

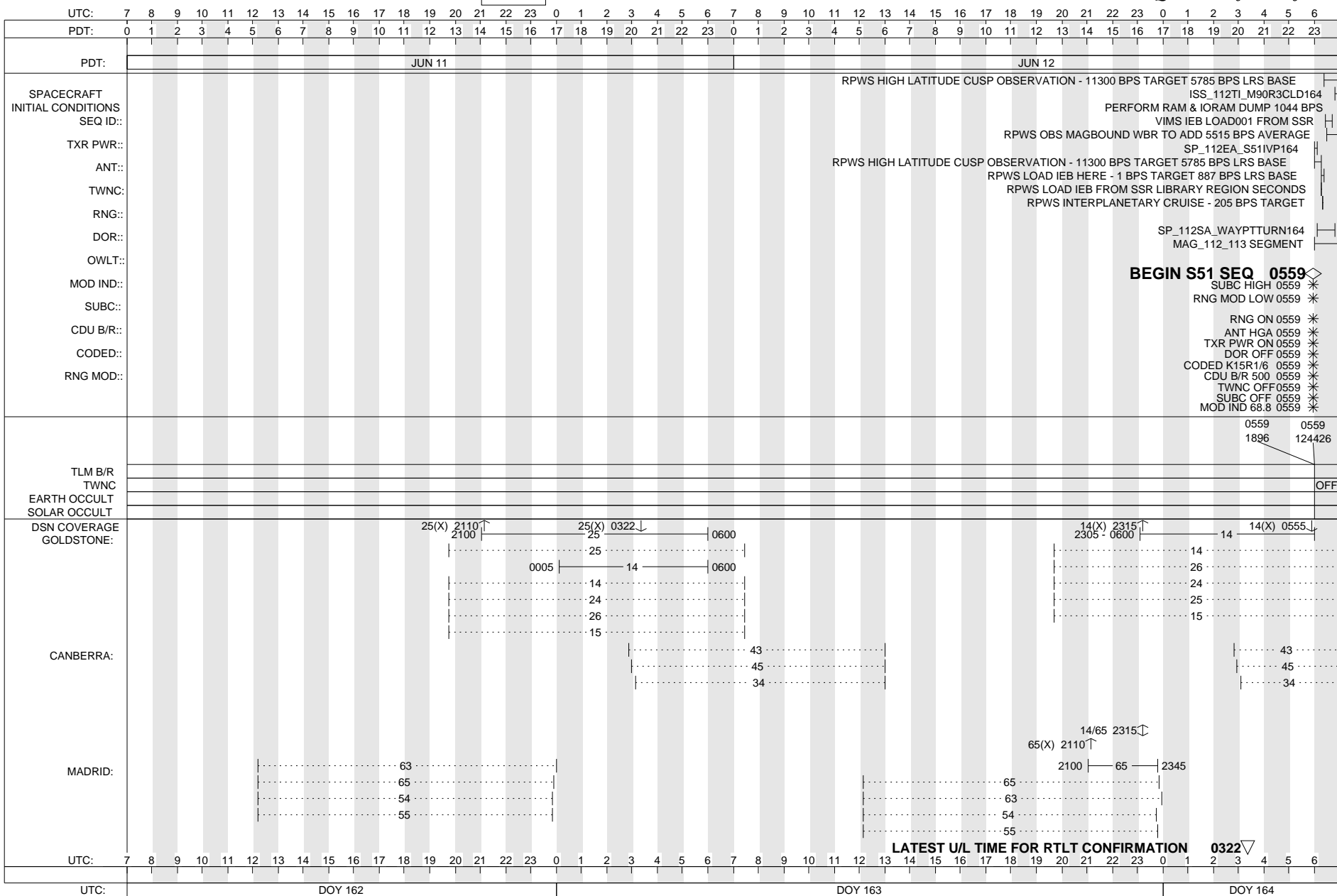
THURSDAY 162-164  
 JUNE 11, 2009 - JUNE 13, 2009

MISSING  
 IMAGE

CASSINI SFOS

SFOS z0510o.sfos  
 CAS\_09164\_09204\_S51r10.atlc

SOE z0510o.soe  
 SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

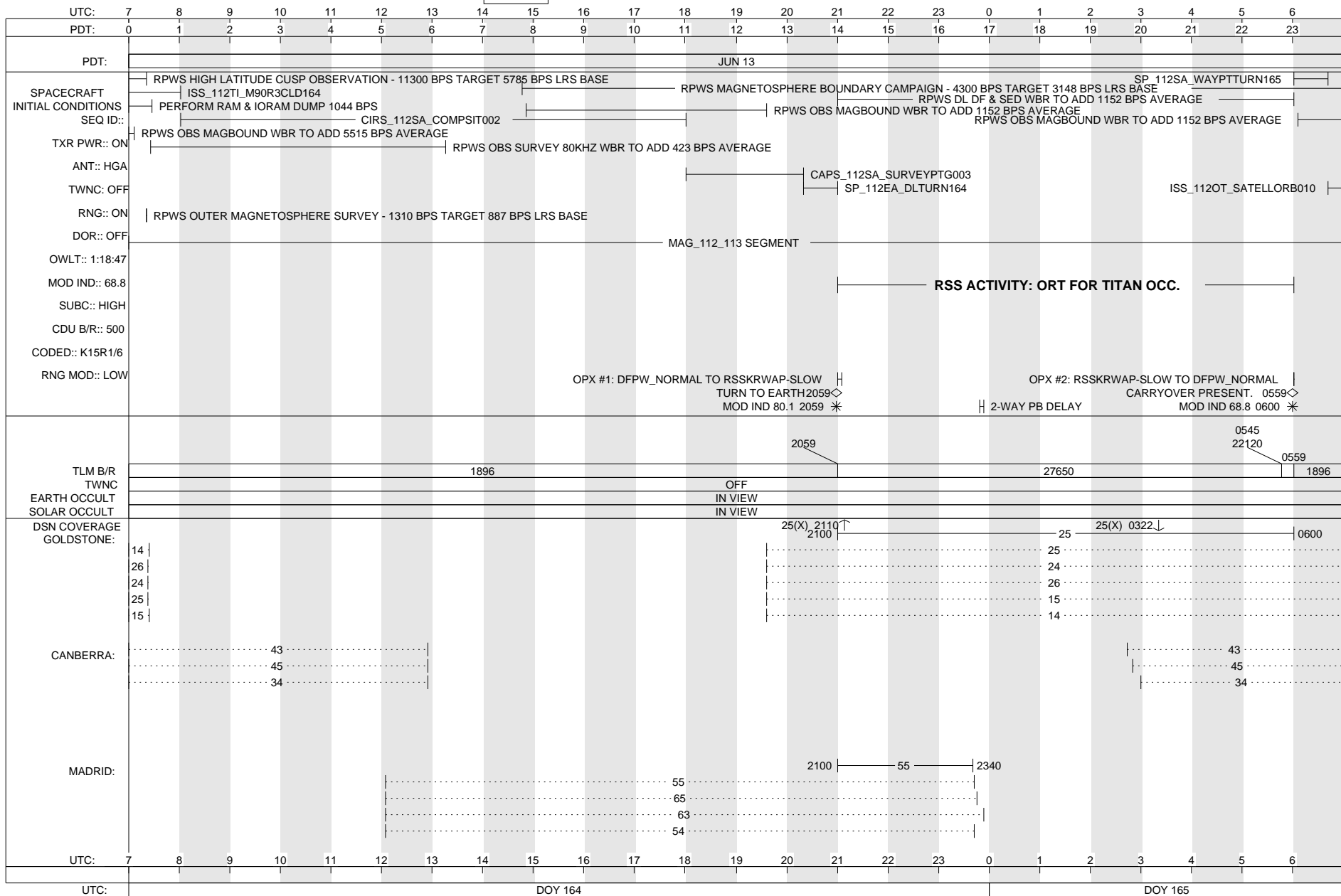
SATURDAY 164-165  
 JUNE 13, 2009 - JUNE 14, 2009

MISSING  
 IMAGE

CASSINI SFOS

SFOS z0510o.sfos  
 CAS\_09164\_09204\_S51r10.allc

SOE z0510o.soe  
 SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

SUNDAY 165-166

JUNE 14, 2009 - JUNE 15, 2009

MISSING  
IMAGE

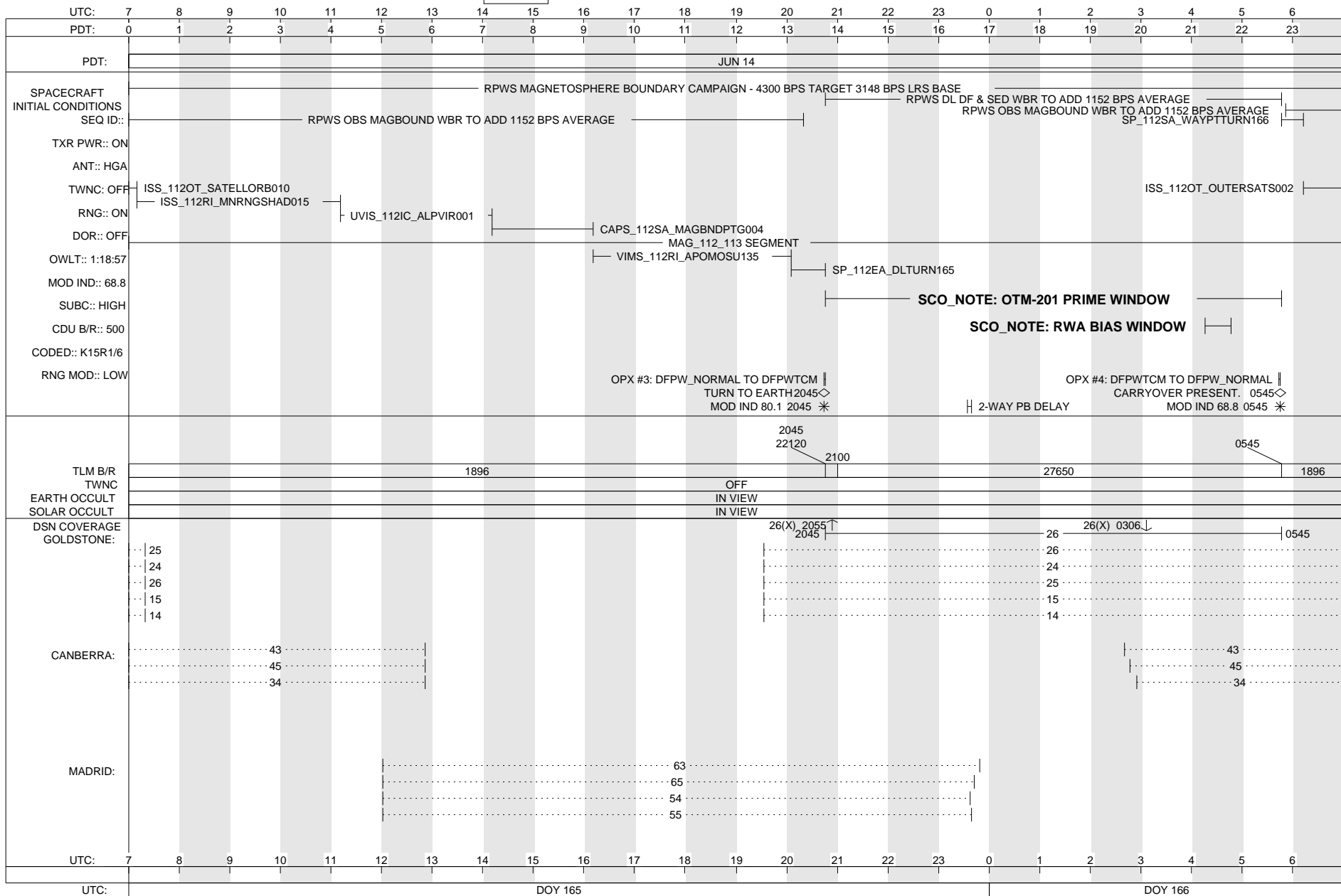
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe

SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

MONDAY 166-167

JUNE 15, 2009 - JUNE 16, 2009

MISSING  
IMAGE

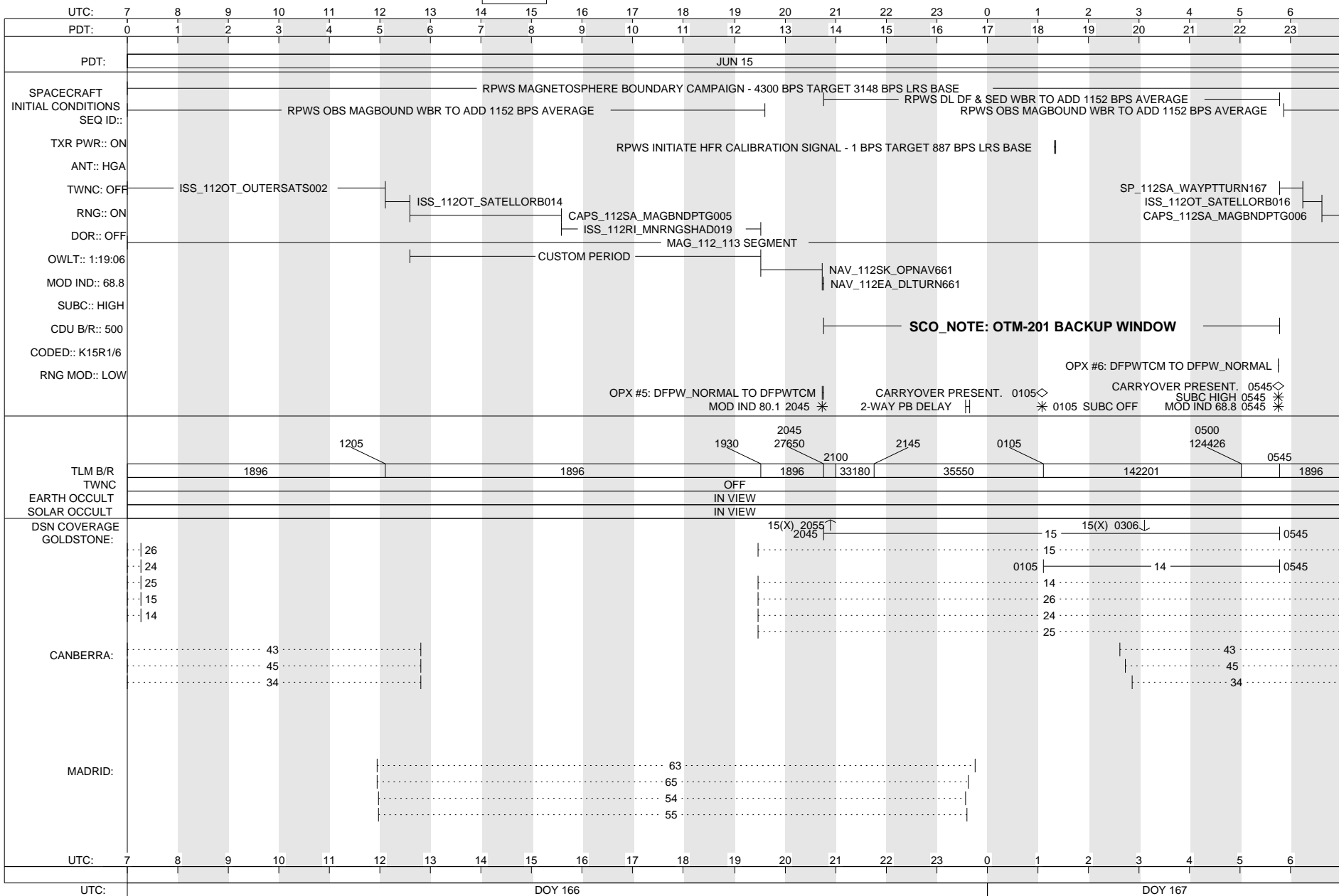
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.atlc

SOE z0510o.soe

SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

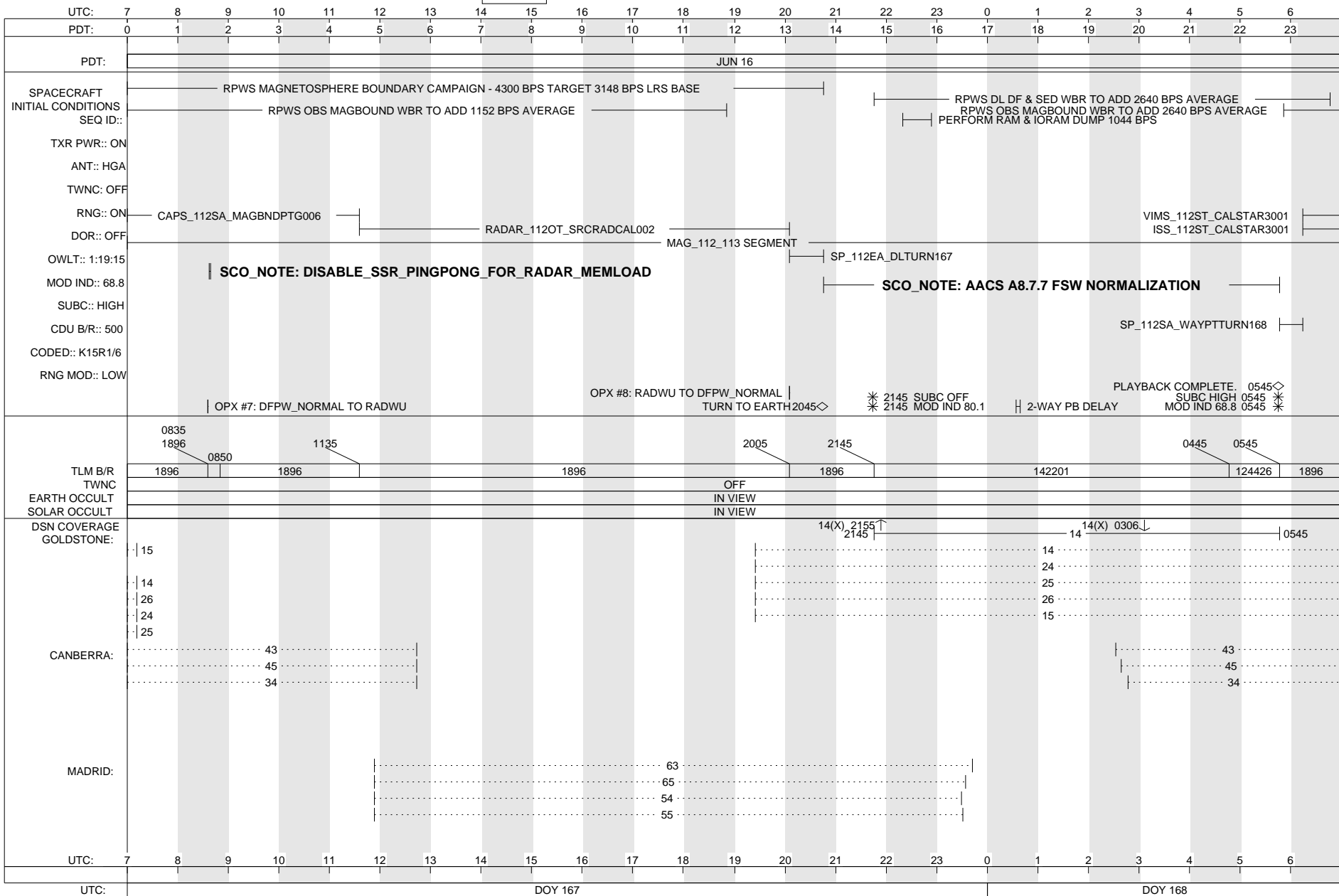
TUESDAY 167-168  
 JUNE 16, 2009 - JUNE 17, 2009

MISSING  
 IMAGE

CASSINI SFOS

SFOS z0510o.sfos  
 CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe  
 SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

WEDNESDAY 168-169

JUNE 17, 2009 - JUNE 18, 2009

MISSING  
IMAGE

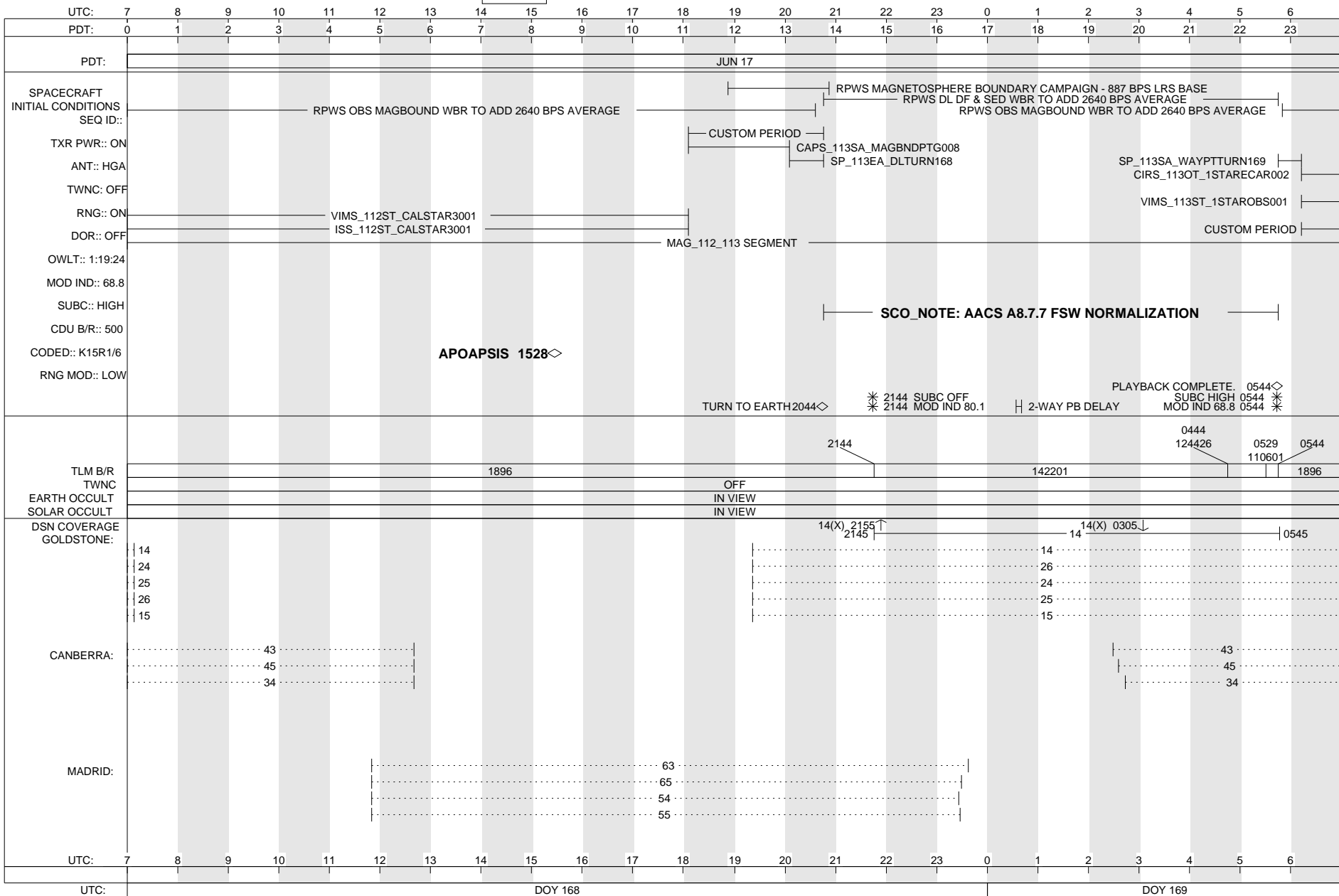
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe

SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

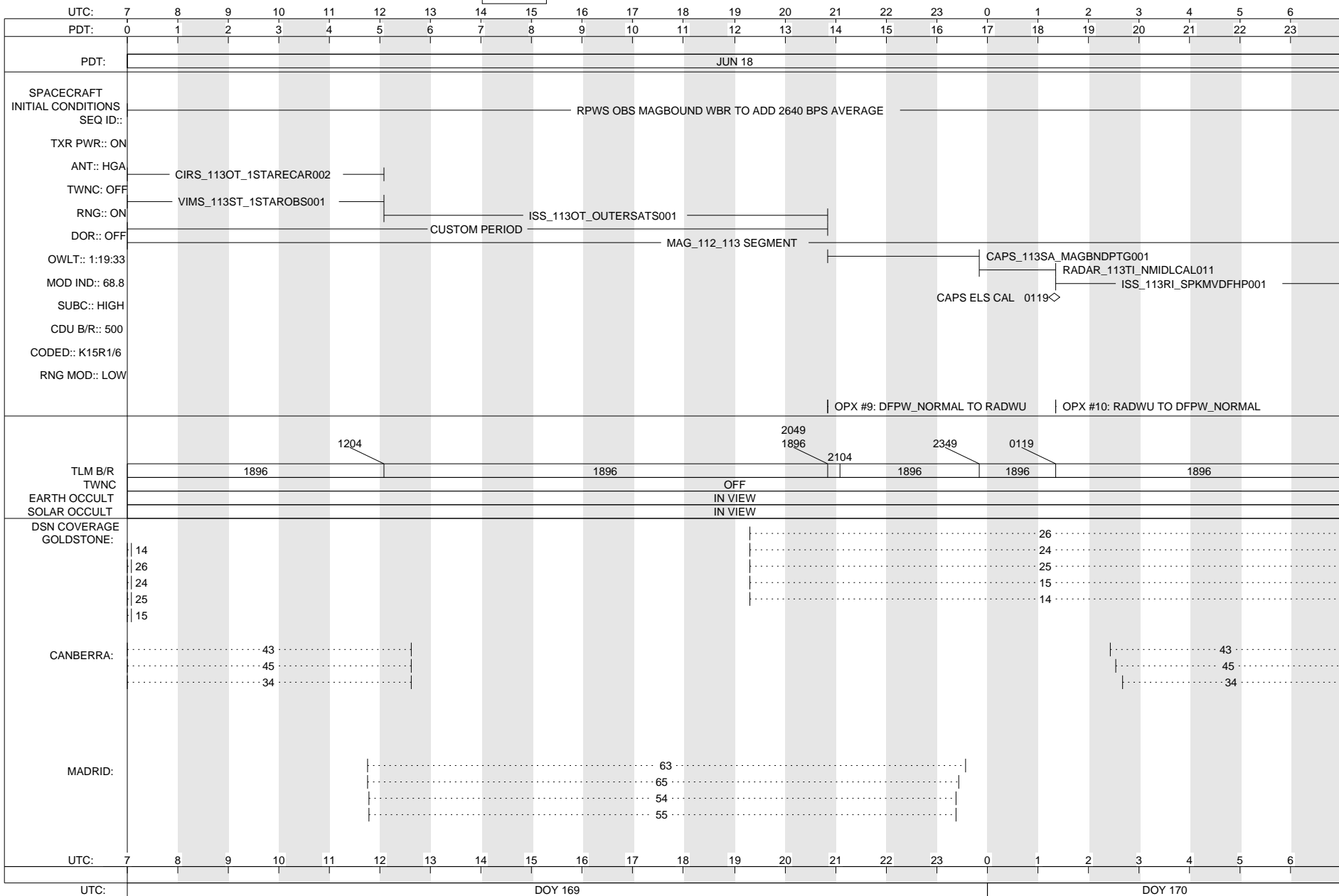
THURSDAY 169-170  
 JUNE 18, 2009 - JUNE 19, 2009

MISSING  
 IMAGE

CASSINI SFOS

SFOS z0510o.sfos  
 CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe  
 SEQ z0510h\_full.sasf



FRIDAY 170-171

JUNE 19, 2009 - JUNE 20, 2009

MISSING  
IMAGE

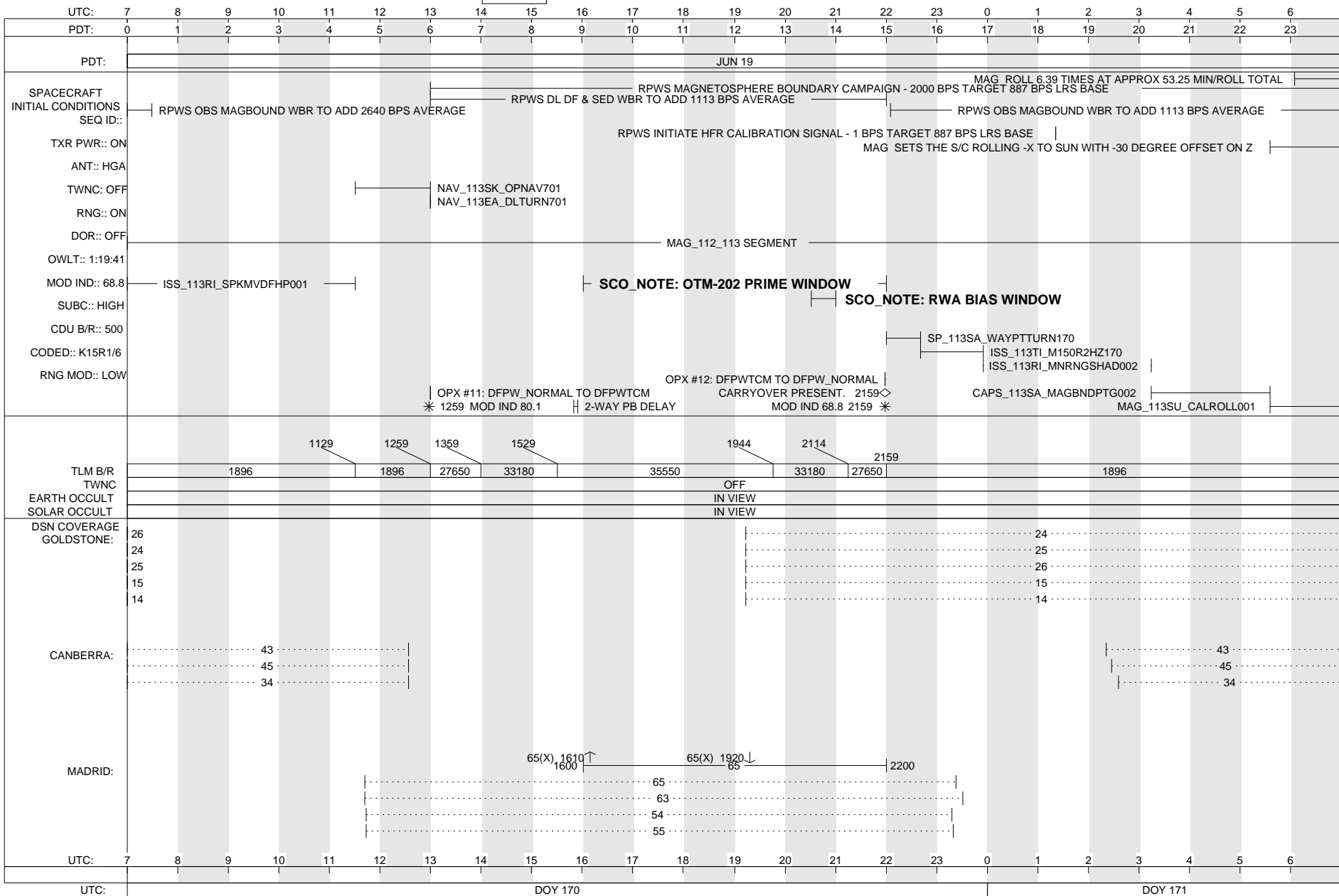
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe

SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09



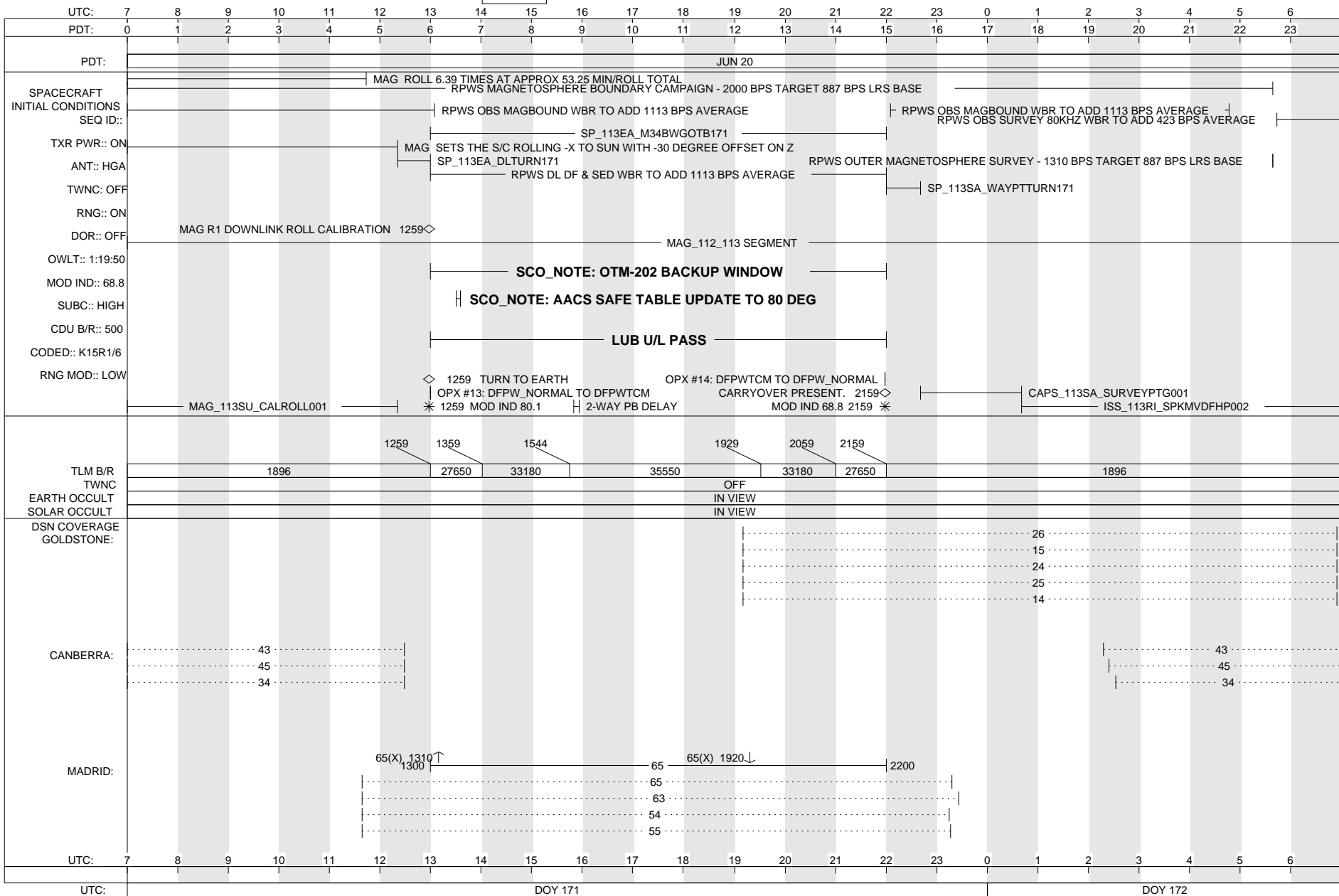
SATURDAY 171-172  
 JUNE 20, 2009 - JUNE 21, 2009

MISSING  
 IMAGE

CASSINI SFOS

SFOS z0510o.sfos  
 CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe  
 SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

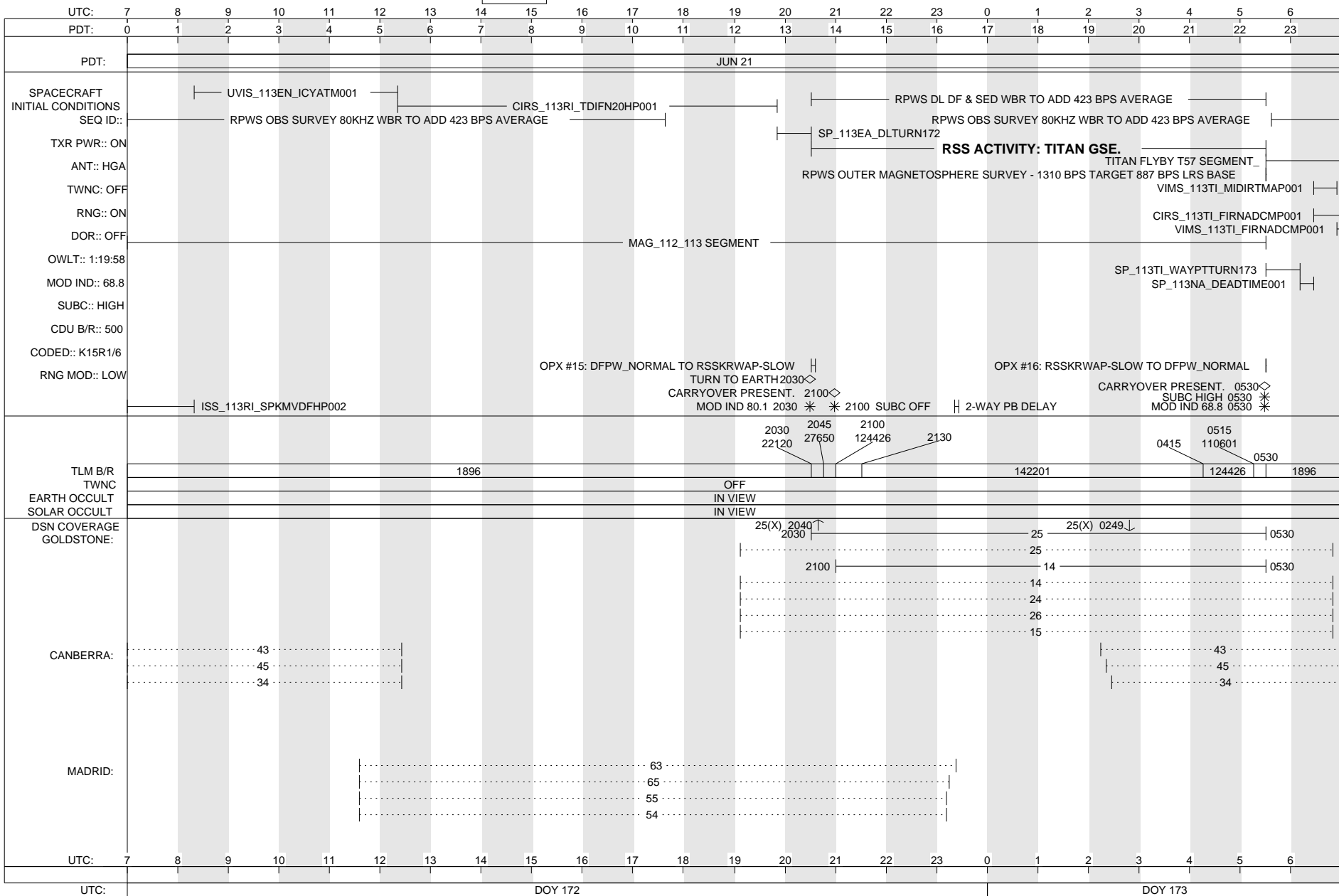
SUNDAY 172-173  
 JUNE 21, 2009 - JUNE 22, 2009

MISSING  
 IMAGE

CASSINI SFOS

SFOS z0510o.sfos  
 CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe  
 SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

MONDAY 173

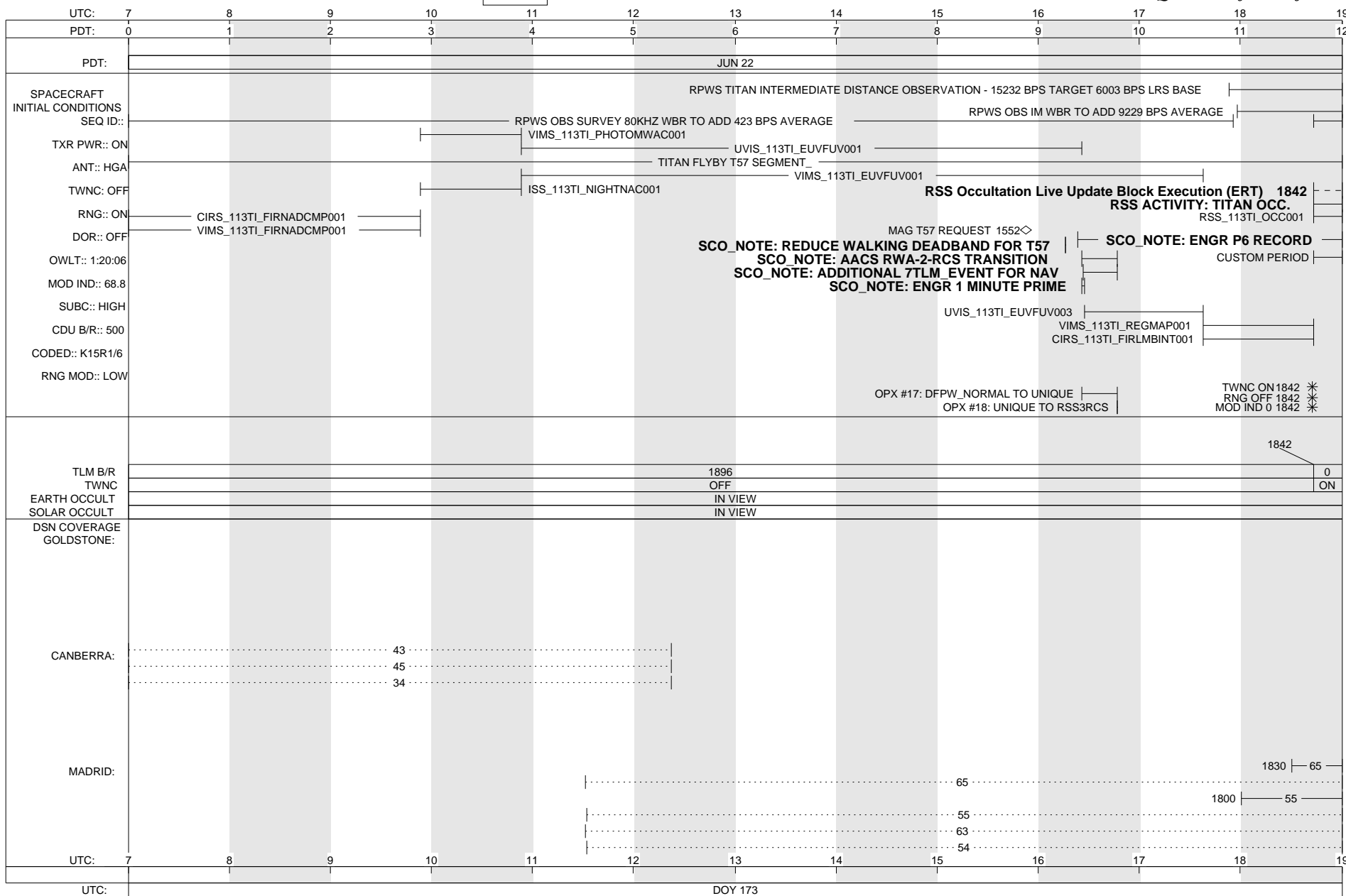
JUNE 22, 2009 - JUNE 22, 2009

MISSING  
IMAGE

# CASSINI SFOS

SFOS z0510o.sfos  
CAS\_09164\_09204\_S51r10.atlc

SOE z0510o.soe  
SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

MONDAY 173-174

JUNE 22, 2009 - JUNE 23, 2009

MISSING  
IMAGE

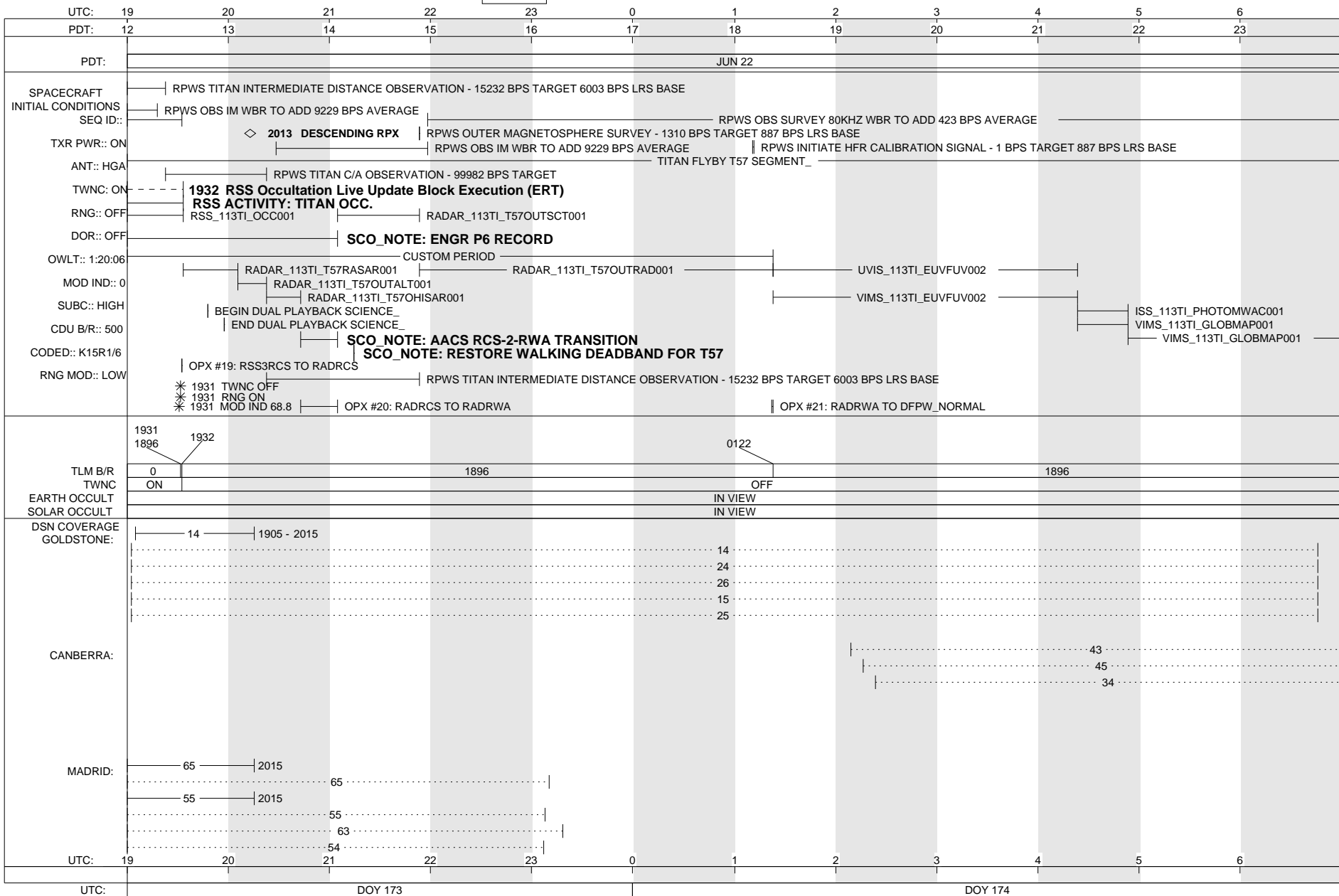
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe

SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

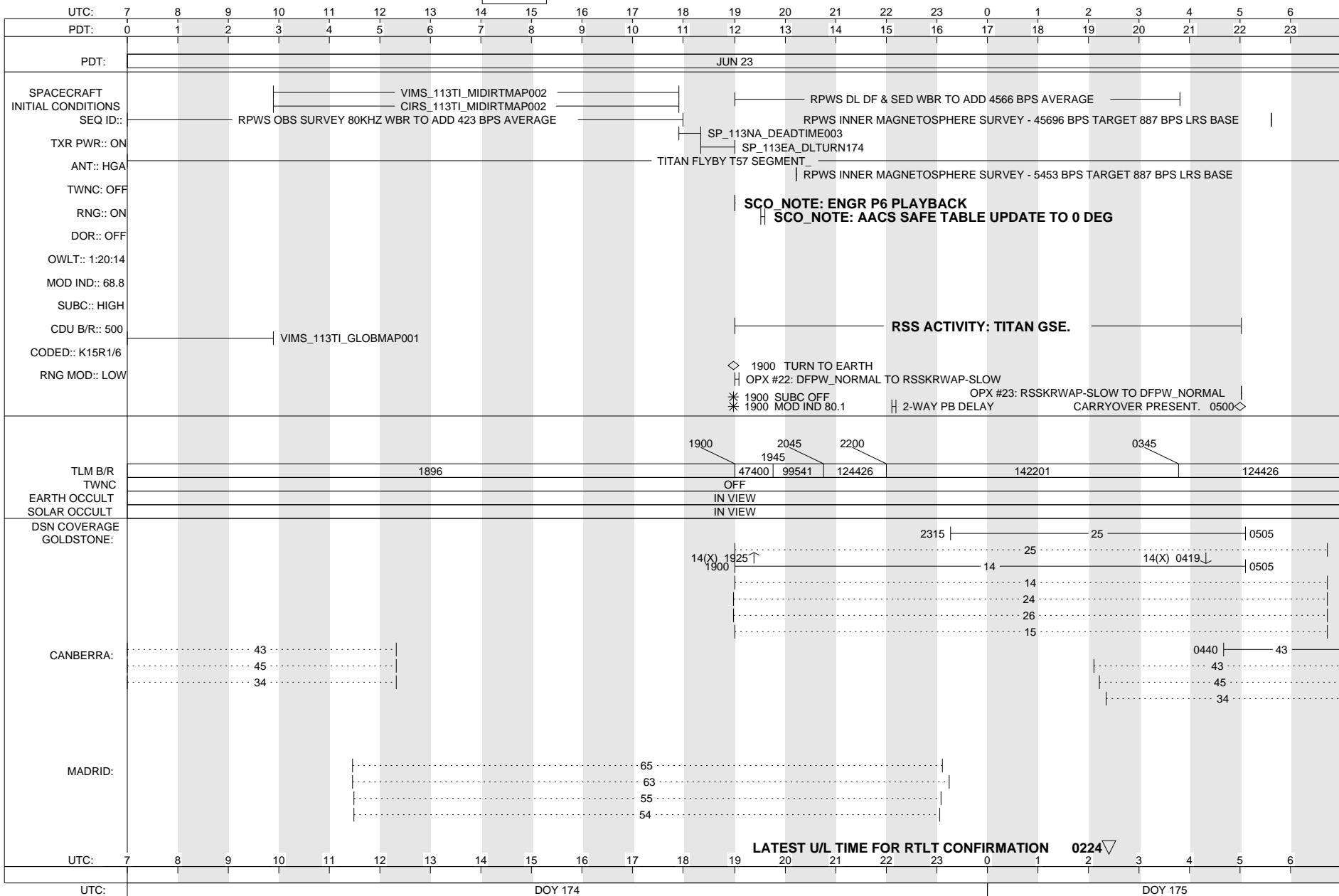
TUESDAY 174-175  
 JUNE 23, 2009 - JUNE 24, 2009

MISSING  
 IMAGE

CASSINI SFOS

SFOS z0510o.sfos  
 CAS\_09164\_09204\_S51r10.allc

SOE z0510o.soe  
 SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

WEDNESDAY 175-176

JUNE 24, 2009 - JUNE 25, 2009

MISSING  
IMAGE

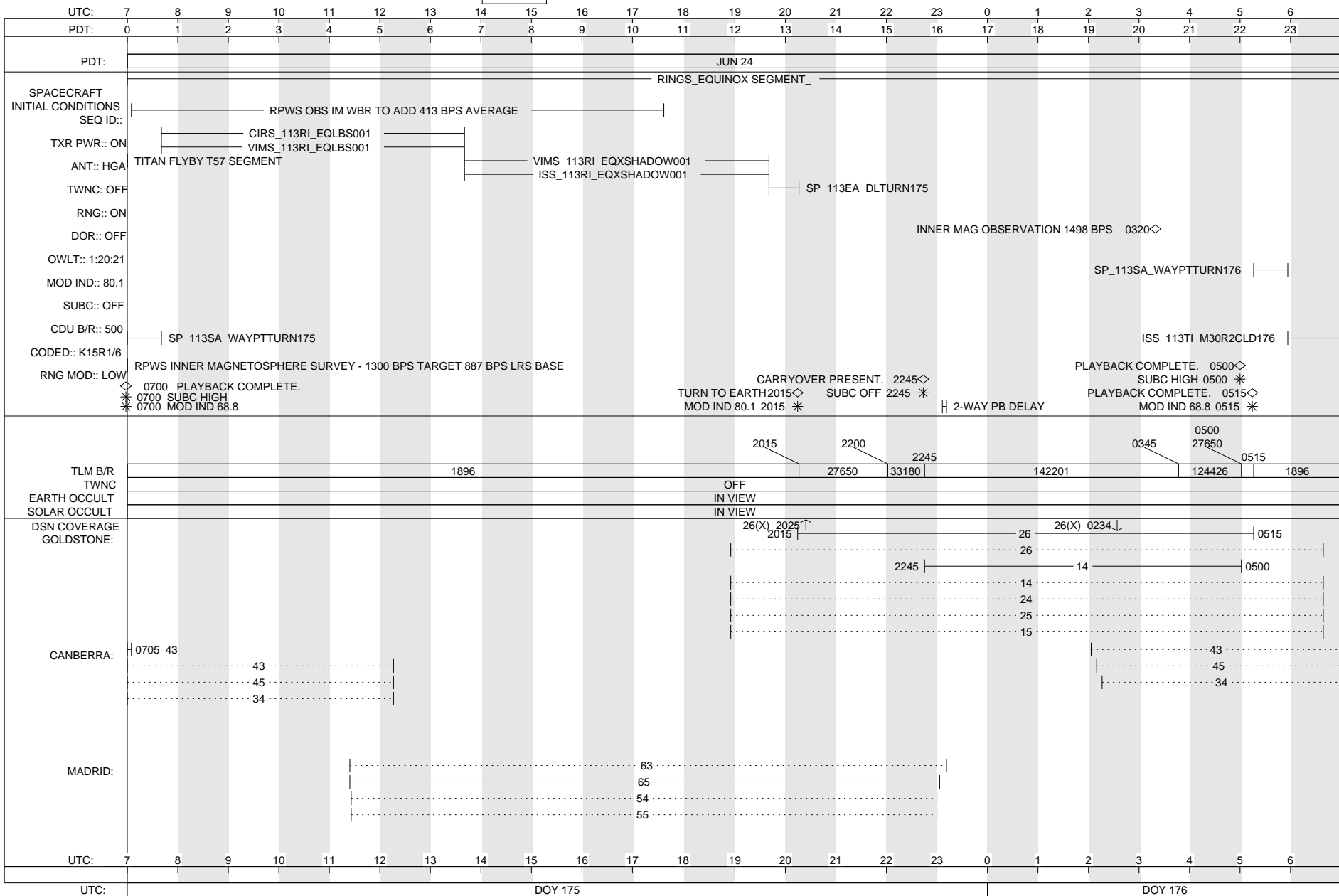
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe

SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

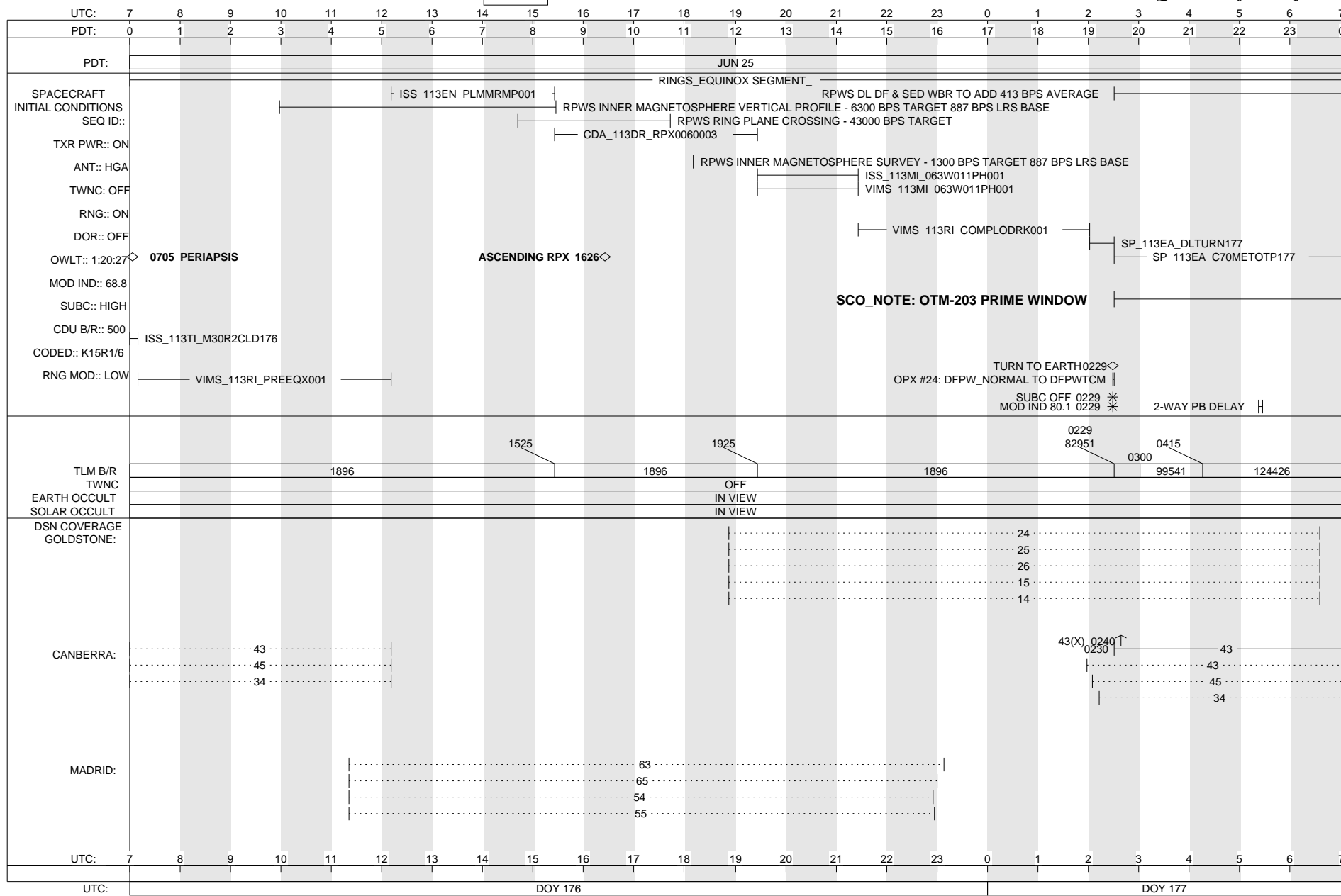
THURSDAY 176-177  
 JUNE 25, 2009 - JUNE 26, 2009

MISSING  
 IMAGE

CASSINI SFOS

SFOS z0510o.sfos  
 CAS\_09164\_09204\_S51r10.allc

SOE z0510o.soe  
 SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

FRIDAY 177-178

JUNE 26, 2009 - JUNE 27, 2009

MISSING  
IMAGE

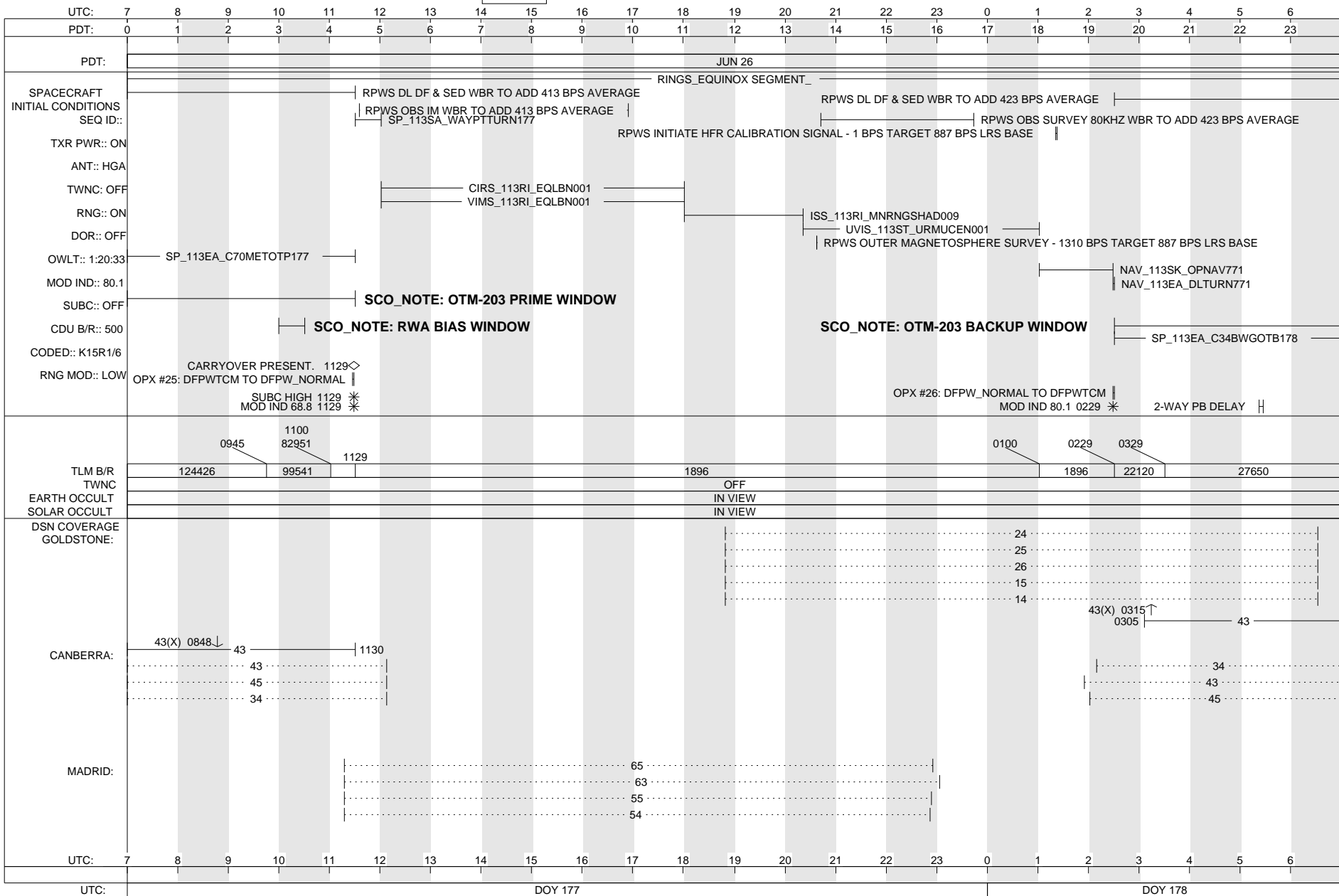
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe

SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09



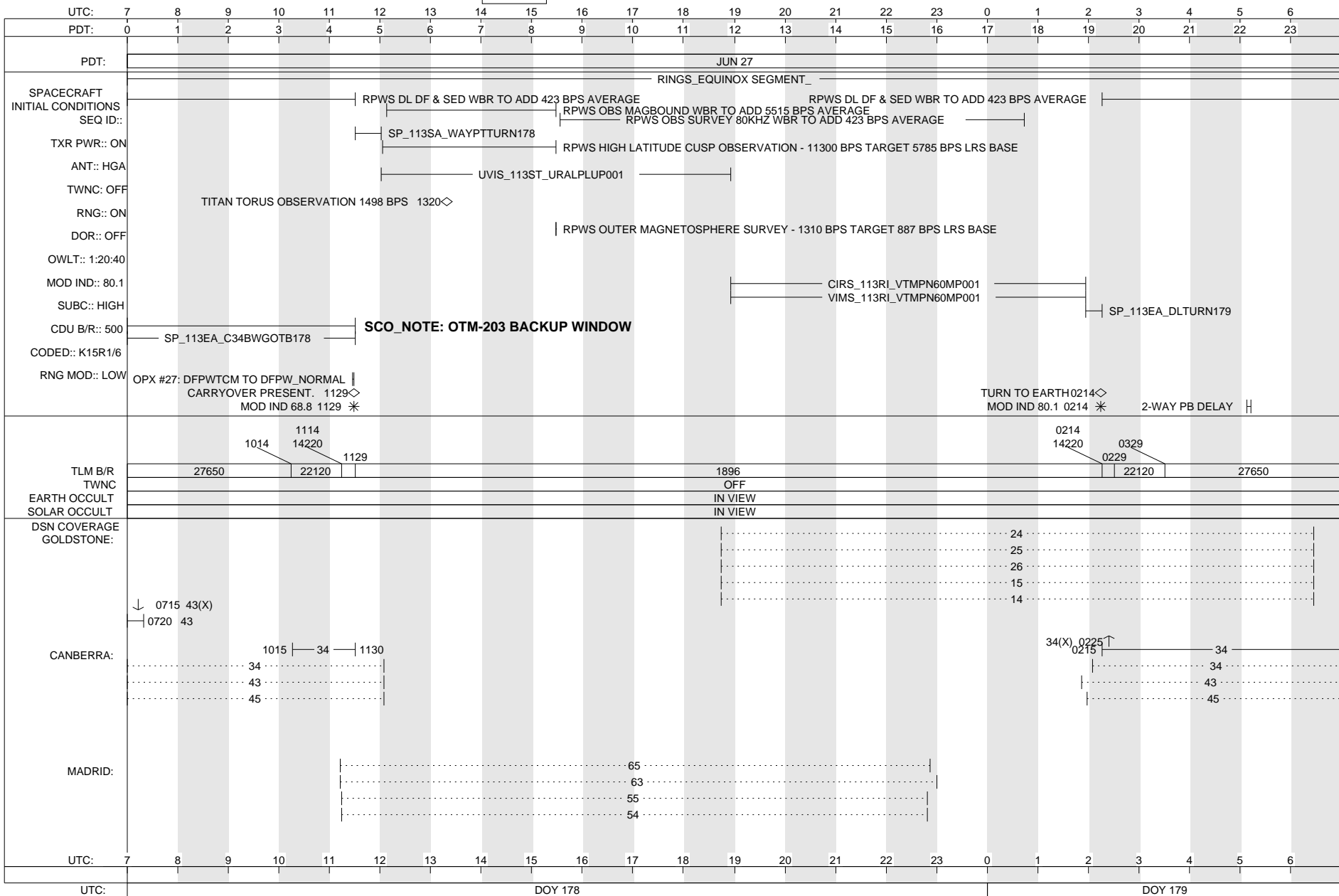
SATURDAY 178-179  
 JUNE 27, 2009 - JUNE 28, 2009

MISSING  
 IMAGE

CASSINI SFOS

SFOS z0510o.sfos  
 CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe  
 SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

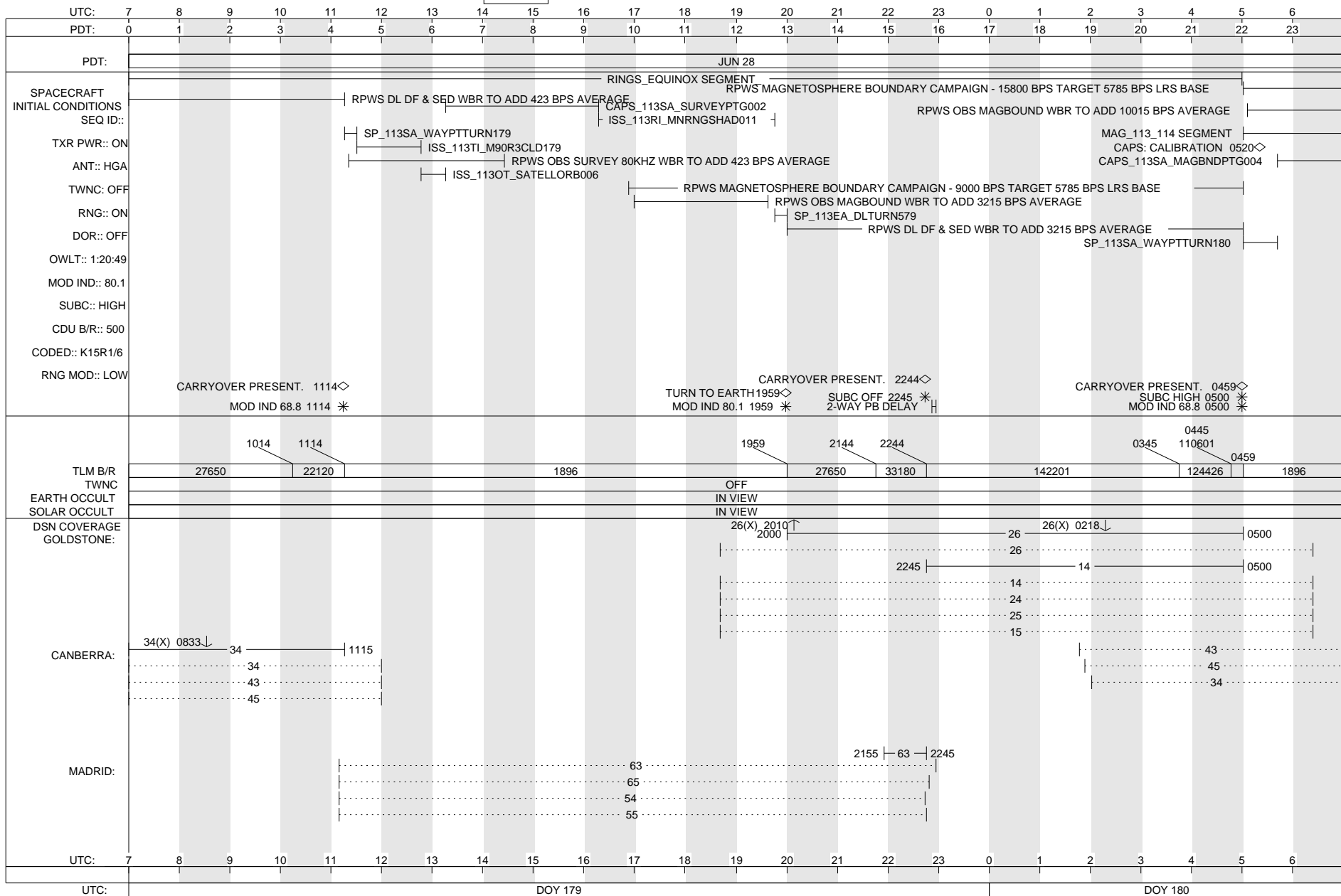
SUNDAY 179-180  
 JUNE 28, 2009 - JUNE 29, 2009

MISSING  
 IMAGE

CASSINI SFOS

SFOS z0510o.sfos  
 CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe  
 SEQ z0510h\_full.sasf



MONDAY 180-181

JUNE 29, 2009 - JUNE 30, 2009

MISSING  
IMAGE

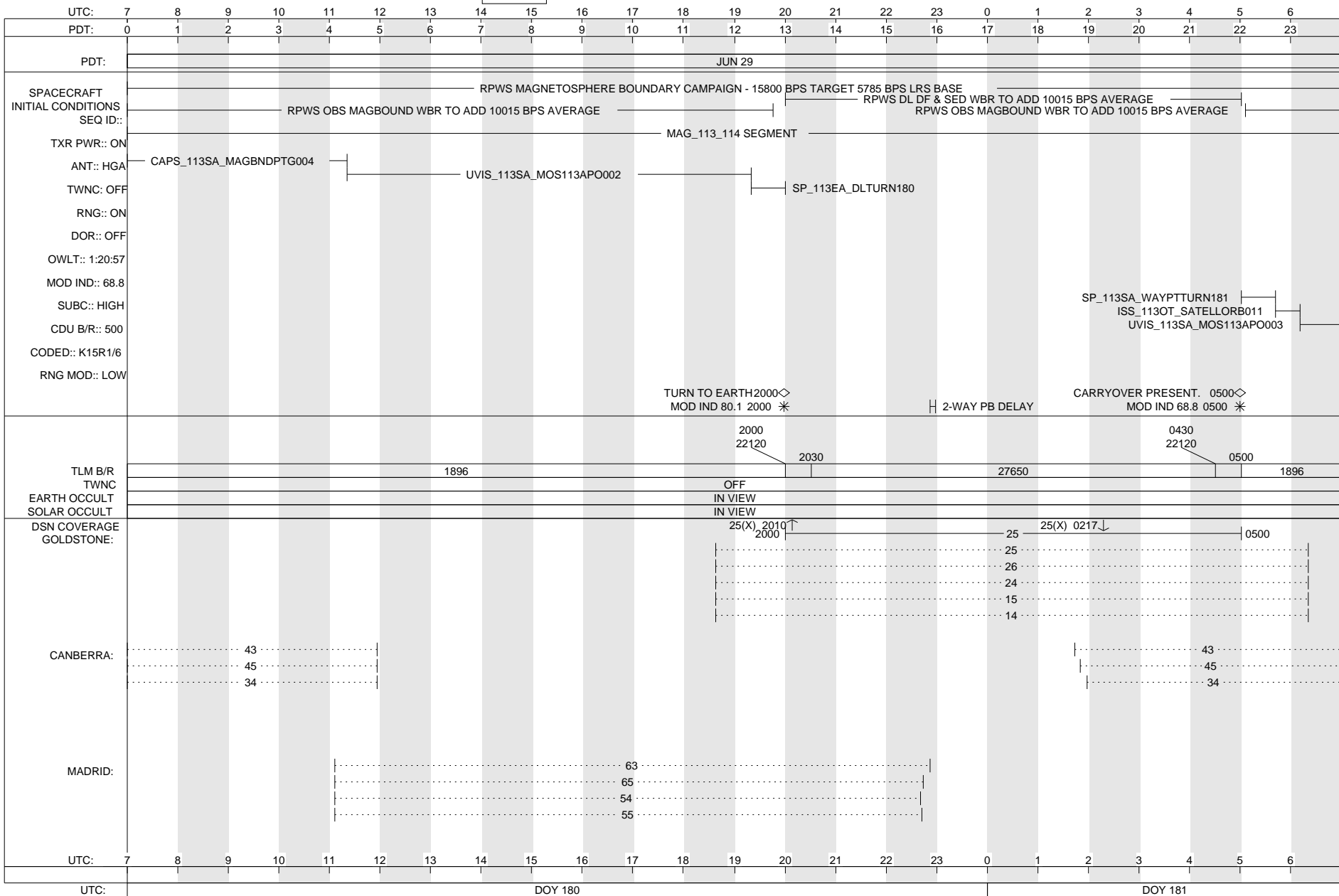
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe

SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

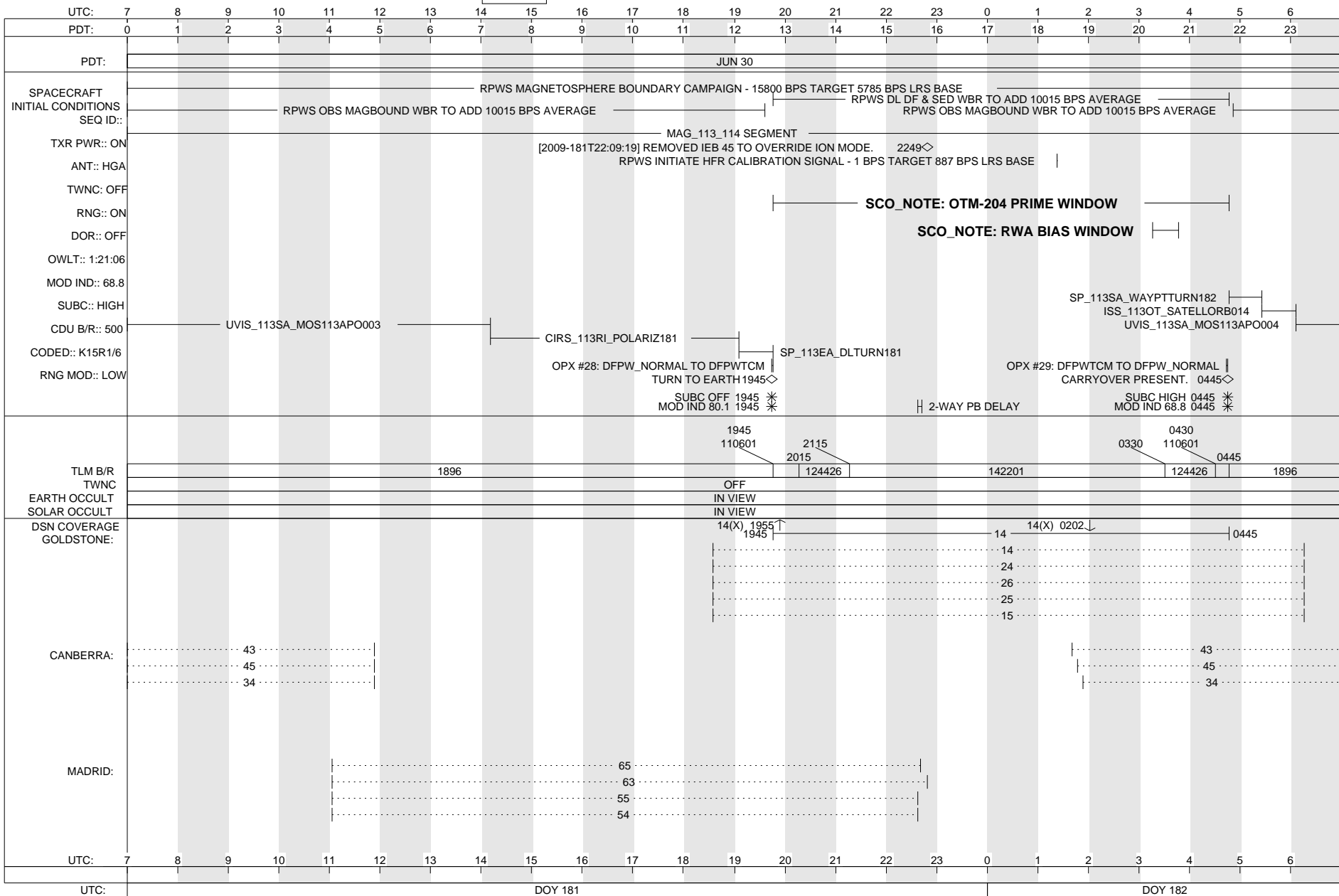
TUESDAY 181-182  
 JUNE 30, 2009 - JULY 1, 2009

MISSING  
 IMAGE

CASSINI SFOS

SFOS z0510o.sfos  
 CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe  
 SEQ z0510h\_full.sasf



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WEDNESDAY 182-183

JULY 1, 2009 - JULY 2, 2009

MISSING  
IMAGE

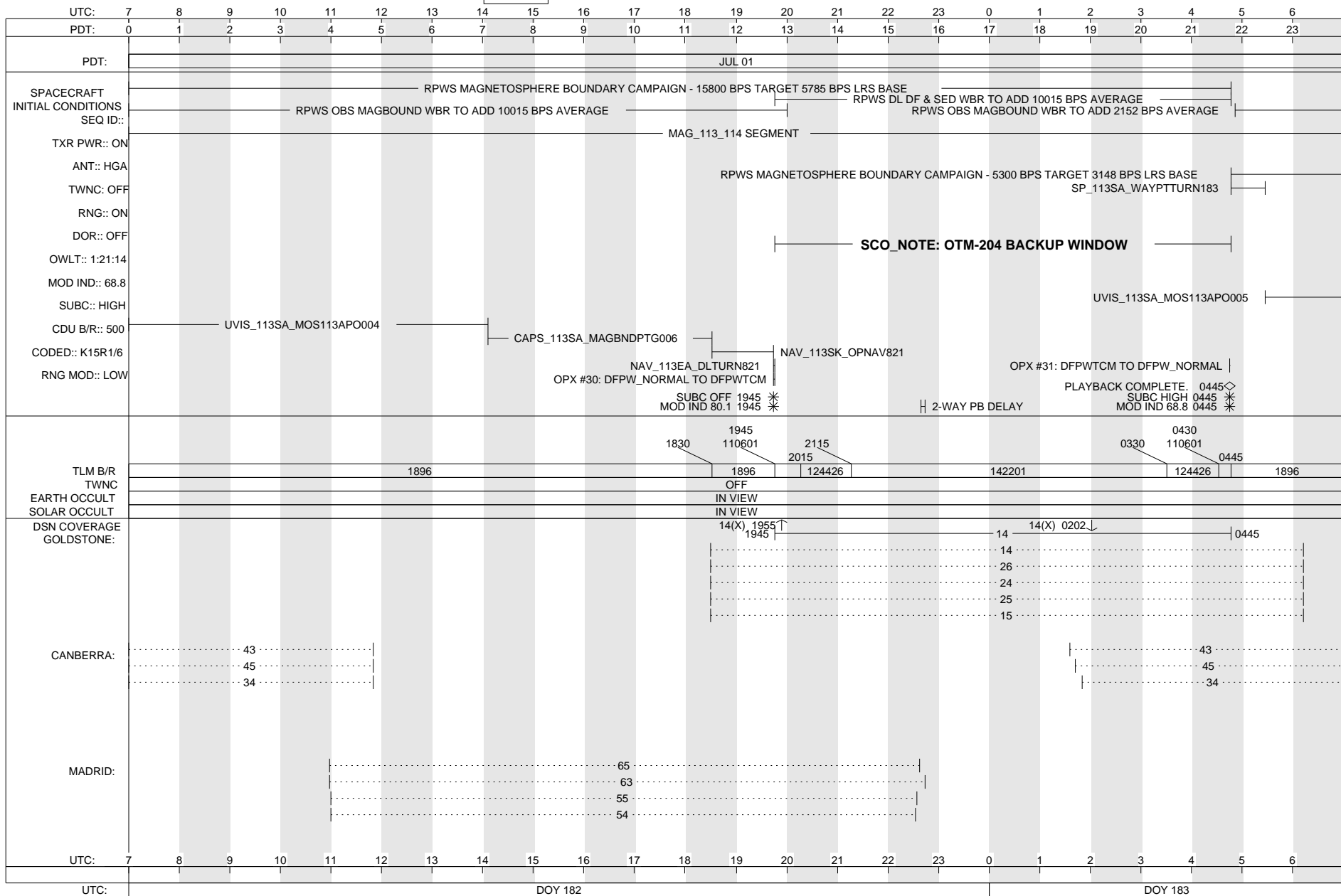
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe

SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

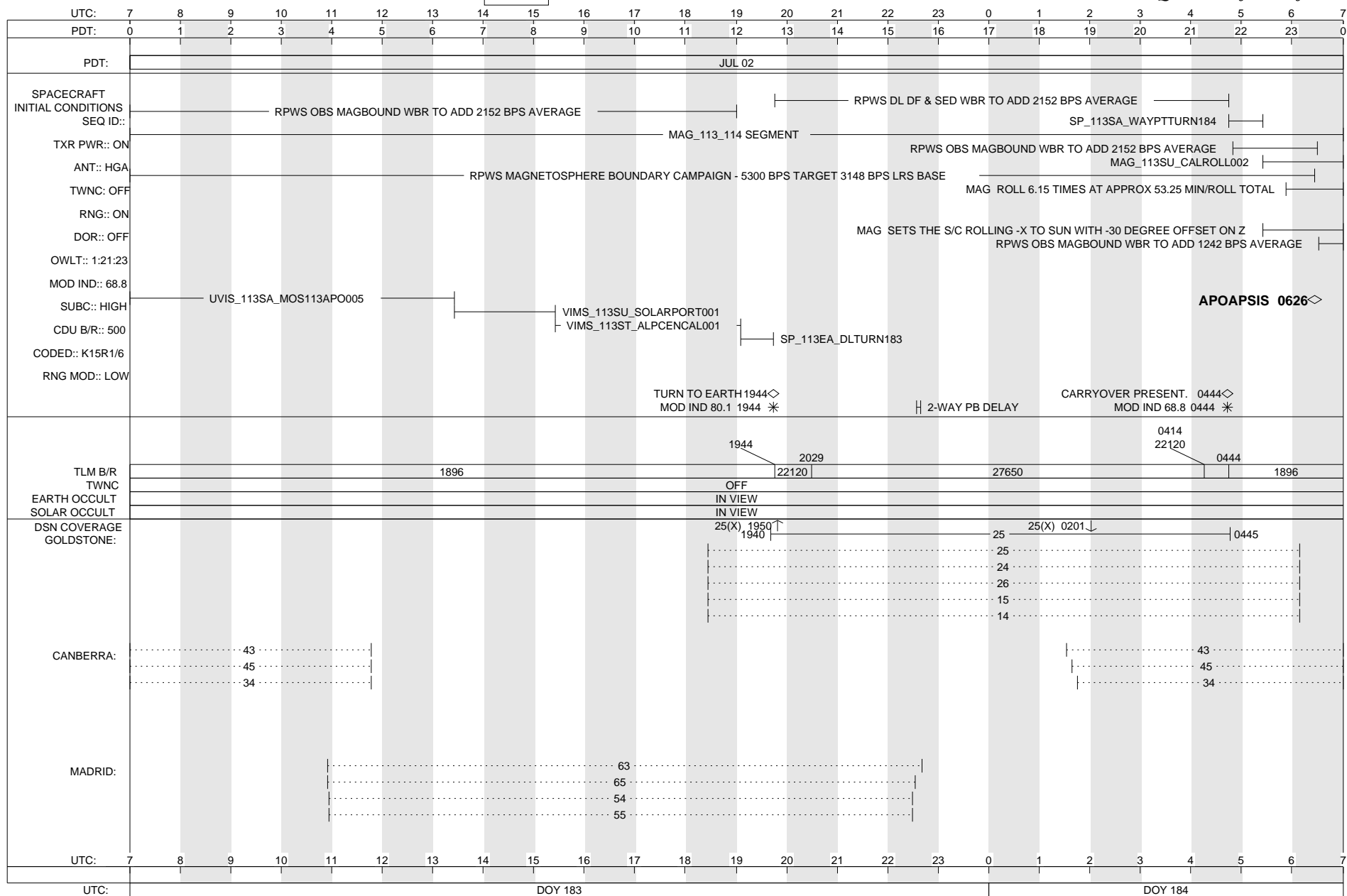
THURSDAY 183-184  
 JULY 2, 2009 - JULY 3, 2009

MISSING  
 IMAGE

CASSINI SFOS

SFOS z0510o.sfos  
 CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe  
 SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

FRIDAY

184-185

JULY 3, 2009 - JULY 4, 2009

MISSING  
IMAGE

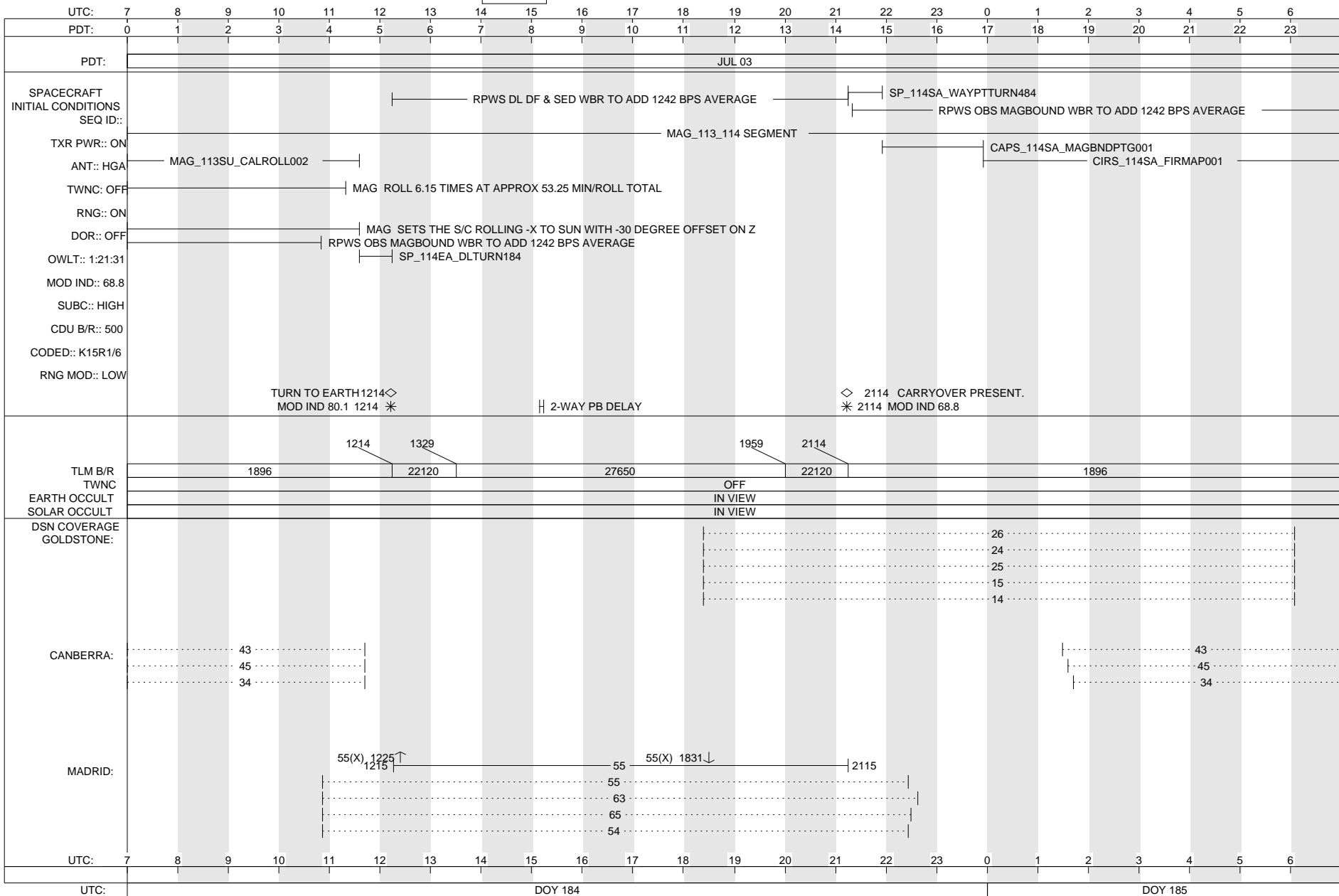
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe

SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

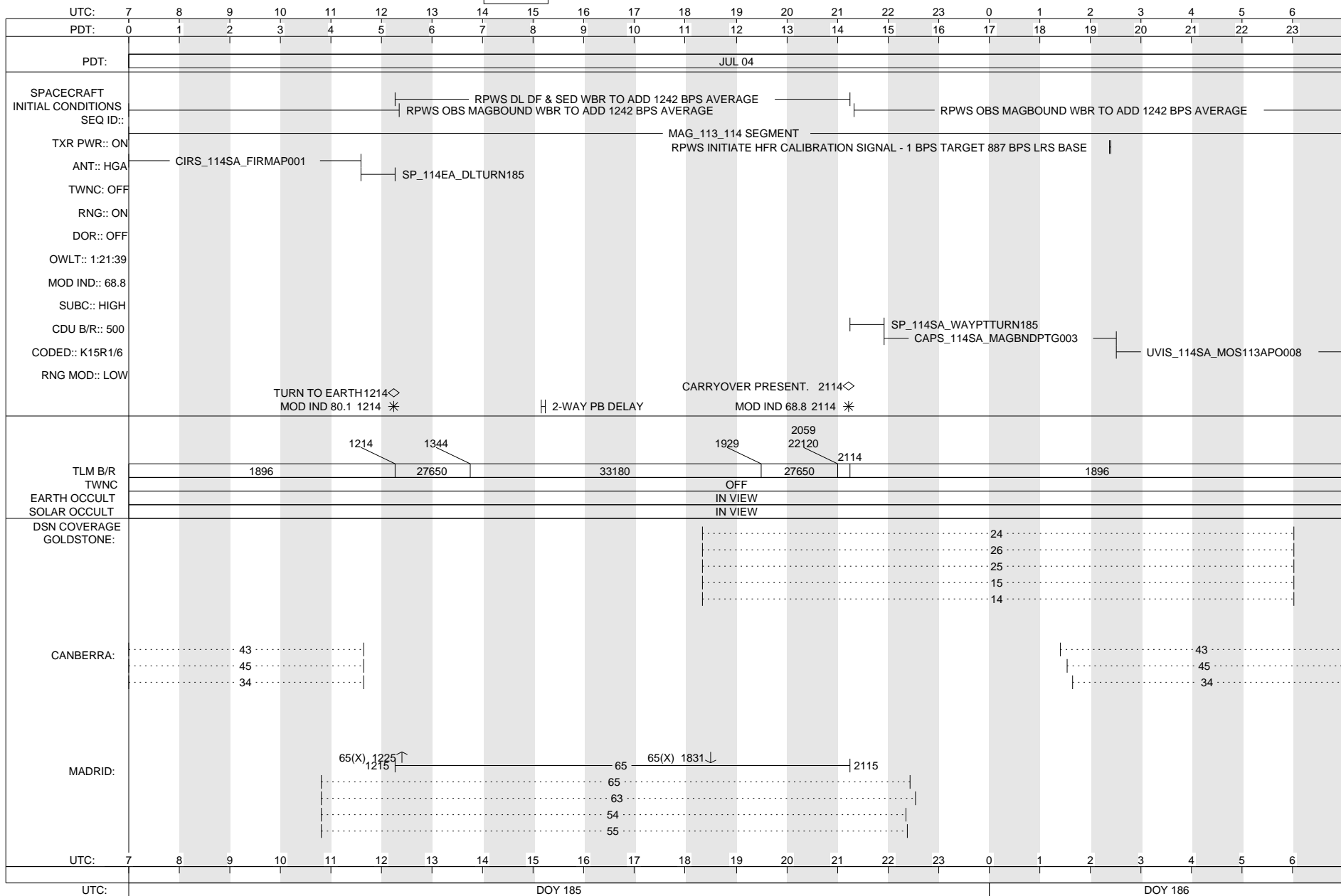
SATURDAY 185-186  
 JULY 4, 2009 - JULY 5, 2009

MISSING  
 IMAGE

CASSINI SFOS

SFOS z0510o.sfos  
 CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe  
 SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09



SUNDAY 186-187

JULY 5, 2009 - JULY 6, 2009

MISSING  
IMAGE

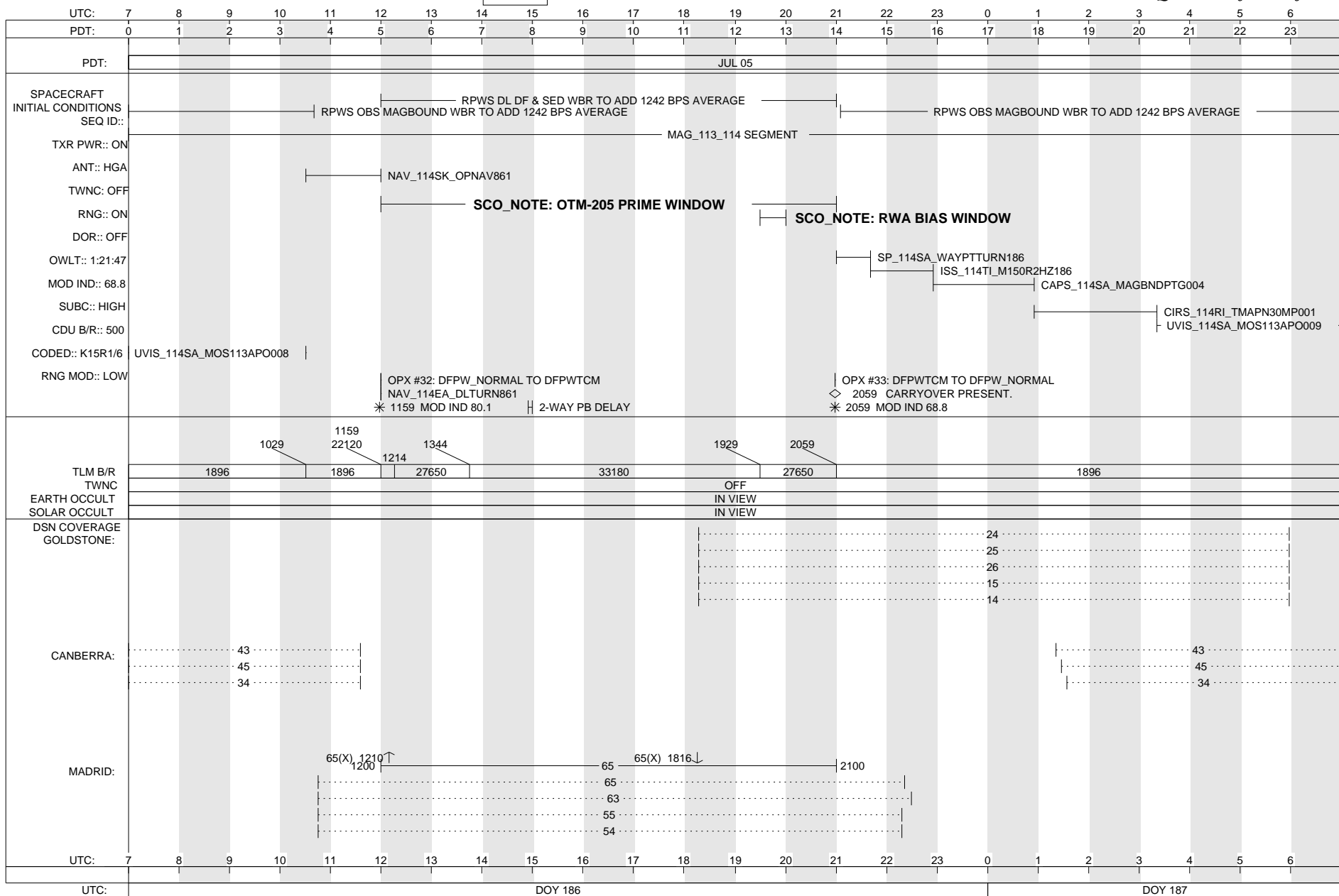
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.alc

SOE z0510o.soe

SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

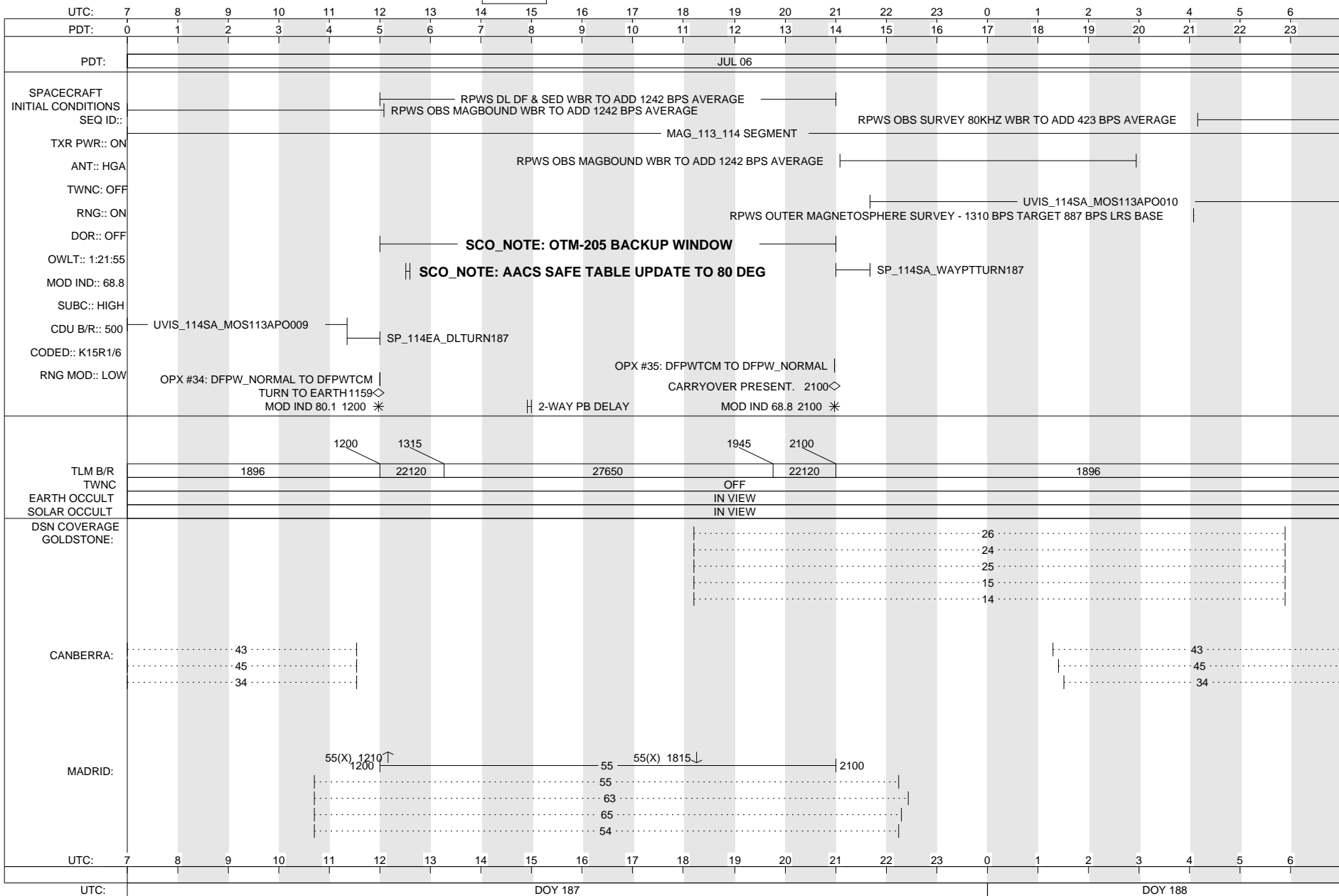
MONDAY 187-188  
 JULY 6, 2009 - JULY 7, 2009

MISSING  
 IMAGE

CASSINI SFOS

SFOS z0510o.sfos  
 CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe  
 SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

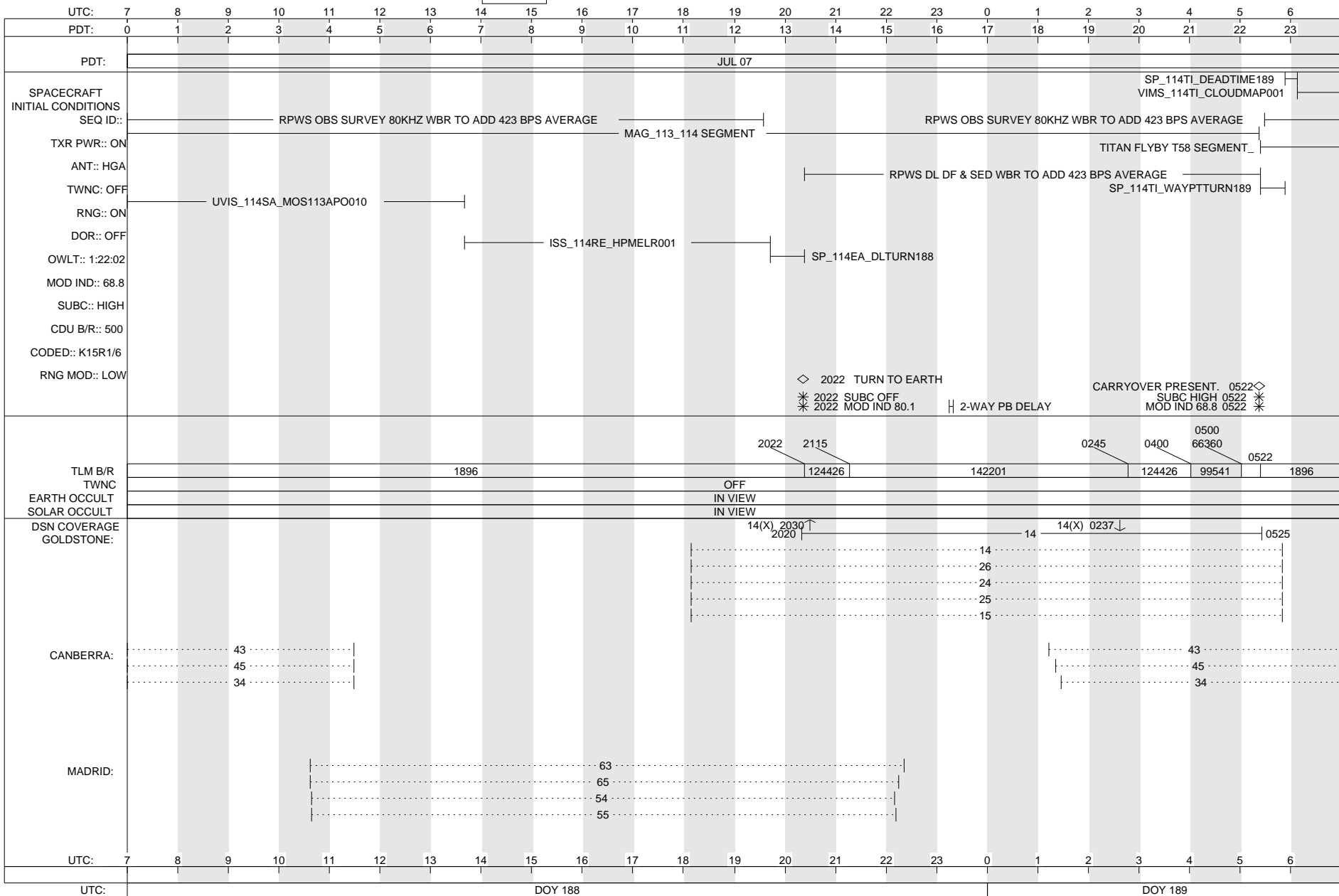
TUESDAY 188-189  
 JULY 7, 2009 - JULY 8, 2009

MISSING  
 IMAGE

CASSINI SFOS

SFOS z0510o.sfos  
 CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe  
 SEQ z0510h\_full.sasf



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WEDNESDAY 189

JULY 8, 2009 - JULY 8, 2009

MISSING  
IMAGE

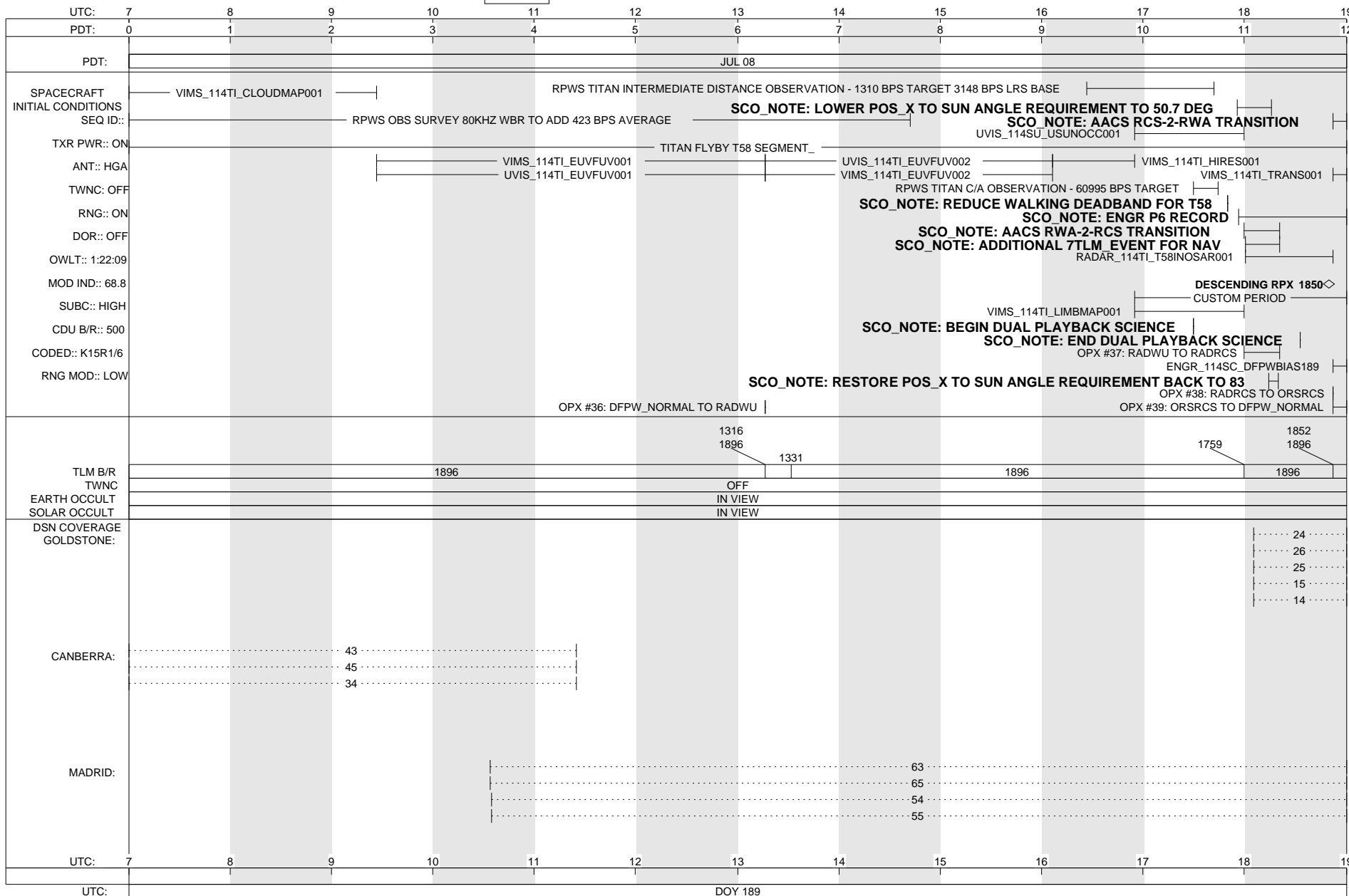
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.attc

SOE z0510o.soe

SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

WEDNESDAY 189-190

JULY 8, 2009 - JULY 9, 2009

MISSING  
IMAGE

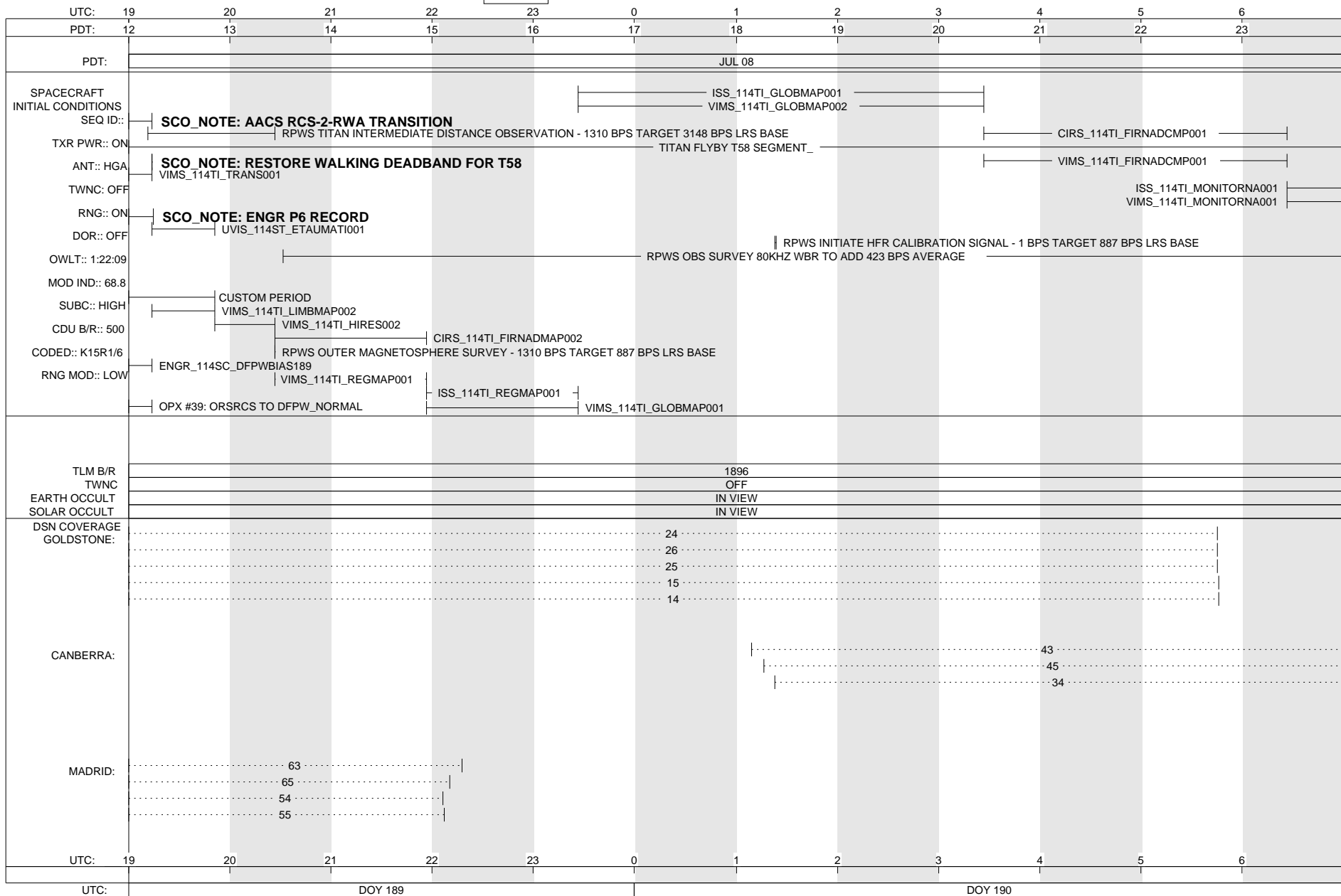
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.atlc

SOE z0510o.soe

SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

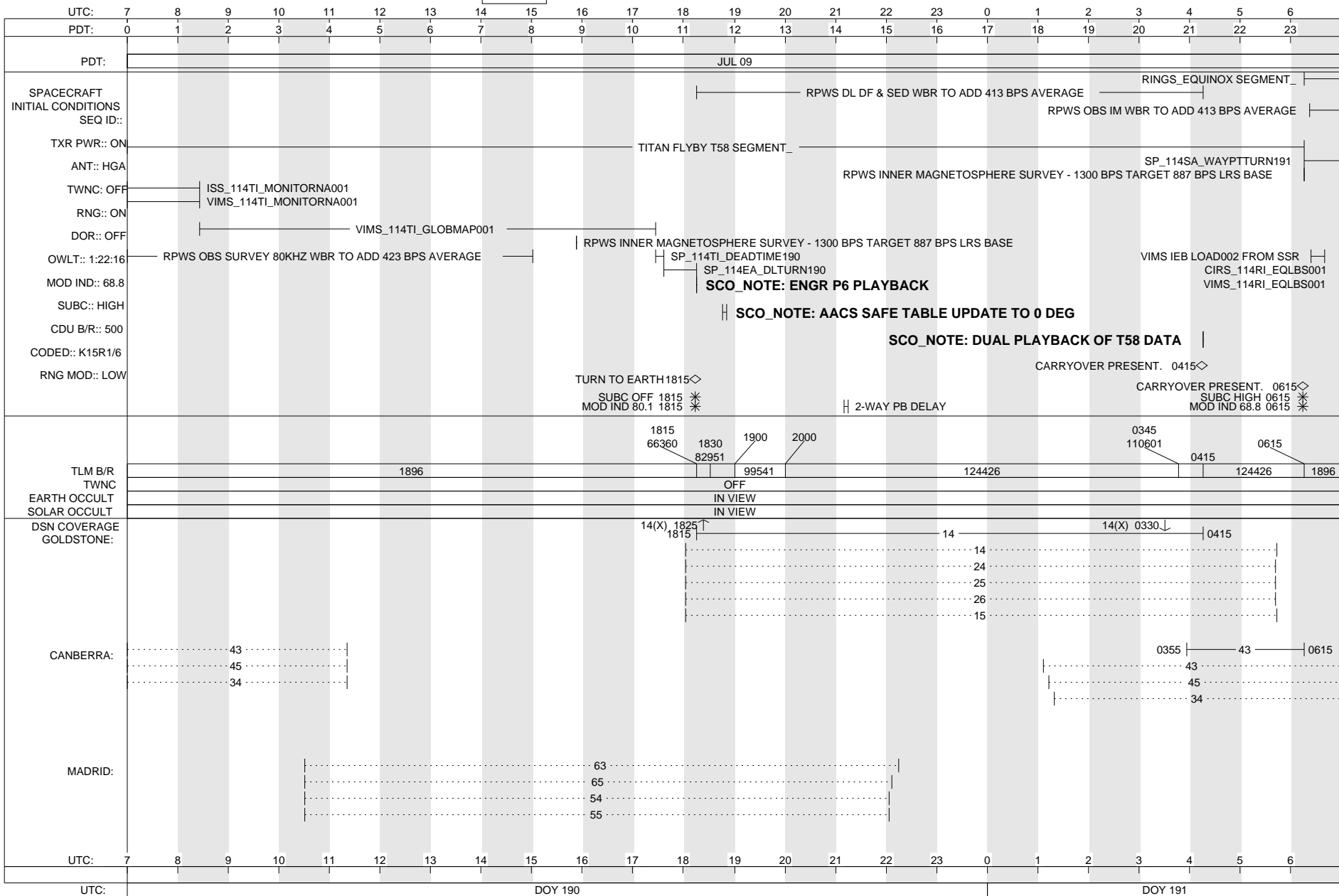
THURSDAY 190-191  
 JULY 9, 2009 - JULY 10, 2009

MISSING  
 IMAGE

CASSINI SFOS

SFOS z0510o.sfos  
 CAS\_09164\_09204\_S51r10.allc

SOE z0510o.soe  
 SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

FRIDAY

191-192

JULY 10, 2009 - JULY 11, 2009

MISSING  
IMAGE

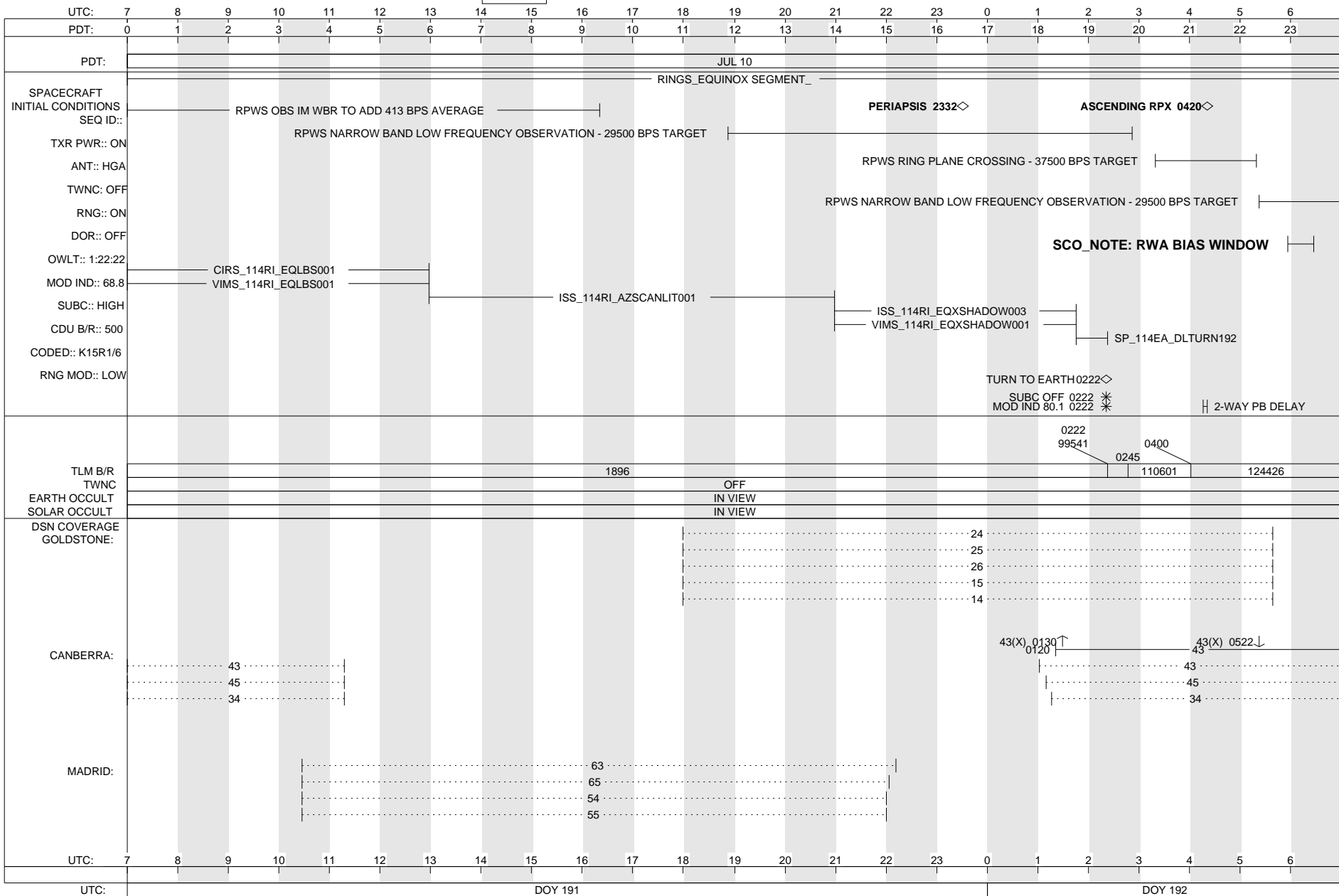
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe

SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

SATURDAY 192-193

JULY 11, 2009 - JULY 12, 2009

MISSING  
IMAGE

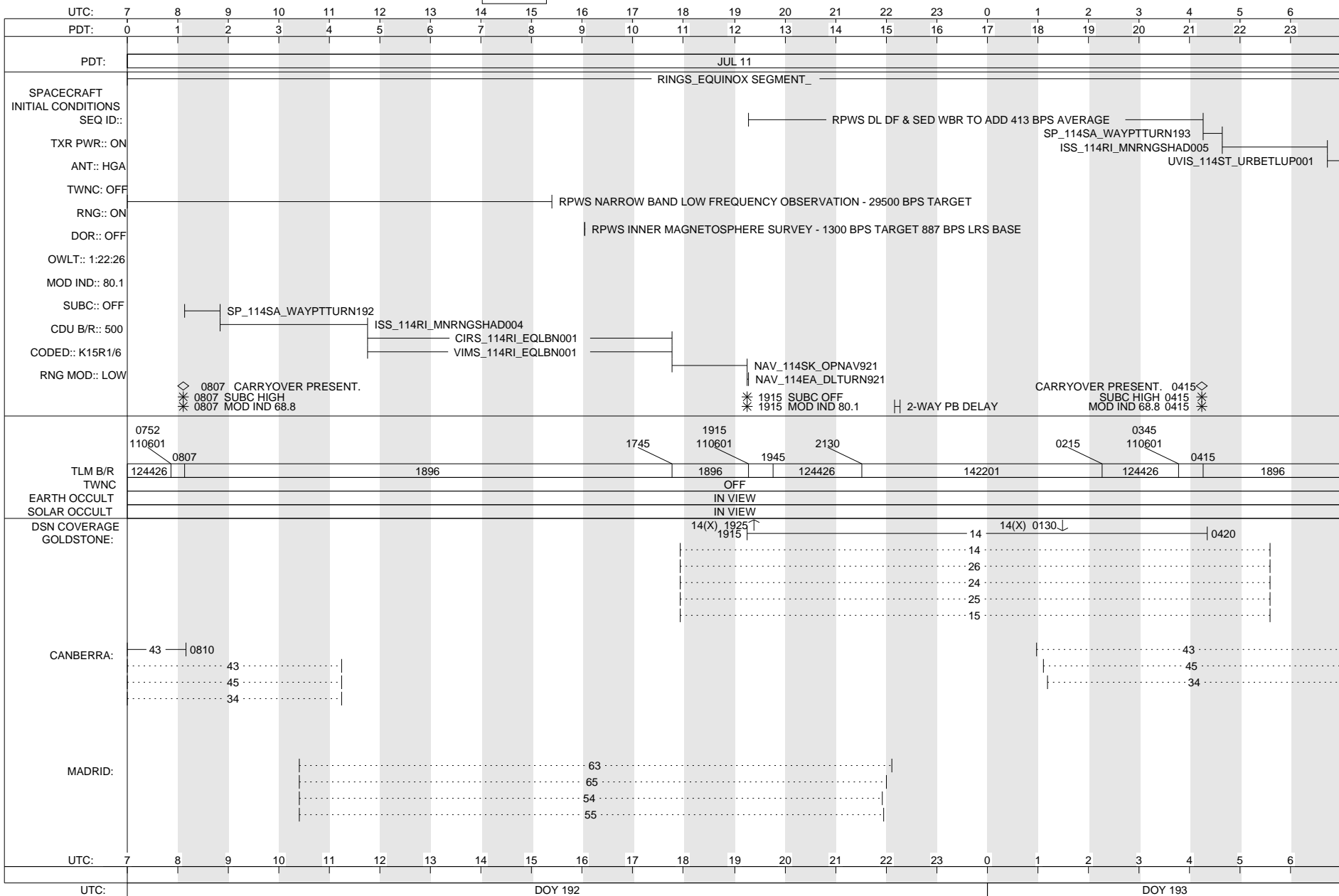
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe

SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09



SUNDAY 193-194

JULY 12, 2009 - JULY 13, 2009

MISSING  
IMAGE

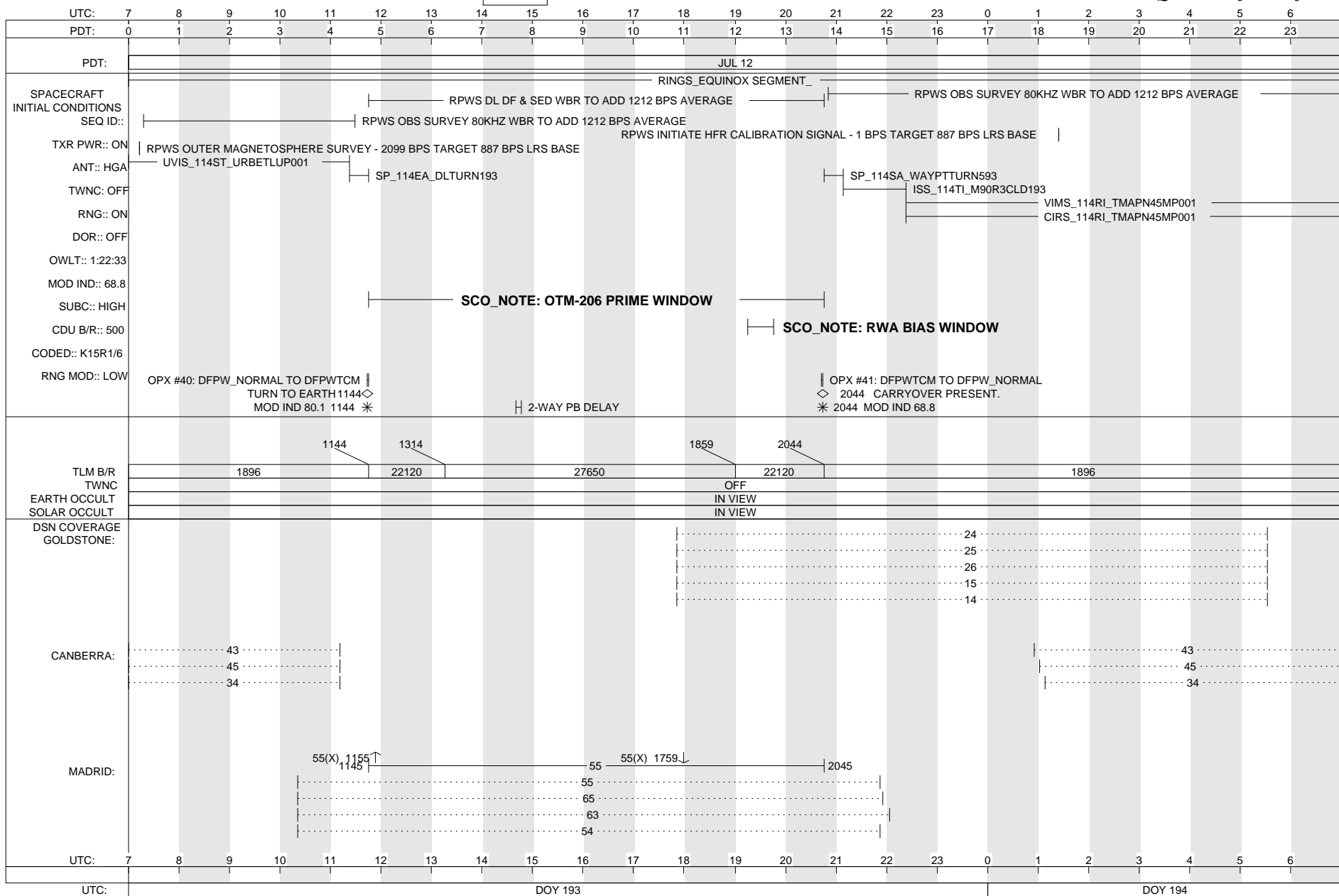
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe

SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

MONDAY 194-195

JULY 13, 2009 - JULY 14, 2009

MISSING  
IMAGE

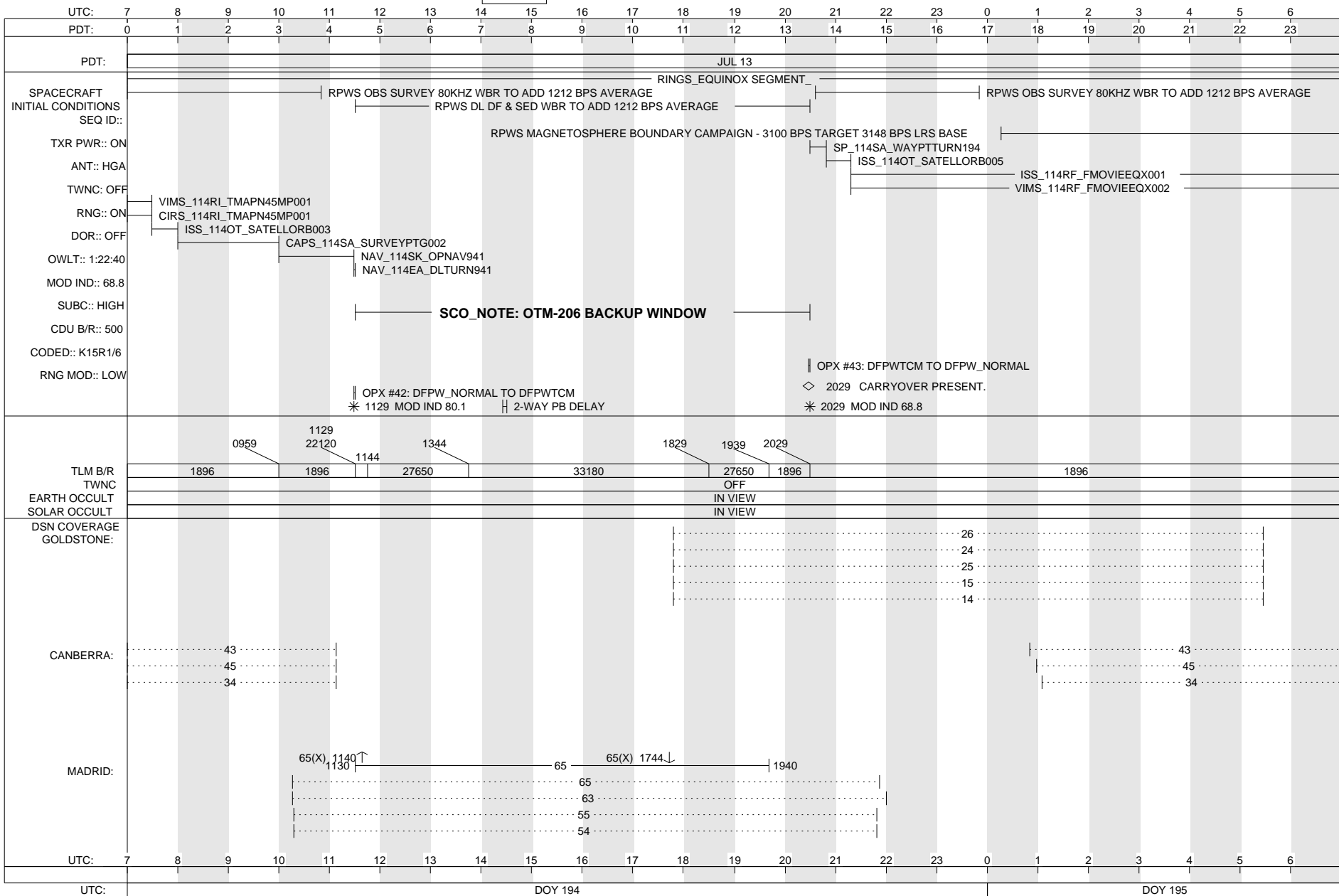
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.allc

SOE z0510o.soe

SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

TUESDAY 195-196

JULY 14, 2009 - JULY 15, 2009

MISSING  
IMAGE

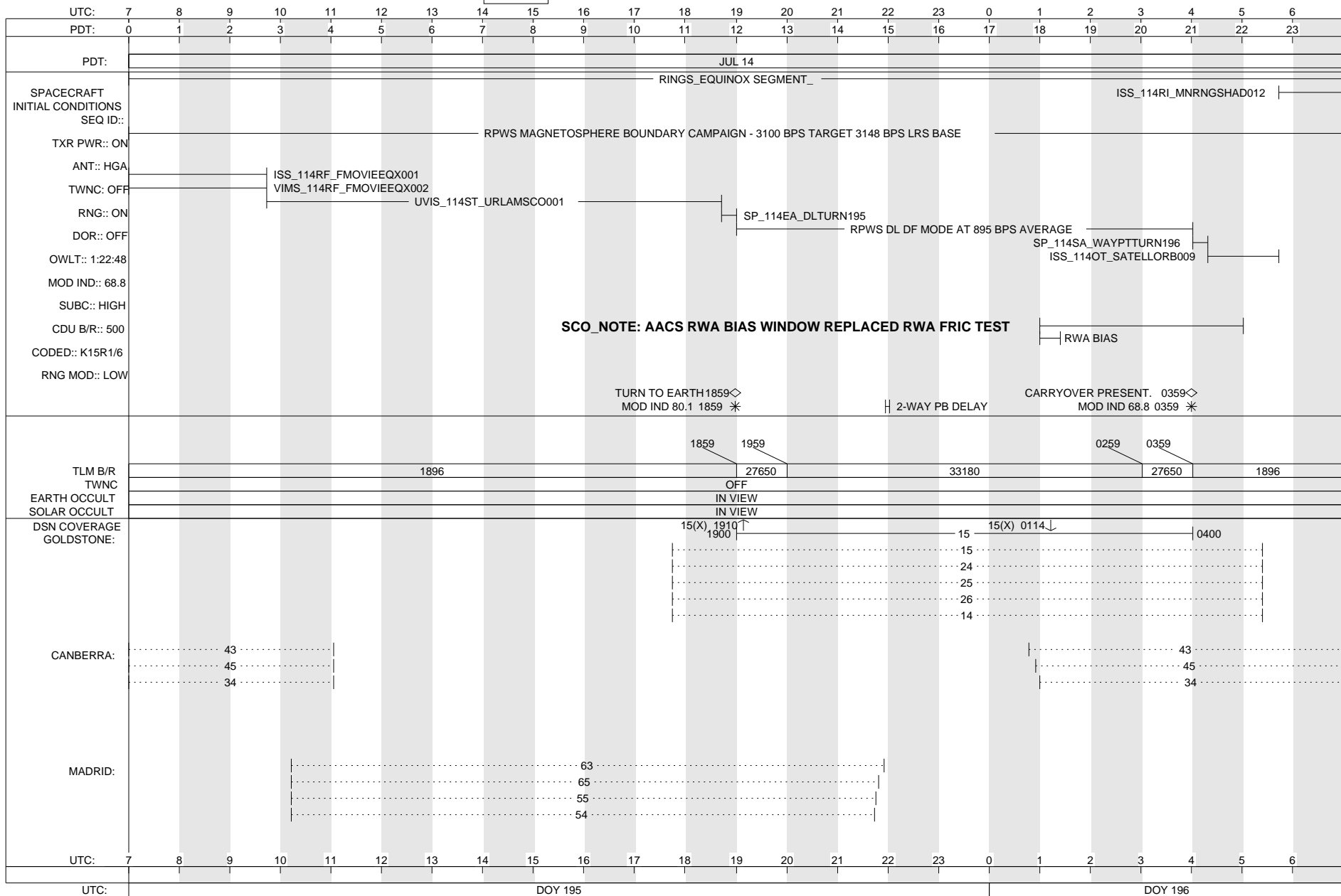
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe

SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

WEDNESDAY 196-197

JULY 15, 2009 - JULY 16, 2009

MISSING  
IMAGE

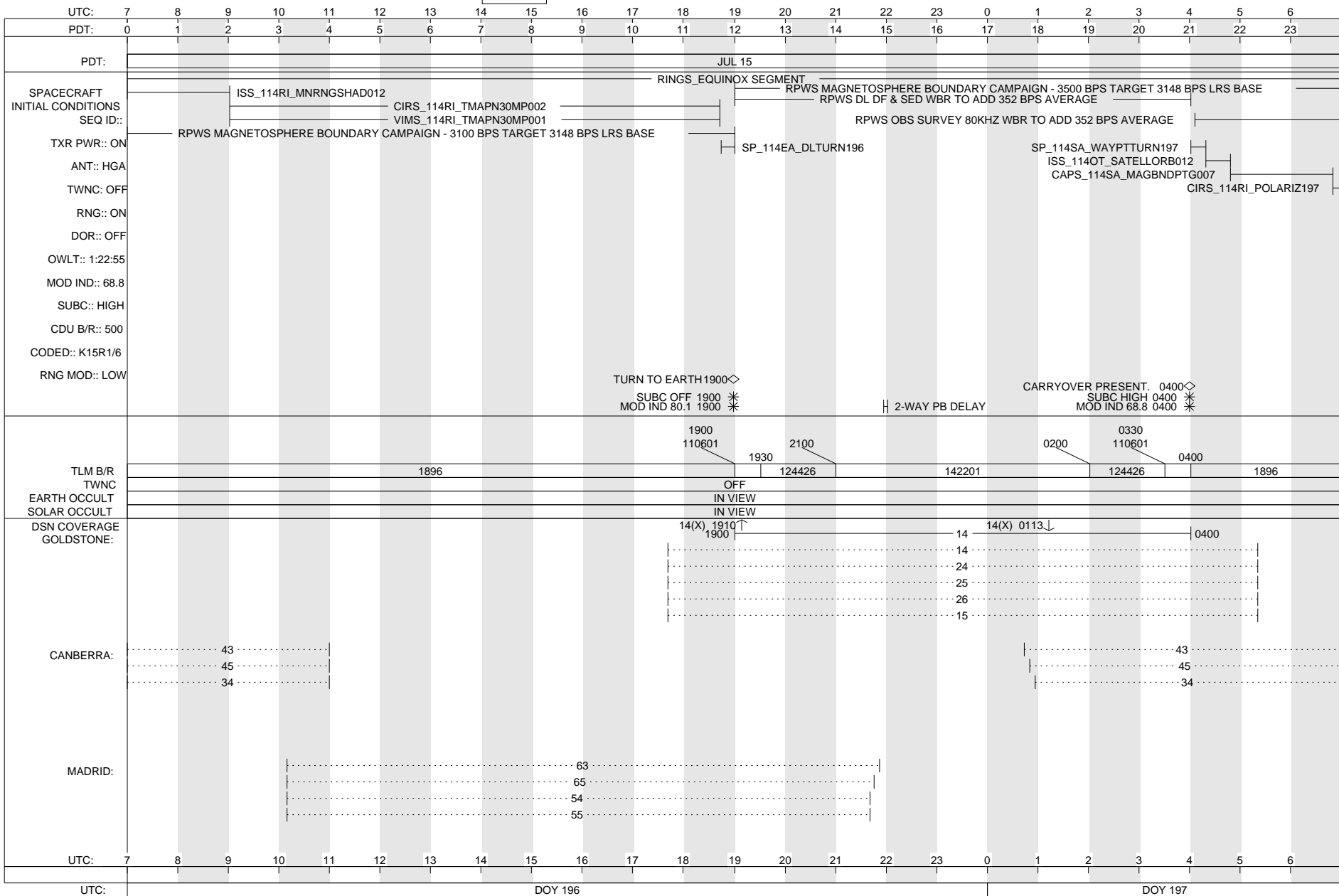
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.allc

SOE z0510o.soe

SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

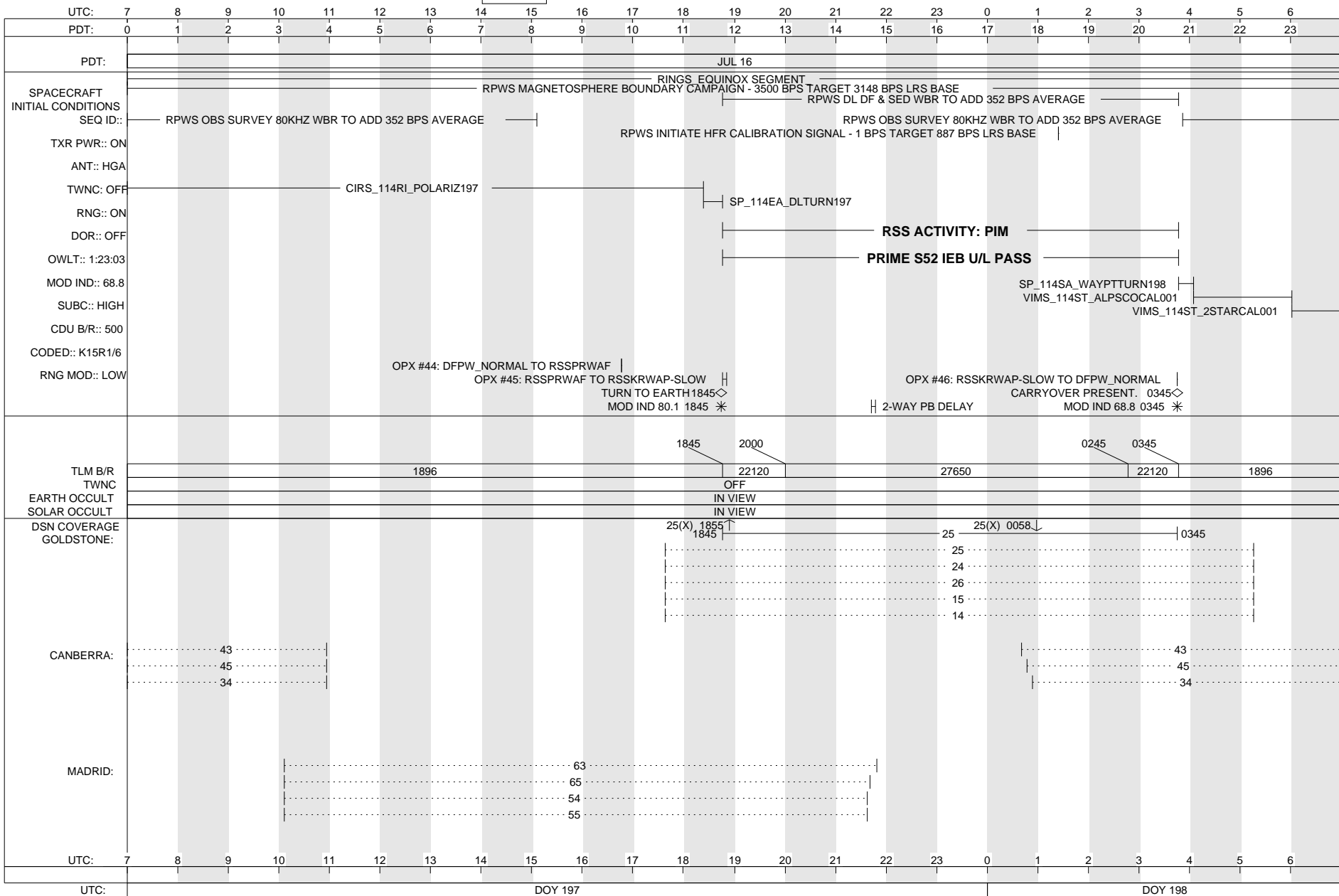
THURSDAY 197-198  
 JULY 16, 2009 - JULY 17, 2009

MISSING  
 IMAGE

CASSINI SFOS

SFOS z0510o.sfos  
 CAS\_09164\_09204\_S51r10.allc

SOE z0510o.soe  
 SEQ z0510h\_full.sasf



FRIDAY

198-199

JULY 17, 2009 - JULY 18, 2009

MISSING  
IMAGE

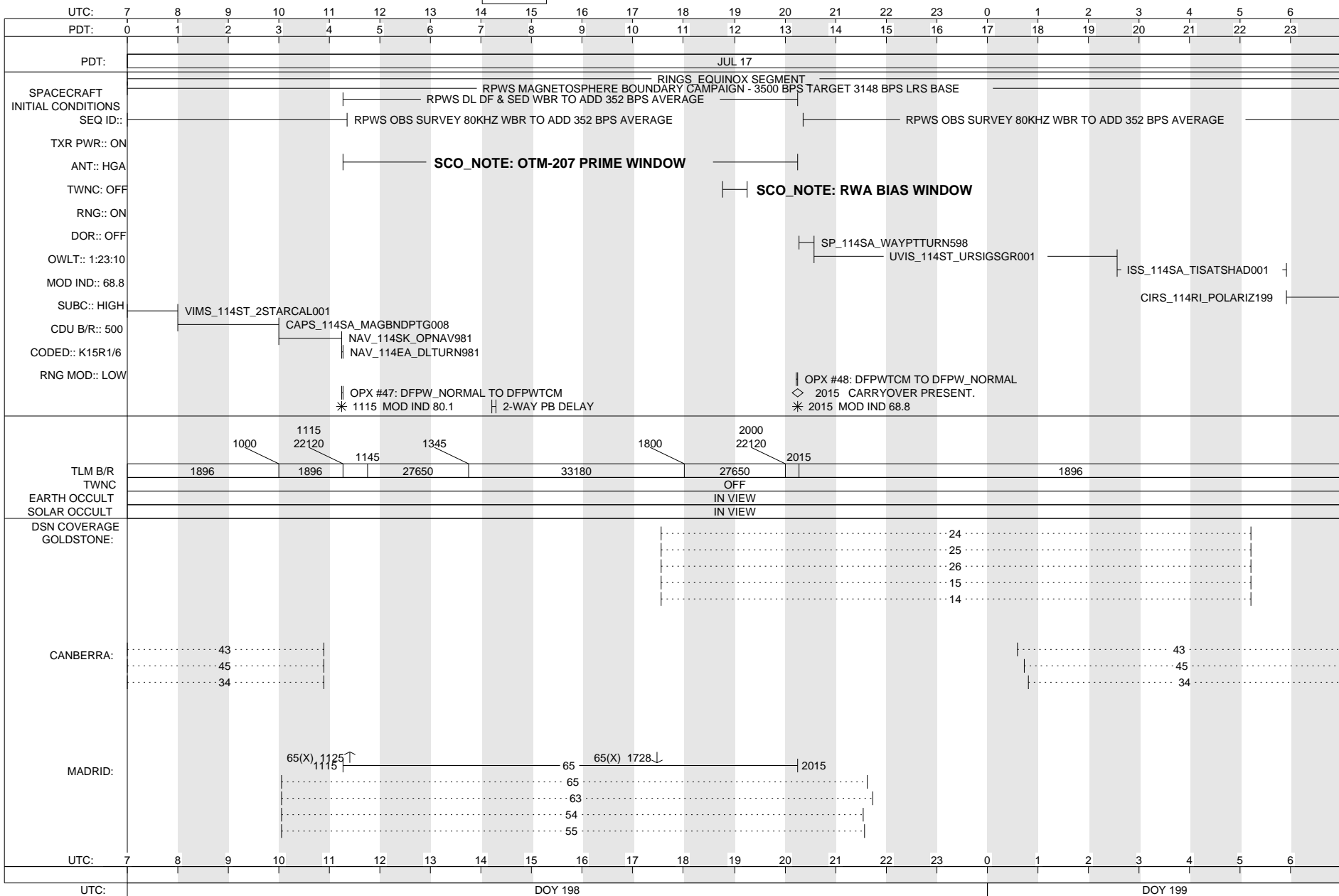
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe

SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

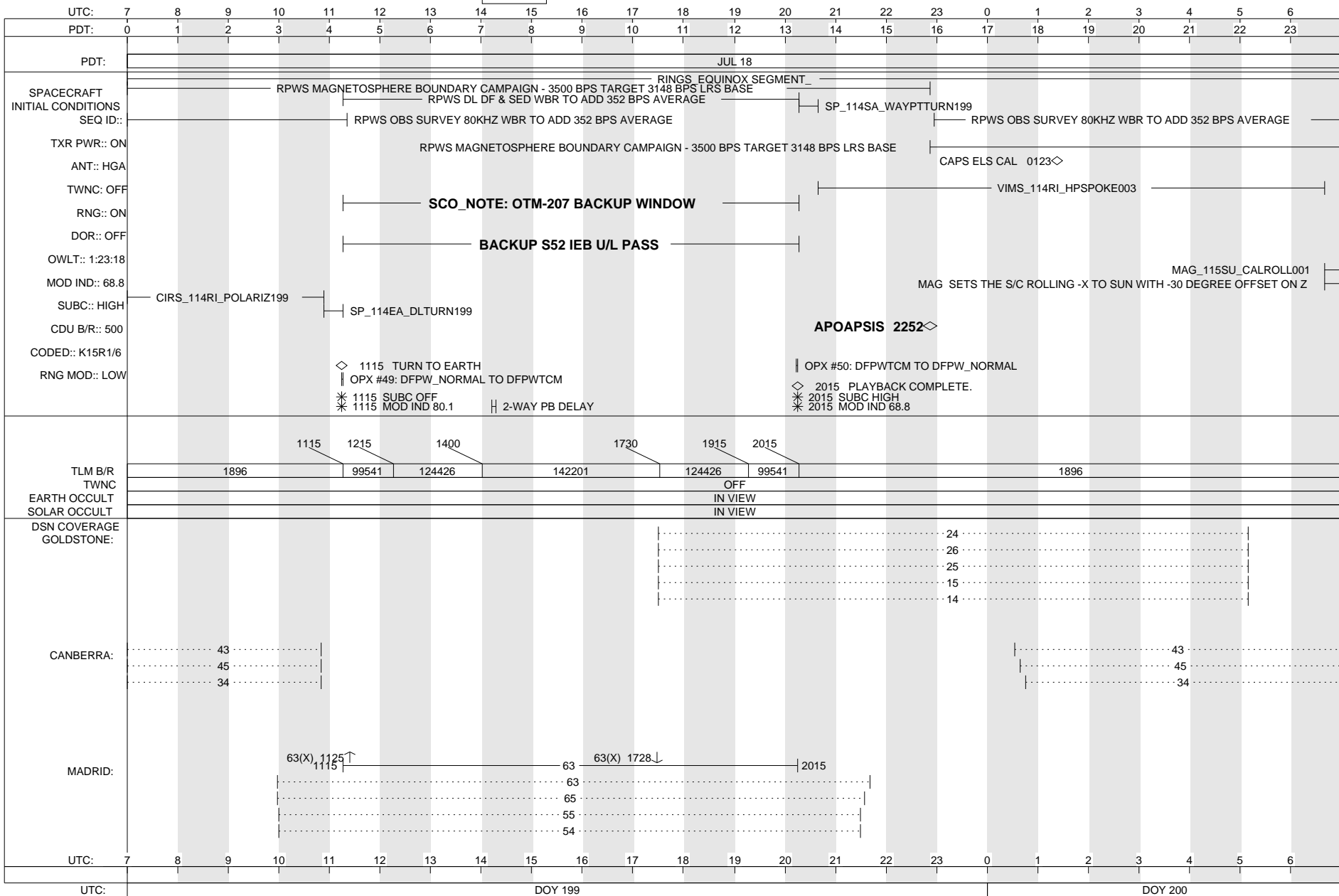
SATURDAY 199-200  
 JULY 18, 2009 - JULY 19, 2009

MISSING  
 IMAGE

CASSINI SFOS

SFOS z0510o.sfos  
 CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe  
 SEQ z0510h\_full.sasf



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SUNDAY 200-201

JULY 19, 2009 - JULY 20, 2009

MISSING  
IMAGE

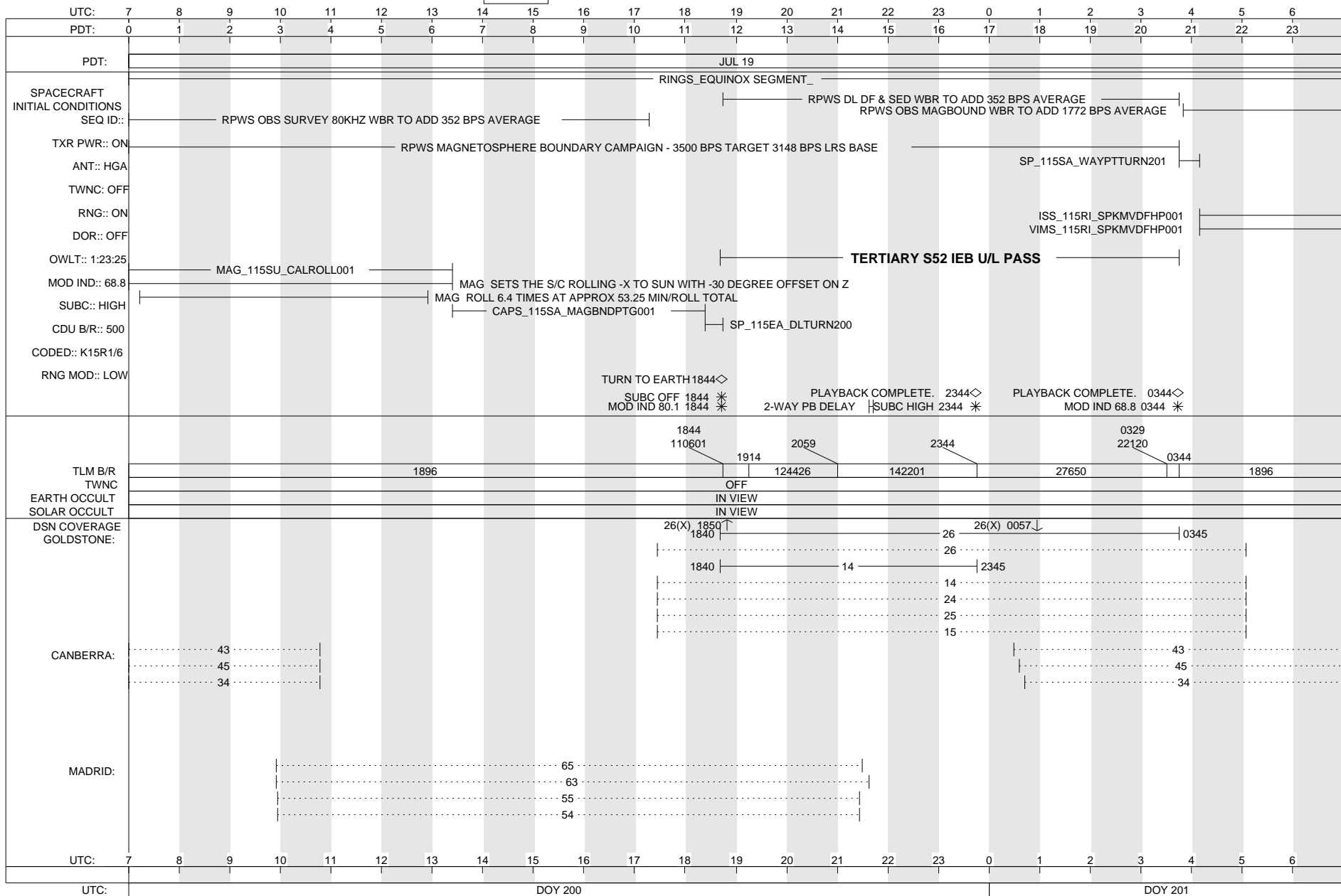
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe

SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09



MONDAY 201-202

JULY 20, 2009 - JULY 21, 2009

MISSING  
IMAGE

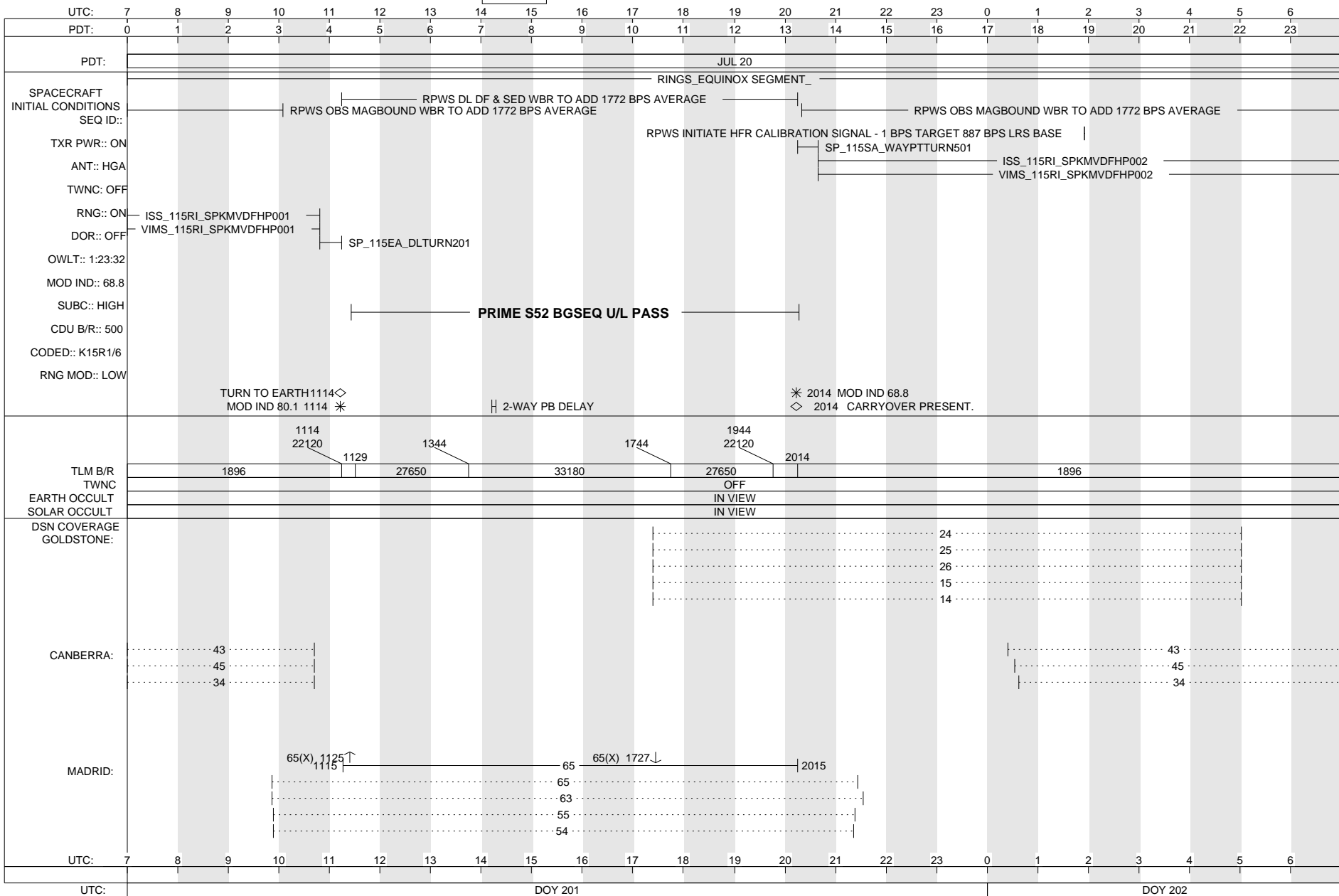
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe

SEQ z0510h\_full.sasf



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TUESDAY 202-203

JULY 21, 2009 - JULY 22, 2009

MISSING  
IMAGE

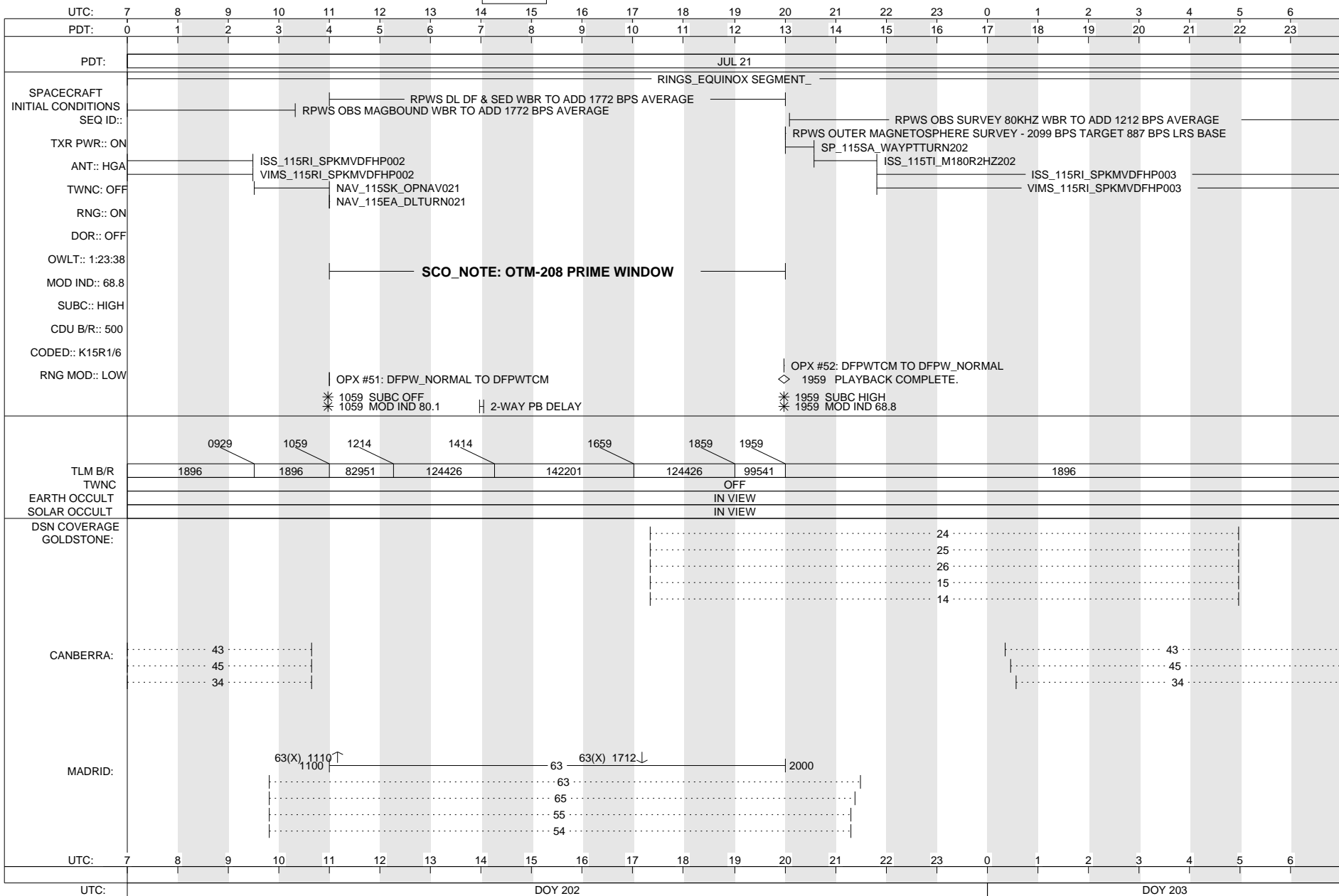
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe

SEQ z0510h\_full.sasf



ISSUE DATE: 07/15/09

WEDNESDAY 203-204

JULY 22, 2009 - JULY 23, 2009

MISSING  
IMAGE

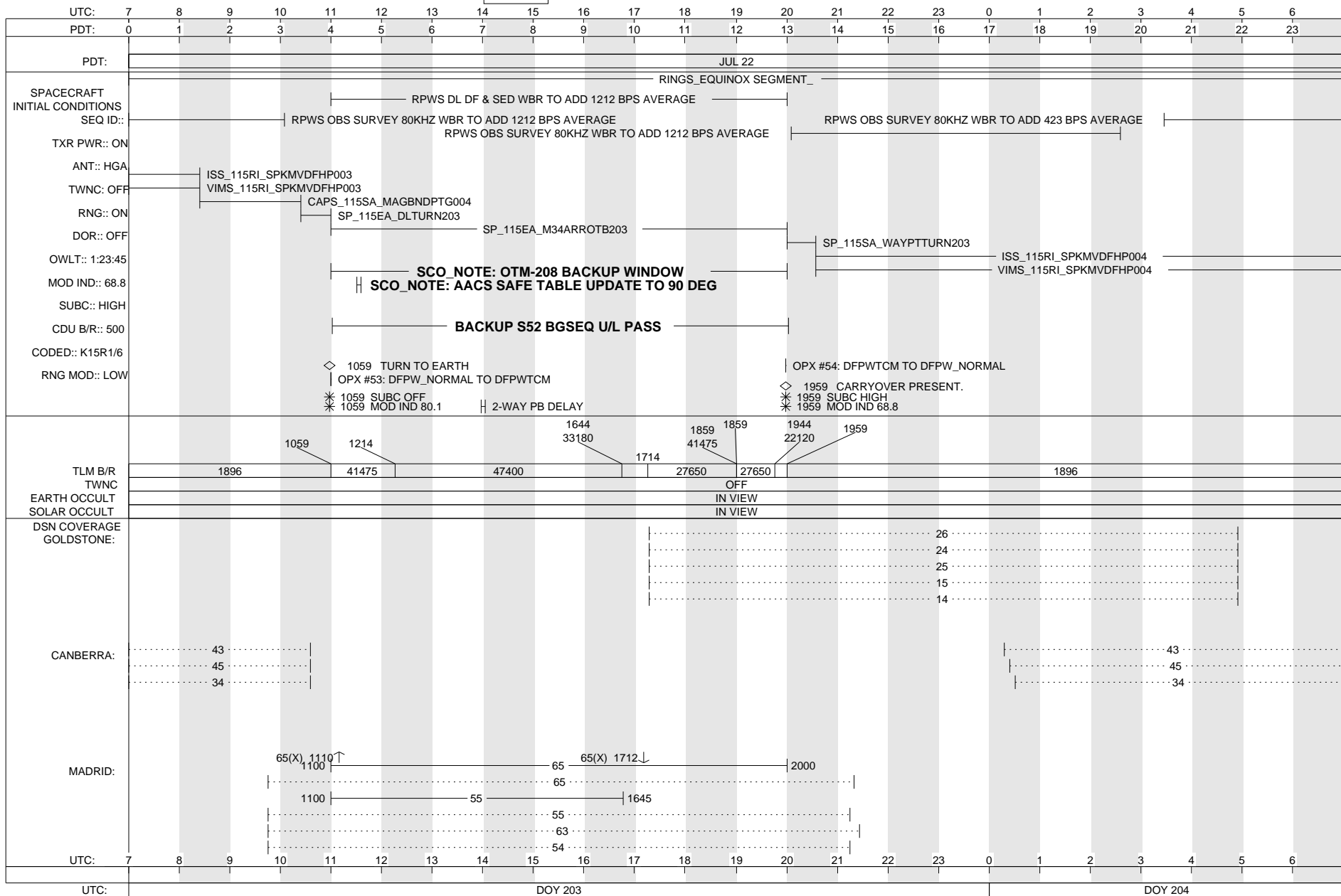
# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe

SEQ z0510h\_full.sasf



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THURSDAY 204-206

JULY 23, 2009 - JULY 25, 2009

MISSING  
IMAGE

# CASSINI SFOS

SFOS z0510o.sfos

CAS\_09164\_09204\_S51r10.atic

SOE z0510o.soe

SEQ z0510h\_full.sasf

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

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

PDT: JUL 23 | JUL 24

SPACECRAFT INITIAL CONDITIONS  
 SEQ ID: | RPWS DL DF & SED WBR TO ADD 423 BPS AVERAGE  
 | RPWS OBS SURVEY 80KHZ WBR TO ADD 423 BPS AVERAGE

TXR PWR: ON 1714 MAG R1 DOWNLINK ROLL CALIBRATION  
 ANT: HGA  
 TWNC: OFF  
 RNG: ON  
 DOR: OFF

ISS\_115RI\_SPKMVDFHP004  
 VIMS\_115RI\_SPKMVDFHP004  
 MOD IND: 68.8 | ISS\_115RE\_HPMELR001 | SP\_115EA\_DLTURN204

SUBC: HIGH  
 CDU B/R: 500  
 CODED: K15R1/6  
 RNG MOD: LOW

◇ 2314 BEGIN S52 SEQ

|| 2-WAY PB DELAY  
 TURN TO EARTH 1714 ◇  
 SUBC OFF 1714 \*  
 MOD IND 80.1 1714 \*

◇ 2114 CARRYOVER PRESENT.  
 \* 2114 SUBC HIGH

◇ 2314 PLAYBACK COMPLETE.

TLM B/R TWNC  
 EARTH OCCULT  
 SOLAR OCCULT

1896 | 1714 | 1859 99541 | 124426 | 1959 82951 | 2029 66360 | 2059 47400 | 2114 | 27650

OFF  
 IN VIEW  
 IN VIEW

DSN COVERAGE GOLDSTONE:

2045 | 25(X) 25 | 2310 | 2315

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CANBERRA: ..... 43 ..... | ..... 43 .....  
 ..... 45 ..... | ..... 45 .....  
 ..... 34 ..... | ..... 34 .....

MADRID: 63(X) 1510 ↑ | 1500 | 63 | 25/63 2055 ↓ | 2115

..... 63 ..... | ..... 63 .....  
 ..... 65 ..... | ..... 65 .....  
 ..... 55 ..... | ..... 54 .....  
 ..... 54 ..... | ..... 55 .....

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

UTC: DOY 204 | DOY 205 | DOY 206

▽ 2027 LATEST U/L TIME FOR RTLT CONFIRMATION

ISSUE DATE: 07/15/09