

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: November 16, 2011

For the Period: 11/17/2011 to 12/12/2011 (11-321 – 11-346)

DSN OPSCHIEF (1) 230-102

SCIENCE

FLIGHT TEAM (14) 600-100

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

OTHER

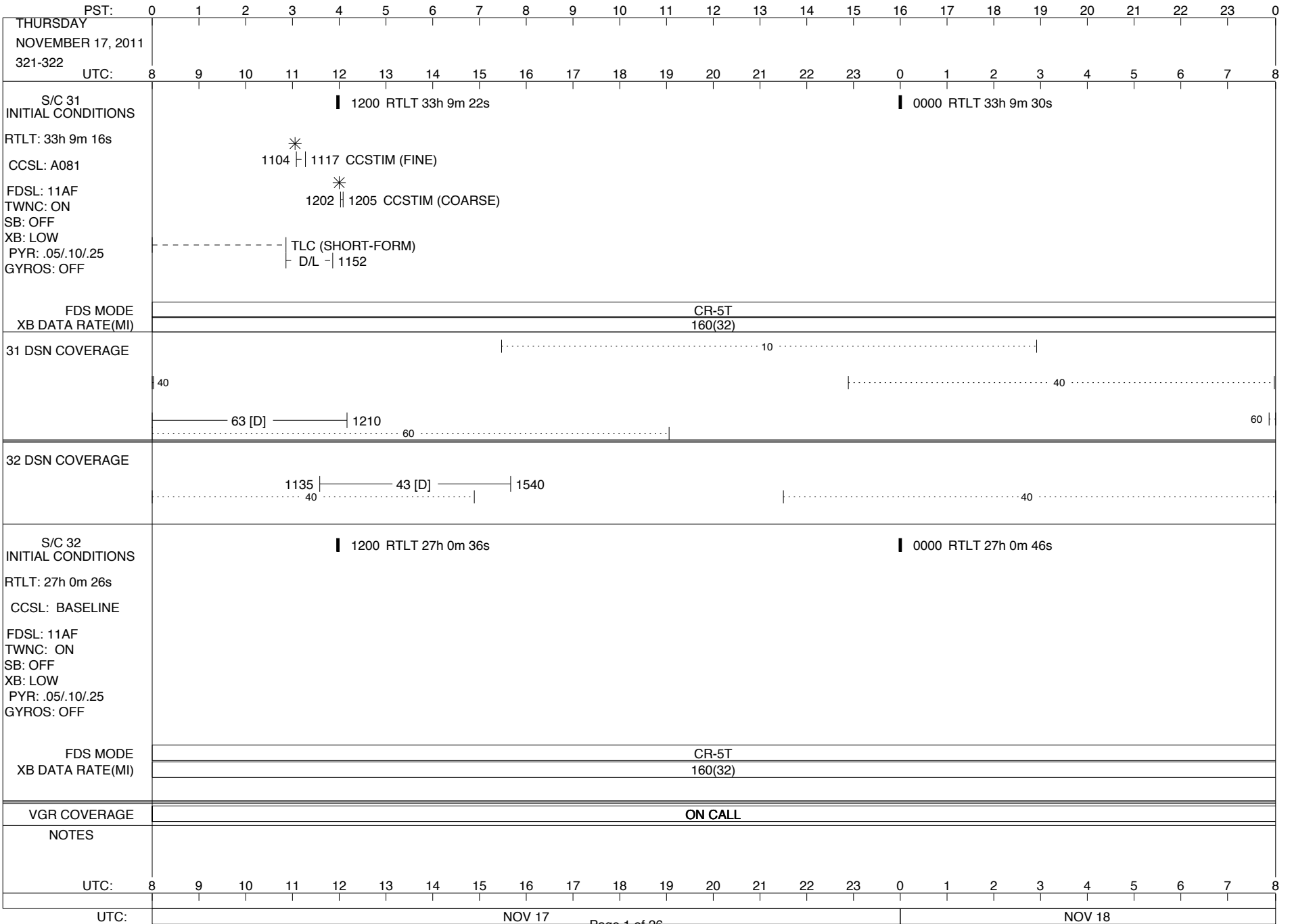
- * KMassej@jgld.gdscc.nasa.gov
- * Belinda.Arroyo@jpl.nasa.gov
- * !DL-DSN-MPSETA@dsn.nasa.gov

LEGEND:

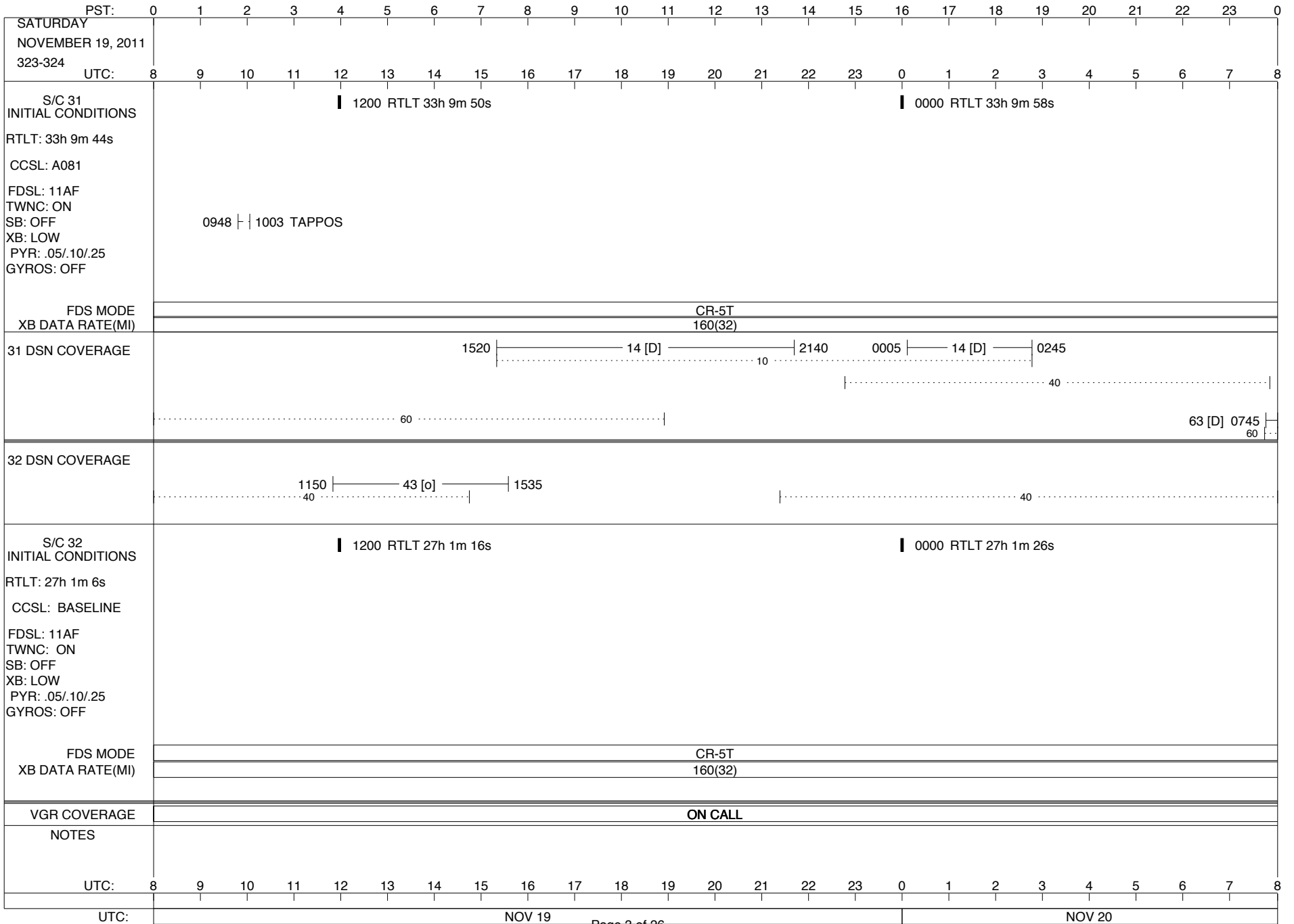
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = 7-Point BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink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

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

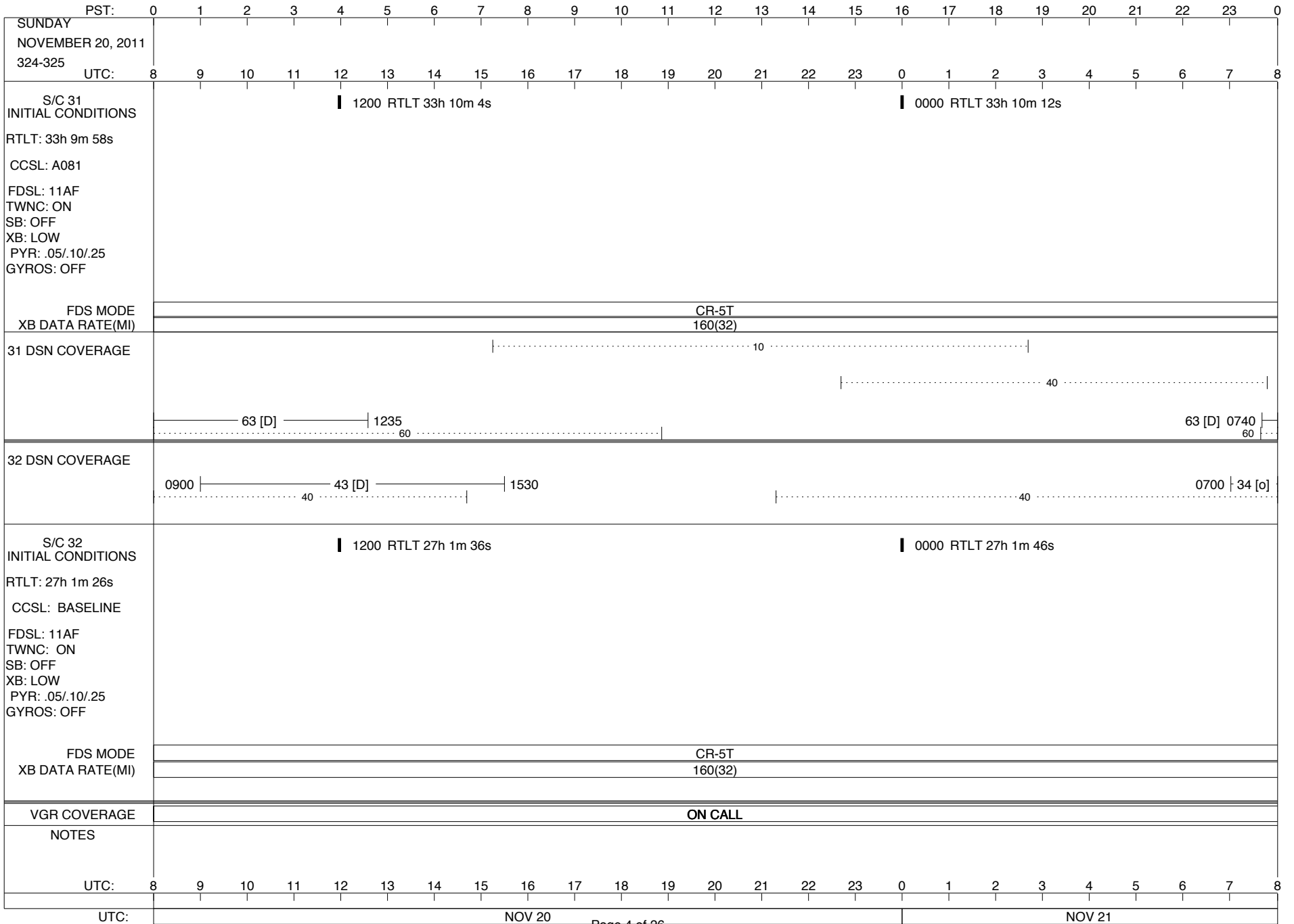
ISSUE DATE: 11/29/11 08:33



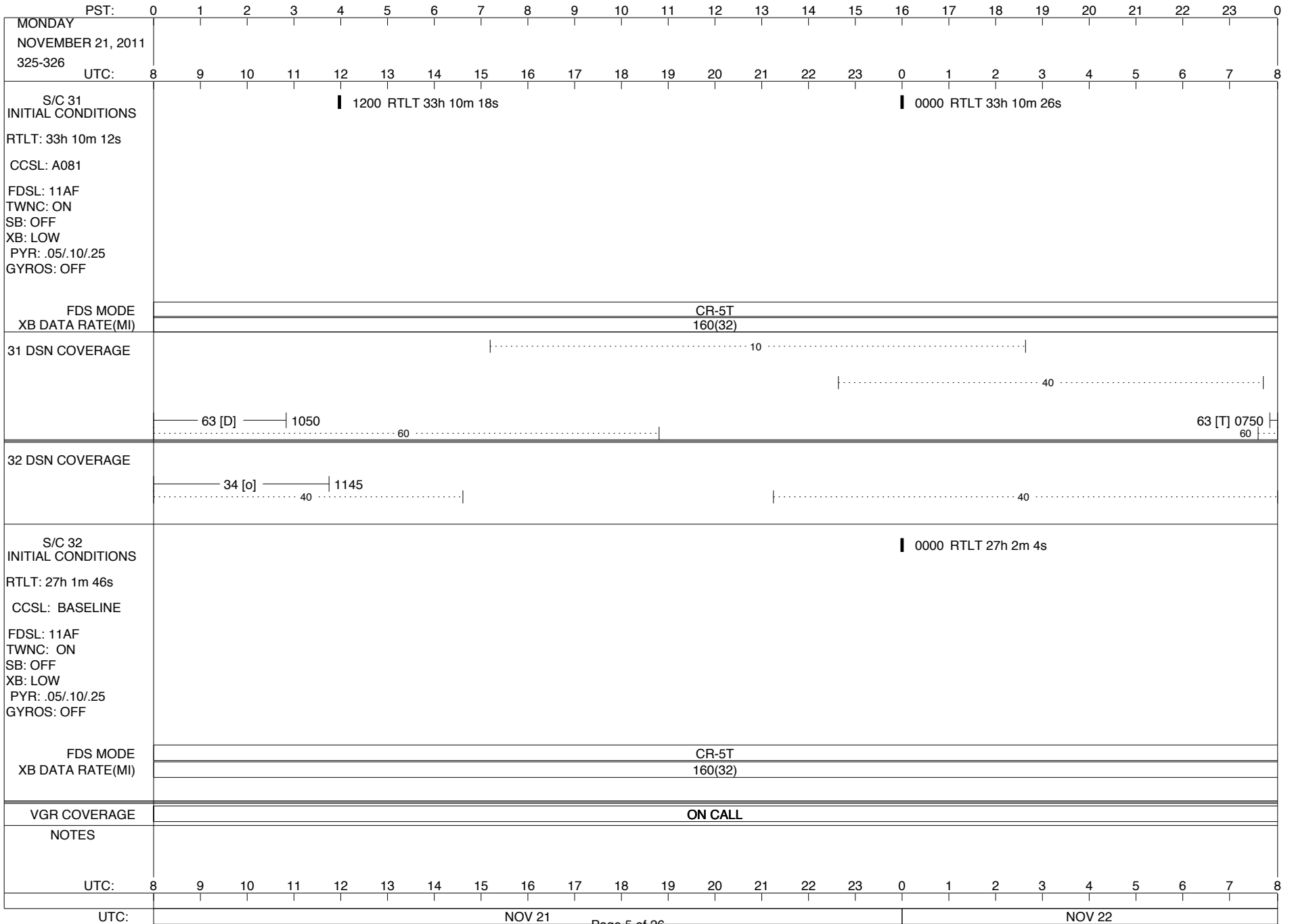
ISSUE DATE: 11/29/11 08:33



ISSUE DATE: 11/29/11 08:33



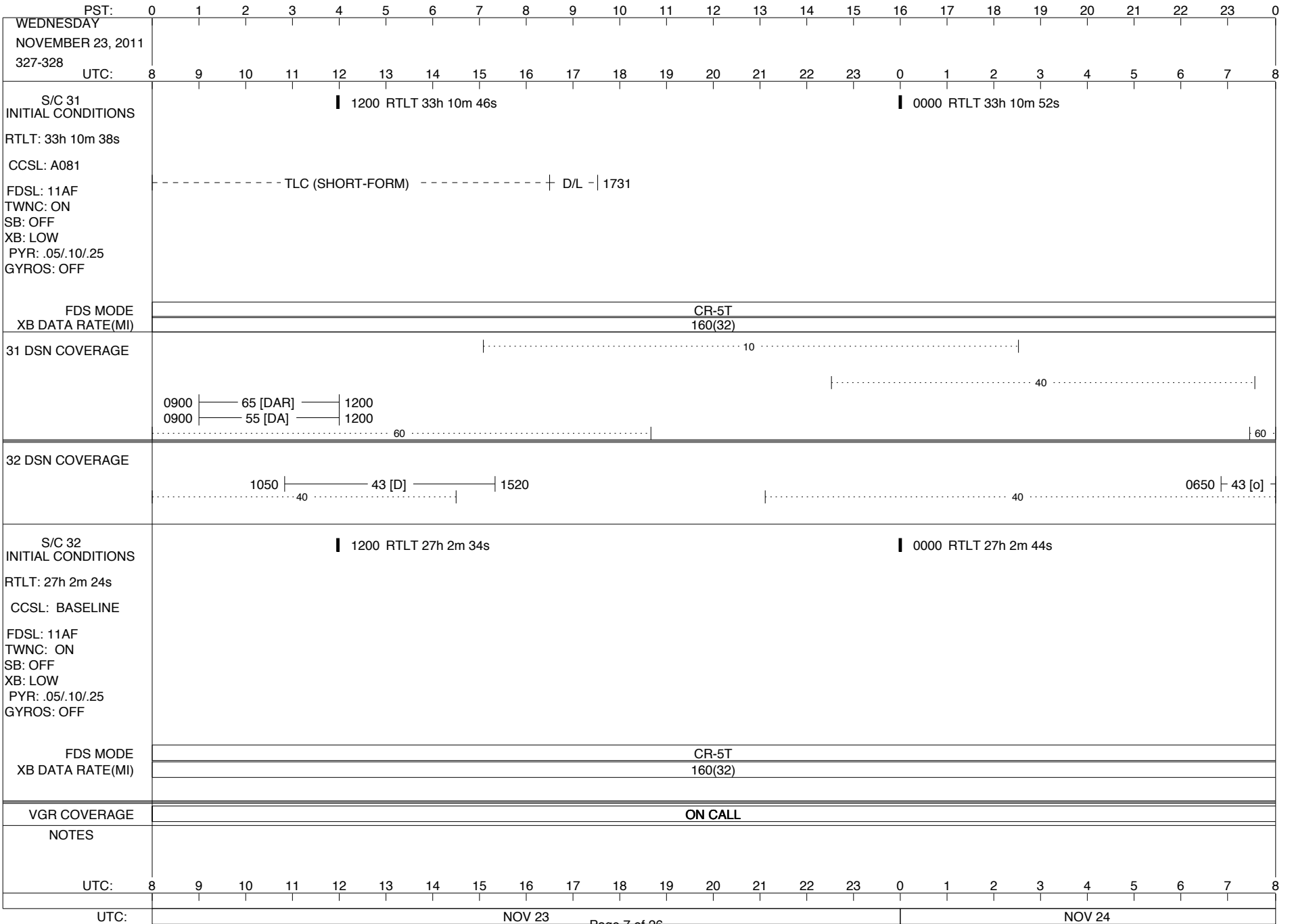
ISSUE DATE: 11/29/11 08:33



ISSUE DATE: 11/29/11 08:33

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TUESDAY NOVEMBER 22, 2011 326-327	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: 33h 10m 26s CCSL: A081 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 33h 10m 32s												█ 0000 RTLT 33h 10m 38s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	|.....10.....|												|.....40.....|												
	63 [T] | 1135												| 60												
32 DSN COVERAGE	1145 | 43 [o] | 1525												| 40												
S/C 32 INITIAL CONDITIONS RTLT: 27h 2m 4s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 27h 2m 14s												█ 0000 RTLT 27h 2m 24s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 0117 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:	NOV 22												NOV 23												

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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
THURSDAY NOVEMBER 24, 2011 328-329																									
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: 33h 10m 52s CCSL: A081 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF					█	1200	RTLTL 33h 10m 58s														█	0000	RTLTL 33h 11m 4s		
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE													|-----10-----|												
													|-----40-----|												
	1455 |-----63 [D]-----| 1855												|-----60-----|												
32 DSN COVERAGE	43 [o] |-----1420												45 [D] 0710 |-----40-----|												
	40 |-----|																								
S/C 32 INITIAL CONDITIONS RTLTL: 27h 2m 44s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF					█	1200	RTLTL 27h 2m 54s														█	0000	RTLTL 27h 3m 2s		
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE													ON CALL												
NOTES	JPL HOLIDAY!																								
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:	NOV 24												NOV 25												

ISSUE DATE: 11/29/11 08:33

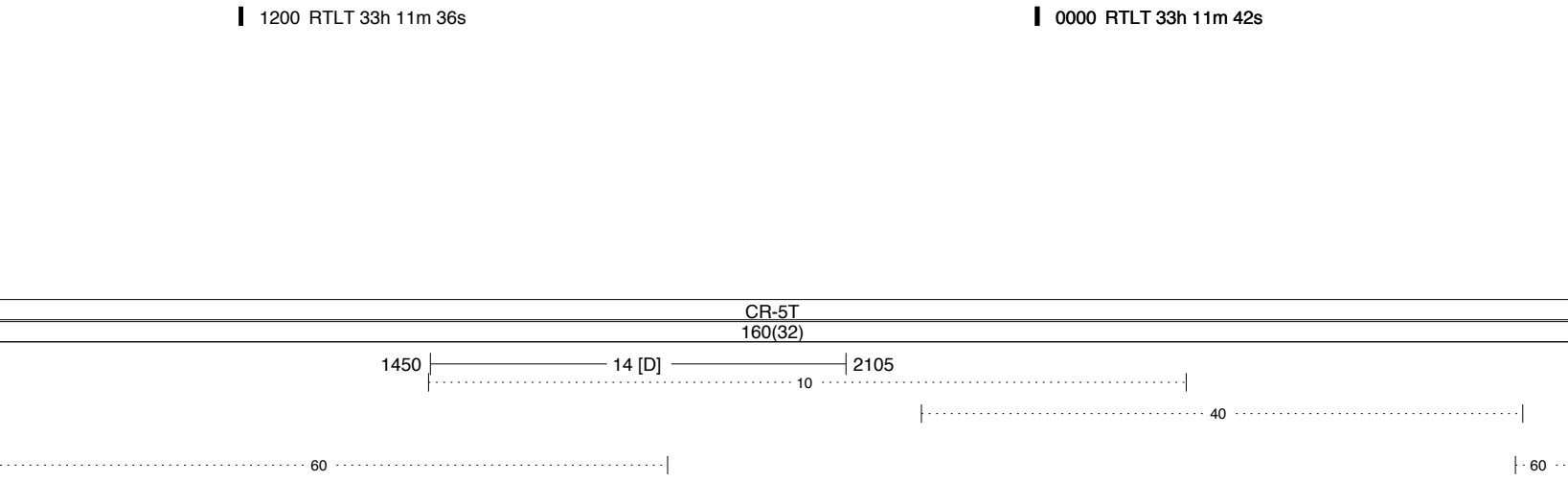
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FRIDAY NOVEMBER 25, 2011 329-330		UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 33h 11m 4s CCSL: A081 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 33h 11m 10s												0000 RTLT 33h 11m 18s													
FDS MODE		CR-5T																									
XB DATA RATE(MI)		160(32)																									
31 DSN COVERAGE		1500 |-----| 14 [D] |-----| 1900												10 .....|-----| 40 .....|-----| 60 .....|-----| 63 [D] 0720 |-----| 60													
32 DSN COVERAGE		45 [D] |-----| 1145												0000 |-----| 45 [D] |-----| 0400 0540 - 0750 |-----| 43 [D] |-----| 40													
S/C 32 INITIAL CONDITIONS RTLT: 27h 3m 2s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 27h 3m 12s												0000 RTLT 27h 3m 22s													
FDS MODE		CR-5T																									
XB DATA RATE(MI)		160(32)																									
VGR COVERAGE		ON CALL																									
NOTES		[1] S/C 31=GS-4B @ 0717 XB=2.8K(41) NOT RECOVERABLE JPL HOLIDAY!																									
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:		NOV 25												NOV 26													

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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 NOVEMBER 26, 2011 330-331	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: 33h 11m 18s CCSL: A081 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 33h 11m 24s												0000 RTLT 33h 11m 30s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	63 [D] | 1025												1750 | 14 [D] | 2150												
32 DSN COVERAGE	40												0010 | 43 [H RED Transmitter] | 0340												
S/C 32 INITIAL CONDITIONS RTLT: 27h 3m 22s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 27h 3m 32s												0000 RTLT 27h 3m 40s												
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:	NOV 26															NOV 27									

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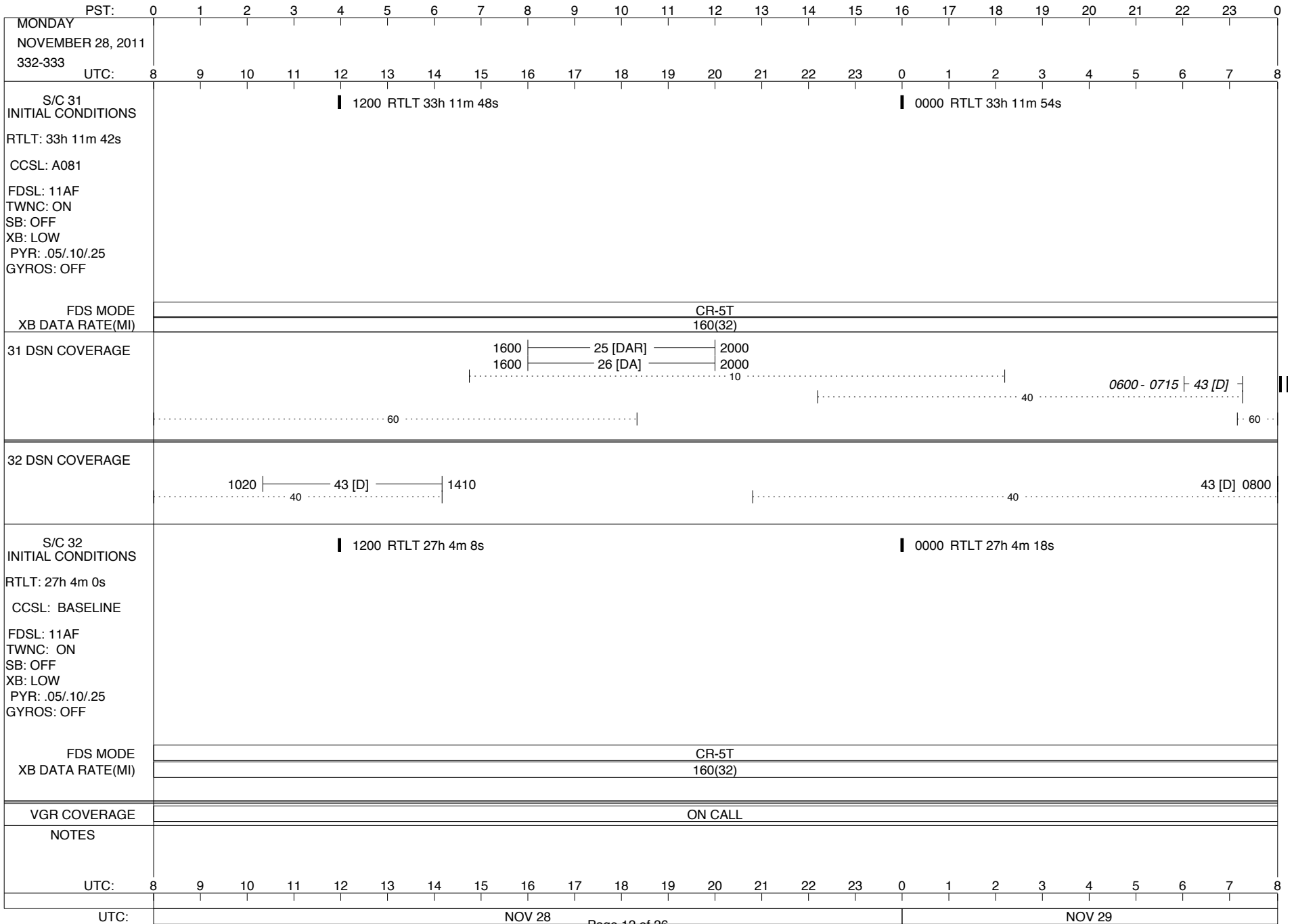
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SUNDAY NOVEMBER 27, 2011 331-332																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLTL: 33h 11m 30s CCSL: A081 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					█ 1200																					
FDS MODE XB DATA RATE(MI)																										
31 DSN COVERAGE																										
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS RTLTL: 27h 3m 40s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					█ 1200																					
FDS MODE XB DATA RATE(MI)																										
VGR COVERAGE																										
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:																										



- EL-40 (08:59) 0554 ▼
- CCSL B154B (09:20) 0616 ▼
- DUMMY (09:44) 0640 ▼
- CR-5T (09:58) 0654 ▼

[3] B154B BACKUP U/L TRACK

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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 NOVEMBER 29, 2011 333-334	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: 33h 11m 54s CCSL: A081 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 33h 12m 0s											0000 RTLT 33h 12m 4s													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)											CR-5T 160(32)													
31 DSN COVERAGE		.....|.....10.....|.....											2225 |----- 43 [T] -----| 0710 | |----- 40 -----|													
32 DSN COVERAGE		43 [D] -----| 0800 - 1405 |----- 40 -----|											.....40.....| 45 [D] 0730 | |----- 40 -----|													
S/C 32 INITIAL CONDITIONS RTLT: 27h 4m 18s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 27h 4m 26s											0000 RTLT 27h 4m 36s													
FDS MODE XB DATA RATE(MI)		CR-5T	EL-40									CR-5T														
			40(30)									160(32)														
VGR COVERAGE		VGR	ON CALL											VGR	ON CALL											
NOTES		[1] S/C 32=EL-40 @ 0859 XB=40(30) [2] S/C 32=CR-5T @ 0959 XB=160(32) [3] S/C 31=GS-4B @ 0054 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:	NOV 29														NOV 30											

ISSUE DATE: 11/29/11 08:33

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	
NOVEMBER 30, 2011	
334-335	
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	<div style="display: flex; justify-content: space-between;"> 1200 RTLT 33h 12m 10s 0000 RTLT 33h 12m 16s </div>
RTLT: 33h 12m 4s	
CCSL: A081	
FDSL: 11AF	TLC (SHORT-FORM)
TWNC: ON	
SB: OFF	
XB: LOW	
PYR: .05/.10/.25	
GYROS: OFF	
FDS MODE	CR-5T
XB DATA RATE(MI)	160(32)
31 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p>1255 |-----| 63 [D] |-----| 1655</p> <p>60</p> </div> <div style="text-align: center;"> <p>10</p> </div> <div style="text-align: center;"> <p>40</p> </div> <div style="text-align: right;"> <p>0700 | 63 [D] |</p> <p>60</p> </div> </div>
32 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <p>45 [D] |-----| 1250</p> <p>40</p> </div> <div style="text-align: center;"> <p>2215 |-----| 34 [D] |-----| 0215</p> <p>40</p> </div> </div>
S/C 32 INITIAL CONDITIONS	<div style="display: flex; justify-content: space-between;"> 1200 RTLT 27h 4m 44s 0000 RTLT 27h 4m 54s </div>
RTLT: 27h 4m 36s	
CCSL: B154B	
FDSL: 11AF	
TWNC: ON	
SB: OFF	
XB: LOW	
PYR: .05/.10/.25	
GYROS: OFF	
FDS MODE	CR-5T
XB DATA RATE(MI)	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: NOV 30 | DEC 01	

ISSUE DATE: 11/29/11 08:33

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	
THURSDAY DECEMBER 1, 2011 335-336																										
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: 33h 12m 16s CCSL: A081 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF					█ 1200 RTLT 33h 12m 22s																█ 0000 RTLT 33h 12m 28s					
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE													|.....10.....|													
													|.....40.....|													
	63 [D] | 1000												|... 60 ...													
	.....60.....|																									
32 DSN COVERAGE	.....40.....|												|.....40.....											
S/C 32 INITIAL CONDITIONS RTLT: 27h 4m 54s CCSL: B154B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: BC ON					█ 1200 RTLT 27h 5m 2s																█ 0000 RTLT 27h 5m 12s					
	----- CMD MORATORIUM -----												| 2232													
FDS MODE													CR-5T													
XB DATA RATE(MI)													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:	DEC 01													DEC 02												

FRIDAY
DECEMBER 2, 2011
336-337 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

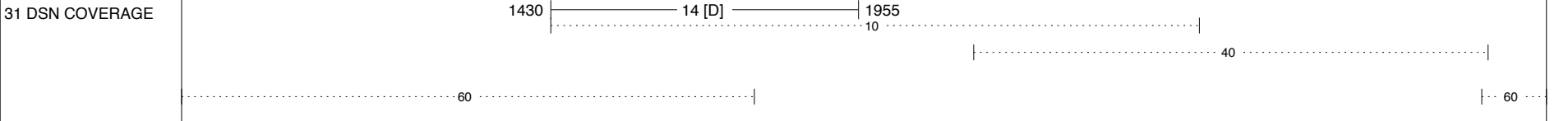
S/C 31
INITIAL CONDITIONS
RTLTL: 33h 12m 28s
CCSL: A081
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLTL 33h 12m 32s
0000 RTLTL 33h 12m 38s

0352 | 0353 TAPPOS
PWS/RH 0654 | 0655

0654 GS-4B 0655 ↓

FDS MODE CR-5T CR-5T
XB DATA RATE(MI) 160(32) 160(32)



S/C 32
INITIAL CONDITIONS
RTLTL: 27h 5m 12s
CCSL: B154B
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLTL 27h 5m 20s
0000 RTLTL 27h 5m 30s

↓ 2232 GYRO INIT

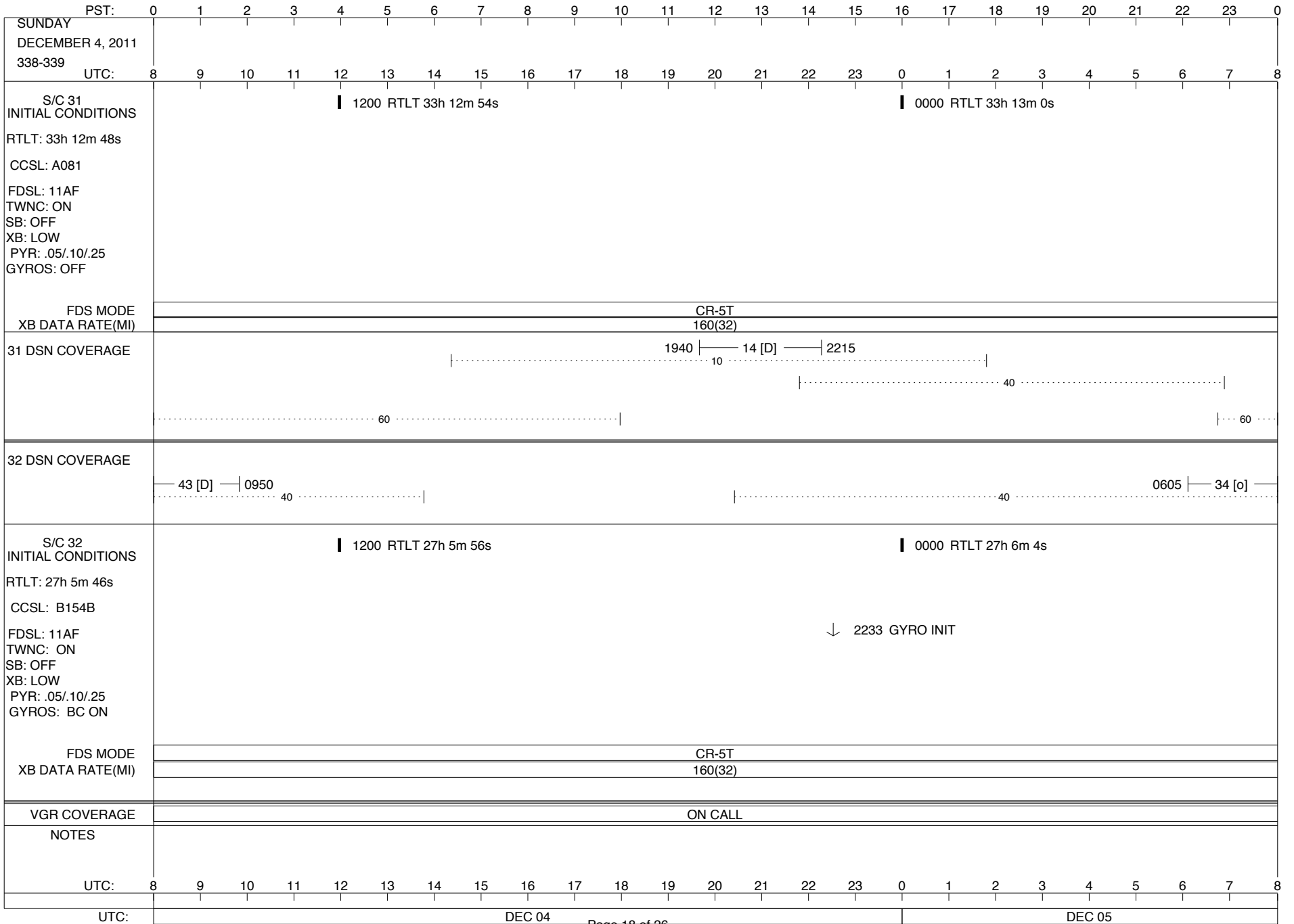
FDS MODE CR-5T
XB DATA RATE(MI) 160(32)

VGR COVERAGE ON CALL

NOTES [1] S/C 31=GS-4B @ 0654 XB=2.8K(41) NOT RECOVERABLE

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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 DECEMBER 3, 2011 337-338																										
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: 33h 12m 38s CCSL: A081 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					█ 1200																█ 0000					
0902 | | 0916 TAPPOS																										
FDS MODE XB DATA RATE(MI)																										
31 DSN COVERAGE																										
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS RTLTL: 27h 5m 30s CCSL: B154B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON					█ 1200																	█ 0000				
FDS MODE XB DATA RATE(MI)																										
VGR COVERAGE																										
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:	DEC 03													DEC 04												



ISSUE DATE: 11/29/11 08:33

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 DECEMBER 5, 2011 339-340																									
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: 33h 13m 0s CCSL: A081 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					█ 1200												█ 0000								
FDS MODE																									
XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 27h 6m 4s CCSL: B154B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON					█ 1200												█ 0000								
FDS MODE																									
XB DATA RATE(MI)																									
VGR COVERAGE																									
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:																									

ISSUE DATE: 11/29/11 08:33

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
DECEMBER 6, 2011
340-341 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: 33h 13m 10s
CCSL: A081
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 33h 13m 14s
0000 RTLT 33h 13m 20s

0030 | 0031 PWS/RH

TLC (SHORT-FORM)

↓ 0030 GS-4B 0031

FDS MODE	CR-5T	CR-5T
XB DATA RATE(MI)	160(32)	160(32)

31 DSN COVERAGE

32 DSN COVERAGE

S/C 32
INITIAL CONDITIONS
RTLT: 27h 6m 20s
CCSL: B154B
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: BC ON

1200 RTLT 27h 6m 30s
0000 RTLT 27h 6m 38s

↓ 2233 GYRO INIT

FDS MODE	CR-5T
XB DATA RATE(MI)	160(32)

VGR COVERAGE ON CALL

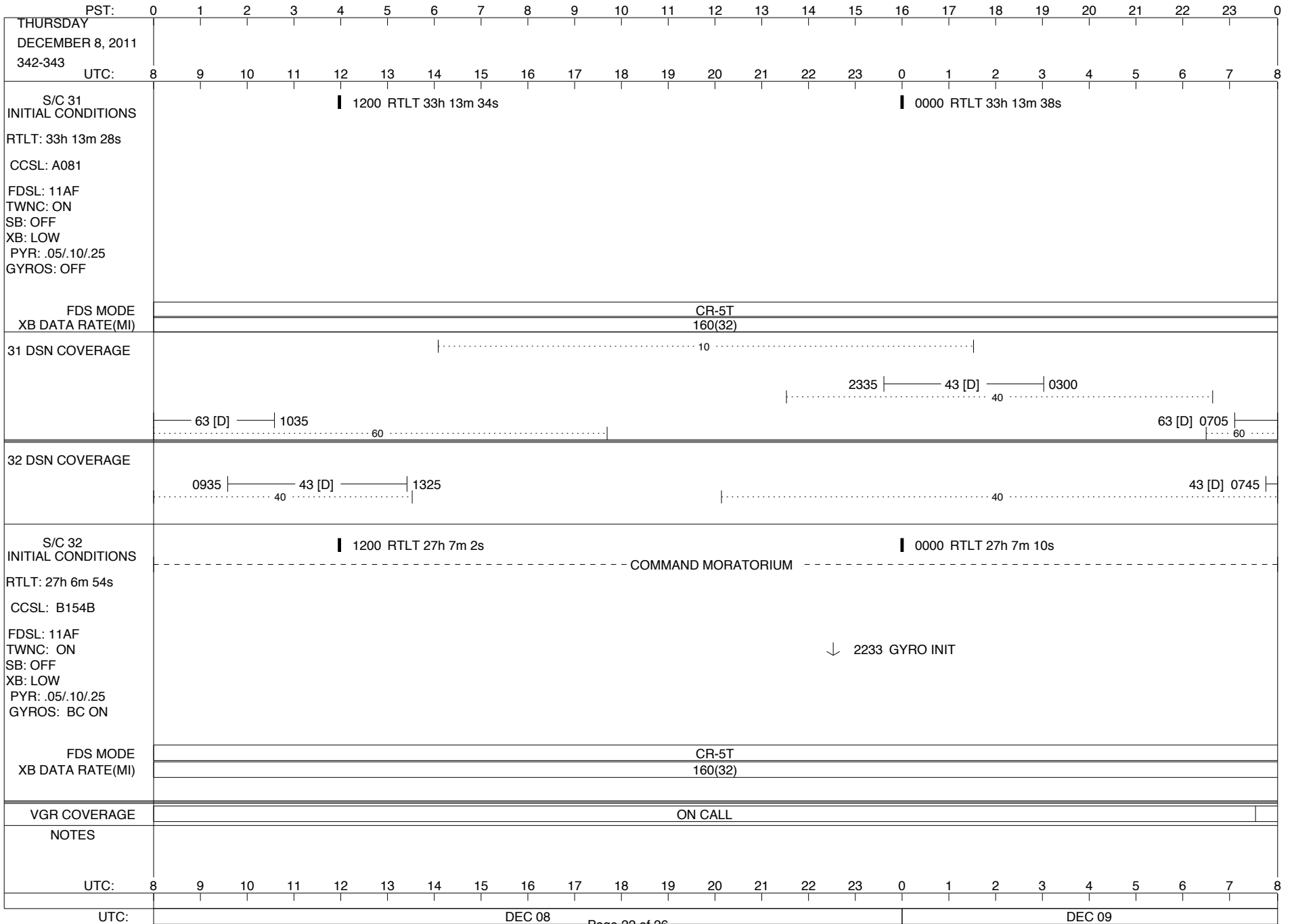
NOTES [1] S/C 31=GS-4B @ 0030 XB=2.8K(41) NOT RECOVERABLE

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

ISSUE DATE: 11/29/11 08:33

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 DECEMBER 7, 2011 341-342																																			
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: 33h 13m 20s CCSL: A081 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 33h 13m 24s 1610 |----- MAGCAL -----| 1925 1610 |----- PESCAL -----| 1942 ↓ 1951 BAY 1 HTR OFF ↓ 1955 X/B HI POWER 2020 | | 2040 AACS MRO 2040 | | 2056 CCS MRO 2056 | | 2109 CCS MRO ↓ 2123 X/B LOW POWER ↓ 2127 BAY 1 HTR ON 2005 EH-12 2108 ↓												0000 RTLTL 33h 13m 28s																						
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												EH-12				CR-5T 160(32)																		
31 DSN COVERAGE	1605 |----- 15 [DAR] -----| 2150 1925 |----- 14 [DA] -----| 2110 10 40 60 0635 |----- 63 [D] -----| ..... 60																																		
32 DSN COVERAGE	1040 |----- 43 [B] -----| 1425 40 40																																		
S/C 32 INITIAL CONDITIONS RTLTL: 27h 6m 38s CCSL: B154B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: BC ON	1200 RTLTL 27h 6m 46s ▼ 1257 DUMMY (5 MIN BRACKETED 16:04)												0000 RTLTL 27h 6m 54s 2129 |----- COMMAND MORATORIUM -----|																						
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																																		
VGR COVERAGE	ON CALL							VGR							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:	DEC 07														DEC 08																				

ISSUE DATE: 11/29/11 08:33



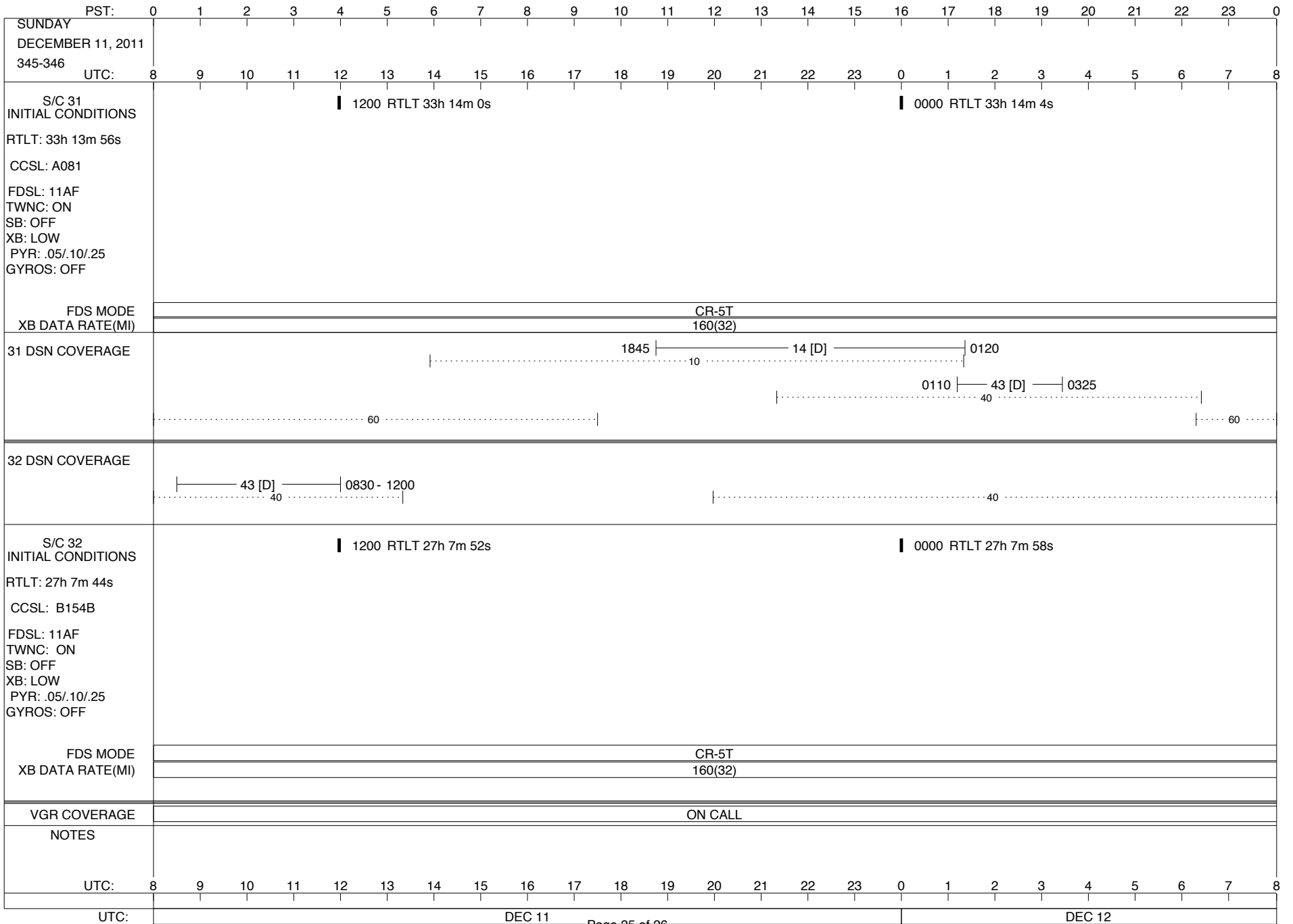
ISSUE DATE: 11/29/11 08:33

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 DECEMBER 9, 2011 343-344																													
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: 33h 13m 38s CCSL: A081 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLTL 33h 13m 42s												0000 RTLTL 33h 13m 48s															
FDS MODE		CR-5T												CR-5T															
XB DATA RATE(MI)		160(32)												160(32)															
31 DSN COVERAGE		<p>63 [D] | 0905 60 ..... |</p> <p>..... 10 ..... |</p> <p>..... 40 ..... |</p> <p>..... 60 ..... |</p>																											
32 DSN COVERAGE		<p>43 [D] 1145 ..... |</p> <p>..... 40 ..... |</p> <p>..... 2330 43 [D] 0500 ..... |</p> <p>..... 40 ..... |</p>																											
S/C 32 INITIAL CONDITIONS RTLTL: 27h 7m 10s CCSL: B154B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON		1200 RTLTL 27h 7m 20s												0000 RTLTL 27h 7m 28s															
FDS MODE		EL-40												CR-5T															
XB DATA RATE(MI)		40(30)												160(32)															
VGR COVERAGE		VGR												ON CALL															
NOTES		<p>[1] S/C 31=GS-4B @ 0631 XB=2.8K(41) NOT RECOVERABLE</p> <p>[2] S/C 32=EL-40 @ 0801 XB=40(30)</p>																											
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:		DEC 09												DEC 10															

ISSUE DATE: 11/29/11 08:33

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 DECEMBER 10, 2011 344-345																									
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: 33h 13m 48s CCSL: A081 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLTL 33h 13m 52s												█ 0000 RTLTL 33h 13m 56s												
FDS MODE												CR-5T													
XB DATA RATE(MI)												160(32)													
31 DSN COVERAGE	..... 60 .....												..... 40											
..... 60 .....												..... 60												
32 DSN COVERAGE	..... 40 .....												..... 40											
S/C 32 INITIAL CONDITIONS RTLTL: 27h 7m 28s CCSL: B154B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLTL 27h 7m 36s												█ 0000 RTLTL 27h 7m 44s												
FDS MODE												CR-5T													
XB DATA RATE(MI)												160(32)													
VGR COVERAGE	ON CALL												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:	DEC 10												DEC 11												

ISSUE DATE: 11/29/11 08:33



ISSUE DATE: 11/29/11 08:33

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 DECEMBER 12, 2011 346-347																											
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: 33h 14m 4s CCSL: A081 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 33h 14m 10s</p> </div>																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<div style="text-align: center;"> <p>60</p> </div>																										
32 DSN COVERAGE	<div style="text-align: center;"> <p>1015 | 43 [D] | 1335 40</p> </div>																										
S/C 32 INITIAL CONDITIONS RTLT: 27h 7m 58s CCSL: B154B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 27h 8m 6s</p> </div>																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														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:	DEC 12													DEC 13													