

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: November 13, 2013

For the Period: 11/14/13 to 12/02/20 (13-318 – 13-336)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

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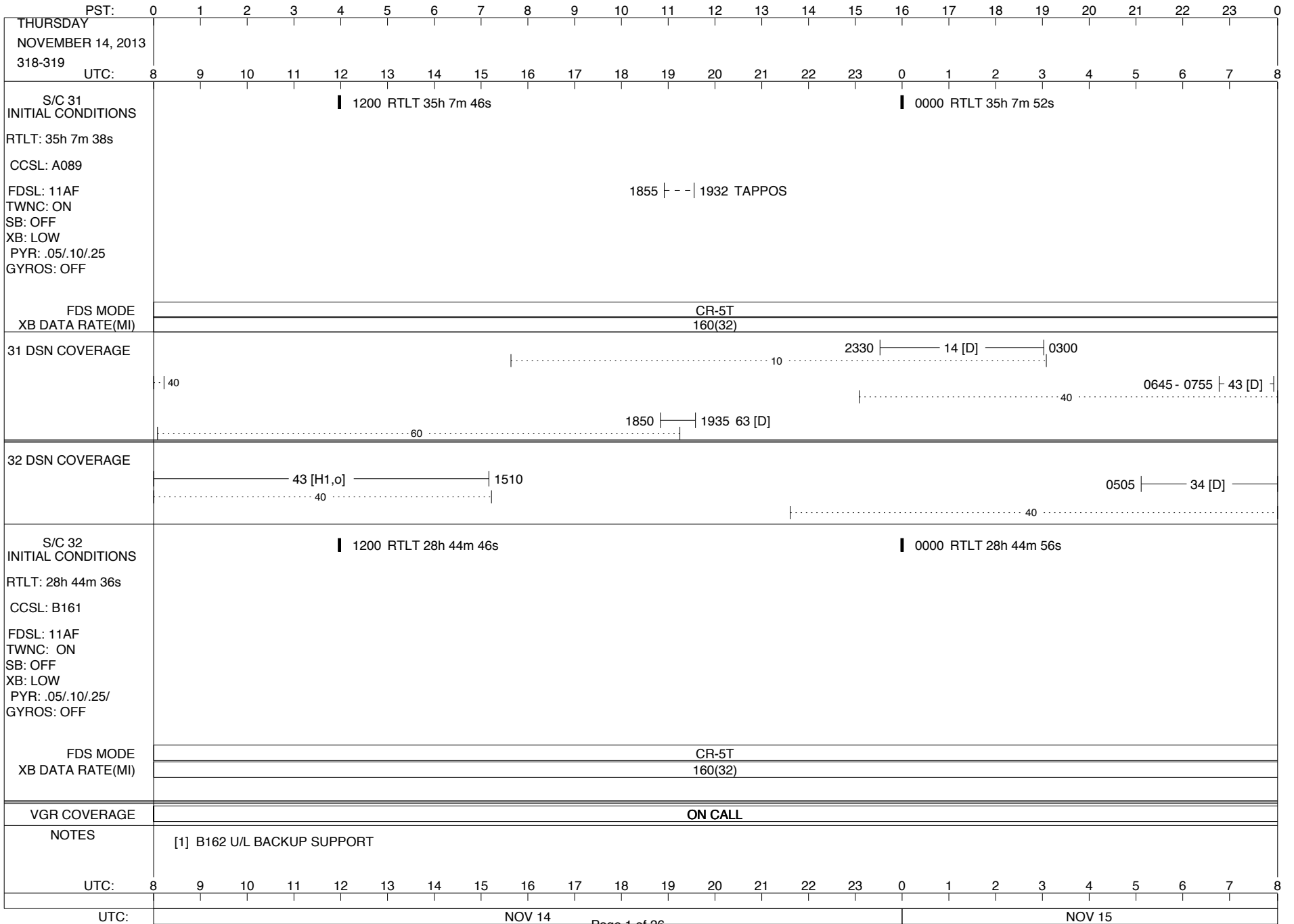
FLIGHT TEAM (14) 600-100

Dodd, S.
 Hall, J.
 Howard, S. (3)
 Ludwig, R. (2)
 Matsumoto, S.
 Medina
 Peralta, F.
 Weeks, T.
 Wong, R.
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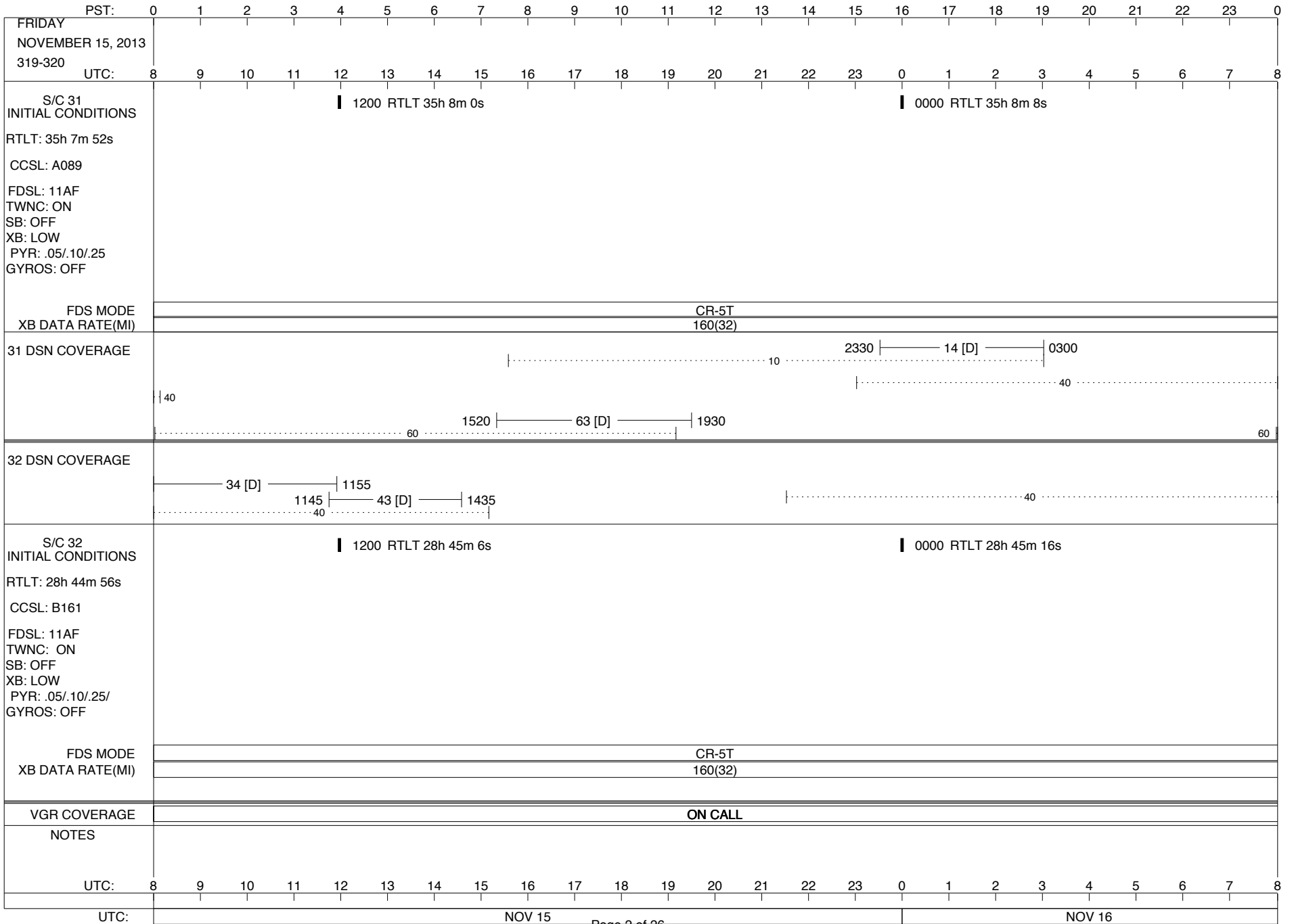
LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink only pass
 [o] = Ramp-through

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

ISSUE DATE: 11/14/13 20:42



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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
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S/C 31 INITIAL CONDITIONS RTLTL: 35h 8m 8s CCSL: A089 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 35h 8m 16s												0000 RTLTL 35h 8m 22s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	1625 ----- 14 [D] ----- 2030 ----- 10 -----												40 ----- 40 -----												
	1105 ----- 63 [D] ----- 1645 ----- 60 -----												60 -----												
32 DSN COVERAGE	1105 ----- 43 [D] ----- 1505 ----- 40 -----												0240 ----- 43 [H] ----- ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 45m 16s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 28h 45m 26s												0000 RTLTL 28h 45m 36s												
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 16												Page 3 of 26						NOV 17						

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			
SUNDAY NOVEMBER 17, 2013 321-322																													
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S/C 31 INITIAL CONDITIONS RTLTL: 35h 8m 22s CCSL: A089 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLTL 35h 8m 30s 1044 AACS MRO 1232 1232 - FDS MRO - - 1456 1310 DUMMY (00:19) 1319 EL-40 (00:27) 1340 RE-ENA BL X-LO - ECR 112872 1348 TLMPRG (00:57) 1409 SID MRO'S (01:18) 1456 - - - - - 1613 CCSA MRO 1612 - - - - - 1729 CCSB MRO 1029 1732														0000 RTLTL 35h 8m 36s													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)				EL-40 40(30)				CR-5T 160(32)																			
31 DSN COVERAGE		0930 ----- 63 ----- 1925 40 ----- 60 ----- 10 ----- 40 ----- 60																											
32 DSN COVERAGE		43 [H] ----- 1500 40 ----- 40																											
S/C 32 INITIAL CONDITIONS RTLTL: 28h 45m 36s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF		1200 RTLTL 28h 45m 46s														0000 RTLTL 28h 45m 56s													
FDS MODE XB DATA RATE(MI)																CR-5T 160(32)													
VGR COVERAGE		ON CALL				VGR										ON CALL													
NOTES		[1] S/C 31=EL-40 @ 1029 XB=40(30) [2] S/C 31=CR-5T @ 1732 XB=160(32)																											
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			
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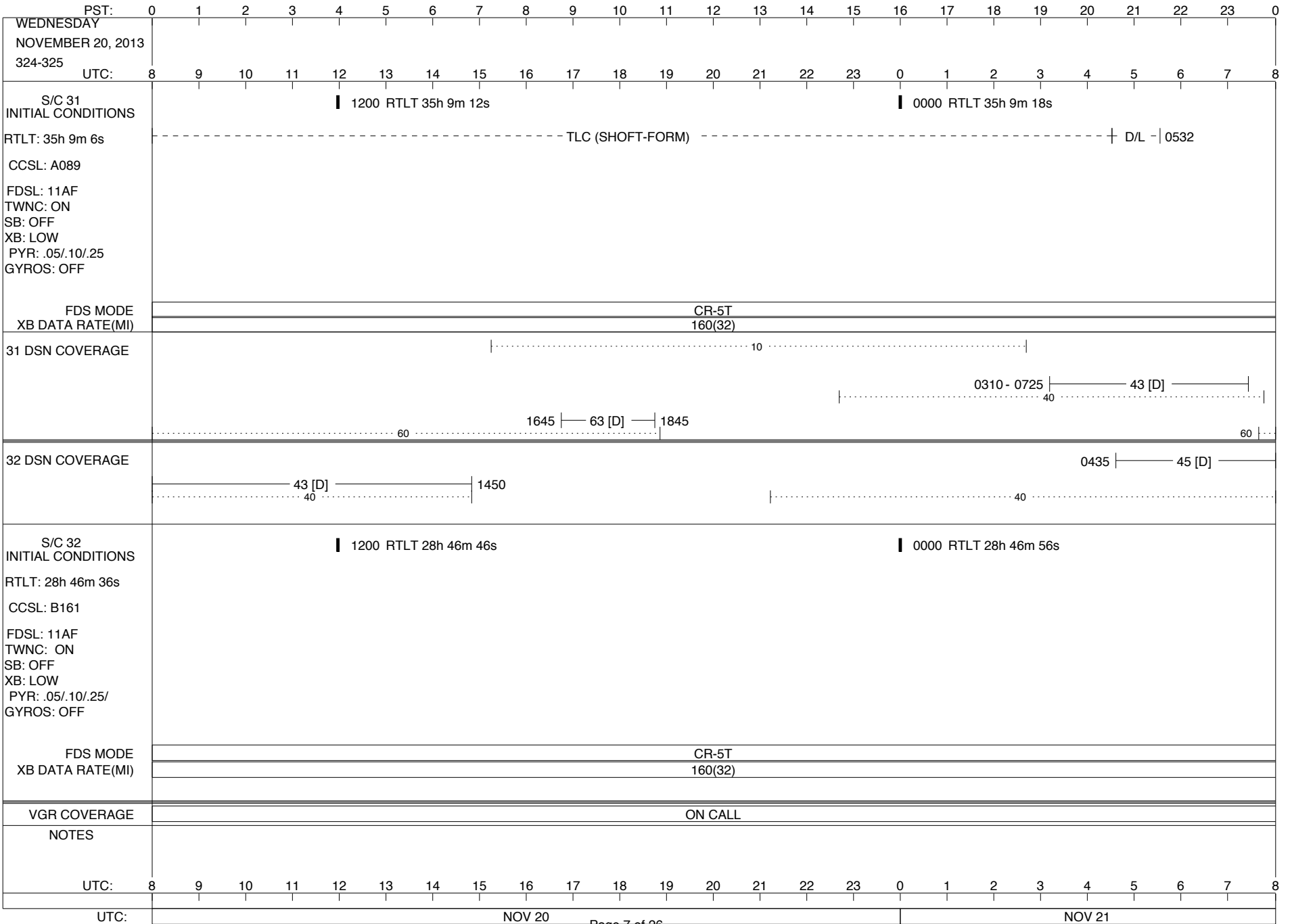
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MONDAY NOVEMBER 18, 2013 322-323																												
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S/C 31 INITIAL CONDITIONS RTLT: 35h 8m 36s CCSL: A089 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 8m 44s														0000 RTLT 35h 8m 52s													
FDS MODE	CR-5T														EL-40		CR-5T											
XB DATA RATE(MI)	160(32)														40(30)		160(32)											
31 DSN COVERAGE60.....														2335 ----- 14 [D] ----- 0245	40.....											
32 DSN COVERAGE	0930 ----- 43 [D] ----- 1455													40.....													
S/C 32 INITIAL CONDITIONS RTLT: 28h 45m 56s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 46m 6s														0000 RTLT 28h 46m 16s													
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)				EL-40				160(32)																			
VGR COVERAGE	ON CALL				VGR				ON CALL				VGR				ON CALL											
NOTES	[1] S/C 31=EL-40 @ 0029 XB=40(30) [2] S/C 31=CR-5T @ 0123 XB=160(32)																											
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 18														NOV 19													

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TUESDAY NOVEMBER 19, 2013 323-324	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: 35h 8m 52s CCSL: A089 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 8m 58s					0000 RTLT 35h 9m 6s																				
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)											CR-5T 160(32)														
31 DSN COVERAGE	2215 ----- 14 [D] ----- 0240										0129 0130 PWS/RH ↓ 0128 GS-4B 0129															
32 DSN COVERAGE	0935 ----- 43 [D] ----- 1450										1630 ----- 63 [T1] ----- 1915															
S/C 32 INITIAL CONDITIONS RTLT: 28h 46m 16s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 46m 26s					0000 RTLT 28h 46m 36s																				
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)											CR-5T 160(32)														
VGR COVERAGE	ON CALL																									
NOTES	[1] BACKUP TLMPRG U/L TRACK [2] S/C 31=GS-4B @ 0128 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	9	
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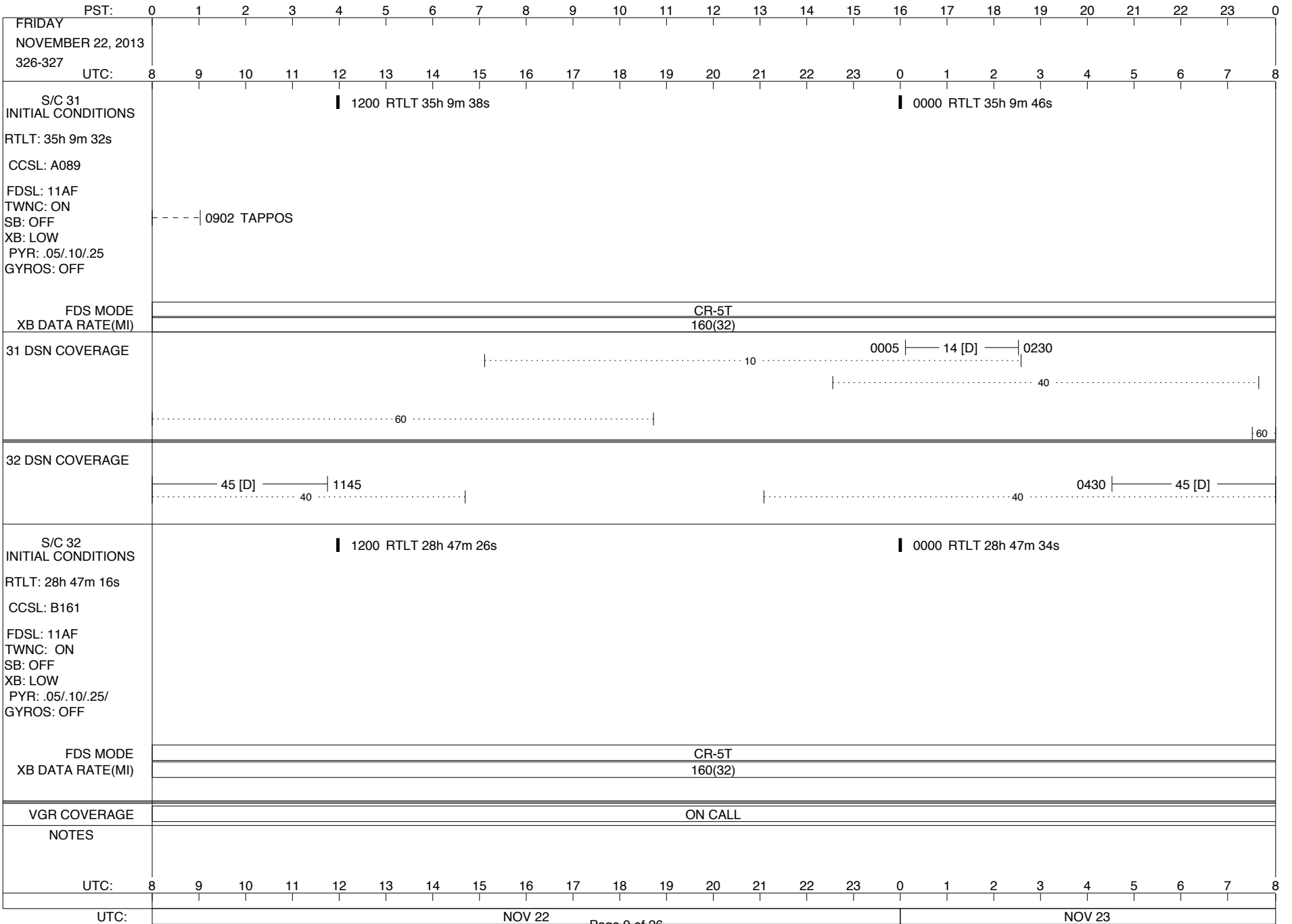
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ISSUE DATE: 11/14/13 20:42

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THURSDAY NOVEMBER 21, 2013 325-326																										
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S/C 31 INITIAL CONDITIONS	1200 RTLT 35h 9m 26s												0000 RTLT 35h 9m 32s													
RTLT: 35h 9m 18s																										
CCSL: A089																						0440 TAPPOS 0602				
FDSL: 11AF																						PWS/RH 0742 - 0743				
TWNC: ON																						TAPPOS 0754				
SB: OFF																										
XB: LOW																										
PYR: .05/.10/.25																										
GYROS: OFF																										
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	<p>.....10.....2330 -----14 [D]----- 0230</p> <p>.....40.....</p> <p>.....1530 -----63 [D]----- 1910</p> <p>.....60.....</p>																									
32 DSN COVERAGE	<p>---45 [D]--- 0935</p> <p>1000 -----43 [D]----- 1445</p> <p>.....40.....</p> <p>.....40.....0430 -----45 [D]-----</p>																									
S/C 32 INITIAL CONDITIONS	1200 RTLT 28h 47m 6s												0000 RTLT 28h 47m 16s													
RTLT: 28h 46m 56s																										
CCSL: B161																										
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																									
NOTES	[1] S/C 31=GS-4B @ 0742 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	
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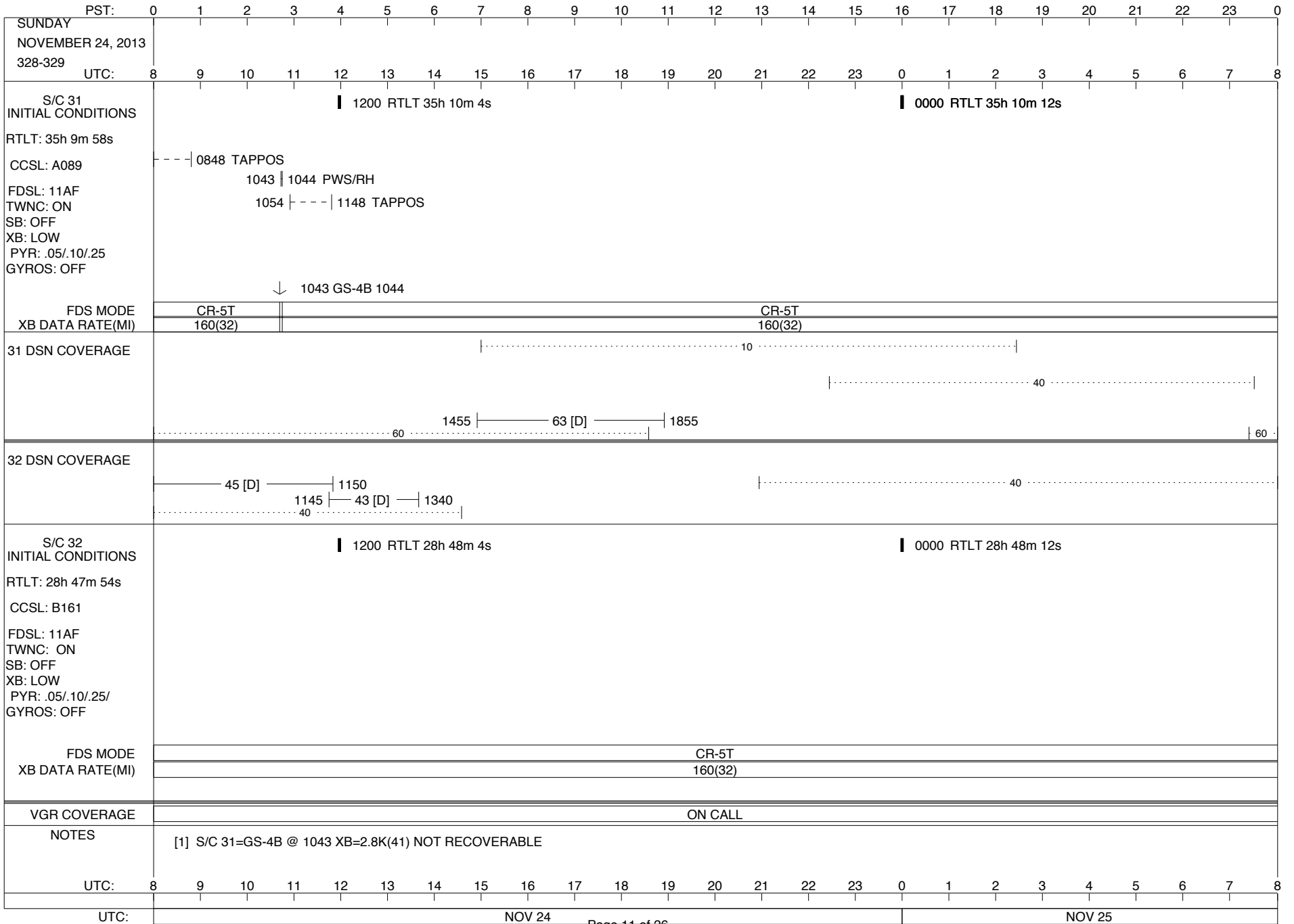
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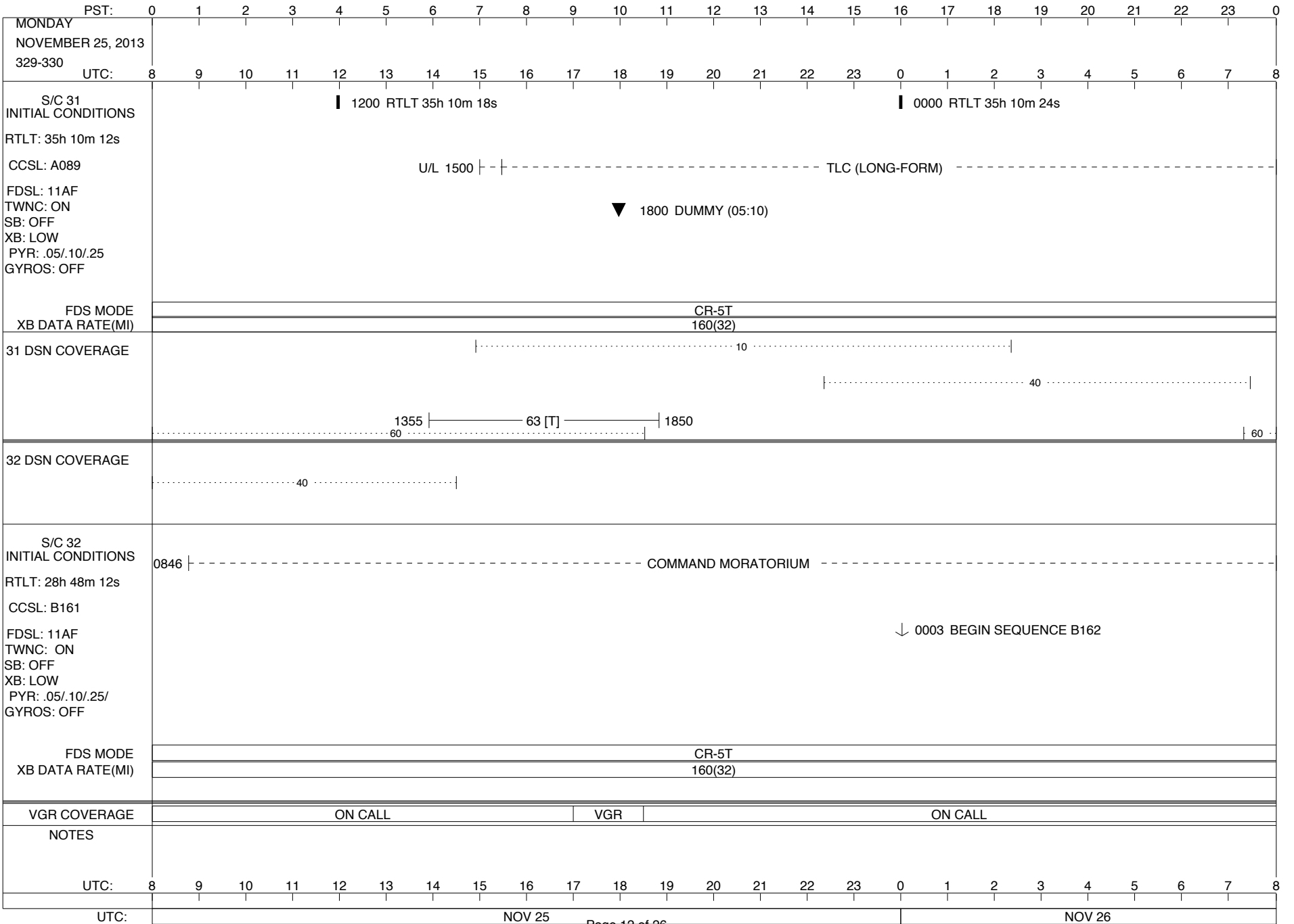
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SATURDAY NOVEMBER 23, 2013 327-328																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 35h 9m 46s CCSL: A089 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 35h 9m 52s												█ 0000 RTLT 35h 9m 58s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	0950 -----63 [D]----- 1900												2330 -----14 [D]----- 0225												
	-----60-----												-----40-----												
32 DSN COVERAGE	0830 45 [D] 1200 -----43 [D]----- 1435												45 [D] 0710 -----												
	-----40-----												-----40-----												
S/C 32 INITIAL CONDITIONS RTLT: 28h 47m 34s CCSL: B161 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLT 28h 47m 44s												█ 0000 RTLT 28h 47m 54s												
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:	NOV 23												NOV 24												

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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 26, 2013 330-331	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: 35h 10m 24s CCSL: A089 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 10m 30s												0000 RTLT 35h 10m 36s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	1450 ----- 63 [D] ----- 1850												0105 0106 PWS/RH												
32 DSN COVERAGE	0930 ----- 43 [D] ----- 1420												0105 GS-4B 0106												
S/C 32 INITIAL CONDITIONS RTLT: 28h 48m 12s CCSL: B162 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 48m 42s												0000 RTLT 28h 48m 50s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												COMMAND MORATORIUM												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0105 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 26												NOV 27												

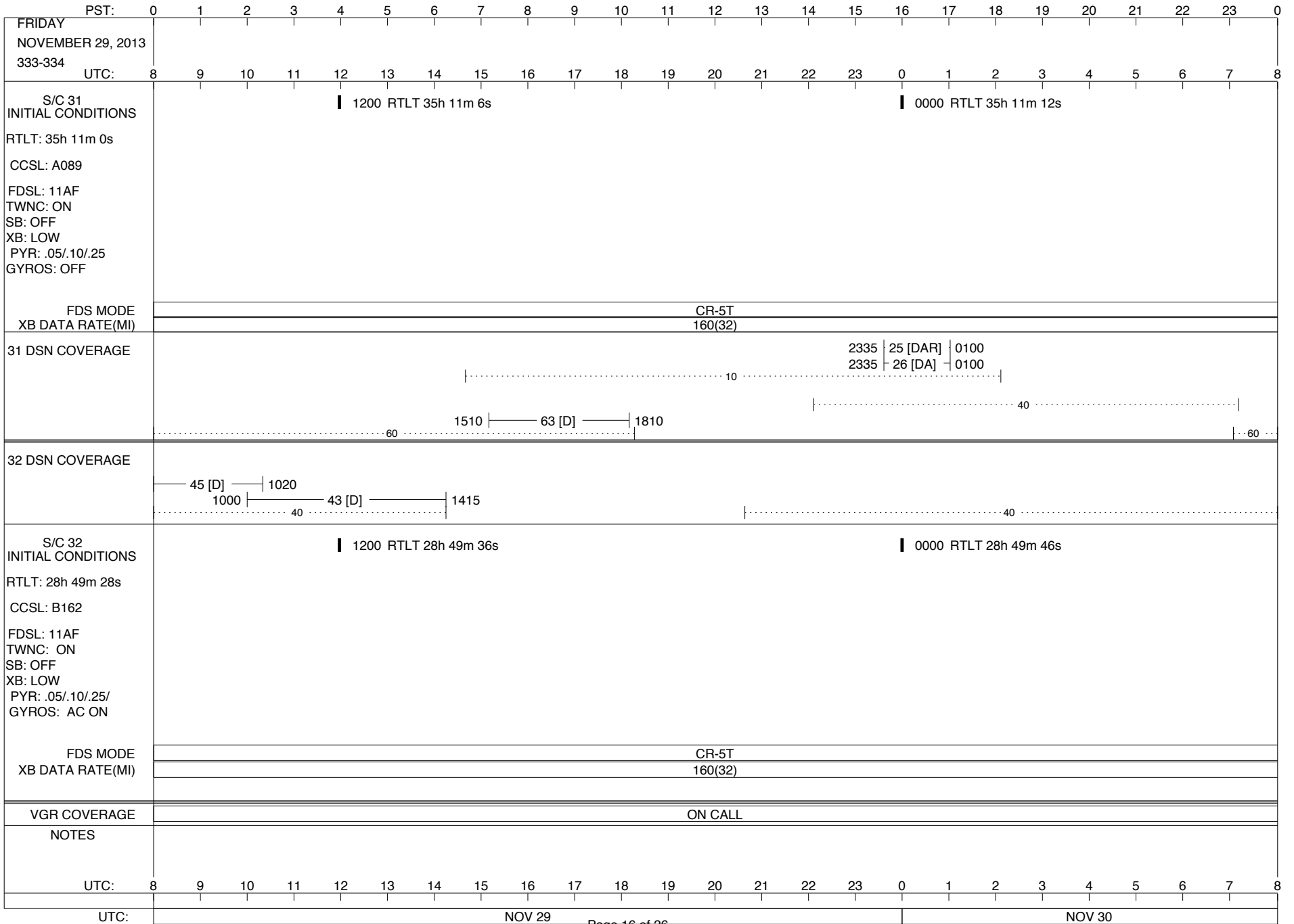
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WEDNESDAY NOVEMBER 27, 2013 331-332																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLT: 35h 10m 36s CCSL: A089 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 35h 10m 42s													█ 0000 RTLT 35h 10m 48s												
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	1645 63 [D] 1845 60													2155 24 [DA] 2355 2155 26 [DAR] 2355 2335 14 [D] 0210 40 0600 43 [D] 0705 60												
32 DSN COVERAGE	1000 45 [D] 1105 1045 43 [D] 1420 40 40												
S/C 32 INITIAL CONDITIONS RTLT: 28h 48m 50s CCSL: B162 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: AC ON	█ 1200 RTLT 28h 49m 0s													█ 0000 RTLT 28h 49m 8s												
	- 0827 COMMAND MORATORIUM																									
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	
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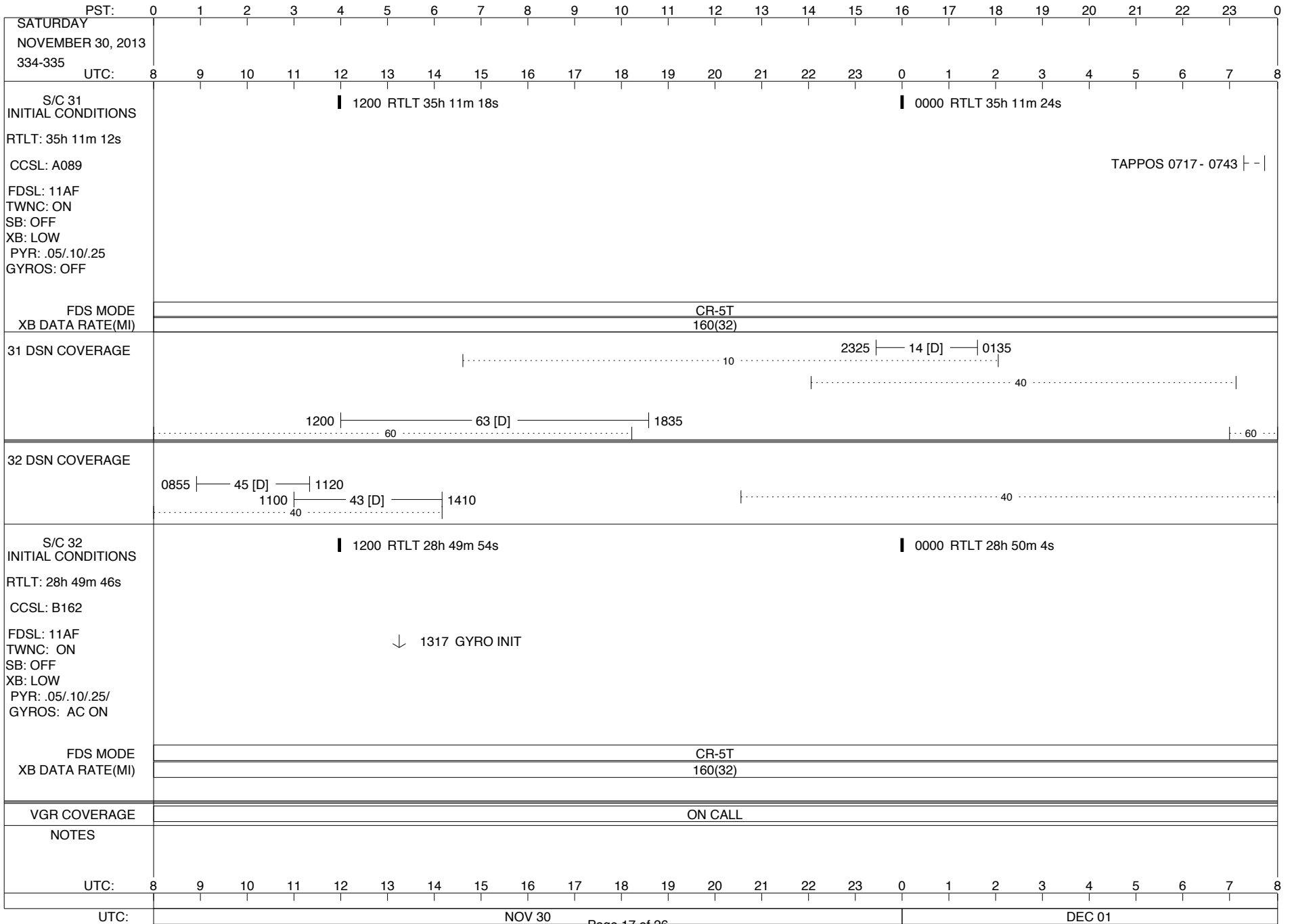
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THURSDAY NOVEMBER 28, 2013 332-333																												
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S/C 31 INITIAL CONDITIONS RTLTL: 35h 10m 48s CCSL: A089 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 35h 10m 54s														█ 0000 RTLTL 35h 11m 0s													
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 49m 8s CCSL: B162 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: AC ON	█ 1200 RTLTL 28h 49m 18s														█ 0000 RTLTL 28h 49m 28s													
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
VGR COVERAGE	ON CALL																											
NOTES	<p>[1] S/C 31=GS-4B @ 0719 XB=2.8K(41) NOT RECOVERABLE JPL HOLIDAY!</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:	NOV 28														NOV 29													

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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
SUNDAY DECEMBER 1, 2013 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 RTLTL: 35h 11m 24s CCSL: A089 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 35h 11m 28s												█ 0000 RTLTL 35h 11m 34s												
	1019 1020 PWS/RH												1031 1043 TAPPOS												
	↓ 1019 GS-4B 1020																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE 60 1525 ----- 63 [D] ----- 1805												2100 ----- 14 [D] ----- 0155 40												
32 DSN COVERAGE	0905 ----- 43 [D] ----- 1405											 40 45 [D] 0750												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 50m 4s CCSL: B162 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: AC ON	█ 1200 RTLTL 28h 50m 12s												█ 0000 RTLTL 28h 50m 20s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1019 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:	DEC 01												DEC 02												

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