

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: December 3, 2008

For the Period: 12/04/08 to 12/22/08 (08-339- 08-357)

DSN OPSCHIEF (1) 230-102

SCIENCE

FLIGHT TEAM (15) 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@jhuapl.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

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

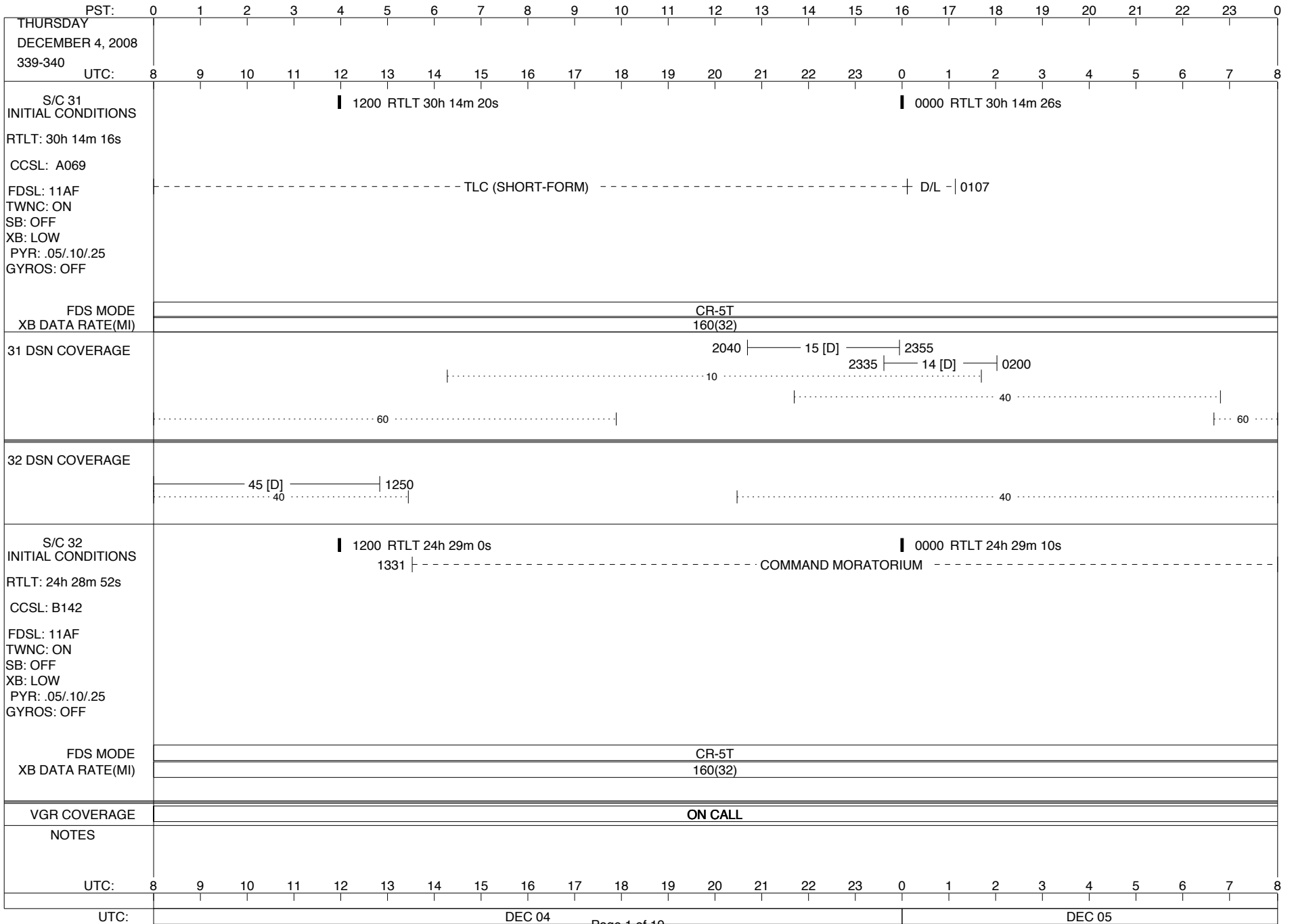
OTHER

* KMassey@jgld.gdscc.nasa.gov
 * Belinda.Arroyo@jpl.nasa.gov
 * Peter.T.Poon@jpl.nasa.gov
 * DSN-MPSETA@jjpl.jpl.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
 (17 – Dist/N: Paper Copies)
 02/21/08

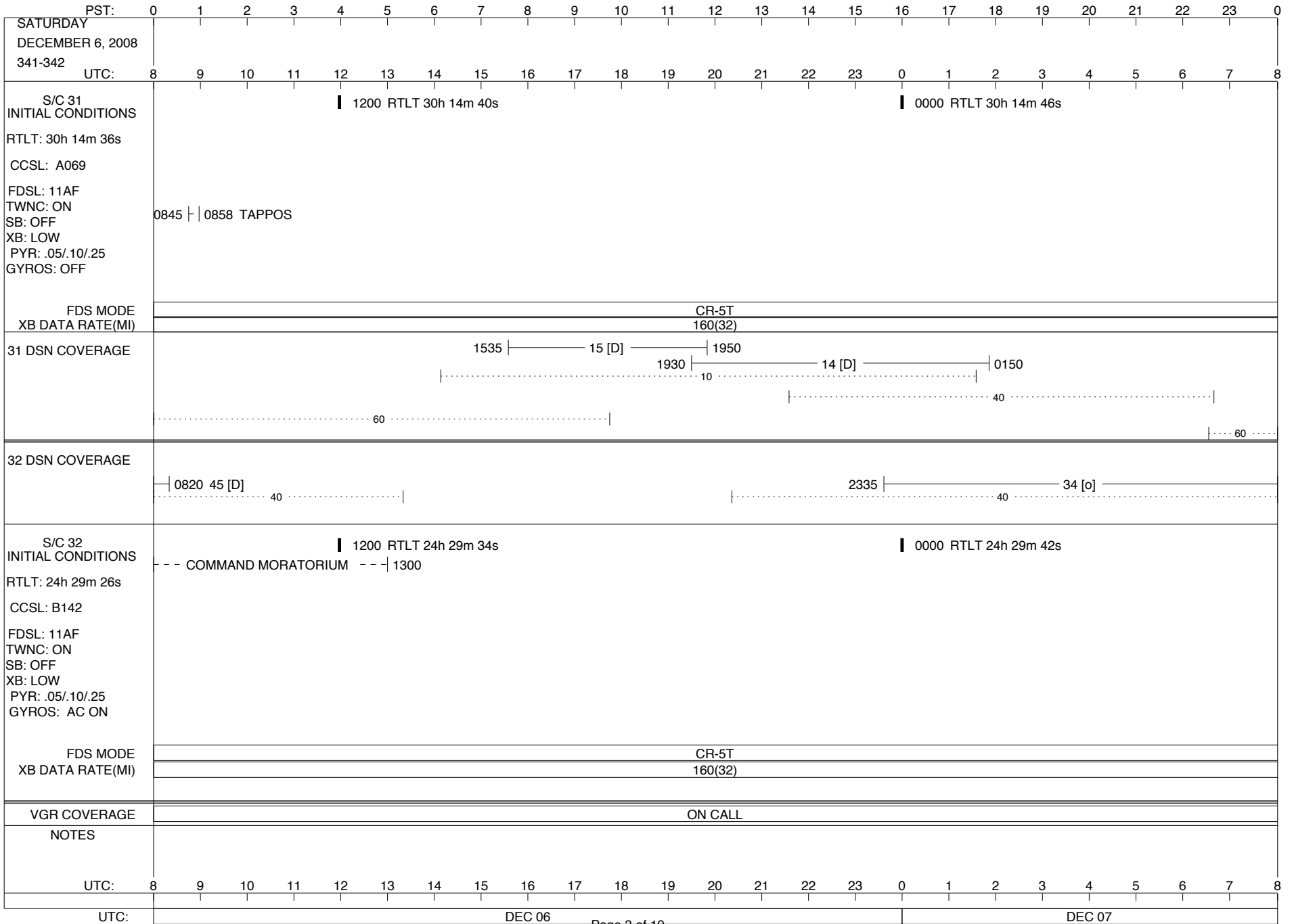
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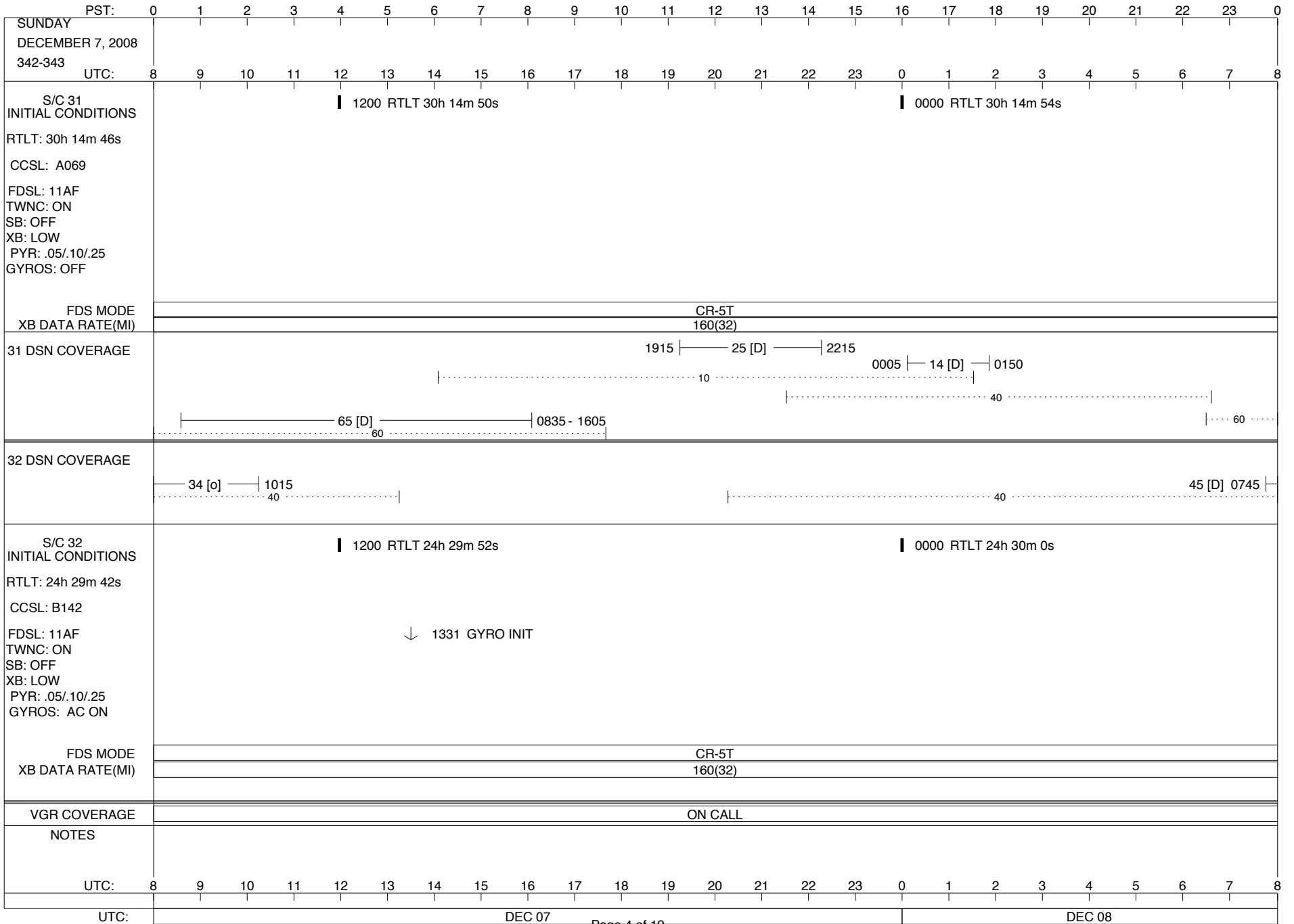


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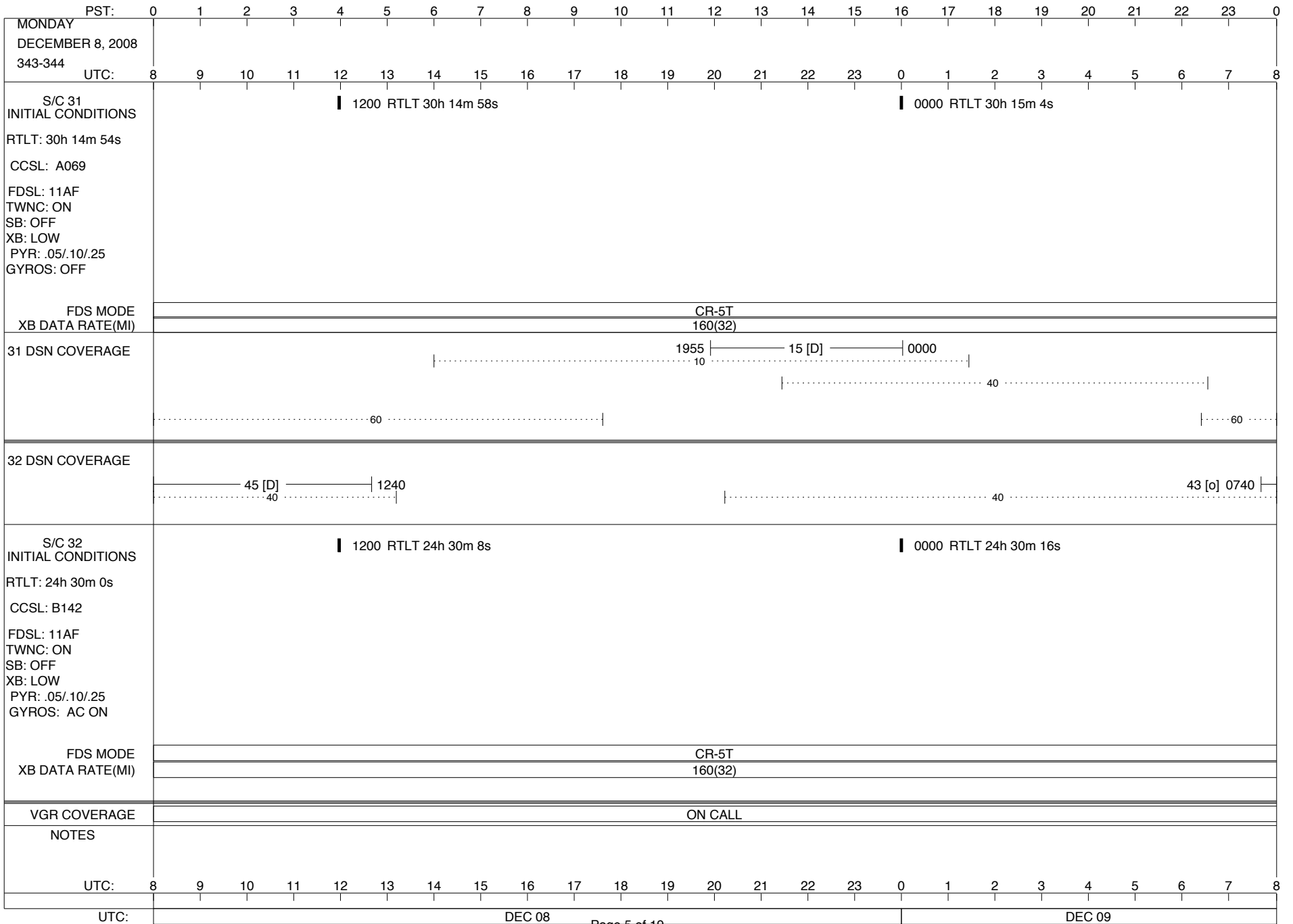
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S/C 31 INITIAL CONDITIONS RTLTL: 30h 14m 26s CCSL: A069 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 30h 14m 30s												0000 RTLTL 30h 14m 36s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1355 14 [D] 1545												2010 15 [D] 0010												
60.....											40.....												
32 DSN COVERAGE	0910 43 [D] 1405												0310 45 [D]												
40.....											40.....												
S/C 32 INITIAL CONDITIONS RTLTL: 24h 29m 10s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 24h 29m 18s												0000 RTLTL 24h 29m 26s												
FDS MODE	-----COMMAND MORATORIUM-----																								
XB DATA RATE(MI)	CR-5T												CR-5T												
	160(32)												160(32)												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0637 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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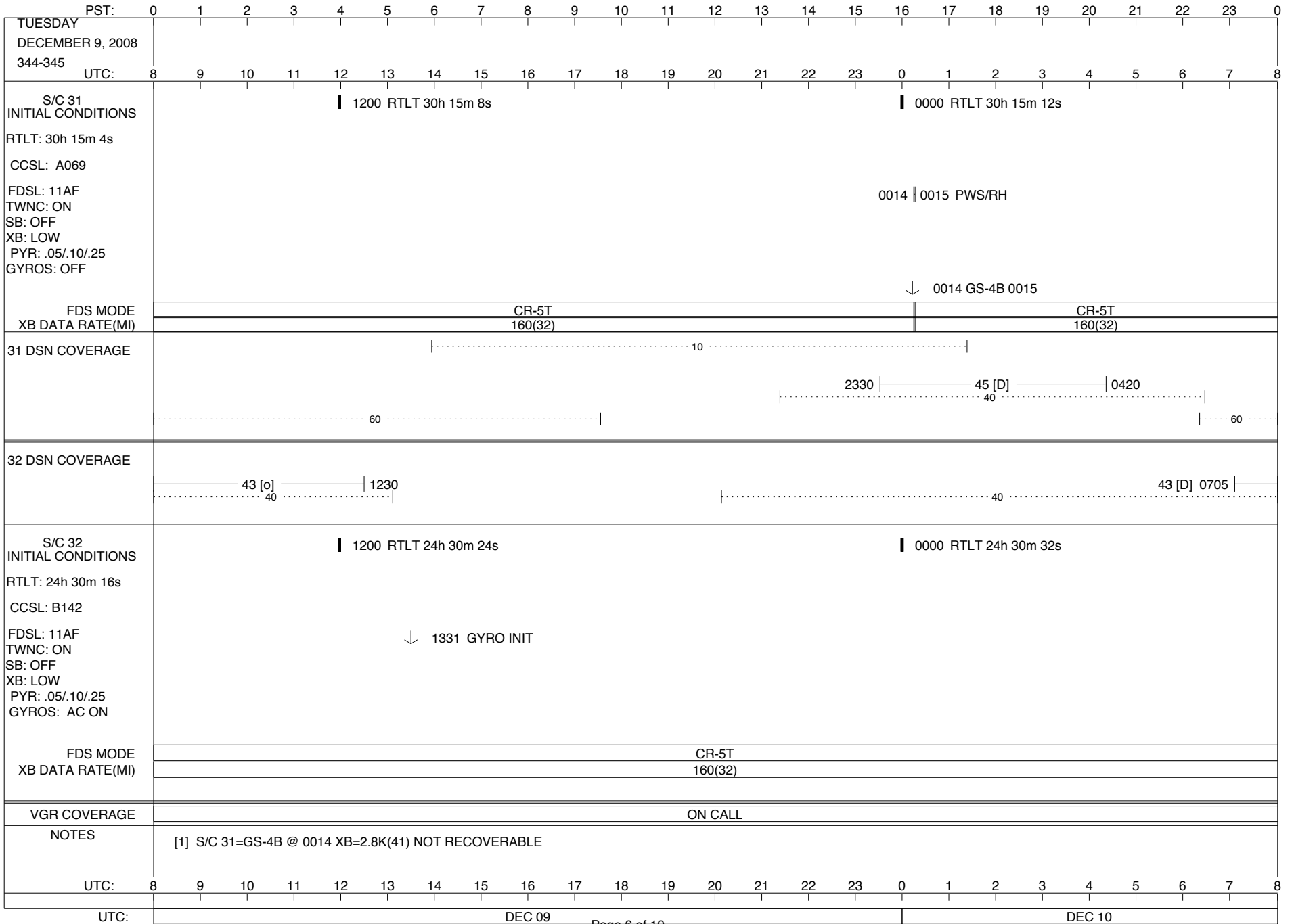
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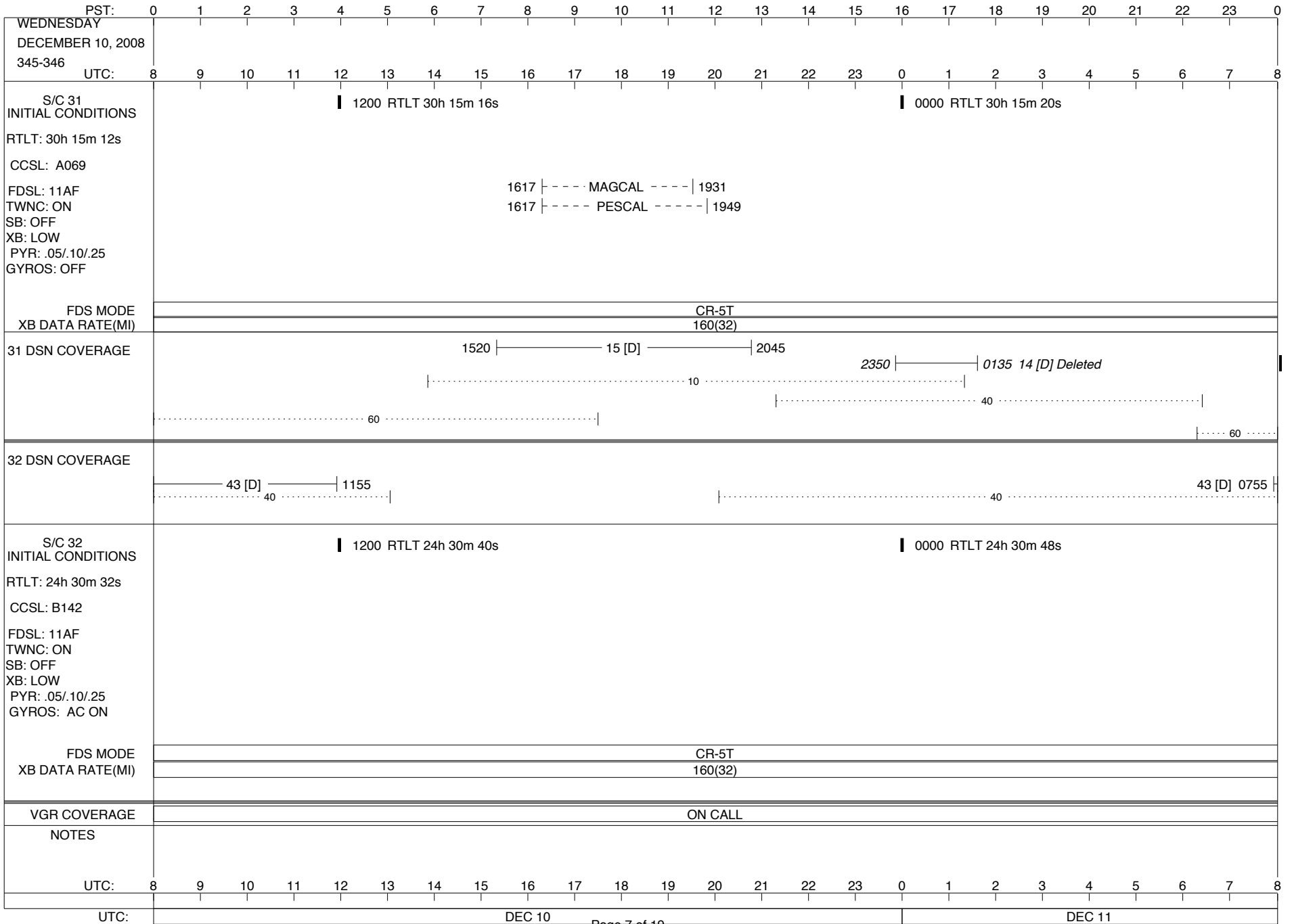


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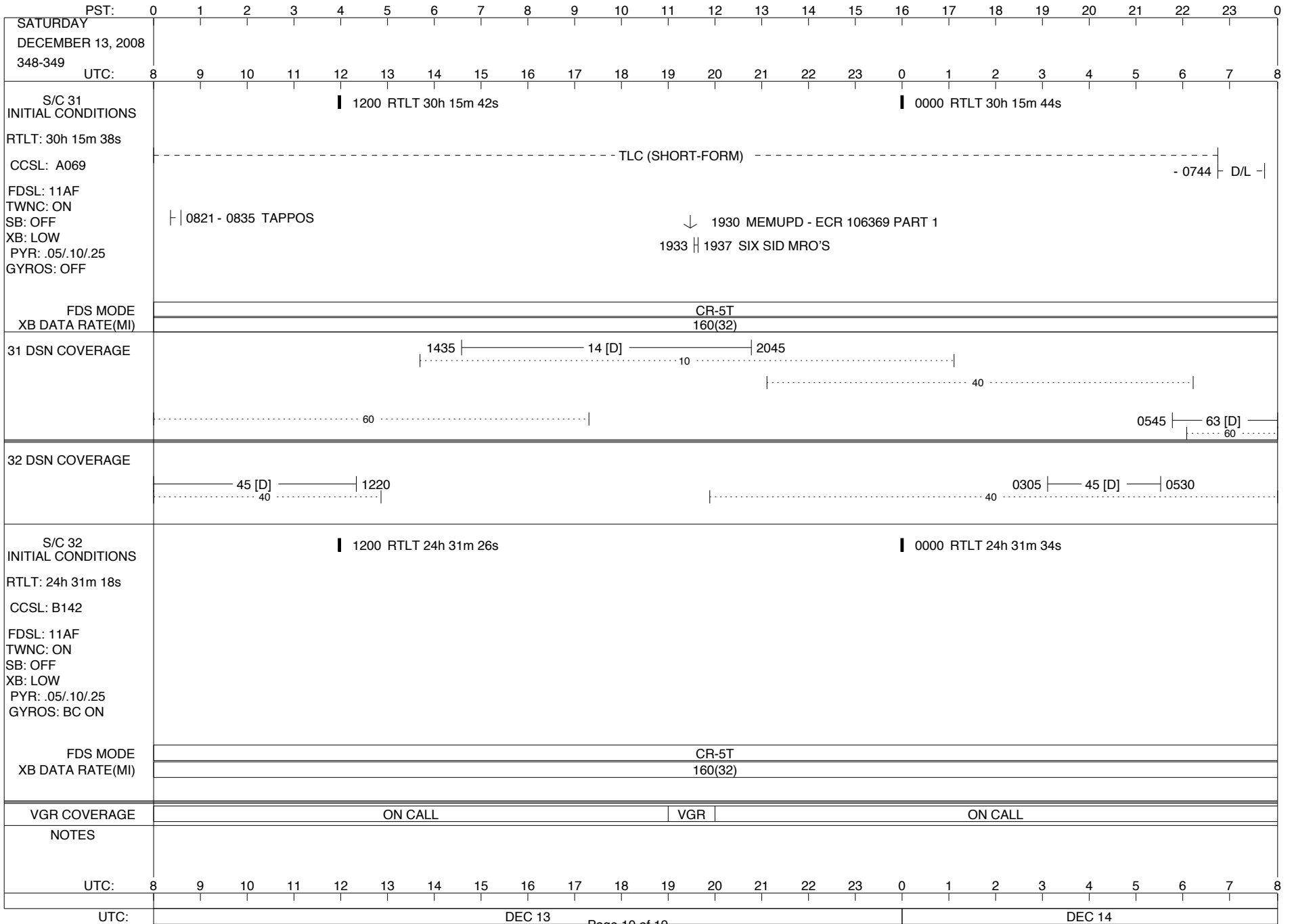


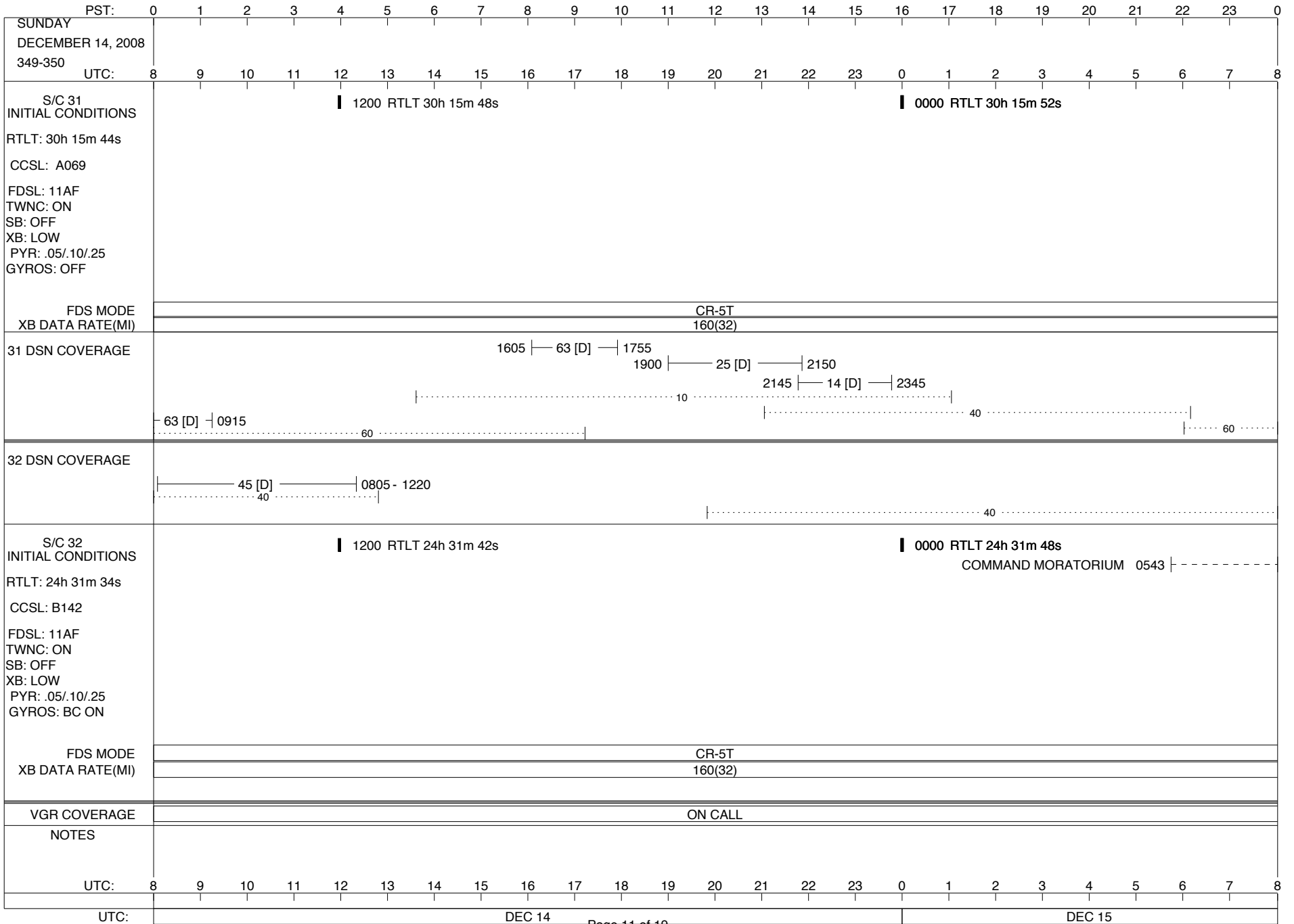


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S/C 31 INITIAL CONDITIONS RTLTL: 30h 15m 30s CCSL: A069 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 30h 15m 34s												█ 0000 RTLTL 30h 15m 38s ▼ 2335 DUMMY (05:51) U/L 0000 - - - - - - TLC (SHORT-FORM) - - - - - 0312 - 0339 TAPPOS PWS/RH 0614 0615 0614 GS-4B 0615 ↓												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1915 ----- 14 [T] ----- 0100 ----- 10 ----- 2315 ----- 45 [D] ----- 0410 ----- 40 ----- 60 ----- 60																								
32 DSN COVERAGE	0940 ----- 43 [o] ----- 1340 ----- 40 ----- ----- 40 0455 ----- 45 [D] -----																								
S/C 32 INITIAL CONDITIONS RTLTL: 24h 31m 4s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	█ 1200 RTLTL 24h 31m 10s												█ 0000 RTLTL 24h 31m 18s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												VGR						ON CALL						
NOTES	[1] S/C 31=GS-4B @ 0614 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 12												Page 9 of 19						DEC 13						

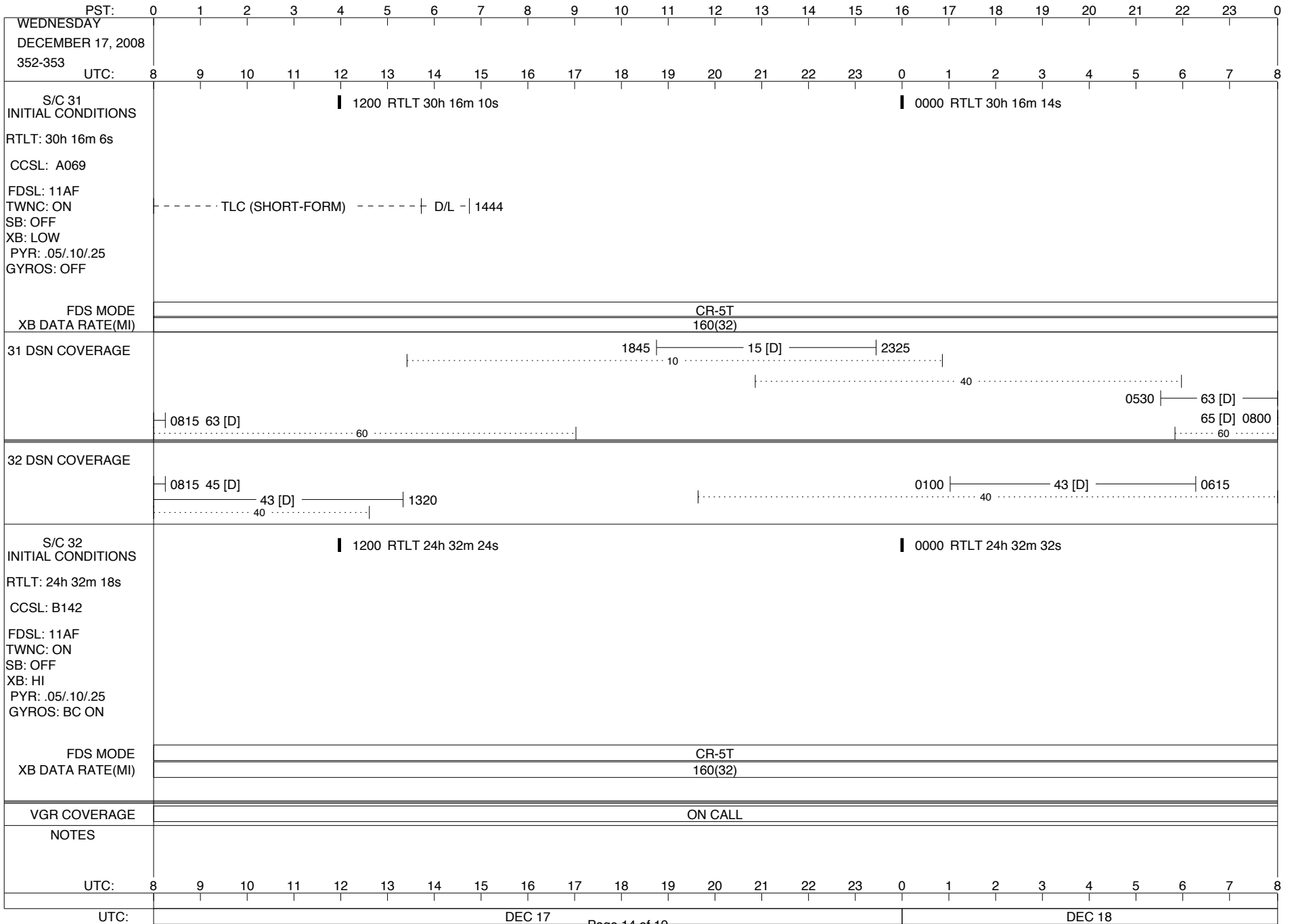




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MONDAY DECEMBER 15, 2008 350-351																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLTL: 30h 15m 52s CCSL: A069 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 30h 15m 56s												0000 RTLTL 30h 16m 0s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	<p>1425 14 [D] 1545 1755 15 [D] 2330</p> <p>.....10.....</p> <p>2325 45 [D] 0400</p> <p>.....40.....</p> <p>.....60.....</p> <p>0540 - 0725 63 [D] </p> <p>.....60.....</p>																								
32 DSN COVERAGE	<p>34 [D] 0815 - 0945 0530 43 [D] </p> <p>0925 43 [D] 1325 45 [D] 0800</p> <p>.....40.....</p> <p>.....40.....</p>																								
S/C 32 INITIAL CONDITIONS RTLTL: 24h 31m 48s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 24h 31m 56s												0000 RTLTL 24h 32m 4s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												EH-12 CR-5T												
VGR COVERAGE	ON CALL																						VGR		
NOTES	<p>[1] S/C 32=EH-12 @ 0600 XB=1.2K(39)</p> <p>[2] S/C 32=CR-5T @ 0659 XB=160(32)</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 15												DEC 16												

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 RTLT: 30h 16m 0s CCSL: A069 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 16m 4s												0000 RTLT 30h 16m 6s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	1825 ----- 15 [D] ----- 2320												2350 2351 PWS/RH ↓ 2350 GS-4B 2351												
32 DSN COVERAGE	0815 43 [D] 45 [D] ----- 0800 - 1145 1125 ----- 43 [D] ----- 1325												0220 ----- 45 [D] ----- 0516 43 [D] 0755 ----- 60 -----												
S/C 32 INITIAL CONDITIONS RTLT: 24h 32m 4s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 24h 32m 10s												0000 RTLT 24h 32m 18s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 2350 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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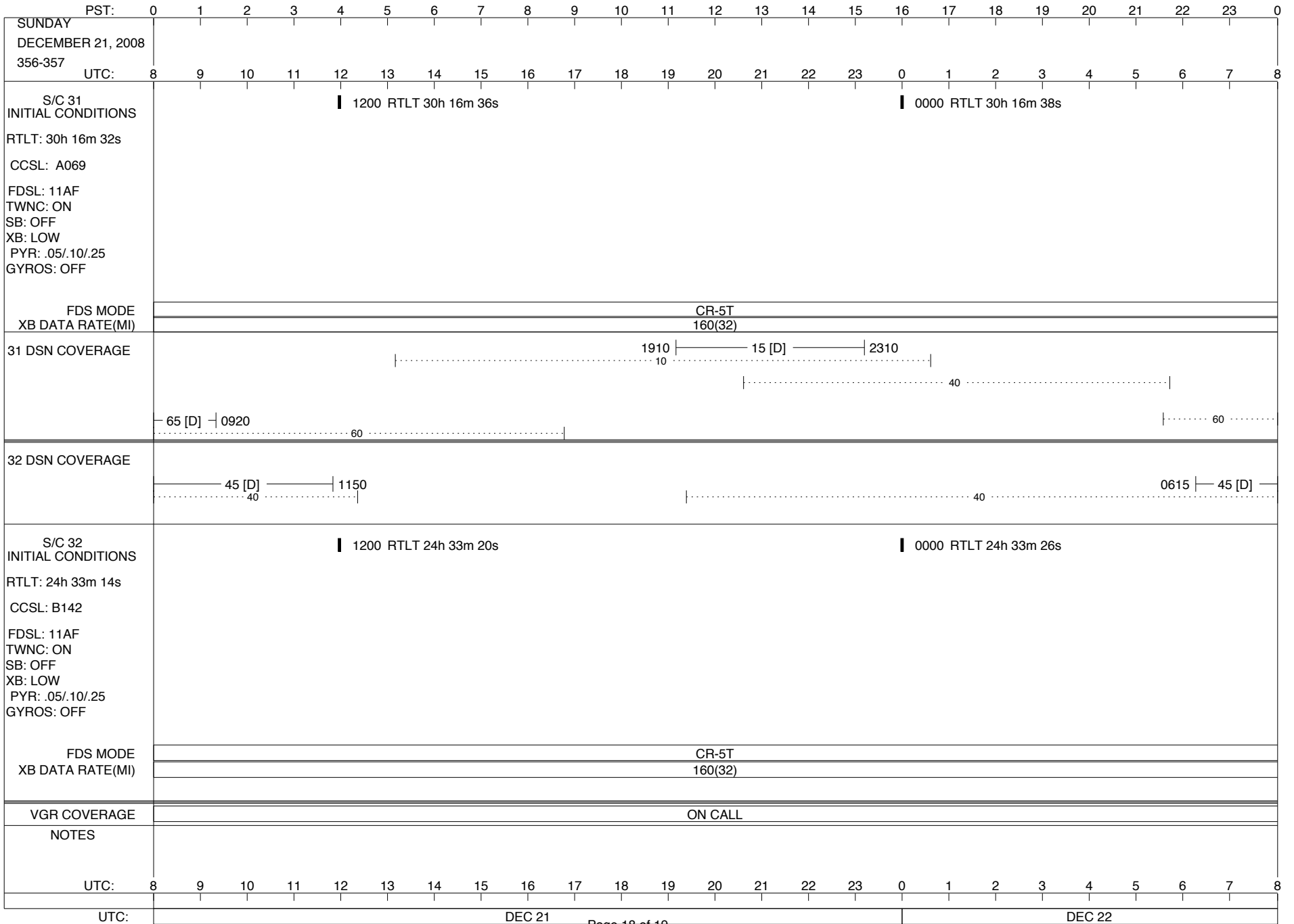


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UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
S/C 31 INITIAL CONDITIONS RTLT: 30h 16m 14s CCSL: A069 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF					█	1200	RTLT 30h 16m 18s																			
FDS MODE XB DATA RATE(MI)																										
31 DSN COVERAGE																										
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS RTLT: 24h 32m 32s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON																										
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:																										

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 19, 2008 354-355																									
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: 30h 16m 20s CCSL: A069 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 30h 16m 24s												0000 RTLTL 30h 16m 26s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	<p>0850 ----- 65 [D] ----- 1325</p> <p>2300 ----- 14 [D] ----- 0100</p> <p>0520 ----- 63 [D] ----- 0645</p>																								
32 DSN COVERAGE	<p>43 [D] ----- 1310</p> <p>0435 ----- 45 [D] -----</p>																								
S/C 32 INITIAL CONDITIONS RTLTL: 24h 32m 46s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 24h 32m 52s												0000 RTLTL 24h 33m 0s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0550 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 19												DEC 20												

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 20, 2008 355-356	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: 30h 16m 26s CCSL: A069 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 16m 30s												0000 RTLT 30h 16m 32s												
0811 TAPPOS	1900 BAY 1 HTR OFF 1904 X/B HI POWER 1930 1950 AACS MRO 1950 2002 CCS MRO 2002 2014 CCS MRO 2030 X/B LOW POWER 2034 BAY 1 HTR ON 1916 EH-12 2014																								
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												EH-12 160(32)												
31 DSN COVERAGE	1830 15 [DAR] 2030 1830 10 14 [DA] 0055 60 0520 63 [D] 0645 65 [D] 0735 60																								
32 DSN COVERAGE	45 [D] 0915 0855 43 [D] 1215 40												0500 45 [D] 40												
S/C 32 INITIAL CONDITIONS RTLT: 24h 33m 0s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 33m 6s												0000 RTLT 24h 33m 14s												
0826 COMMAND MORATORIUM																									
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL												VGR												
NOTES	[1] S/C 31=EH-12 XB=1.2K(39) @ 1916 [2] S/C 31=CR-5T XB=160(32) @ 2014																								
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UTC:	DEC 20												DEC 21												



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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: 30h 16m 38s CCSL: A069 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 30h 16m 42s</p> </div>																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE														<div style="text-align: center;"> <p>1625 ----- 15 [D] ----- 2305</p> <p>.....60..... </p> </div>													
32 DSN COVERAGE														<div style="text-align: center;"> <p>45 [D] ----- 1135</p> <p>.....40..... </p> </div>													
S/C 32 INITIAL CONDITIONS RTLT: 24h 33m 26s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 24h 33m 34s</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 22													Page 19 of 19											DEC 23		