

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: May 26, 2010

For the Period: 05/27/2010 to 06/14/2010 (10-147 – 10-165)

**DSN OPSCHIEF (1) 230-102**

**SCIENCE**

**FLIGHT TEAM (15) 600-100**

**DSOT (1) 230-102**

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- Howard, S. (3)
- Ludwig, R. (2)
- Massey, Ed
- Matsumoto, S.
- Medina, E.
- Peralta, F.
- Poynter, R.
- Weeks, T.
- Wong, R.
- Yang, L
- Zottarelli, L.

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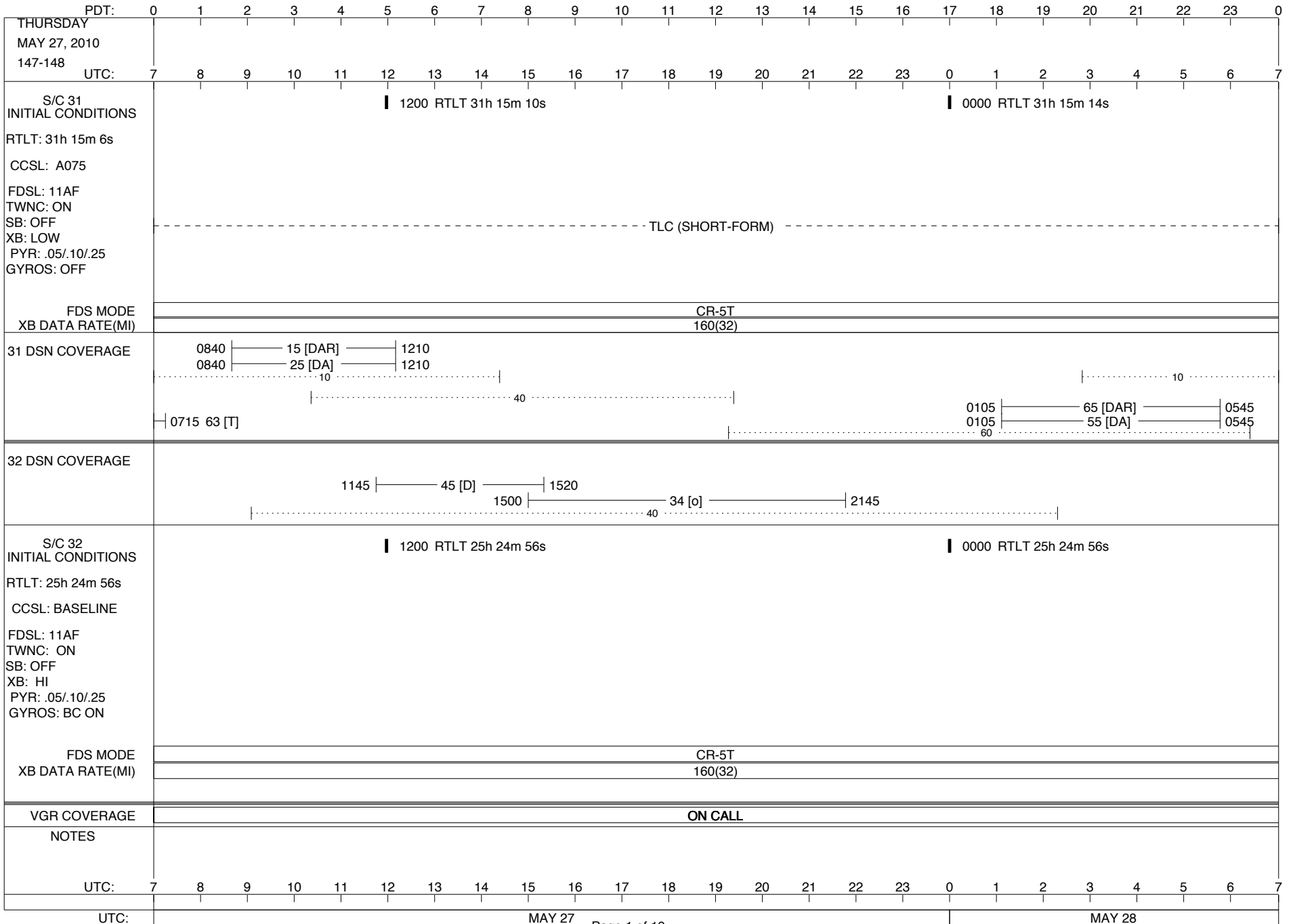
**OTHER**

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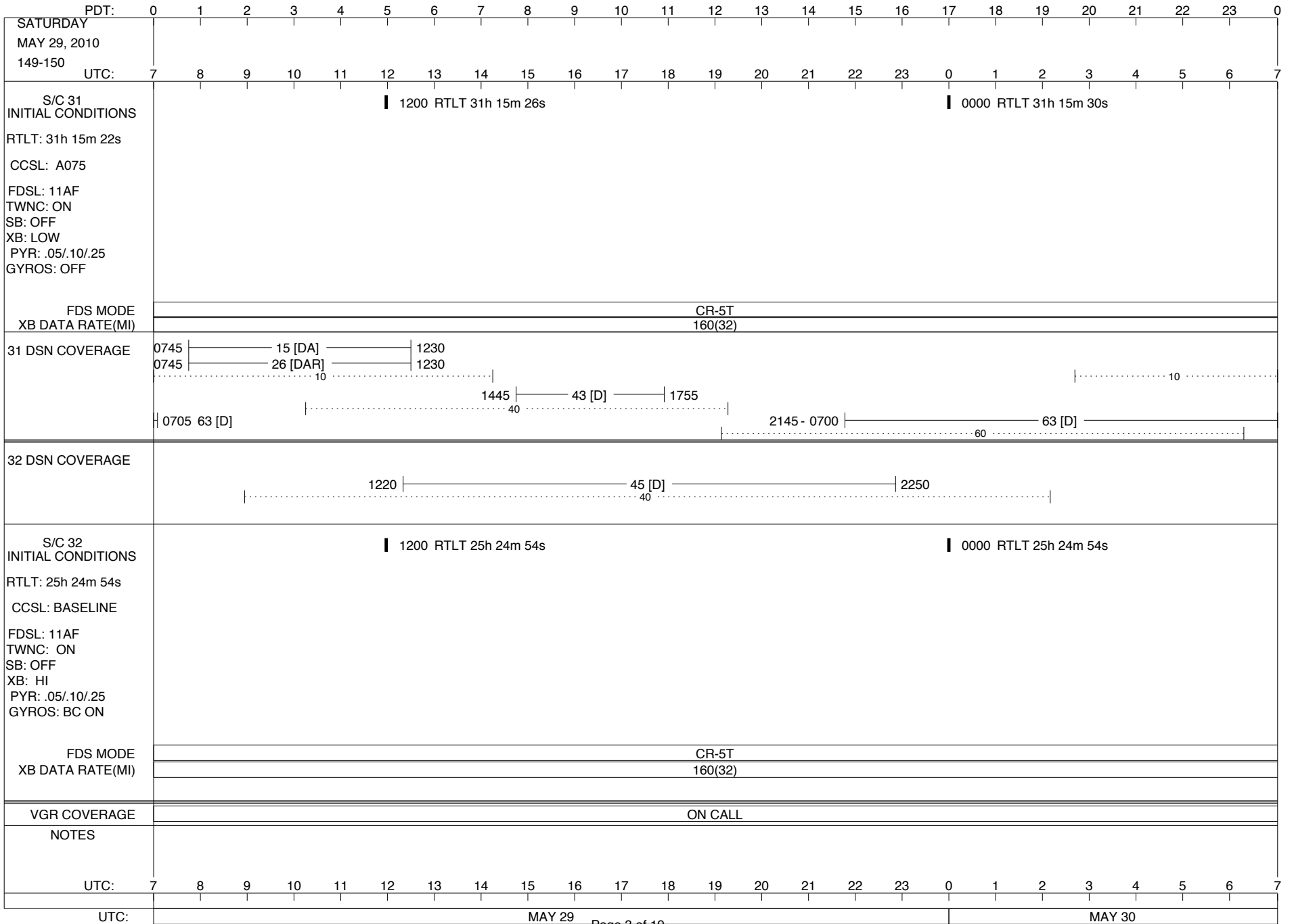
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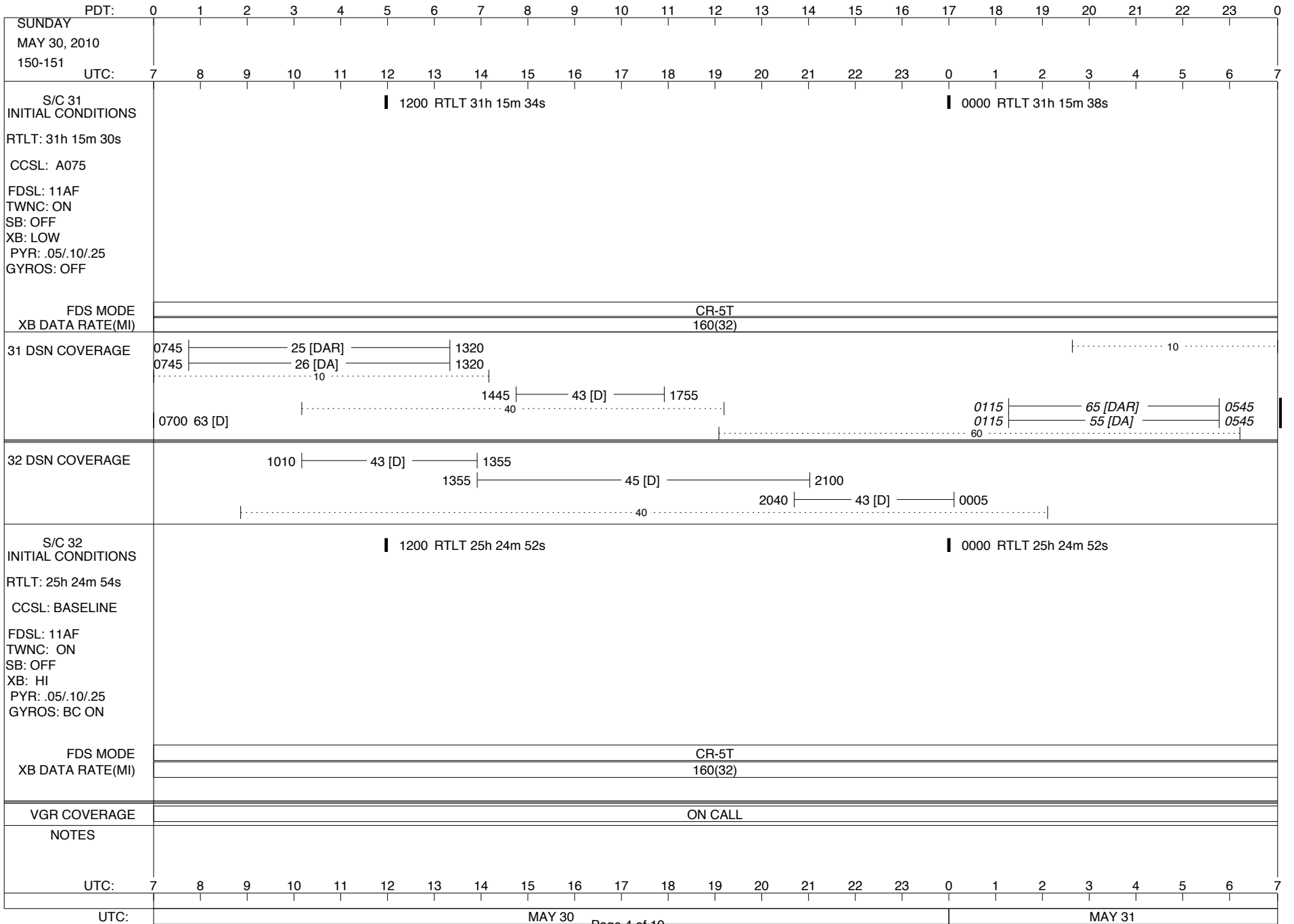
- ∇ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- \* = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = 7-Point BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U = Uplink only pass
- [o] = Ramp-through

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04/02/09



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	
FRIDAY MAY 28, 2010 148-149																										
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	
S/C 31 INITIAL CONDITIONS	1200 RTLT 31h 15m 18s												0000 RTLT 31h 15m 22s													
RTLT: 31h 15m 14s	↓ 1036 AAC SIN MEMUPD'S ECR 109261																									
CCSL: A075	↓ 1041 PWRCHK MEMUPD'S ECR 109323																									
FDSL: 11AF	* 1110   1122 TLMPRG												1741   - TAPPOS -   1932													
TWNC: ON													2044   2045 PWS/RH													
SB: OFF	----- TLC (SHORT-FORM) -----   D/L -   1413												2251   - TAPPOS - -   0055													
XB: LOW																										
PYR: .05/10/25	1301   1309 SID MRO'S																									
GYROS: OFF	* * 1401   1409 SID MRO'S																									
	1051 EL-40 ↓ ↓ 1131 CR-5T												↓ 2044 GS-4B 2045													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	0800  ----- 25 [DAR] -----  1415																									
	0800  ----- 26 [DA] -----  1415																									
	----- 10 -----												----- 10 -----													
	----- 40 -----												0155  ----- 63 [D] -----													
													60  ----- 60 -----													
32 DSN COVERAGE	1400  ----- 45 [D] -----  2130																									
	----- 40 -----												2235  ----- 43 [D] -----  0120													
													----- 40 -----													
S/C 32 INITIAL CONDITIONS	1200 RTLT 25h 24m 54s												0000 RTLT 25h 24m 54s													
RTLT: 25h 24m 56s																										
CCSL: BASELINE																										
FDSL: 11AF																										
TWNC: ON																										
SB: OFF																										
XB: HI																										
PYR: .05/10/25																										
GYROS: BC ON																										
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
VGR COVERAGE	ON CALL								VGR								ON CALL									
NOTES	[1] S/C 31=EL40 @ 1051 XB=40(30) [2] S/C 31=CR-5T @ 1131 XB=160(32) [3] S/C 31=GS-4B @ 2044 XB=2.8K(41) NOT RECOVERABLE																									
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	
UTC:	MAY 28														MAY 29											



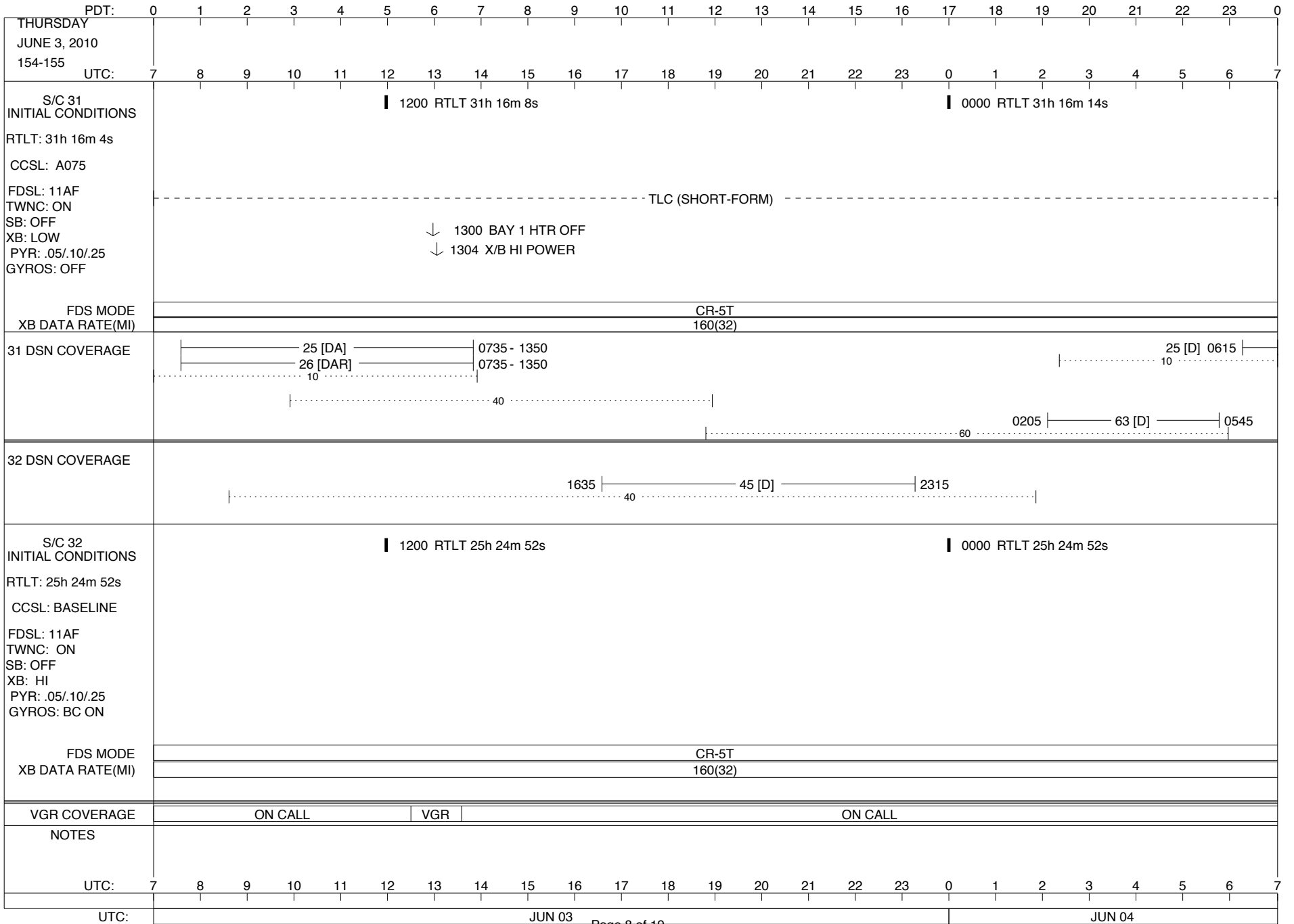


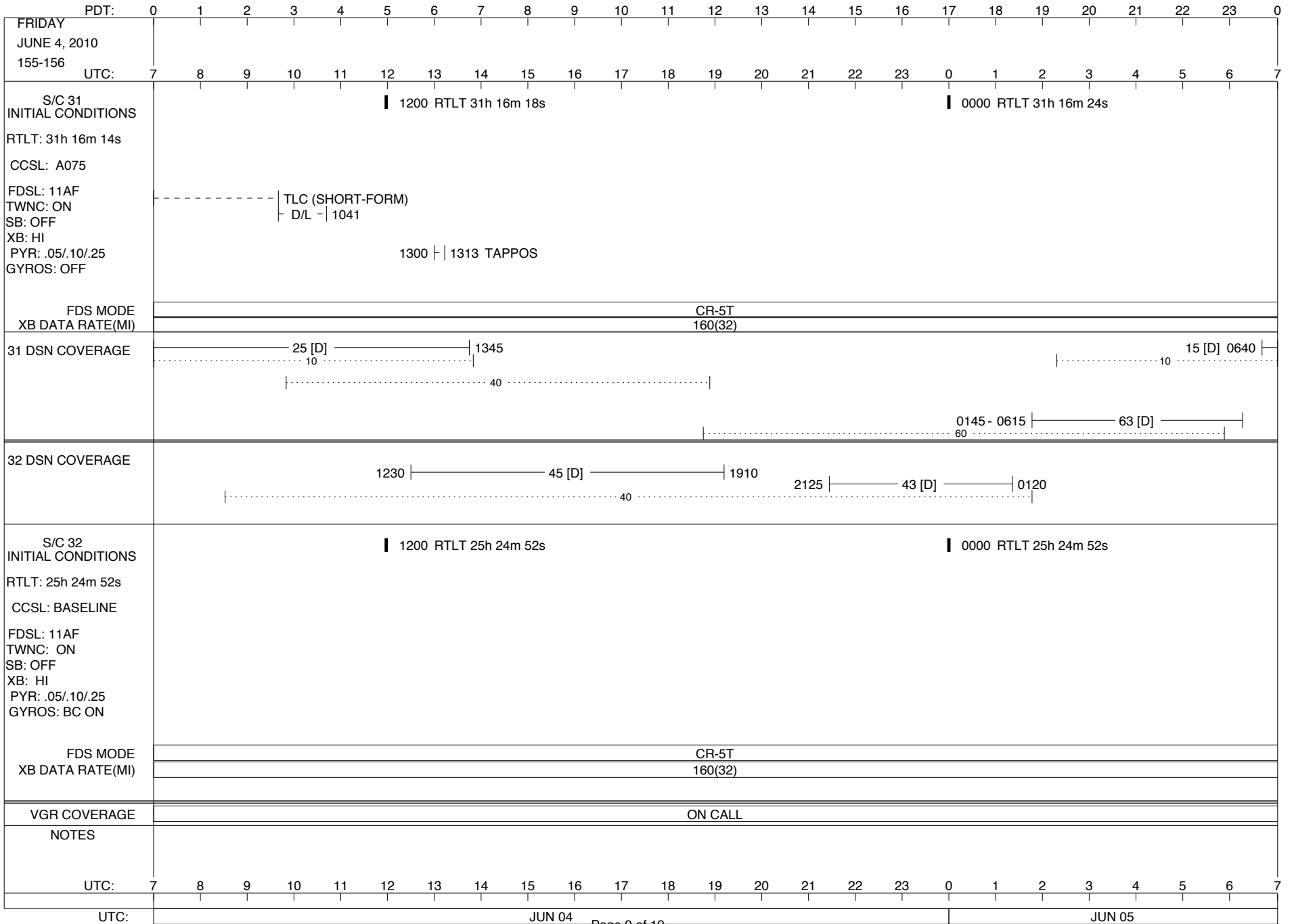
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MONDAY MAY 31, 2010 151-152	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 31h 15m 38s CCSL: A075 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 31h 15m 42s												0000 RTLT 31h 15m 46s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	.....  10 .....												.....  10 .....												
	1235  -----  43 [D]  -----  1755												0000  -----  63 [D]  -----  0355												
	-----  40 .....												-----  60 .....												
32 DSN COVERAGE	1230  -----  45 [D]  -----  2145																								
	-----  40 .....																								
S/C 32 INITIAL CONDITIONS RTLT: 25h 24m 52s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLT 25h 24m 52s												0000 RTLT 25h 24m 52s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE													ON CALL												
NOTES	<b>JPL HOLIDAY!</b>																								
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
UTC:	MAY 31												JUN 01												

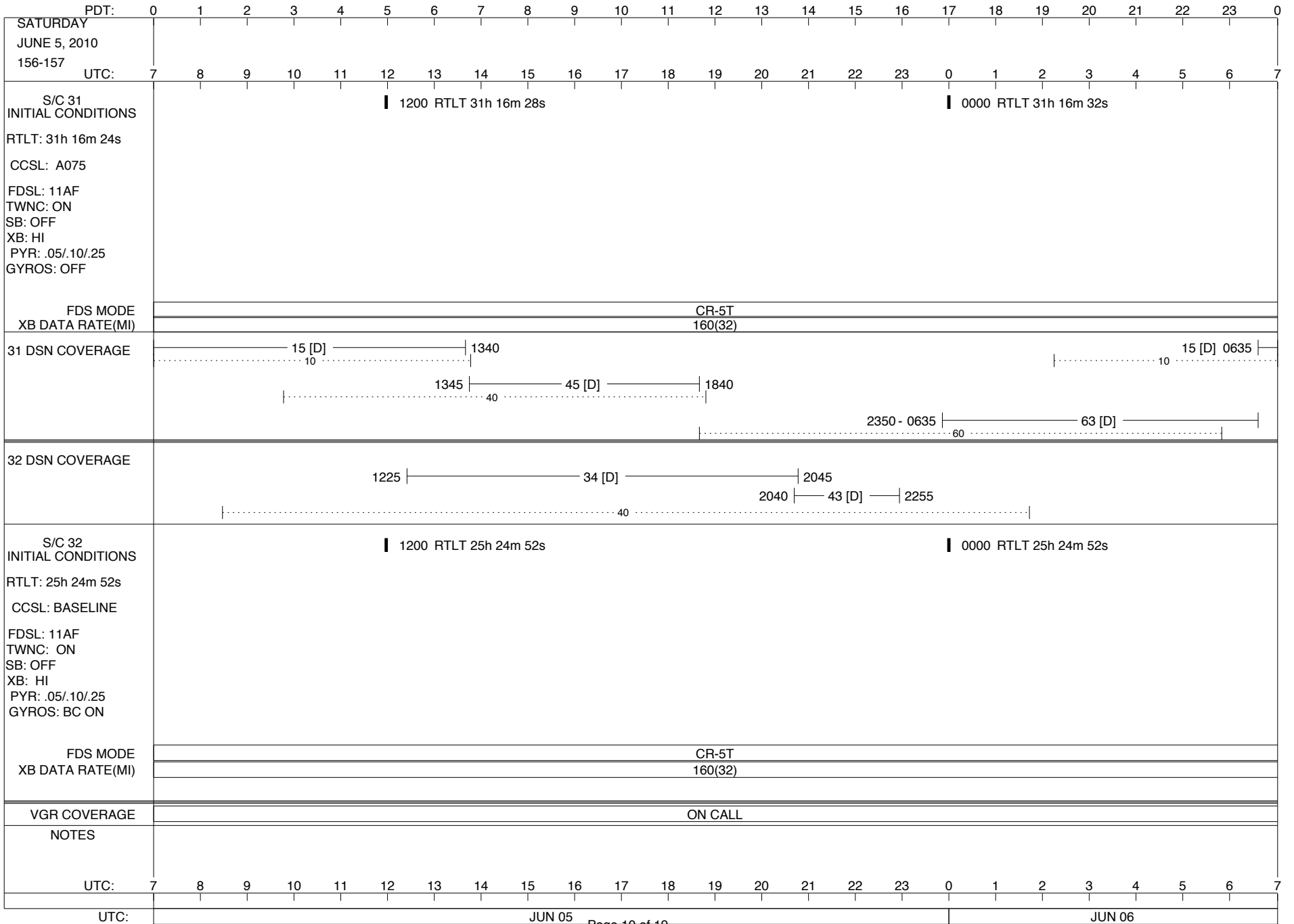
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TUESDAY JUNE 1, 2010 152-153																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 31h 15m 46s CCSL: A075 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 31h 15m 50s												0000 RTLTL 31h 15m 56s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	0800  ----- 15 [DAR] -----  1220 0800  ----- 24 [DA] -----  1220  ----- 10 -----   ----- 40 -----												----- 10 -----  0010  ----- 55 [DAR] -----  0305 0010  ----- 65 [DA] -----  0305  ----- 60 -----  0245  ----- 63 [D] -----  0545												
32 DSN COVERAGE	----- 1240 ----- ----- 45 [D] -----  1955  ----- 40 -----												2220  ----- 43 [H] -----  0210												
S/C 32 INITIAL CONDITIONS RTLTL: 25h 24m 52s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 25h 24m 52s												0000 RTLTL 25h 24m 52s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL												VGR ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1420 XB=2.8K(41) NOT RECOVERABLE																								
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
UTC:	JUN 01												JUN 02												

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
WEDNESDAY JUNE 2, 2010 153-154	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
S/C 31 INITIAL CONDITIONS RTLT: 31h 15m 56s CCSL: A075 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 31h 16m 0s												0000 RTLT 31h 16m 4s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	0800	25 [DAR]										1355													
	0800	26 [DA]										1355													
	10										10														
	40																								
													0100										63 [T]		0545
													60												
32 DSN COVERAGE													2020										43 [D]		0225
	40																								
S/C 32 INITIAL CONDITIONS RTLT: 25h 24m 52s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 25h 24m 52s												0000 RTLT 25h 24m 52s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL												VGR		ON CALL										
NOTES																									
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
UTC:	JUN 02												JUN 03												



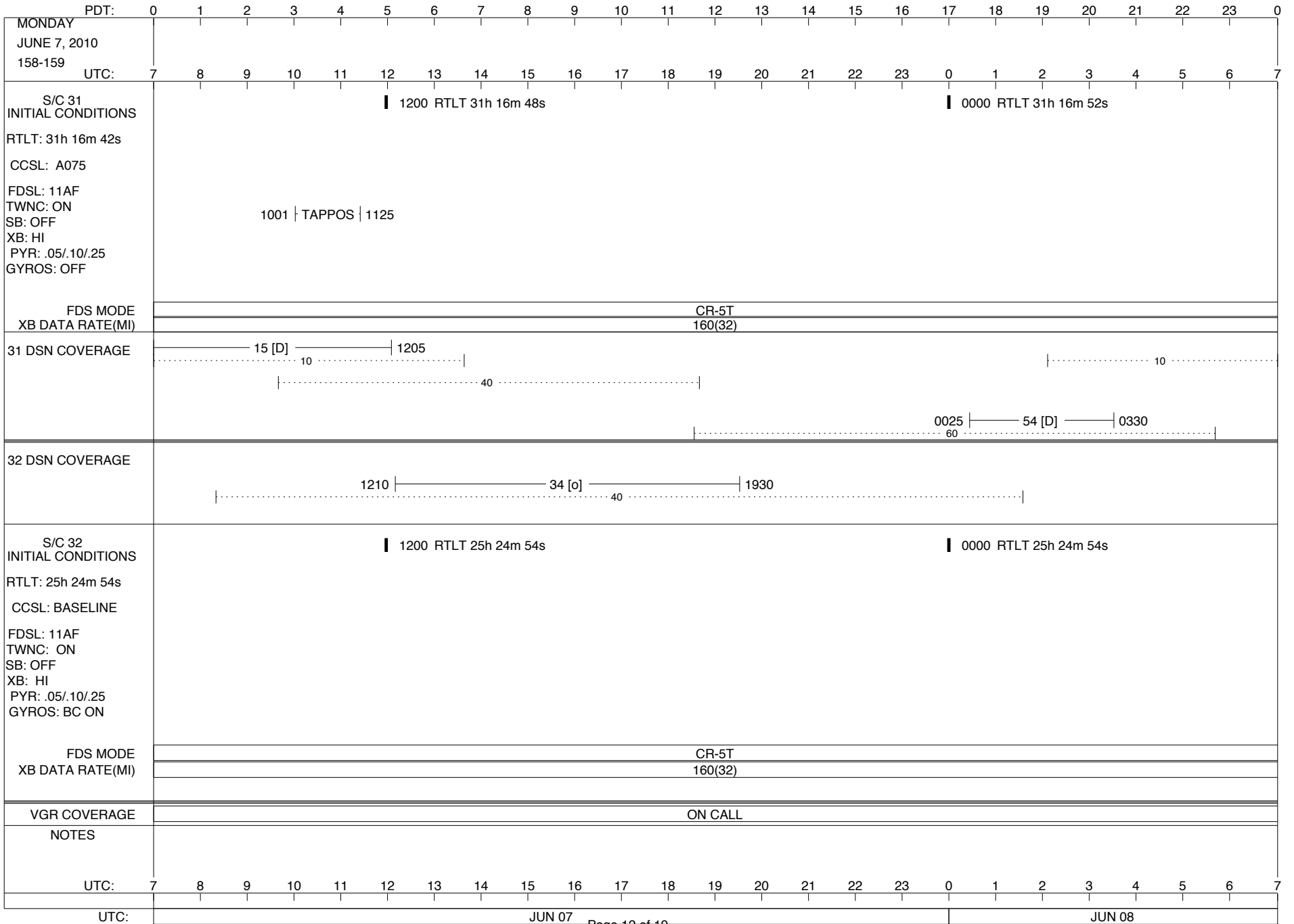




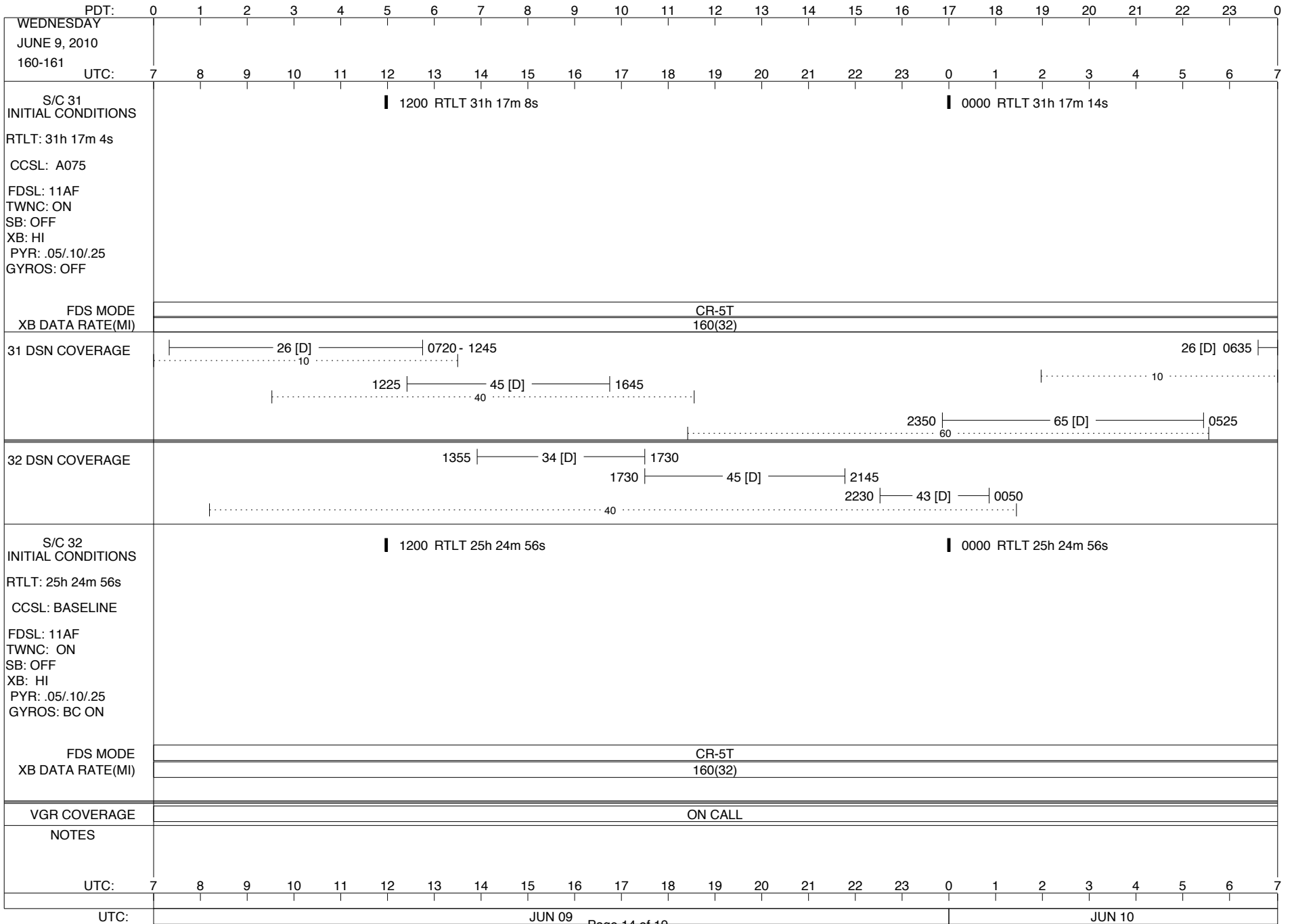


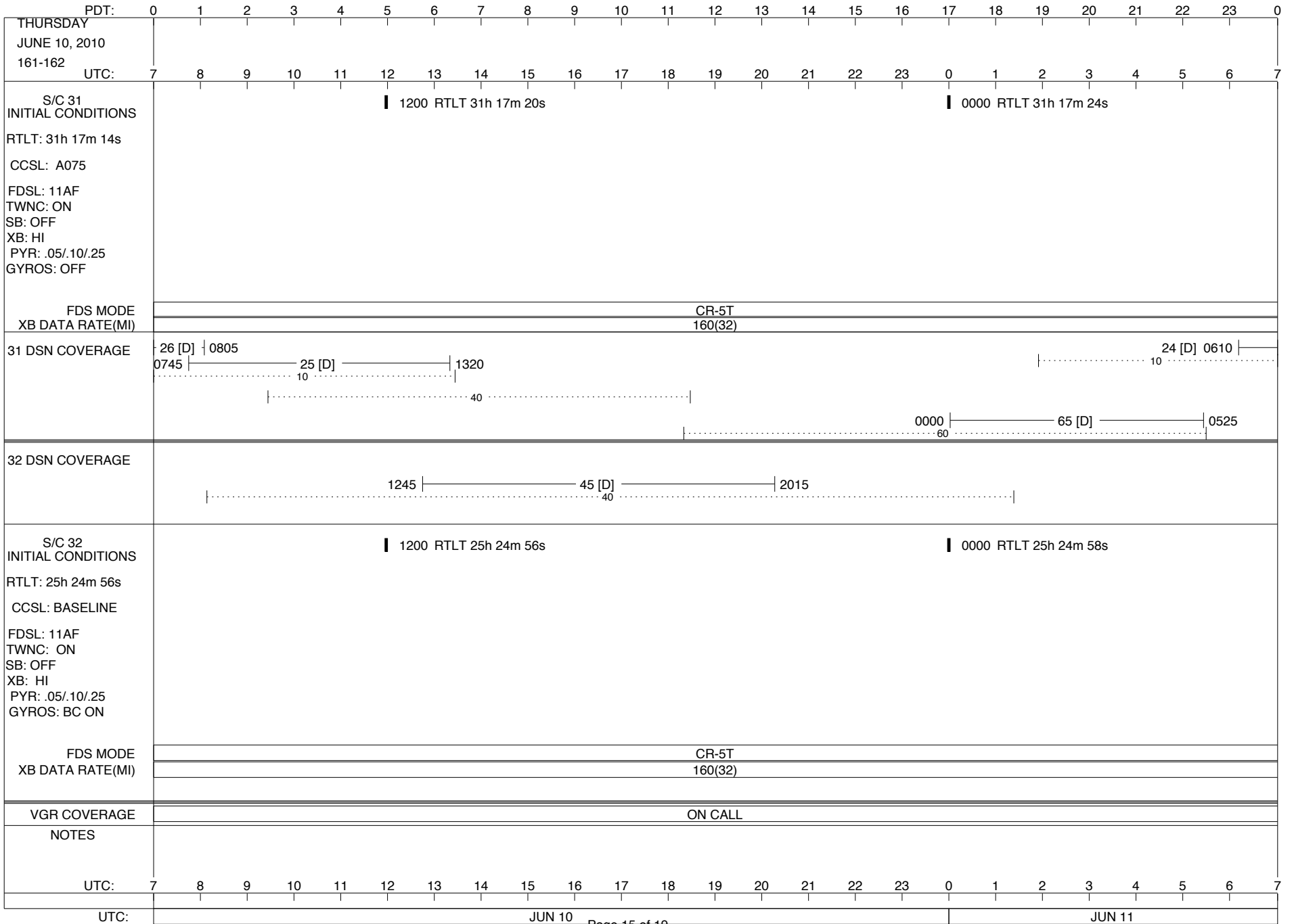
ISSUE DATE: 06/01/10 17:12

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SUNDAY JUNE 6, 2010 157-158																									
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
S/C 31 INITIAL CONDITIONS RTLTL: 31h 16m 32s CCSL: A075 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 31h 16m 38s												0000 RTLTL 31h 16m 42s												
FDS MODE	CR-5T												PB-14			CR-5T									
XB DATA RATE(MI)	160(32)												1.4K(39)			160(32)									
31 DSN COVERAGE	15 [D]   0950  -----  10												15 [D] 0625    -----  10												
	0930  -----  43 [D]   1730  -----  40												2145 - 0630  -----  63 [DA] 2210  -----  65 [DAR]   0245 2210  -----  55 [DA]   0245 60												
32 DSN COVERAGE	1225  -----  45 [D]   1700  -----  40												2015  -----  43 [D]   0225  -----												
S/C 32 INITIAL CONDITIONS RTLTL: 25h 24m 52s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 25h 24m 52s												0000 RTLTL 25h 24m 54s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL												VGR			ON CALL									
NOTES	[1] S/C 31=PB-14 @ 2241 XB=1.4K(39)																								
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
UTC:	JUN 06															JUN 07									



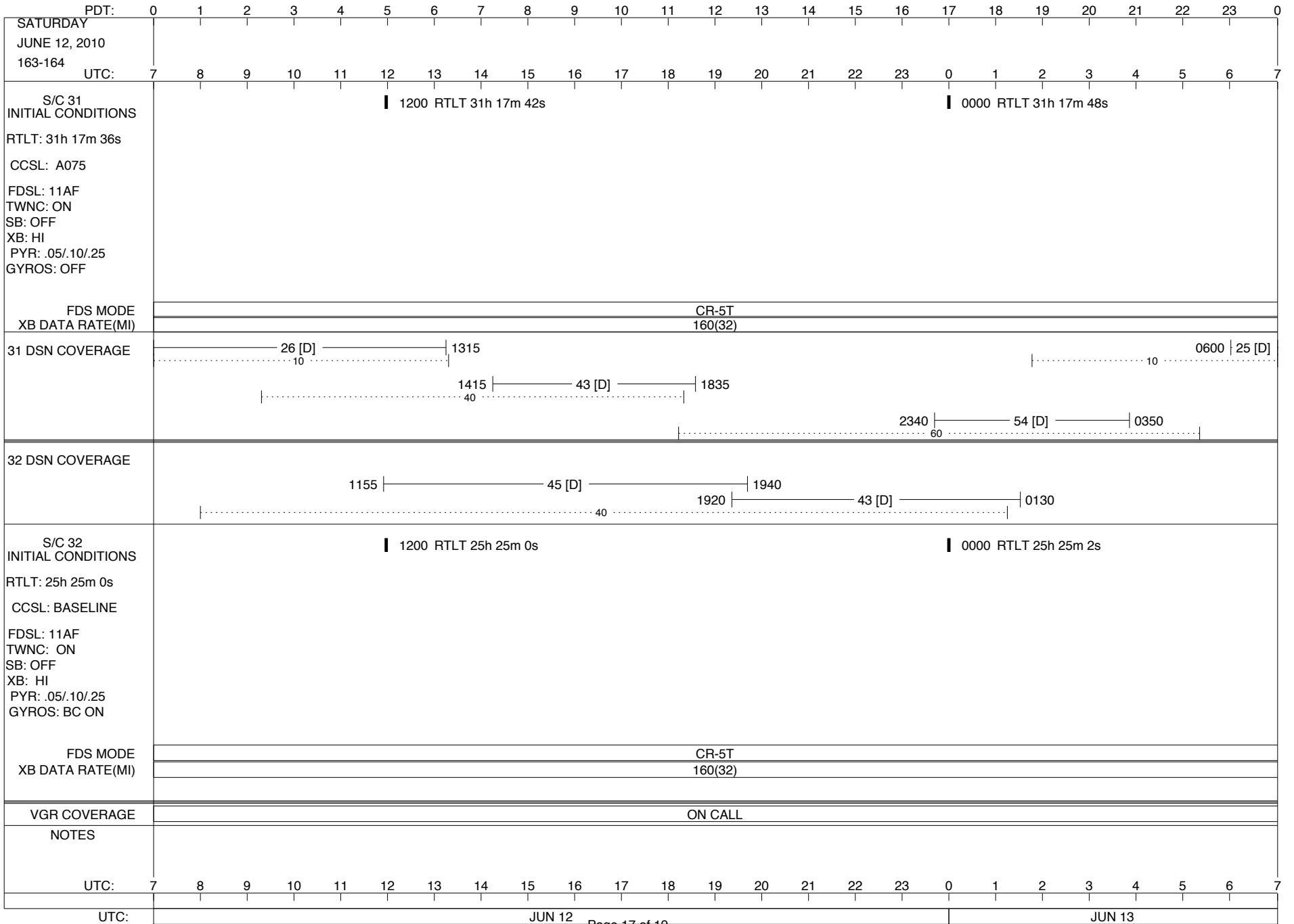
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TUESDAY JUNE 8, 2010 159-160	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 31h 16m 52s CCSL: A075 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	1200 RTLT 31h 16m 58s												0000 RTLT 31h 17m 4s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	0745  -----26 [D]-----  1330  -----10-----   -----40-----												2355  -----65 [D]-----  0530  -----60-----												
32 DSN COVERAGE	1005  -----45 [D]-----  2030  -----40-----  2020   34 [D]   2145																								
S/C 32 INITIAL CONDITIONS RTLTL: 25h 24m 54s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLT 25h 24m 54s												0000 RTLT 25h 24m 56s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 1357 XB=2.8K(41) NOT RECOVERABLE																								
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
UTC:	JUN 08												JUN 09												







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
FRIDAY JUNE 11, 2010 162-163																									
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
S/C 31 INITIAL CONDITIONS RTLT: 31h 17m 24s CCSL: A075 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 31h 17m 30s												0000 RTLT 31h 17m 36s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	24 [D] 1220												26 [D] 0650												
	10												10												
	40												60												
	2335 55 [D] 0200												0215 63 [D] 0405												
32 DSN COVERAGE	1200 34 [D] 1450												1810 43 [B] 2240												
	40												40												
S/C 32 INITIAL CONDITIONS RTLT: 25h 24m 58s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 25h 24m 58s												0000 RTLT 25h 25m 0s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1957 XB=2.8K(41) NOT RECOVERABLE																								
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
UTC:	JUN 11												JUN 12												



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	
SUNDAY JUNE 13, 2010 164-165	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	
S/C 31 INITIAL CONDITIONS RTLTL: 31h 17m 48s CCSL: A075 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 31h 17m 54s												0000 RTLTL 31h 17m 58s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	25 [D]   1210 10												1150   43 [D]   1620 40													
													2115   63 [D]   2315 60													
													0200   63 [D]   0545 													
32 DSN COVERAGE	1120   45 [D]   2210 40																									
S/C 32 INITIAL CONDITIONS RTLTL: 25h 25m 2s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 25h 25m 2s												0000 RTLTL 25h 25m 4s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
VGR COVERAGE													ON CALL													
NOTES																										
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	
UTC:	JUN 13													JUN 14												

ISSUE DATE: 06/01/10 17:12

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MONDAY JUNE 14, 2010 165-166	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	
S/C 31 INITIAL CONDITIONS RTLT: 31h 17m 58s CCSL: A075 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 31h 18m 4s																									
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																									
31 DSN COVERAGE																											
32 DSN COVERAGE		1510  ----- 45 [D] -----  2235																									
S/C 32 INITIAL CONDITIONS RTLT: 25h 25m 4s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON		1200 RTLT 25h 25m 4s																									
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																									
VGR COVERAGE		ON CALL																									
NOTES																											
	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	
	UTC:	JUN 14													JUN 15												