

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: January 23, 2013

For the Period: 01/24/13 to 02/11/13 (13-024 – 13-042)

DSN OPSCHIEF (1) 230-102

SCIENCE

FLIGHT TEAM (14) 600-100

DSOT (1) 230-102

- *Zsarina.Bulchand@jpl.nasa.gov
- *gdyke@airmail.ftops.jpl.nasa.gov
- *John.M.Grant@jpl.nasa.gov
- *dmcclena@airmail.ftops.jpl.nasa.gov
- *pquach@airmail.ftops.jpl.nasa.gov
- *mrobles@airmail.ftops.jpl.nasa.gov
- *rwilliam@airmail.ftops.jpl.nasa.gov

- CRS *bryant@mail630.gsfc.nasa.gov
- LECP *r.decker@jhupl.edu
- UVS *holberg@argus.lpl.arizona.edu
- MAG *u2mha@lepvox.gsfc.nasa.gov
- PLS *vgr@space.mit.edu
- PWS *wsk@space.physics.uiowa.edu
- *Leonard.F.Burlaga@nasa.gov
- *Donald-Gurnett@uiowa.edu

- Dodd, S.
- Hall, J.
- Howard, S. (3)
- Ludwig, R. (2)
- Matsumoto, S.
- Medina, E.
- Peralta, F.
- Weeks, T.
- Wong, R.
- Yang, L
- Zottarelli, L.
- *odivers1@san.rr.com

OTHER

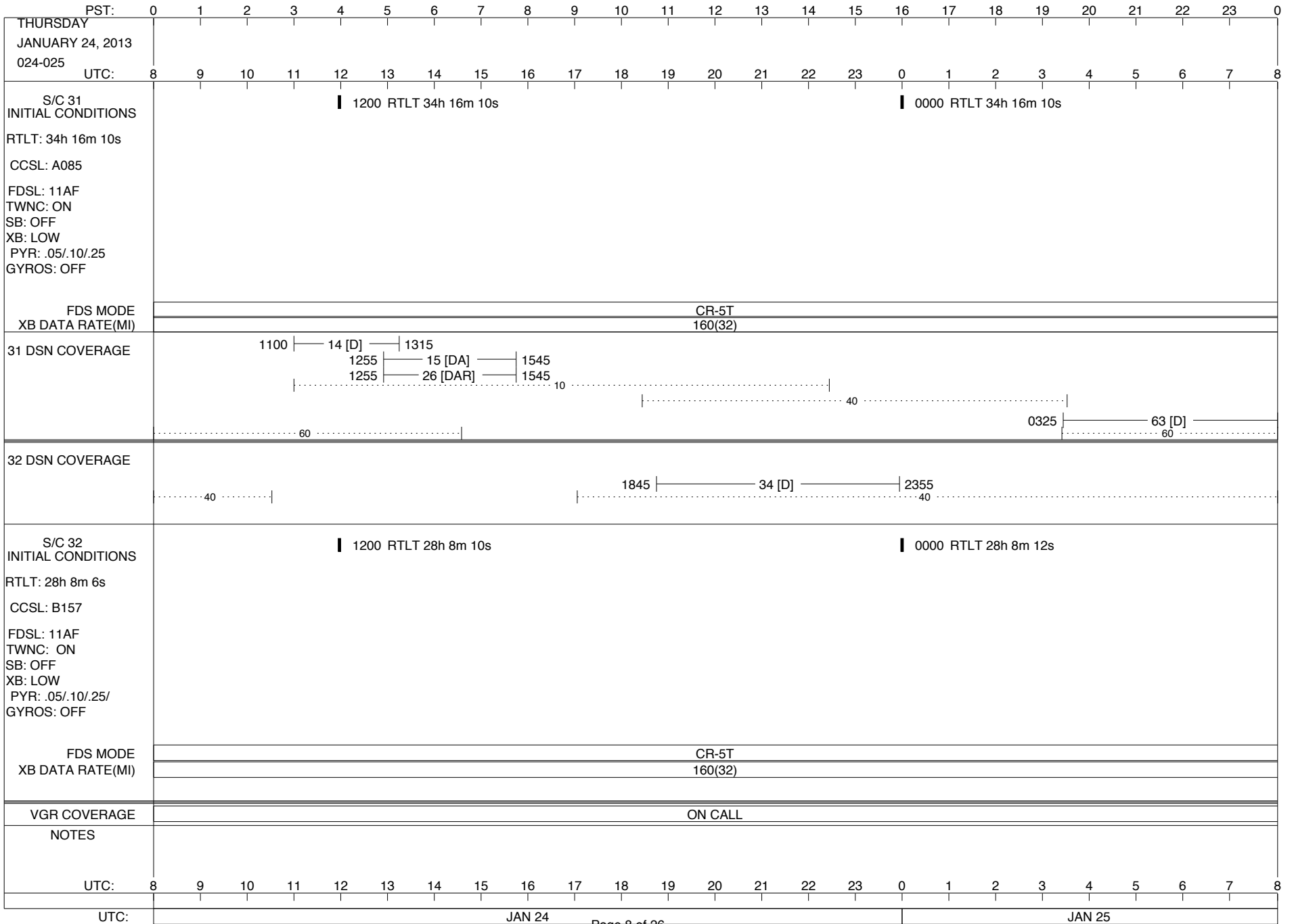
- * KMassej@jgld.gdscc.nasa.gov
- * Belinda.Arroyo@jpl.nasa.gov
- * !DL-DSN-MPSETA@dsn.nasa.gov

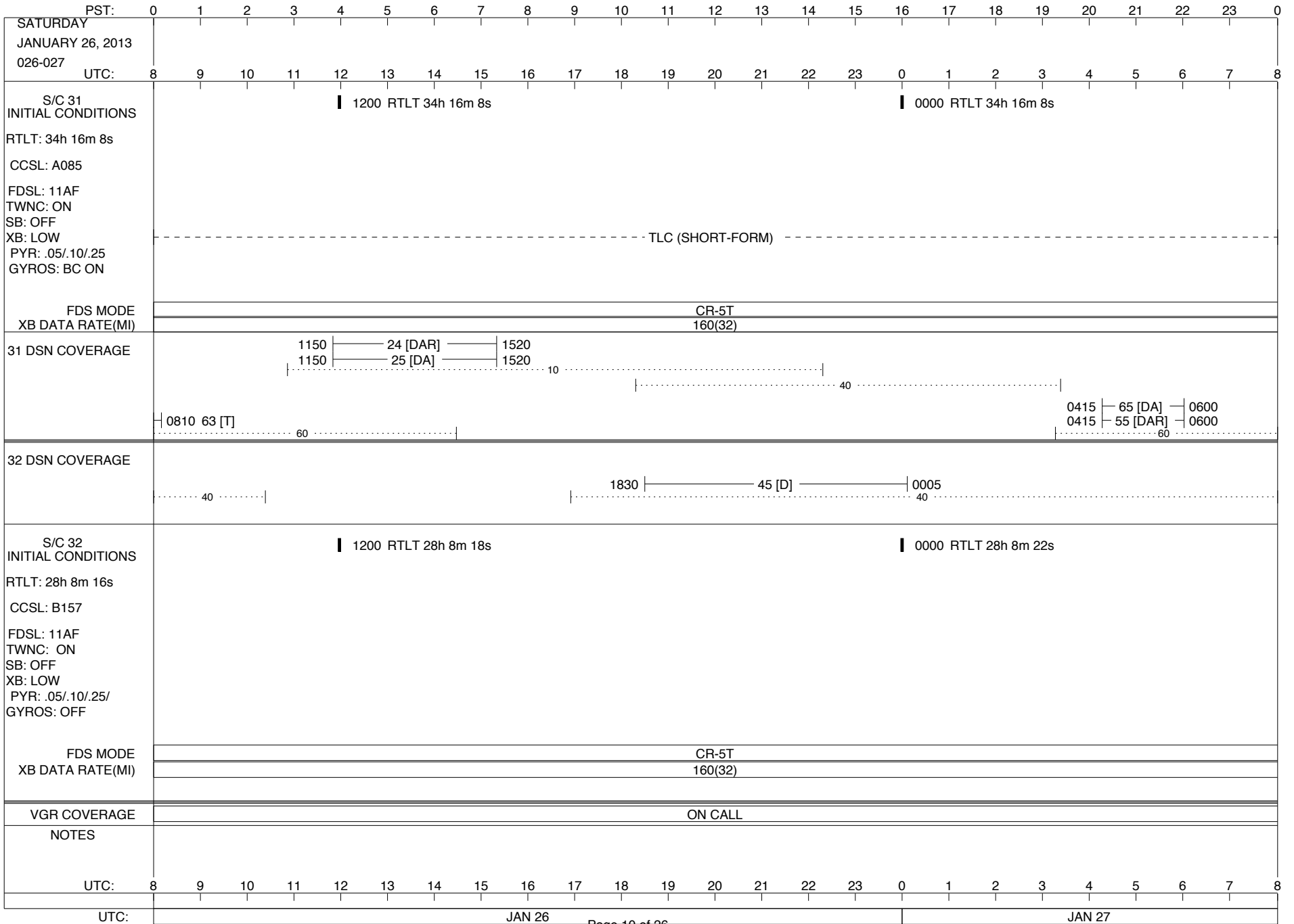
LEGEND:

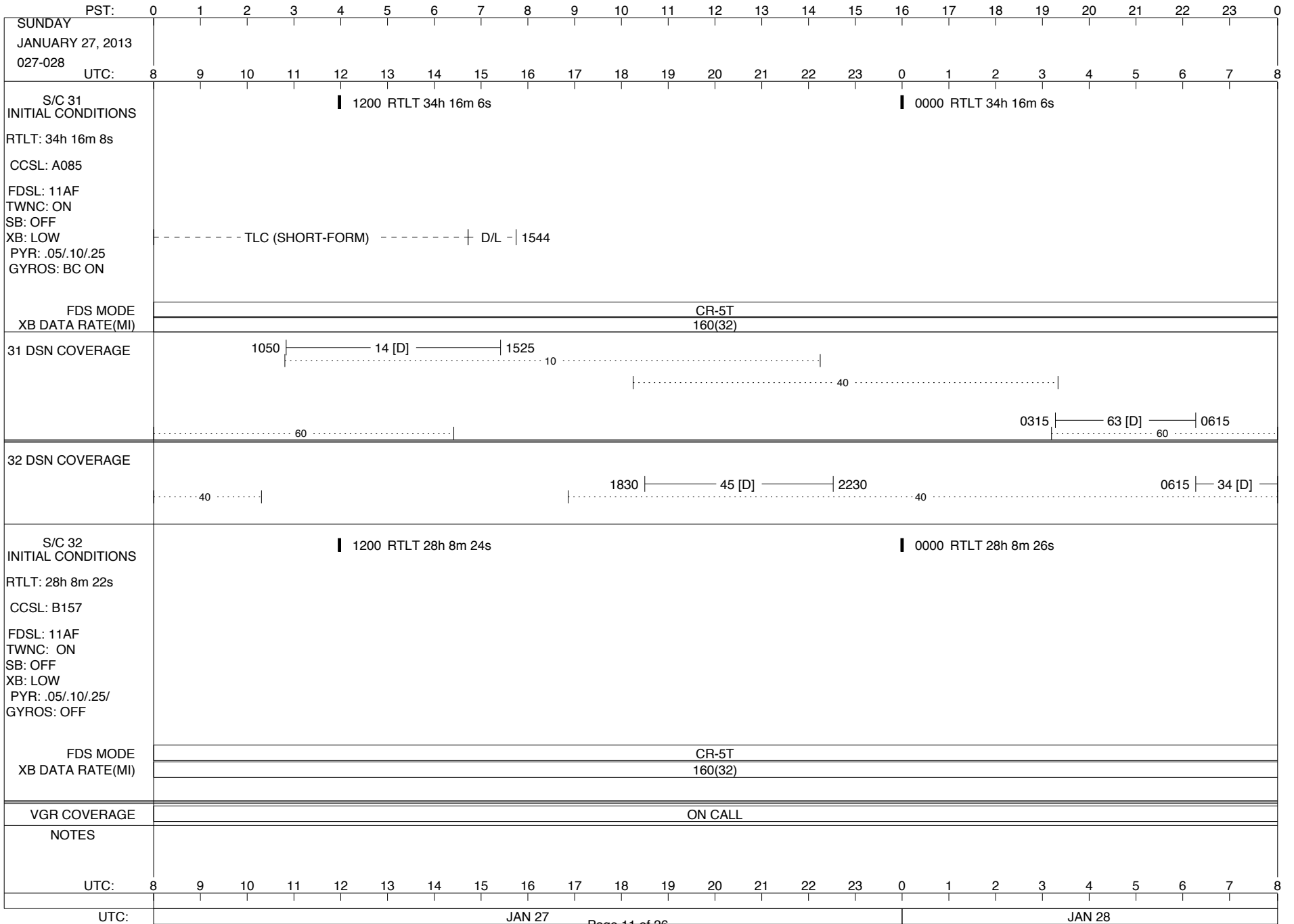
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = 7-Point BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink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

*Electronic Copy Only
(16 – Dist/N: Paper Copies)
09/08/10

ISSUE DATE: 01/23/13 17:48



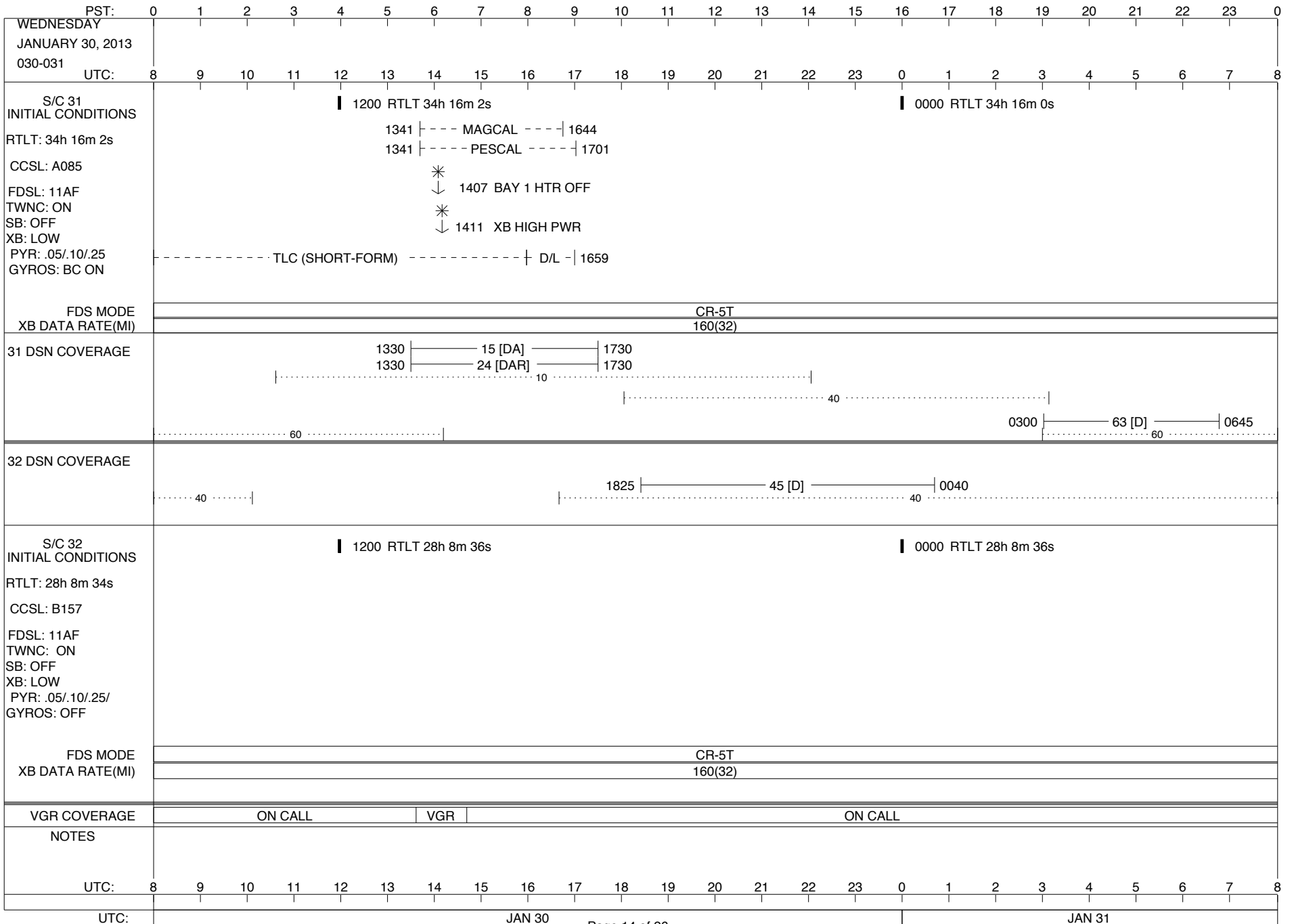


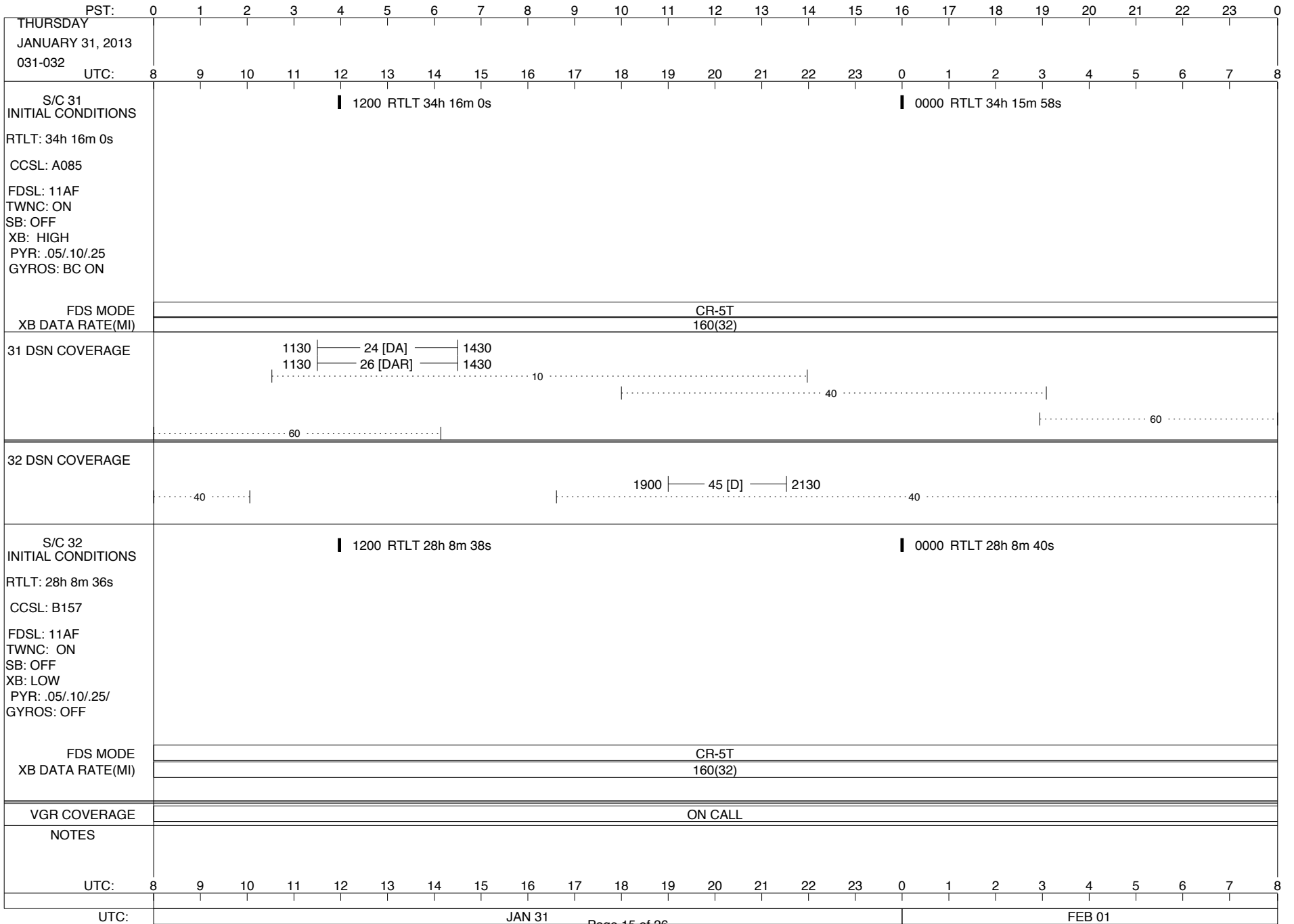


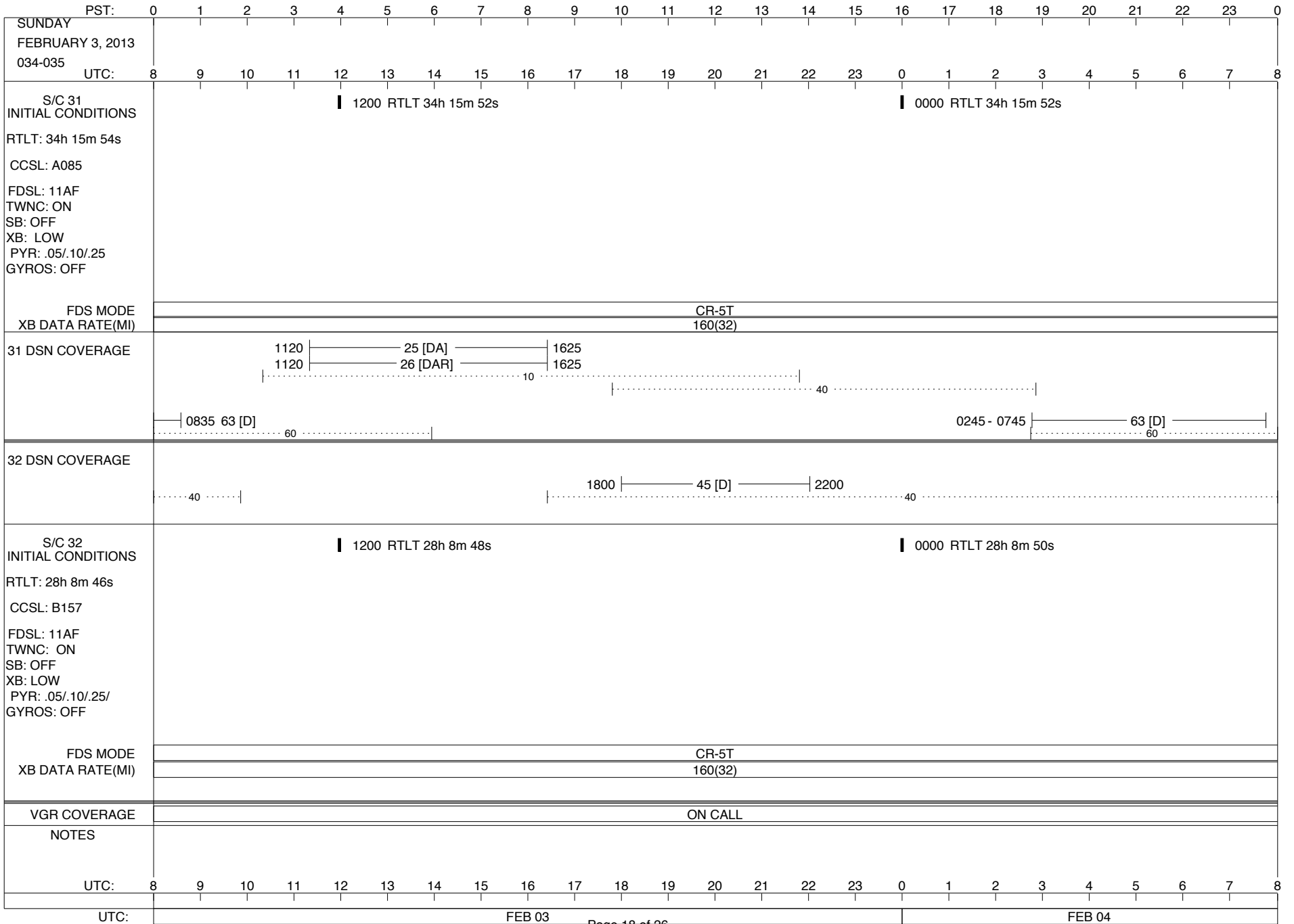
ISSUE DATE: 01/23/13 18:04

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
MONDAY JANUARY 28, 2013 028-029																									
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
S/C 31 INITIAL CONDITIONS RTLTL: 34h 16m 6s CCSL: A085 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 34h 16m 4s												0000 RTLTL 34h 16m 4s												
													XB HIGH PWR (14:06) 0350▼ DUMMY (14:11) 0355▼												
													U/L 0515 - TLC (SHORT-FORM) - - - - -												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	1050 14 [D] 1300 1240 15 [DA] 1515 1240 26 [DAR] 1515												10 40 0325 63 [T] 0545 60 60												
32 DSN COVERAGE	0835 34 [D] 40 1825 34 [D] 2045												34 [D] 0705 40												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 8m 26s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 28h 8m 28s												0000 RTLTL 28h 8m 30s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL												VGR						ON CALL						
NOTES																									
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:	JAN 28												Page 1 of 1						JAN 29						

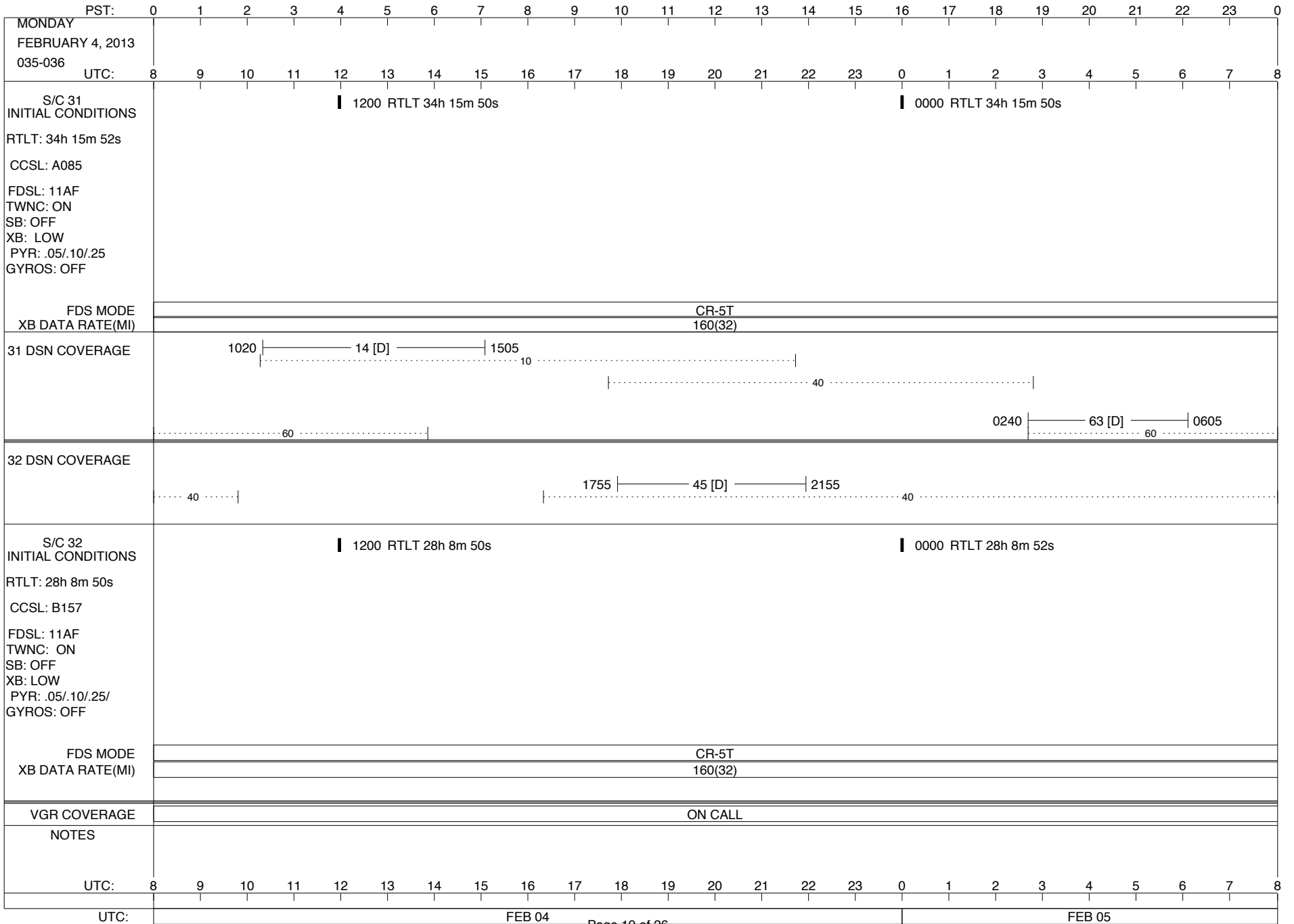
PST:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
TUESDAY JANUARY 29, 2013 029-030	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLTL: 34h 16m 4s CCSL: A085 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	█ 1200 RTLTL 34h 16m 4s												█ 0000 RTLTL 34h 16m 2s												
	↓ 1309 GYRO INIT												2126 █ 2127 PWS/RH												
	----- TLC (SHORT-FORM) -----																								
	↓ 2126 GS-4B 2127																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1140 ----- 15 [DAR] ----- 1515 1140 ----- 24 [DA] ----- 1515 ----- 10 ----- ----- 40 ----- ----- 60 -----												0305 ----- 63 [D1] ----- 0545 ----- 60 -----												
32 DSN COVERAGE	0835 34 [D]												1820 ----- 34 [D] ----- 2145 ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 8m 30s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLTL 28h 8m 32s												█ 0000 RTLTL 28h 8m 34s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 2126 XB=2.8K(41) NOT RECOVERABLE [2] XB HIGH PWR U/L BACKUP SUPPORT																								
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:	JAN 29												JAN 30												







ISSUE DATE: 01/23/13 17:48



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	
TUESDAY FEBRUARY 5, 2013 036-037																										
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	
S/C 31 INITIAL CONDITIONS RTLT: 34h 15m 50s CCSL: A085 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 34h 15m 48s												█ 0000 RTLT 34h 15m 46s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	1110 ----- 15 [DA] ----- 1515 1110 ----- 26 [DAR] ----- 1515 ----- 10 ----- ----- 40 ----- ----- 60 -----												0240 ----- 63 [D] ----- 0645 ----- 60 -----													
32 DSN COVERAGE	----- 40 -----												1755 ----- 45 [D] ----- 0220 ----- 40 -----													
S/C 32 INITIAL CONDITIONS RTLT: 28h 8m 52s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLT 28h 8m 52s												█ 0000 RTLT 28h 8m 54s													
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 @ 2102 XB=2.8K(41) NOT RECOVERABLE																									
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:	FEB 05												FEB 06													

ISSUE DATE: 01/23/13 17:48

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

WEDNESDAY
FEBRUARY 6, 2013
037-038

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

S/C 31
INITIAL CONDITIONS
RTLTL: 34h 15m 46s
CCSL: A085
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLTL 34h 15m 44s

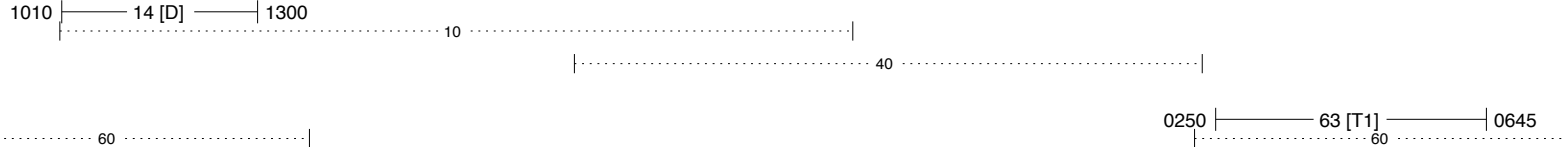
0000 RTLTL 34h 15m 44s

U/L 0315 | - | - - TLC (SHORT-FORM) - - -

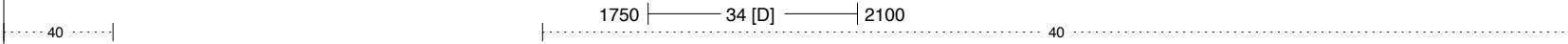
FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

31 DSN COVERAGE



32 DSN COVERAGE



S/C 32
INITIAL CONDITIONS
RTLTL: 28h 8m 54s
CCSL: B157
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25/
GYROS: OFF

1200 RTLTL 28h 8m 54s

0000 RTLTL 28h 8m 56s

FDS MODE
XB DATA RATE(MI)

CR-5T
160(32)

VGR COVERAGE

ON CALL

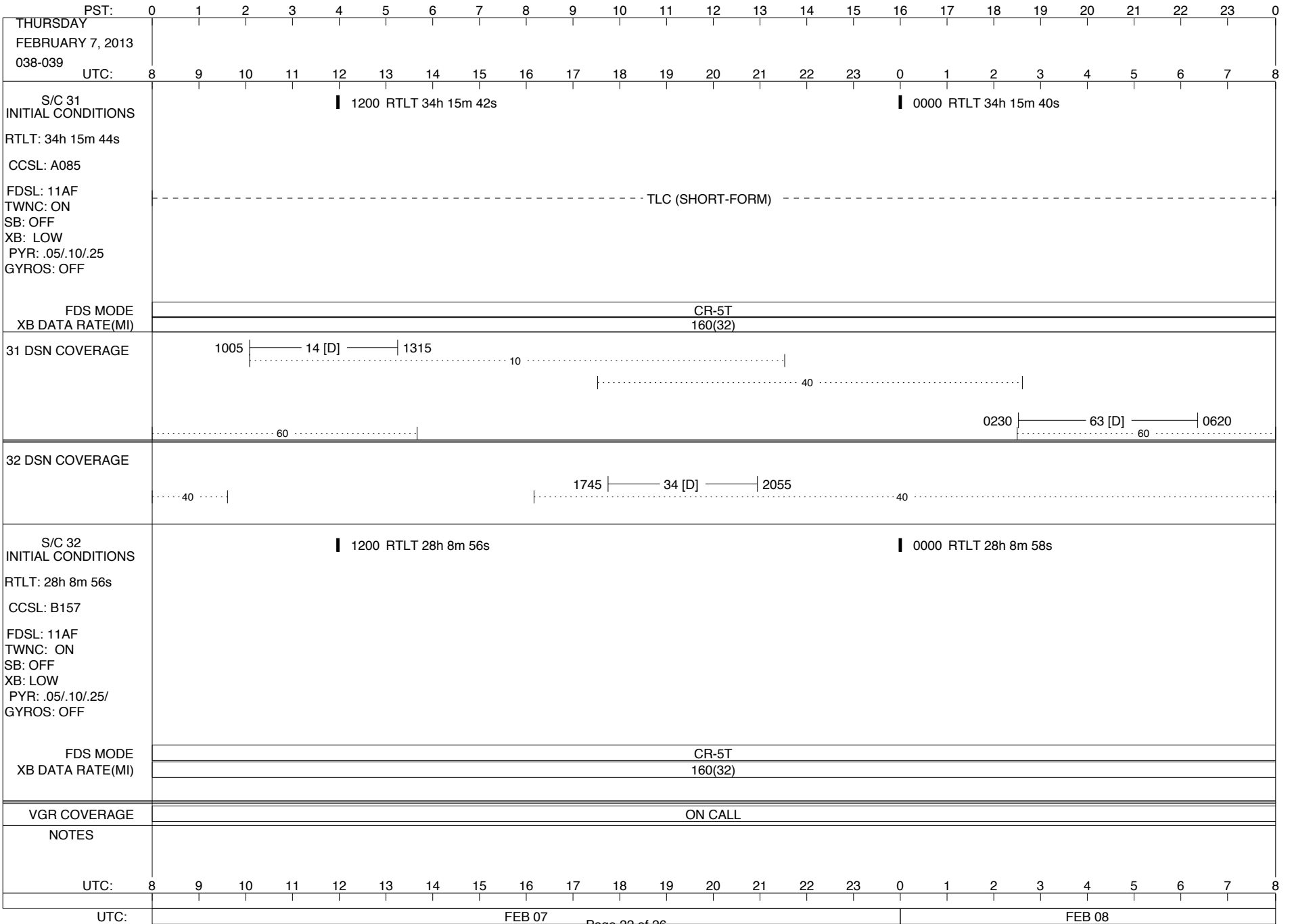
NOTES

[1] XB LOW PWR U/L BACKUP SUPPORT

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: FEB 06 Page 21 of 26 FEB 07

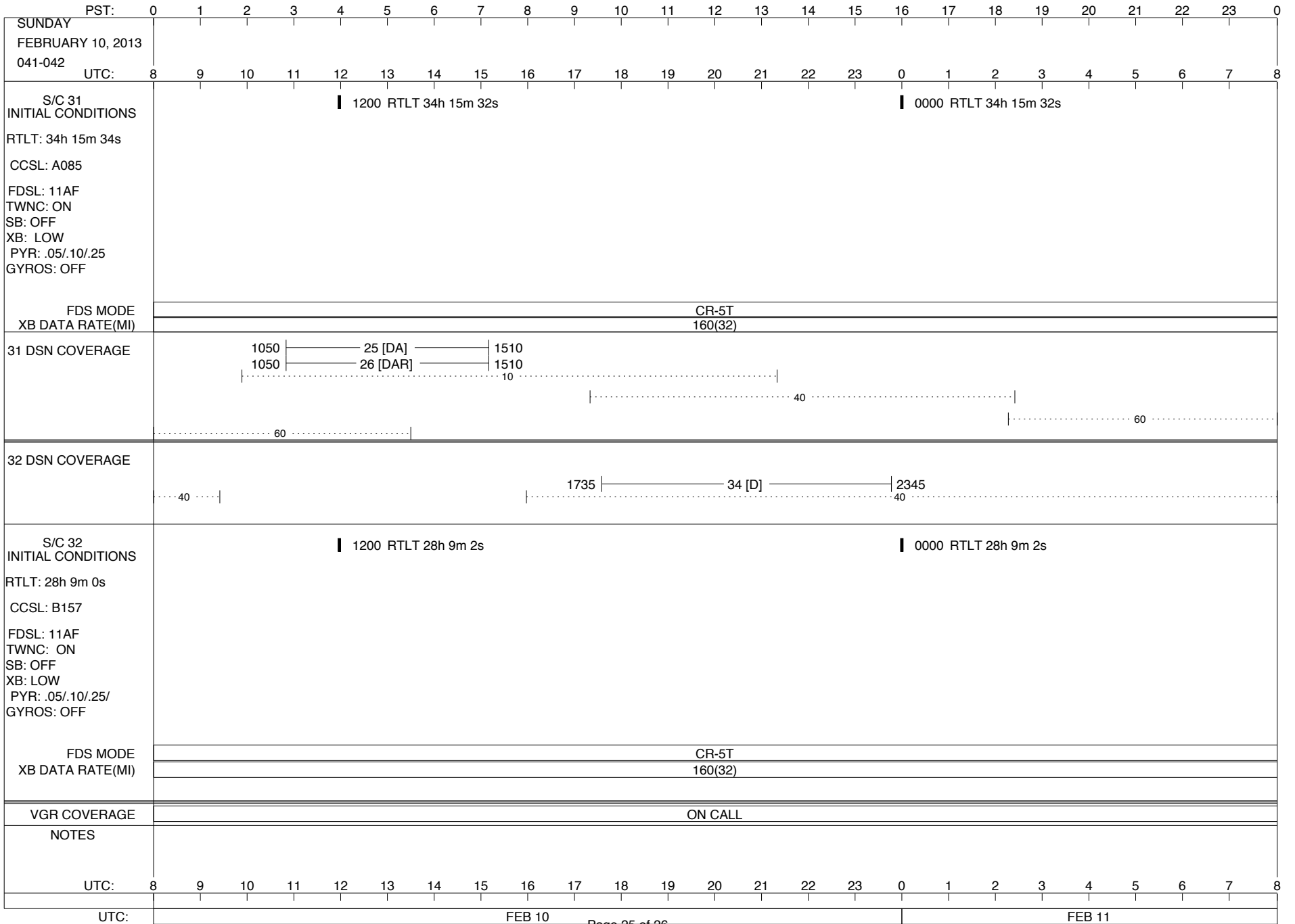
ISSUE DATE: 01/23/13 17:48



ISSUE DATE: 01/23/13 17:48

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
FRIDAY FEBRUARY 8, 2013 039-040	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
S/C 31 INITIAL CONDITIONS RTLTL: 34h 15m 40s CCSL: A085 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 34h 15m 40s												0000 RTLTL 34h 15m 38s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1055 ----- 25 [DAR] ----- 1445 1055 ----- 26 [DA] ----- 1445 ----- 10 ----- ----- 40 ----- ----- 60 ----- ----- 60 -----												0325 ----- 65 [DA] ----- 0645 0325 ----- 55 [DAR] ----- 0645 ----- 60 -----												
32 DSN COVERAGE	----- 40 ----- ----- 1740 ----- ----- 45 [D] ----- ----- 2110 ----- ----- 40 -----																								
S/C 32 INITIAL CONDITIONS RTLTL: 28h 8m 58s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 28h 8m 58s												0000 RTLTL 28h 9m 0s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0302 XB=2.8K(41) NOT RECOVERABLE																								
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:	FEB 08												FEB 09												

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
SATURDAY FEBRUARY 9, 2013 040-041	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
S/C 31 INITIAL CONDITIONS RTLT: 34h 15m 38s CCSL: A085 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 34h 15m 36s												█ 0000 RTLT 34h 15m 34s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	1000 ----- 14 [D] ----- 1455 ----- 10 -----												----- 40 ----- 0240 - 0730 ----- 63 [1] ----- ----- 60 -----												
32 DSN COVERAGE	----- 40 -----												1740 ----- 45 [D] ----- 2140 ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLT: 28h 9m 0s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLT 28h 9m 0s												█ 0000 RTLT 28h 9m 0s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE													ON CALL												
NOTES	[1] A086 U/L SUPPORT (TBD)																								
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:	FEB 09												FEB 10												



ISSUE DATE: 01/23/13 17:48

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
MONDAY FEBRUARY 11, 2013 042-043	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
S/C 31 INITIAL CONDITIONS RTLT: 34h 15m 32s CCSL: A085 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 34h 15m 30s</p> </div>																								
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	<div style="text-align: center;"> <p>1100 ----- 14 [D] ----- 1530</p> <p>.....60..... </p> </div>																								
32 DSN COVERAGE	<div style="text-align: center;"> <p>.....40..... </p> <p>1730 ----- 34 [D] ----- 2045</p> </div>																								
S/C 32 INITIAL CONDITIONS RTLT: 28h 9m 2s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 28h 9m 2s</p> </div>																								
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL																								
NOTES																									
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:	FEB 11												FEB 12												