

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: November 13, 2012

For the Period: 11/15/12 to 12/03/12 (12-320 – 12-338)

DSN OPSCHIEF (1) 230-102

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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 = 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: 11/20/12 23:09

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
THURSDAY NOVEMBER 15, 2012 320-321																									
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 8m 26s CCSL: A085 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON					█ 1200																█ 0000				
FDS MODE																									
XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLTL: 27h 52m 28s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF					█ 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: 11/20/12 23:09

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
FRIDAY NOVEMBER 16, 2012 321-322																									
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	1200 RTLT 34h 8m 50s												0000 RTLT 34h 8m 56s												
RTLT: 34h 8m 42s	----- TLC (SHORT-FORM) -----																								
CCSL: A085																						0444 --- 0538 TAPPOS			
FDSL: 11AF																									
TWNC: ON																									
SB: OFF																									
XB: LOW																									
PYR: .05/.10/.25																									
GYROS: BC ON																									
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	----- 10												-----												
	40												----- 40												
	1530 ----- 63 [D] ----- 1925												63 [D] 0755												
	60												60												
32 DSN COVERAGE	0920 ----- 45 [D] ----- 1320												----- 40												
	40																								
S/C 32 INITIAL CONDITIONS	1200 RTLT 27h 53m 0s												0000 RTLT 27h 53m 10s												
RTLT: 27h 52m 50s																									
CCSL: B157																									
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
NOTES	[1] S/C 31=GS-4B @ 0746 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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SUNDAY NOVEMBER 18, 2012 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 RTLTL: 34h 9m 10s CCSL: A085 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 34h 9m 18s												0000 RTLT 34h 9m 24s												
	0807 - 0808 AACS MRO 0809 AAI LECP OBS -- 0819 - 1055 1107 RAI 1117 1118 AACS MRO 1119 GYRO FAULT TEST																								
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	63 [D] 1150 60												10 40 63 [D] 0745 60												
32 DSN COVERAGE	0915 34 [D] 1315 40												0030 34 [D] 0430 40												
S/C 32 INITIAL CONDITIONS RTLTL: 27h 53m 30s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 27h 53m 40s												0000 RTLT 27h 53m 50s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	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 18												NOV 19												

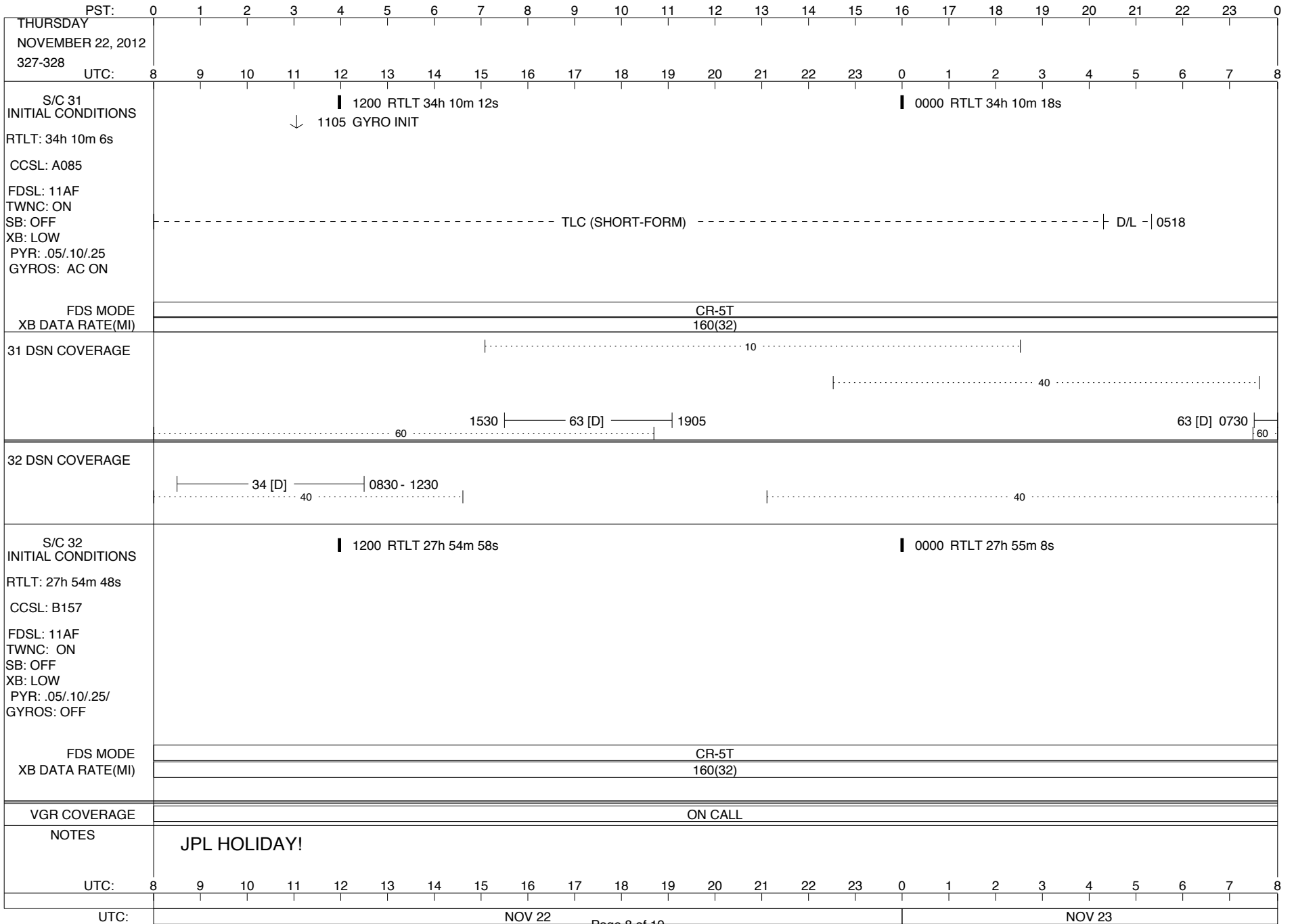
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MONDAY NOVEMBER 19, 2012 324-325																										
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S/C 31 INITIAL CONDITIONS	1200 RTLT 34h 9m 32s												0000 RTLT 34h 9m 38s													
RTLT: 34h 9m 24s																										
CCSL: A085	0803 - 0804 AACS MRO												AACS MRO 0747 - 0748													
	0805 AAI												AAI 0749													
FDSL: 11AF	LECP OBS												0815 - 1051													
TWNC: ON													1103 RAI													
SB: OFF													1118 1119 AACS MRO													
XB: LOW													1120 GYRO FAULT TEST													
PYR: .05/.10/.25																										
GYROS: BC ON																										
	0803																									
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> 63 [D] 1145 60 10 40 63 [D] 0740 60 </div>																									
32 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> 40 40 0425 - 0740 34 [D] </div>																									
S/C 32 INITIAL CONDITIONS	1200 RTLT 27h 54m 0s												0000 RTLT 27h 54m 10s													
RTLT: 27h 53m 50s																										
CCSL: B157																										
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	VGR												ON CALL												VGR	
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 19																NOV 20									

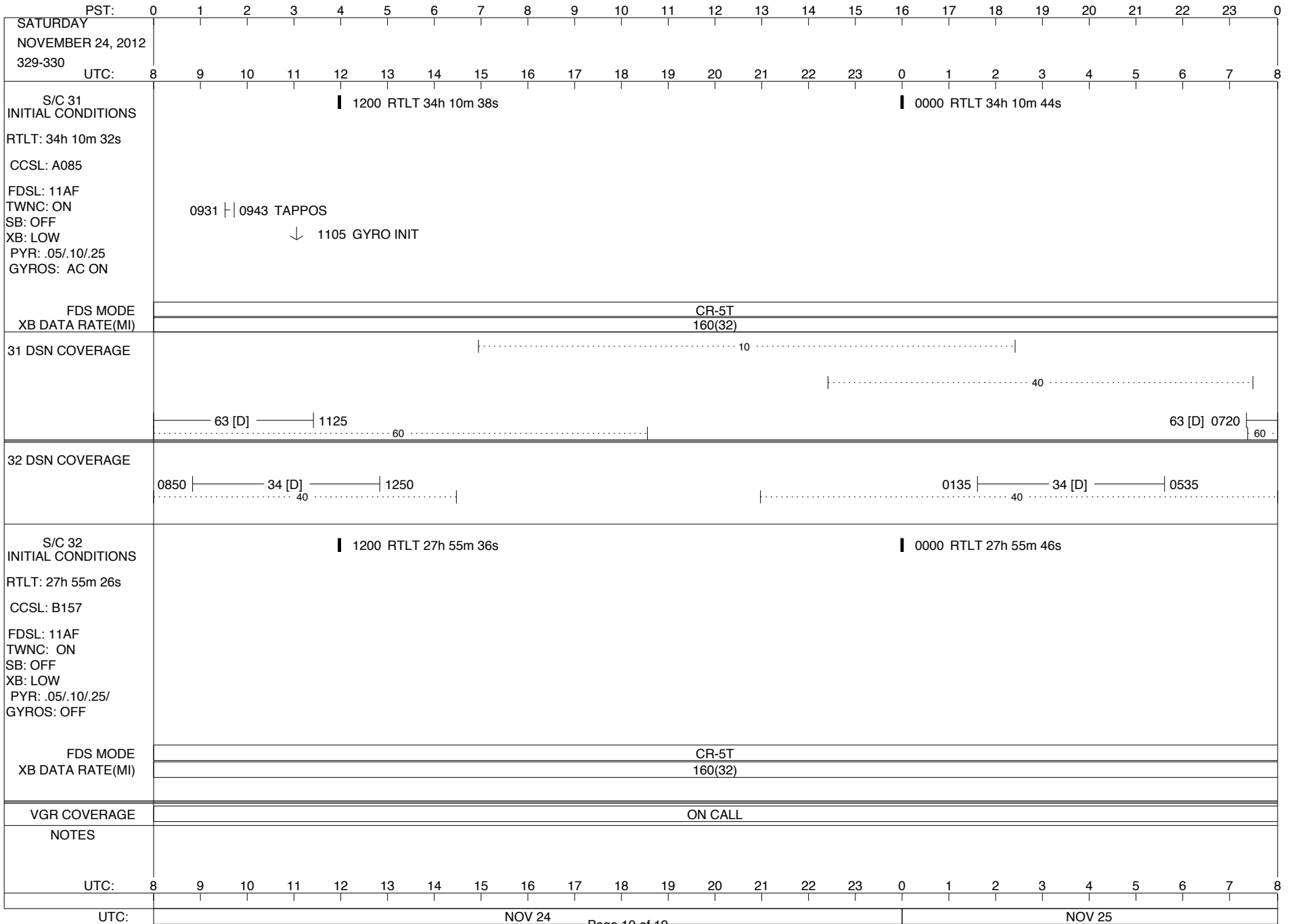
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TUESDAY NOVEMBER 20, 2012 325-326																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS	1200 RTLT 34h 9m 46s													0000 RTLT 34h 9m 52s												
RTLT: 34h 9m 38s CCSL: A085 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	LECP OBS -- 1035 ↓ 1047 RAI ↓ 1104 GYRO SWAP AC ON ↓ 1114 GYRO FAULT TEST													0123 0124 PWS/RH ↓ 0123 GS-4B 0123												
FDS MODE	CR-5T													CR-5T												
XB DATA RATE(MI)	160(32)													160(32)												
31 DSN COVERAGE10.....												40.....												
	63 [D] 114060.....												60 												
32 DSN COVERAGE40.....												40.....												
S/C 32 INITIAL CONDITIONS	1200 RTLT 27h 54m 20s													0000 RTLT 27h 54m 28s												
RTLT: 27h 54m 10s CCSL: B157 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	VGR													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0123 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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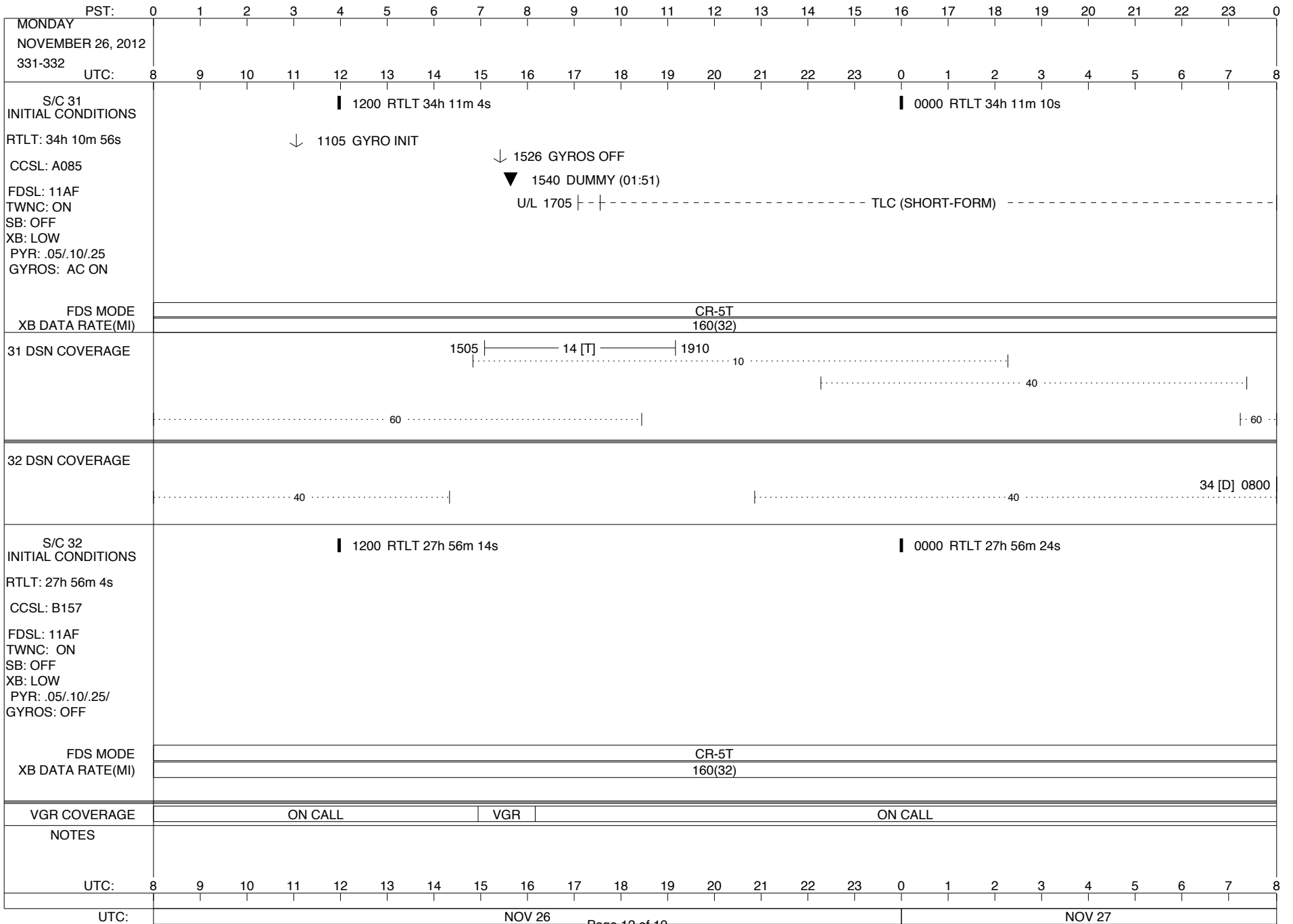
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ISSUE DATE: 11/20/12 23:09

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SUNDAY NOVEMBER 25, 2012 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	█ 1200 RTLT 34h 10m 50s												█ 0000 RTLT 34h 10m 56s													
RTLT: 34h 10m 44s CCSL: A085 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON																										
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	1455 ----- 14 [D] ----- 1855												-----10----- -----40-----													
	-63 [D] - 0935												-----60----- -----60-----													
32 DSN COVERAGE	-----40-----												-----0315- 0715 ----- 34 [D] -----													
													-----40-----													
S/C 32 INITIAL CONDITIONS	█ 1200 RTLT 27h 55m 56s												█ 0000 RTLT 27h 56m 4s													
RTLT: 27h 55m 46s CCSL: B157 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																										
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												

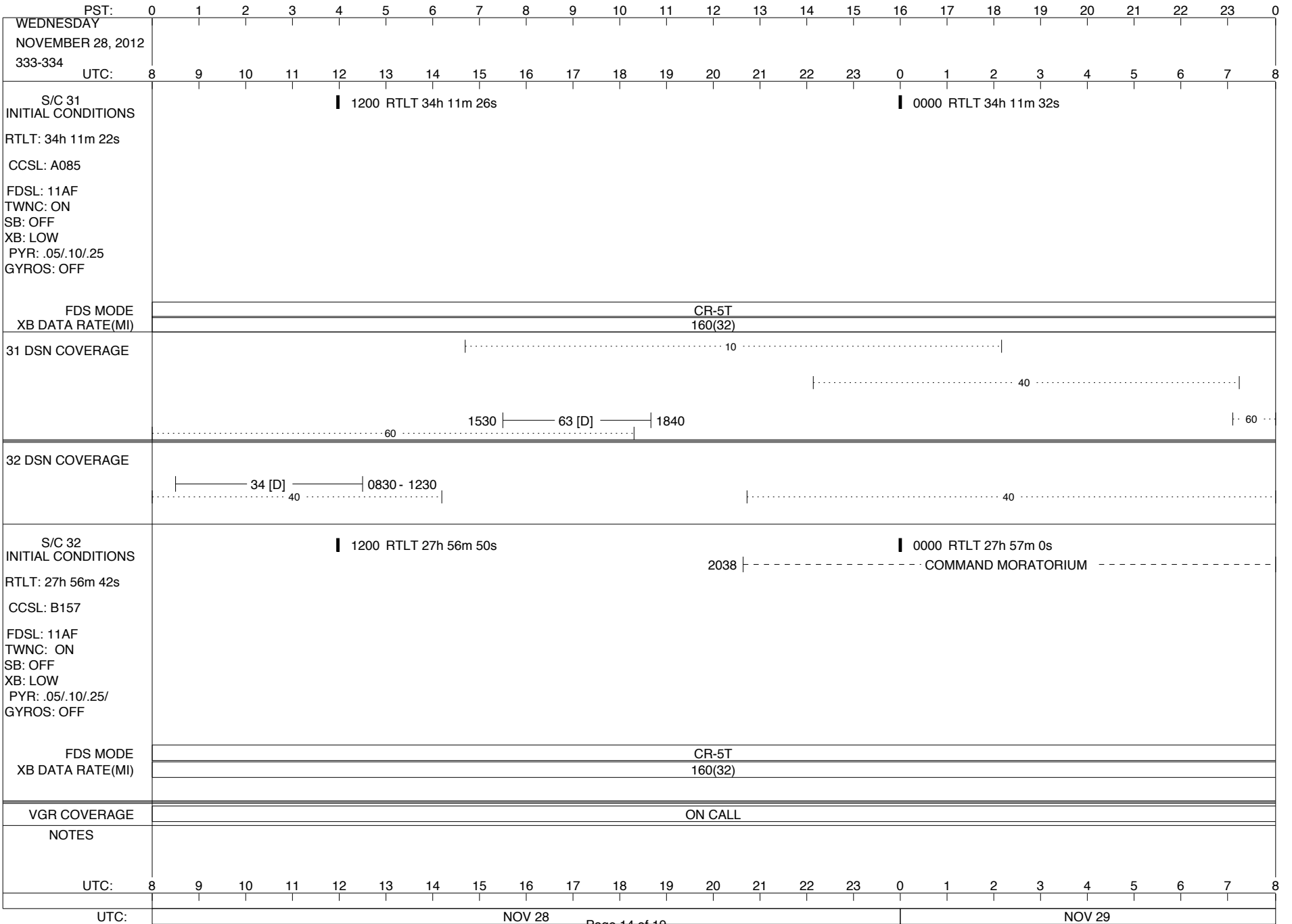
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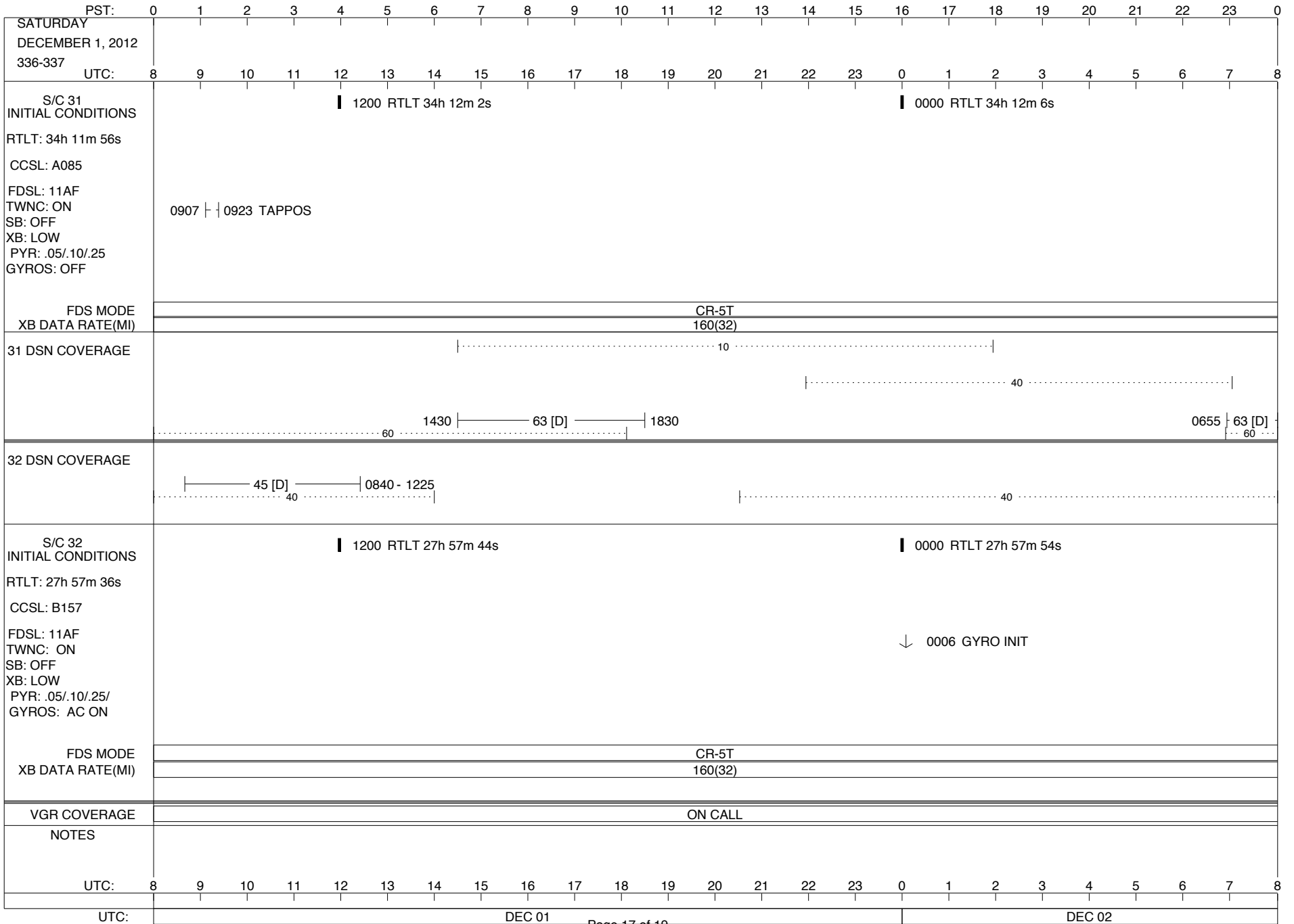
ISSUE DATE: 11/20/12 23:09

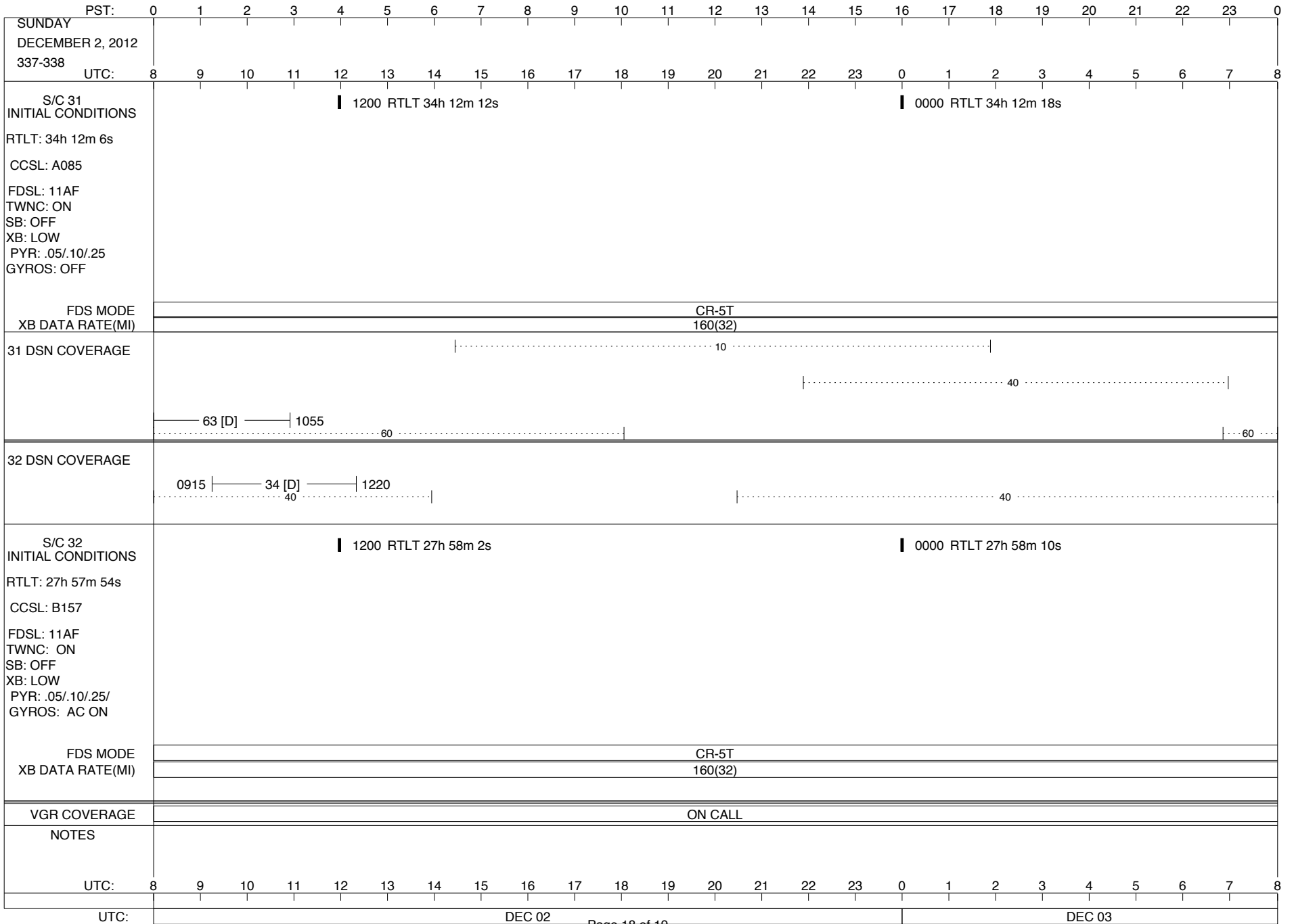
PST:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
TUESDAY NOVEMBER 27, 2012 332-333																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLTL: 34h 11m 10s CCSL: A085 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 34h 11m 16s												█ 0000 RTLTL 34h 11m 22s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1645 ——— 24 [DA] ——— 2045 1645 ——— 26 [DAR] ——— 204510.....40.....60.....40.....60.....												
32 DSN COVERAGE	34 [D] ——— 0800 - 124040.....40.....												
S/C 32 INITIAL CONDITIONS RTLTL: 27h 56m 24s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLTL 27h 56m 32s												█ 0000 RTLTL 27h 56m 42s												
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 @ 0059 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 27												NOV 28												

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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
MONDAY DECEMBER 3, 2012 338-339																									
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 12m 18s CCSL: A085 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 34h 12m 22s																								
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	<div style="text-align: center;"> 60 1530 ----- 63 [D] ----- 1820 </div>																								
32 DSN COVERAGE	<div style="text-align: center;"> 40 ----- 45 [D] ----- 0815 - 1215 </div>																								
S/C 32 INITIAL CONDITIONS RTLT: 27h 58m 10s CCSL: B157 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: AC ON	█ 1200 RTLT 27h 58m 20s																								
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 03												DEC 04												