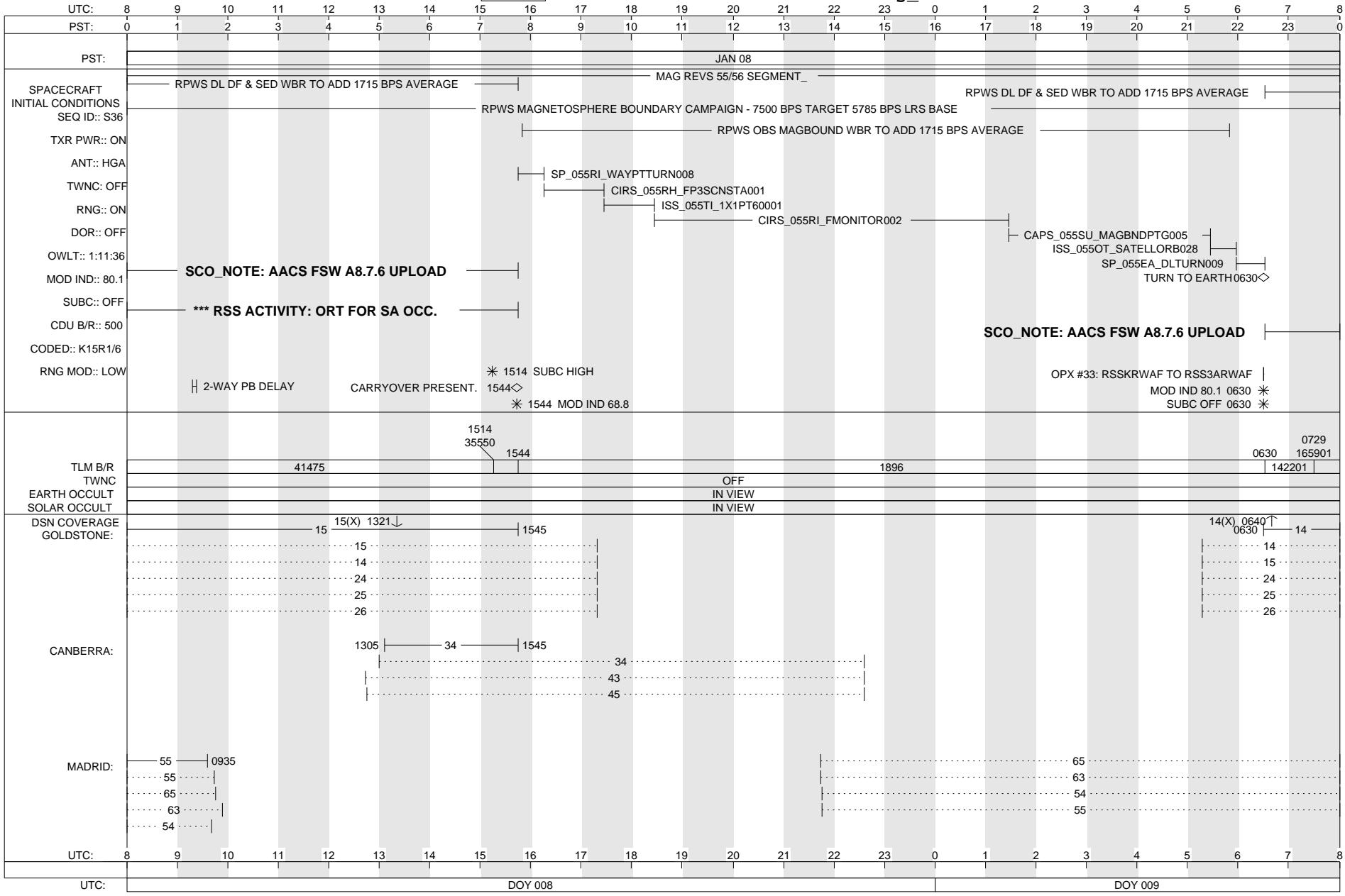
008-009

JANUARY 8, 2008 - JANUARY 9, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos



ISSUE DATE: 12/06/07

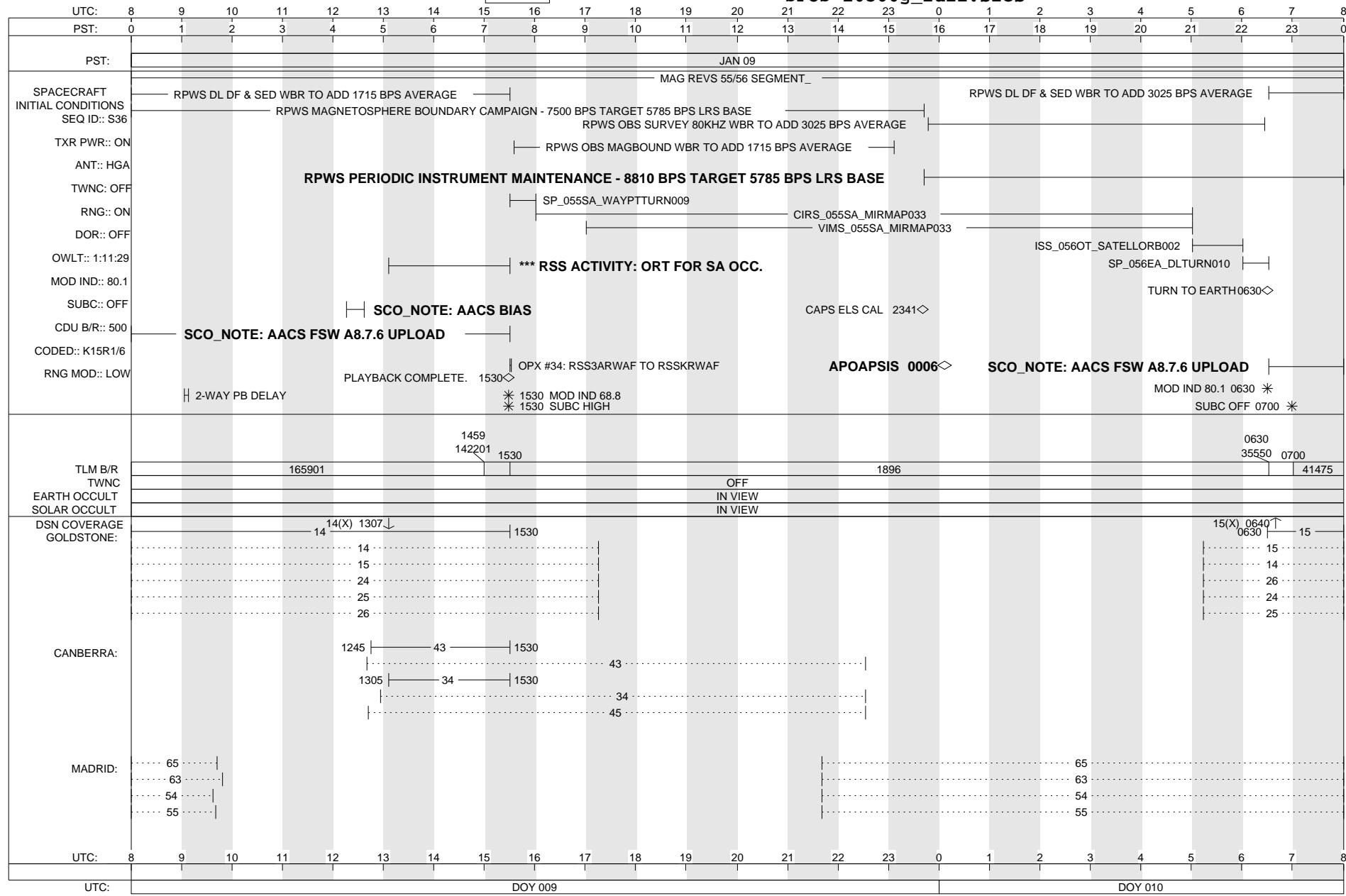
WEDNESDAY 009-010

JANUARY 9, 2008 - JANUARY 10, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos



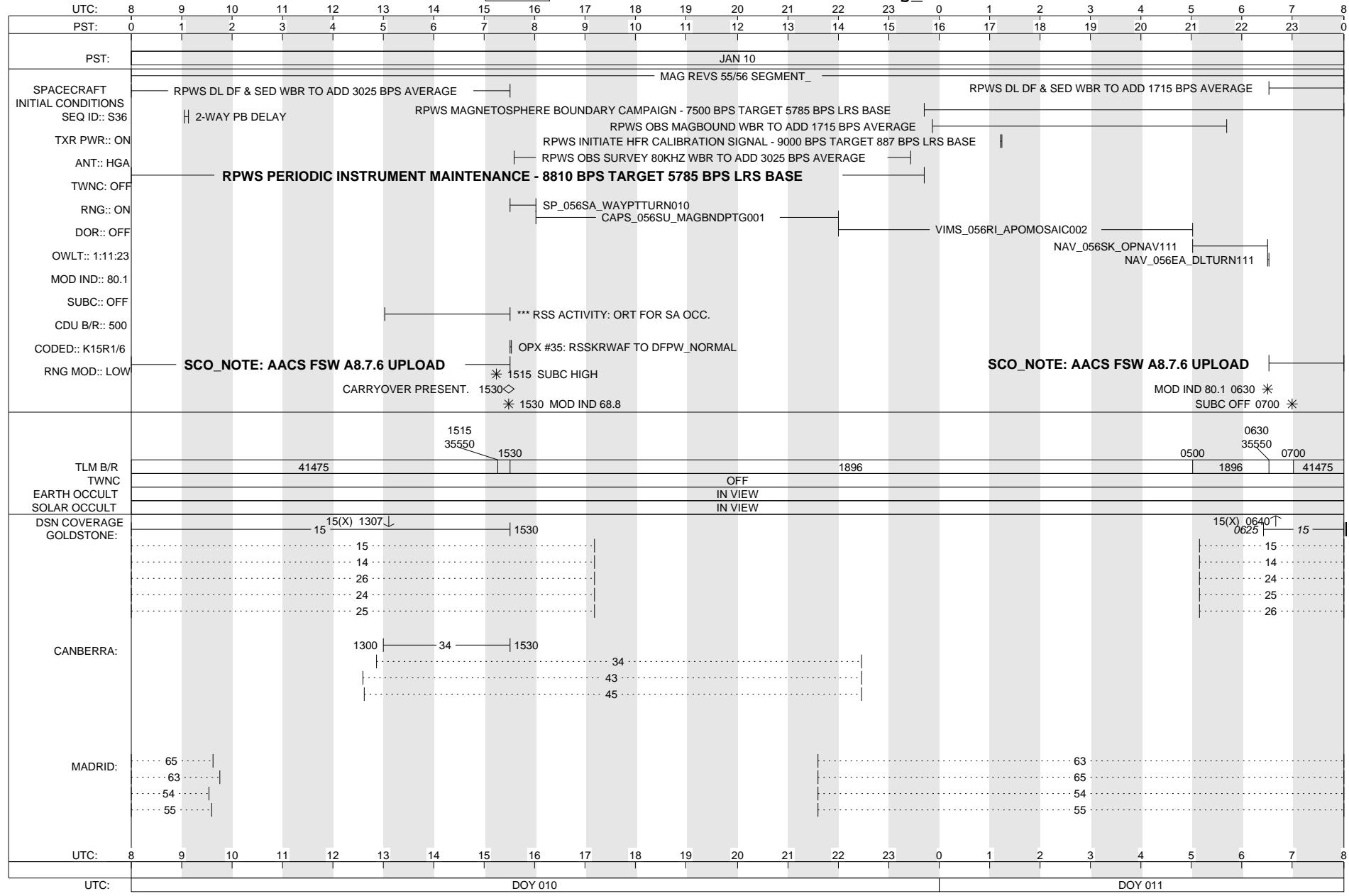
THURSDAY 010-011

JANUARY 10, 2008 - JANUARY 11, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos



FRIDAY

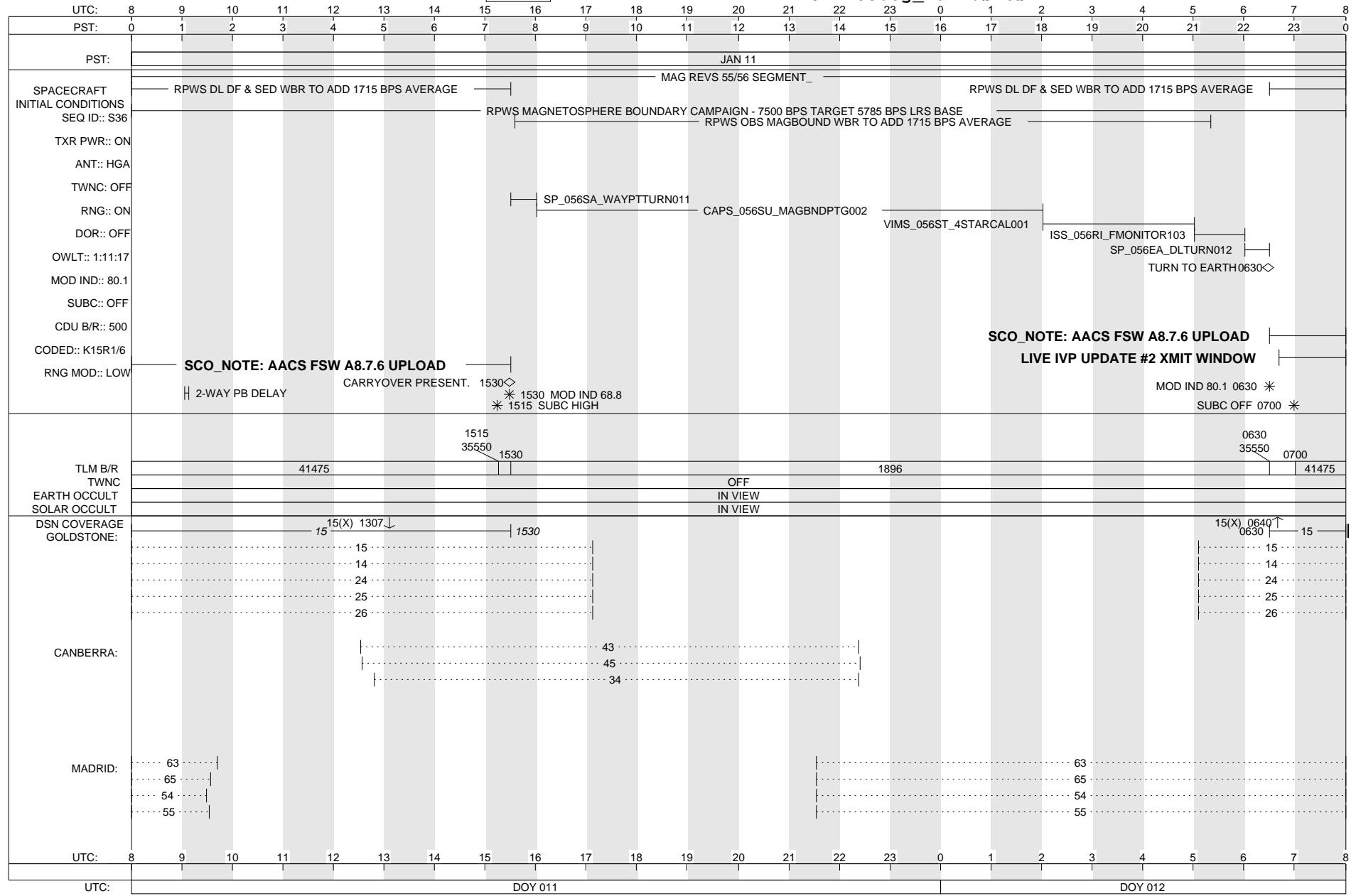
011-012

JANUARY 11, 2008 - JANUARY 12, 2008

MISSING
IMAGE

CASSINI SFOS

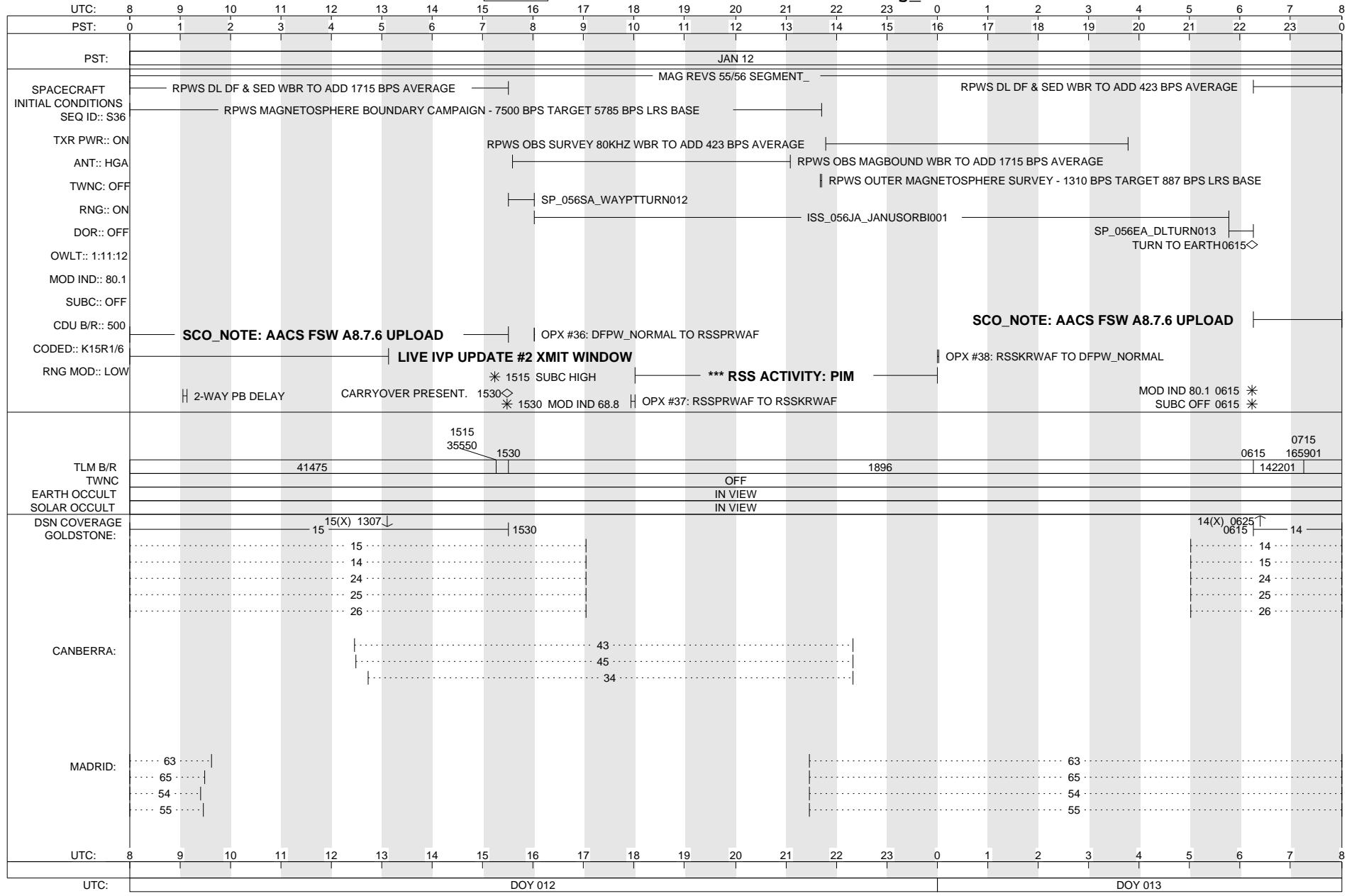
SOE z0360g_full.soe
SFOS z0360g_full.sfos



SATURDAY 012-013

JANUARY 12, 2008 - JANUARY 13, 2008

MISSING
IMAGE

CASSINI SFOS
SOE z0360g_full.soe
SFOS z0360g_full.sfos


SUNDAY

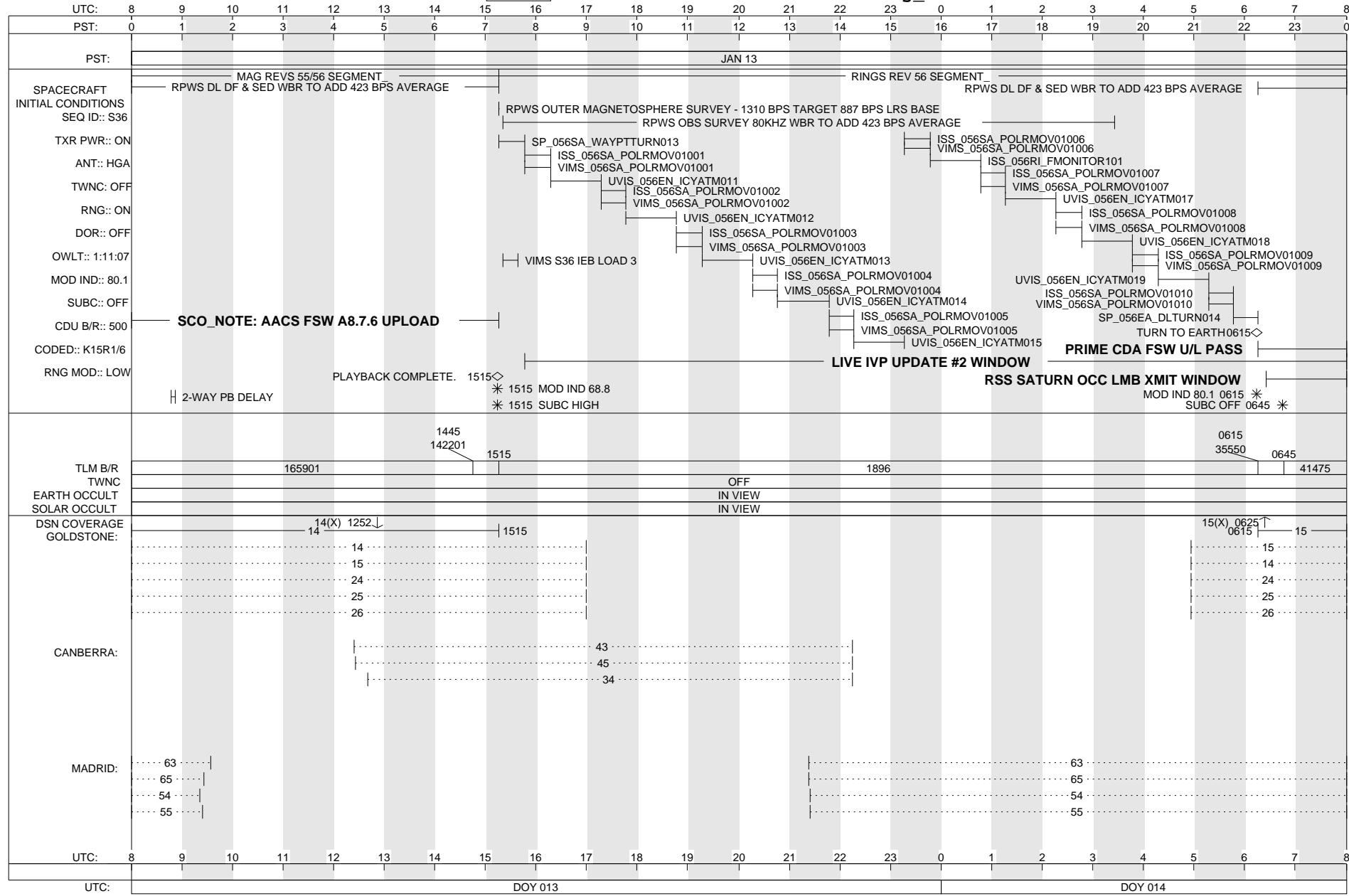
013-014

JANUARY 13, 2008 - JANUARY 14, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos

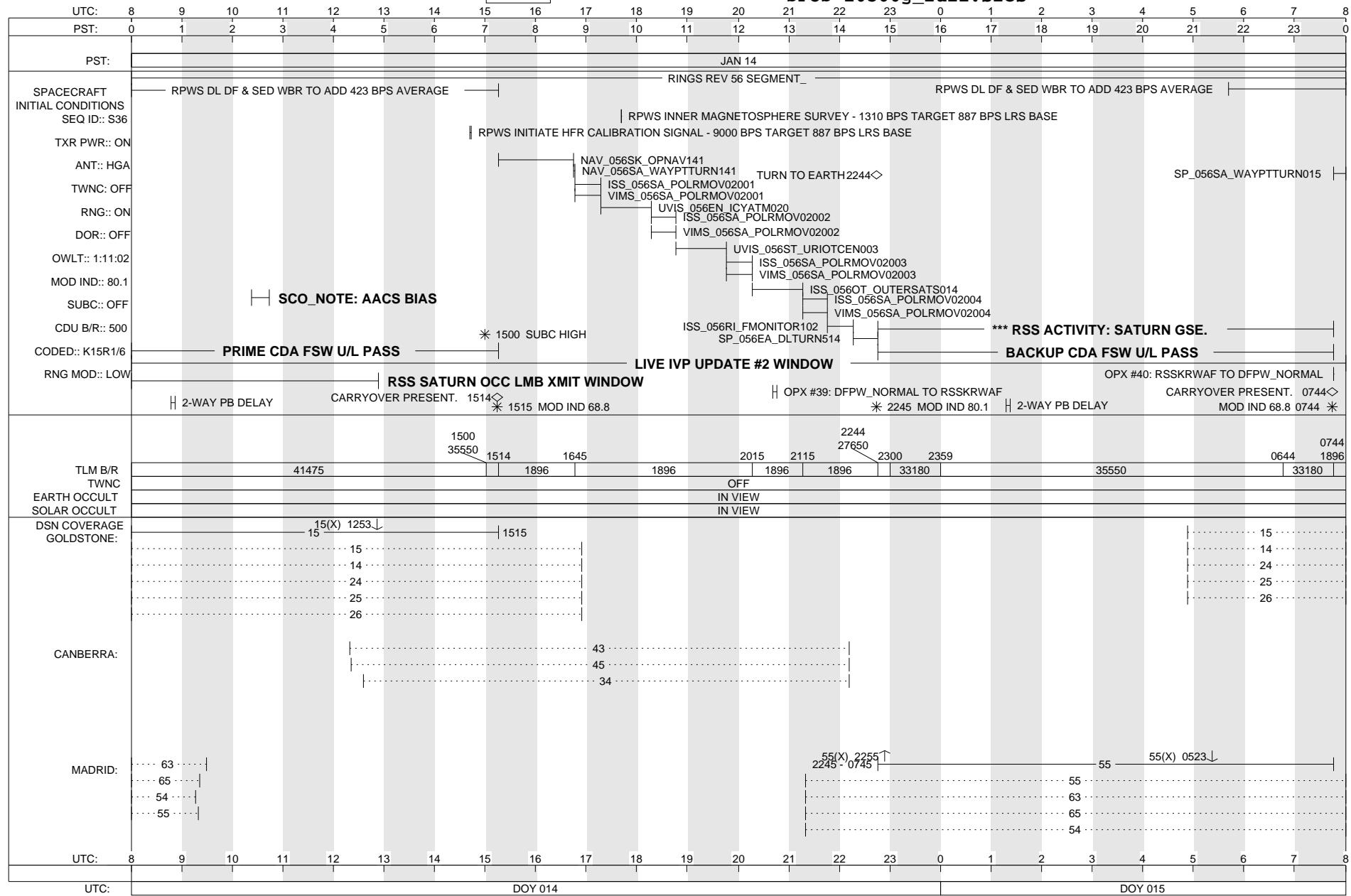


ISSUE DATE: 12/06/07

MONDAY 014-015

JANUARY 14, 2008 - JANUARY 15, 2008

MISSING
IMAGE

CASSINI SFOS
SOE z0360g_full.soe
SFOS z0360g_full.sfos


TUESDAY 015-016

JANUARY 15, 2008 - JANUARY 16, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos

This timeline diagram illustrates the sequence of events for a space mission across two weeks, from January 15 to January 23, 2016. The timeline is split into UTC (Universal Time Coordinated) and PST (Pacific Standard Time) columns.

Key Events and Activities:

- Spacecraft Initial Conditions:** SEQ ID: S36
- TXR PWR:: ON**
- ANT:: HGA**
- TWNC:: OFF**
- RNG:: ON**
- DOR:: OFF**
- OWLT:: 1:10:58**
- MOD IND:: 68.8**
- SUBC:: HIGH**
- CDU B/R:: 500**
- CODED:: K15R1/6**
- RNG MOD:: LOW**
- SP_056SA_WAYPTTURN015**
- CIRS_056RI_TEMP45MP001**
- CIRS_056RI_VERTULCAS001**
- INMS_056SA_INMAGCOMP001**
- VIMS_056MI_MIMAS001**
- VIMS_056TE_TETHYS001**
- SP_056EA_WAYPTTURN515**
- SP_056EA_DEADTIME015**
- RSS SATURN OCC LMB**
- PANDORA NT FLYBY 2330 ◇**
- PERIAPSIS 2347 ◇**
- METHONE NT FLYBY 2222 ◇**
- DESCENDING Rpx 2215 ◇**
- LIVE IVP UPDATE #2 WINDOW**
- SCO_NOTE: OTM-143 PRIME WINDOW**
- SCO_NOTE: AACSBIAIS**
- OPX #42: UNIQUE TO UNIQUE**
- OPX #41: DFPW_NORMAL TO UNIQUE**
- 1896 OFF**
- 1942 IN VIEW**
- 1942 ON**
- 2341 1896 IN VIEW**
- 2355 33180 ECLIPSE**
- 0010 OFF IN VIEW**
- 2341 35550 IN VIEW**
- 0744 0644 27650 33180 IN VIEW**
- TLM B/R**
- EARTH OCCULT**
- SOLAR OCCULT**
- DSN COVERAGE GOLDSTONE:**
 - 15
 - 14
 - 24
 - 25
 - 26
- CANBERRA:**
 - 43
 - 2000
 - 34
 - 2000
 - 45
- MADRID:**
 - 55
 - 63
 - 65
 - 54
 - 2120
 - 2130 55(X)
 - 63
 - 55
 - 55
 - 65
 - 54

Timeline Labels:

- 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
- PST: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 0
- DOY 015
- DOY 016

ISSUE DATE: 12/06/07

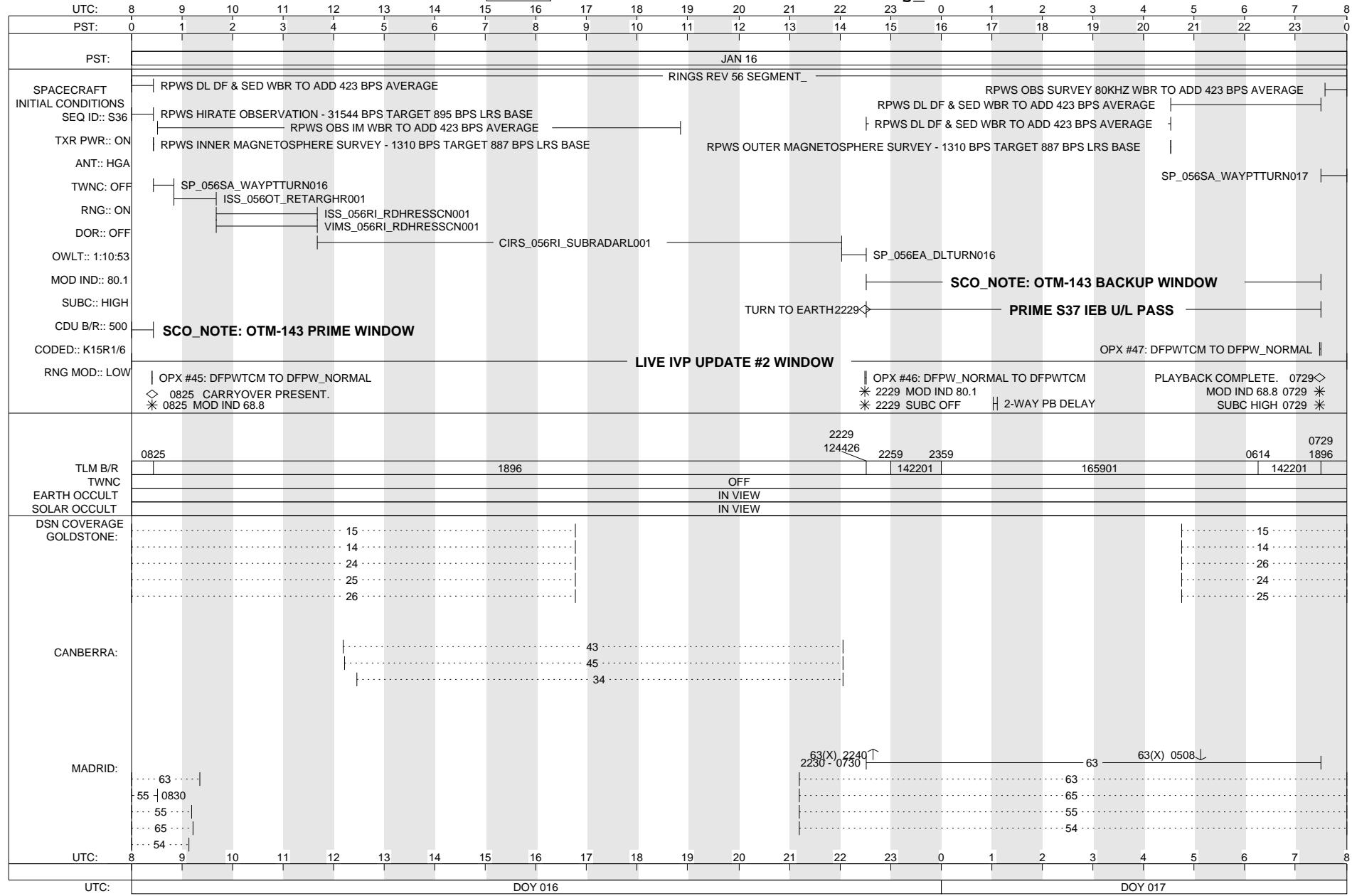
WEDNESDAY 016-017

JANUARY 16, 2008 - JANUARY 17, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos



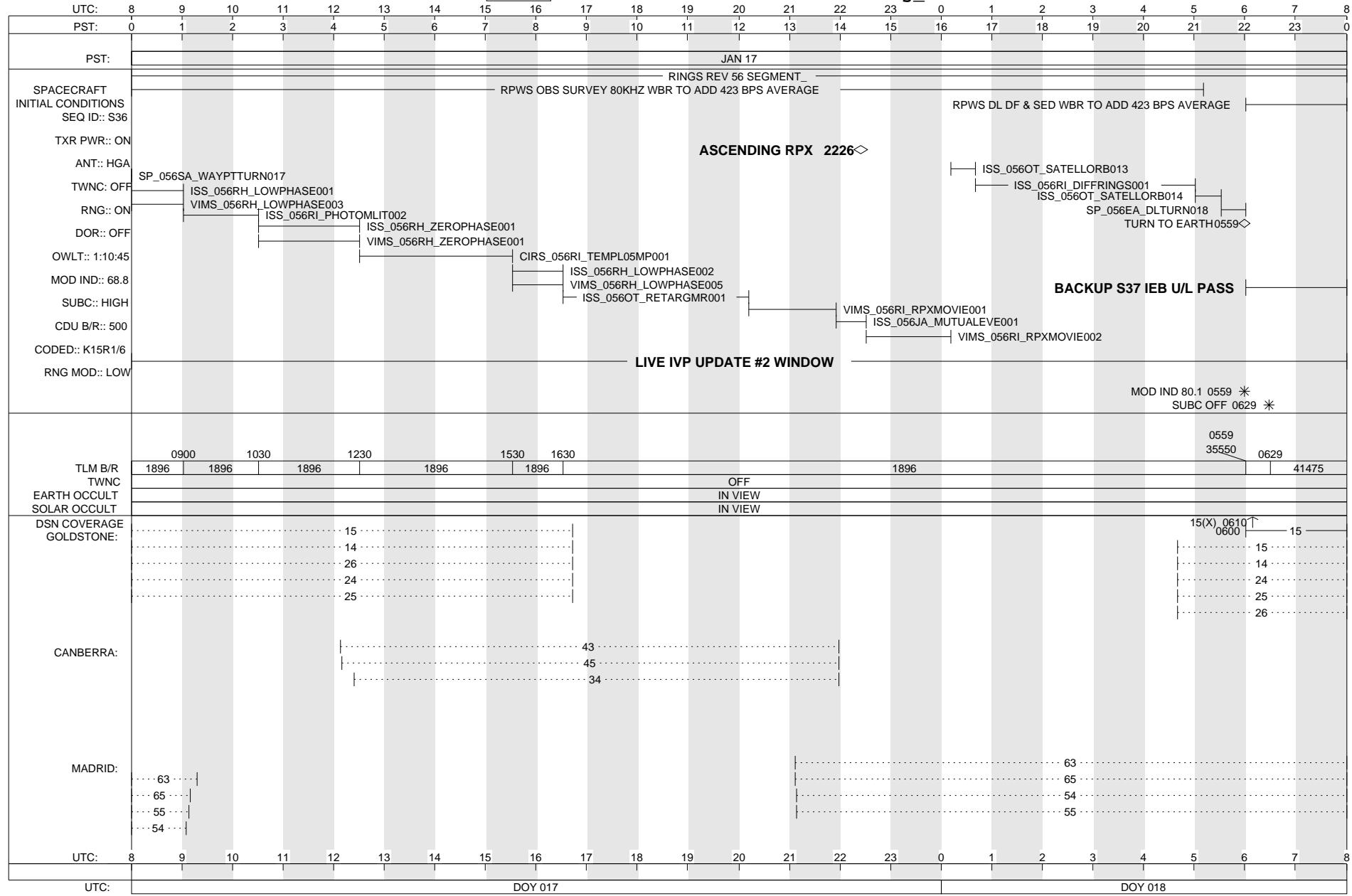
THURSDAY 017-018

JANUARY 17, 2008 - JANUARY 18, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos



FRIDAY

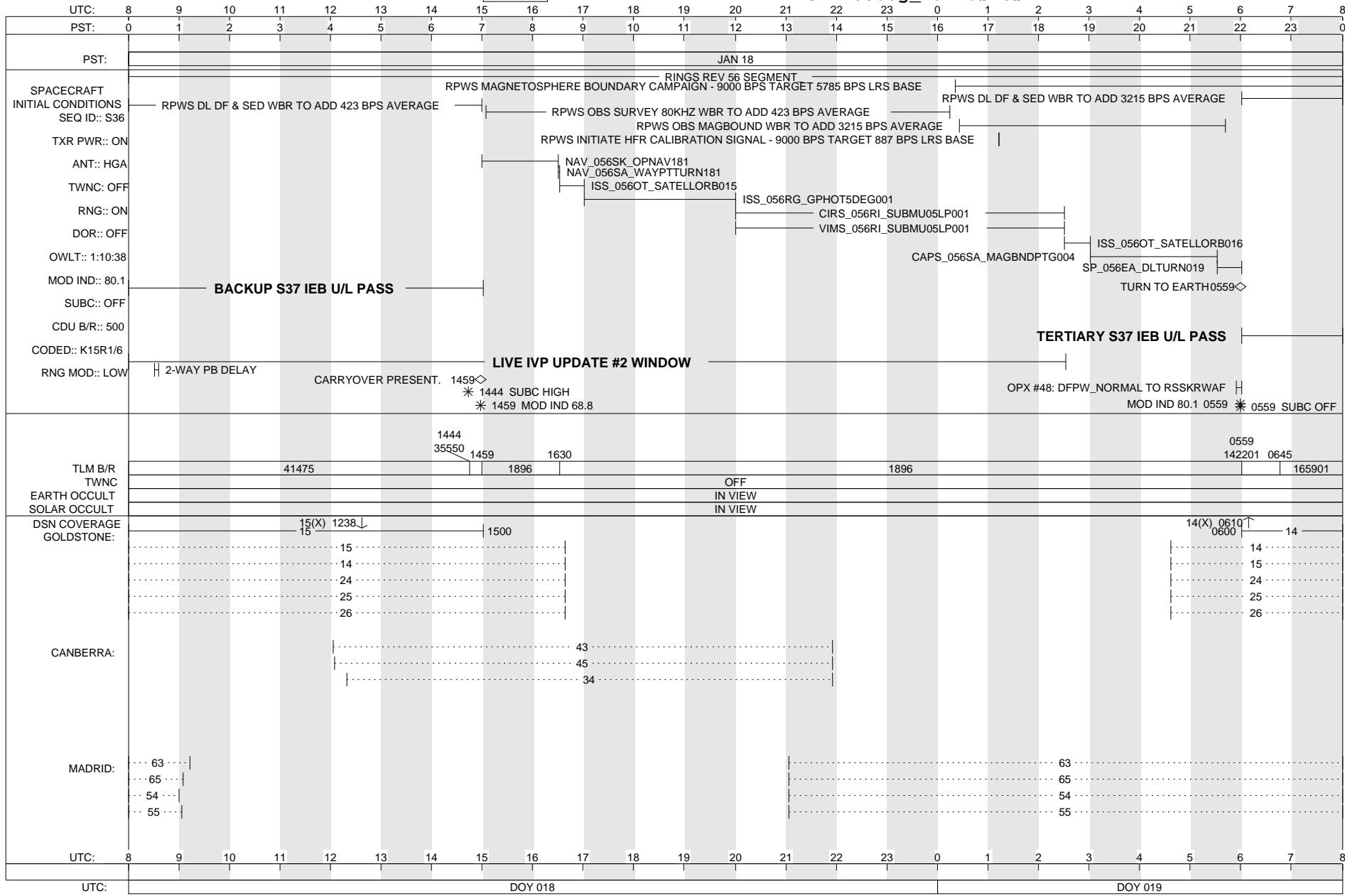
018-019

JANUARY 18, 2008 - JANUARY 19, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos



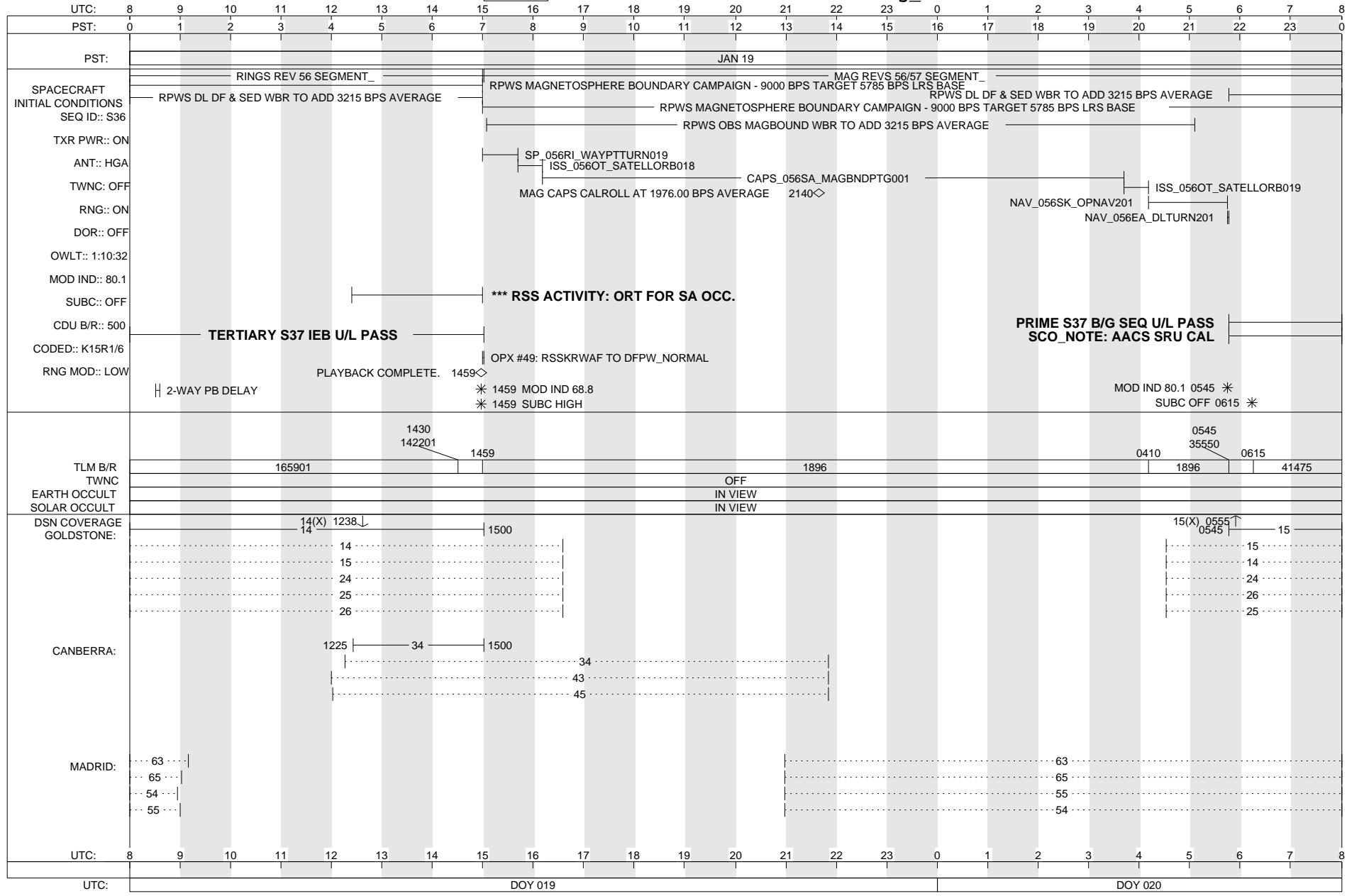
SATURDAY 019-020

JANUARY 19, 2008 - JANUARY 20, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos



ISSUE DATE: 12/06/07

SUNDAY

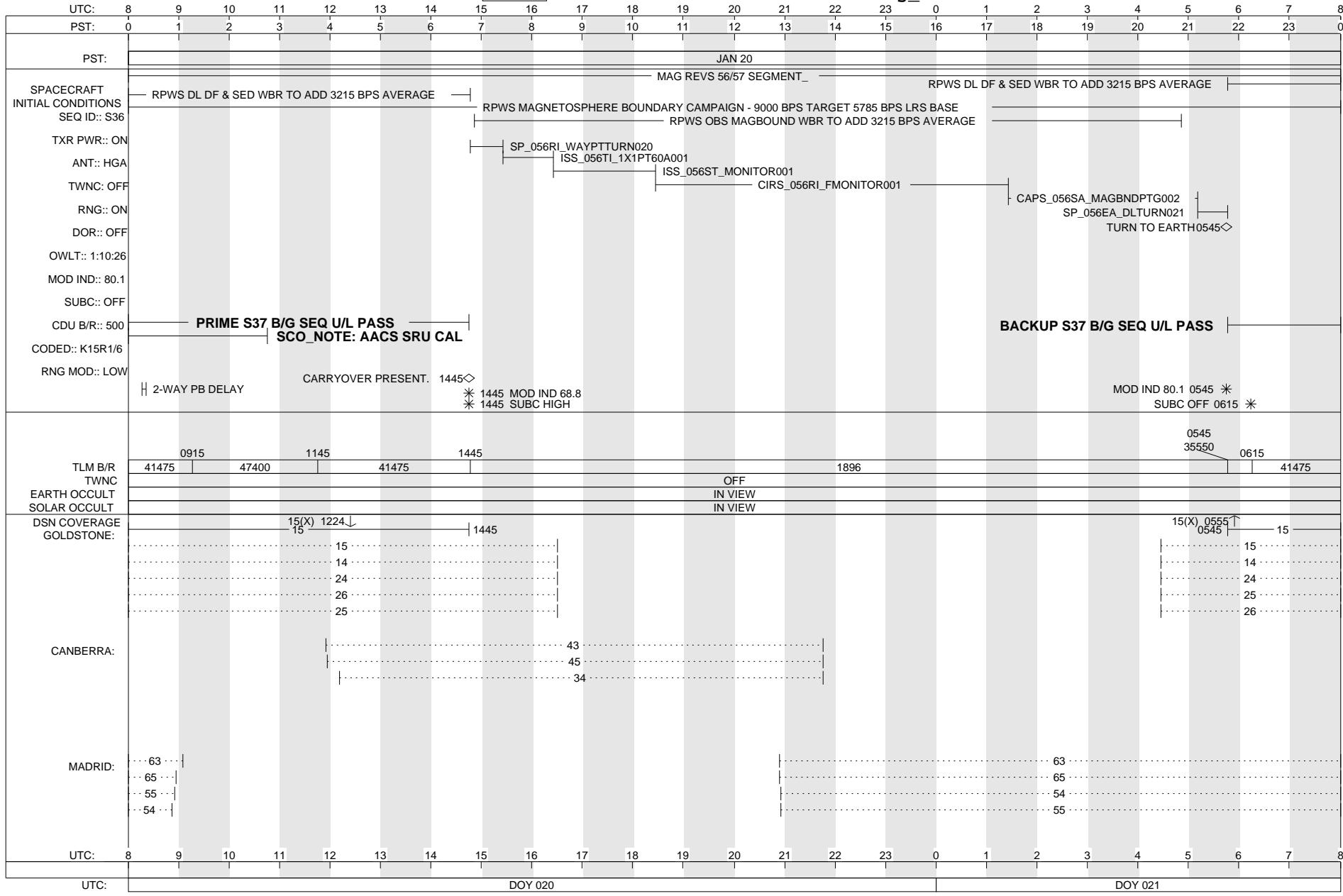
020-021

JANUARY 20, 2008 - JANUARY 21, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos



MONDAY

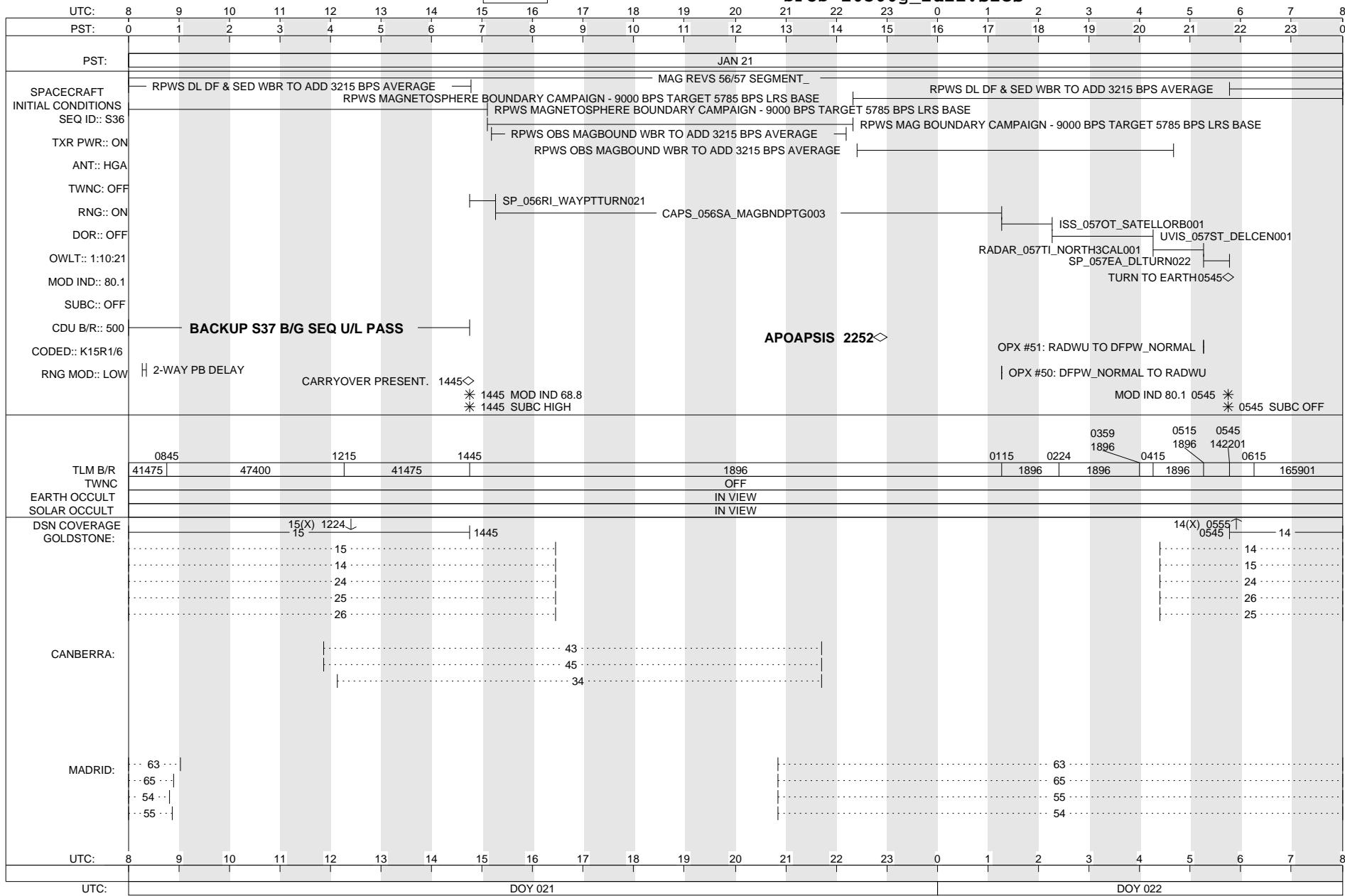
021-022

JANUARY 21, 2008 - JANUARY 22, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos



TUESDAY 022-023

JANUARY 22, 2008 - JANUARY 23, 2008

MISSING
IMAGE

CASSINI SFOS

SOE z0360g_full.soe
SFOS z0360g_full.sfos

SPACECRAFT INITIAL CONDITIONS SEQ ID:: S36

RPWS DL DF & SED WBR TO ADD 3215 BPS AVERAGE

MAG REV 56/57 SEGMENT_

RPWS MAGNETOSPHERE BOUNDARY CAMPAIGN - 9000 BPS TARGET 5785 BPS LRS BASE

BEGIN S37 SEQ 1445◊

SCO_NOTE: AACSBIA RTC WINDOW

2-WAY PB DELAY

PLAYBACK COMPLETE. 1445◊

1430

165901

142201

OFF

IN VIEW

IN VIEW

14(X) 1440 1445

14

15

24

26

25

43

45

34

63

65

55

54

DOY 022

DOY 023

ISSUE DATE: 12/06/07