

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: December 17, 2014

For the Period: 12/18/14 to 01/12/15 (14-352 – 15-012)

DSN OPSCHIEF (1) 230-102

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

OTHER

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

SCIENCE

CRS *bryant@mail630.gsfc.nasa.gov
 LECP *r.decker@jhuapl.edu
 UVS *holburg@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

FLIGHT TEAM (14) 600-100

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

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: 12/19/14 11:55

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 18, 2014 352-353																												
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: 36h 13m 26s CCSL: A093 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 36h 13m 30s														0000 RTLTL 36h 13m 34s													
----- TLC (SHORT-FORM) -----																												
0248 TAPPOS 0412 0549 0551 PWS/RH 0601 - 0740 TAPPOS - 0549 GS-4B 0551 ↓																												
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
31 DSN COVERAGE 10 40 54 [DA] 0955 55 [DAR] 0955 60 0550 - 0745 63 [D] 60																											
32 DSN COVERAGE	0905 43 [D] 1305 40 0100 43 [D] 40																											
S/C 32 INITIAL CONDITIONS RTLTL: 29h 47m 8s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 29h 47m 16s														0000 RTLTL 29h 47m 22s													
----- COMMAND MORATORIUM -----																												
↓ 0104 BAY 1 HTR OFF ↓ 0108 X/B HI POWER ↓ 0120 AAI 0123- 0719 ----- MAGROL ----- RAI 0711↓ CRU 0719↓ GYROS OFF 0719 ↓																												
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
VGR COVERAGE	ON CALL														VGR													
NOTES	[1] S/C 31=GS-4B @ 0549 XB=2.8K(41) NOT RECOVERABLE [2] S/C 32=D/L AGC & SNR VARIATIONS EXPECTED DURING MAGROL (0123-0719)																											
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 18														DEC 19													

ISSUE DATE: 12/19/14 11:55

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, 2014 353-354																													
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: 36h 13m 34s CCSL: A093 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF		1200 RTLT 36h 13m 36s												0000 RTLT 36h 13m 40s															
0801 D/L		1416 ----- 1559 AACS MRO												1600 ----- 1811 FDS MRO															
		1812 ----- 1927 CCSA MRO												1928 ----- 2043 CCSB MRO															
FDS MODE		EL-40 1401 ↓												↓ 2045 CR-5T															
XB DATA RATE(MI)		CR-5T 160(32)												EL-40 40(30)															
31 DSN COVERAGE		1330 ----- 14 [D] ----- 2210												10 40															
		60												0600 ----- 63 [D] -----															
		60												60															
32 DSN COVERAGE		43 [D] 0900												40 40															
S/C 32 INITIAL CONDITIONS RTLT: 29h 47m 22s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF		1200 RTLT 29h 47m 30s												0000 RTLT 29h 47m 36s															
		----- COMMAND MORATORIUM -----												0131															
FDS MODE														CR-5T															
XB DATA RATE(MI)														160(32)															
VGR COVERAGE		ON CALL												VGR															
NOTES														[1] S/C 31=EL-40 @ 1401 XB=40(30) [2] S/C 31=CR-5T @ 2045 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:		DEC 19												DEC 20															

ISSUE DATE: 12/19/14 11:55

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 21, 2014 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 RTLTL: 36h 13m 46s CCSL: A093 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLTL 36h 13m 50s												█ 0000 RTLTL 36h 13m 54s												
	0849 0851 PWS/RH 0901 - TAPPOS - 1054																								
	↓ 0849 GS-4B 0851																								
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	1315 ----- 14 [D] ----- 1730												----- 10 -----												
	----- 60 -----												----- 40 -----												
													0540 ----- 63 [D] -----												
													----- 60 -----												
32 DSN COVERAGE	0855 ----- 43 [D] ----- 1255												----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLTL: 29h 47m 50s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	█ 1200 RTLTL 29h 47m 56s												█ 0000 RTLTL 29h 48m 4s												
	----- COMMAND MORATORIUM -----																								
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 0849 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 21												DEC 22												

ISSUE DATE: 12/19/14 11:55

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 22, 2014 356-357	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: 36h 13m 54s CCSL: A093 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 36h 13m 56s												0000 RTLTL 36h 14m 0s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	1315 ----- 14 [D] ----- 1545												10 ----- 40 -----												
	63 [D] ----- 0940												0535 - 0745 ----- 63 [D] -----												
32 DSN COVERAGE	43 [D] ----- 0820 - 1250												40 ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLTL: 29h 48m 4s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 29h 48m 10s												0000 RTLTL 29h 48m 16s												
	----- COMMAND MORATORIUM -----																								
	↓ 0838 X/B LOW POWER												↓ 0842 BAY 1 HTR ON												
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:	DEC 22												DEC 23												

ISSUE DATE: 12/19/14 11:55

TUESDAY DECEMBER 23, 2014 357-358		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
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: 36h 14m 0s CCSL: A093 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<div style="display: flex; justify-content: space-between;"> <div>1200 RTLT 36h 14m 2s</div> <div>0000 RTLT 36h 14m 4s</div> </div> <p style="text-align: center;">2313 2314 PWS/RH</p> <p style="text-align: center;">↓ 2313 GS-4B 2314</p>	
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)	CR-5T 160(32)
31 DSN COVERAGE	<p>1310 ----- 14 [D] ----- 1710</p> <p style="text-align: right;">0550 - 0720 63 [D] </p> <p style="text-align: right;">65 [DAR] 0705</p> <p style="text-align: right;">55 [DA] 0705</p> <p style="text-align: right;">60</p>	
32 DSN COVERAGE	<p>43 [D] ----- 0840 - 1245</p> <p style="text-align: right;">0100 ----- 45 [D] ----- 0500</p>	
S/C 32 INITIAL CONDITIONS RTLT: 29h 48m 16s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<div style="display: flex; justify-content: space-between;"> <div>1200 RTLT 29h 48m 24s</div> <div>0000 RTLT 29h 48m 30s</div> </div>	
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)	
VGR COVERAGE	ON CALL	
NOTES	<p>[1] S/C 31=GS-4B @ 2313 XB=2.8K(41) NOT RECOVERABLE</p> <p style="text-align: center;">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: DEC 23		DEC 24

ISSUE DATE: 12/19/14 11:55

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 24, 2014 358-359																									
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: 36h 14m 4s CCSL: A093 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 36h 14m 8s												█ 0000 RTLT 36h 14m 10s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE 10 40												
	- 65 [DAR] 0955											 60												
	- 55 [DA] 0955																								
32 DSN COVERAGE 40 40												
S/C 32 INITIAL CONDITIONS RTLT: 29h 48m 30s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 29h 48m 36s												█ 0000 RTLT 29h 48m 42s												
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:	DEC 24												DEC 25												

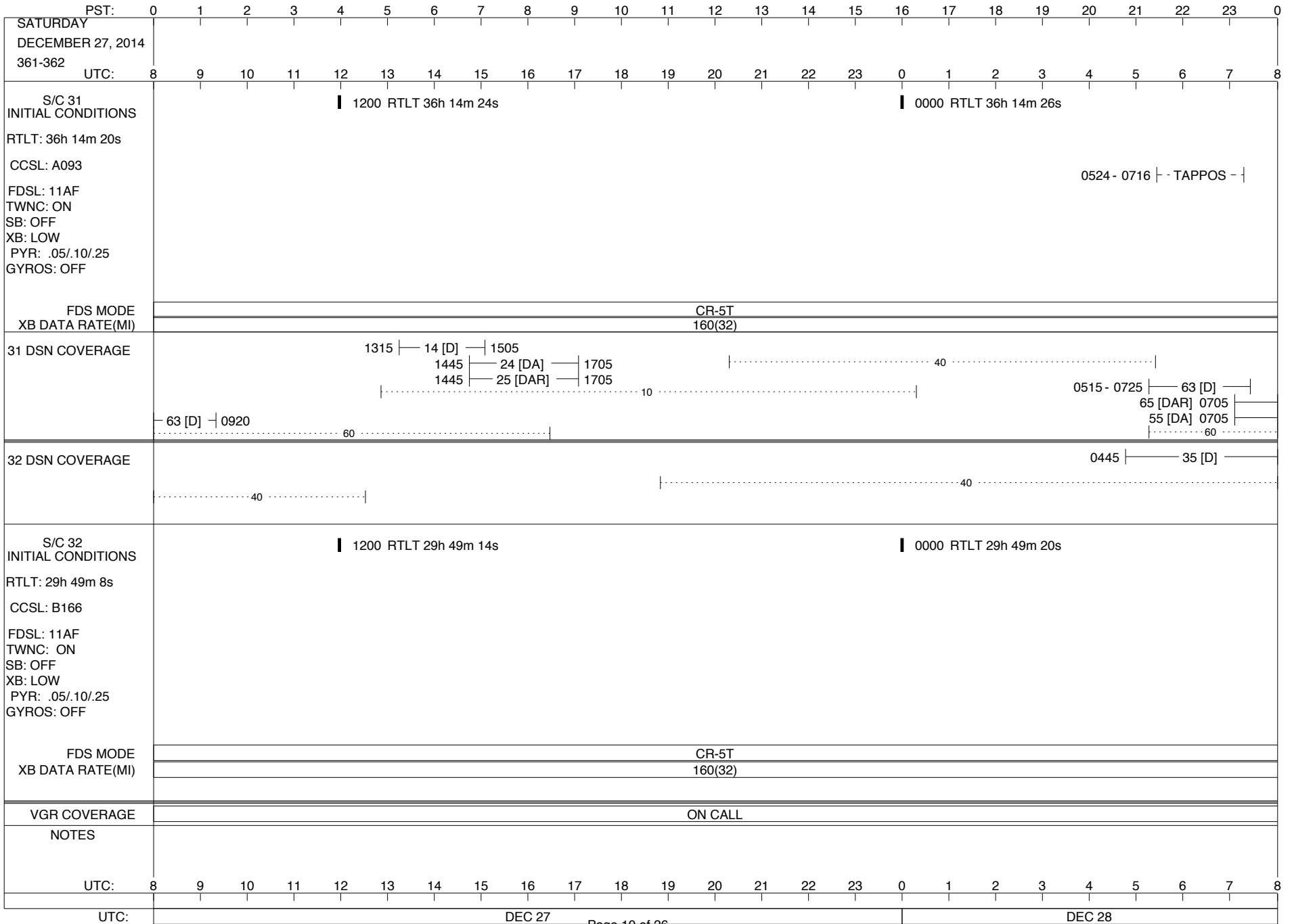
ISSUE DATE: 12/19/14 11:55

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 25, 2014 359-360																									
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: 36h 14m 10s CCSL: A093 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 14m 14s												0000 RTLT 36h 14m 16s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1305 ----- 14 [D] ----- 1705												0525 ----- 63 [D] -----												
32 DSN COVERAGE	43 [D] ----- 0840 - 1240												0120 ----- 34 [D] ----- 0540												
S/C 32 INITIAL CONDITIONS RTLTL: 29h 48m 42s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 29h 48m 50s												0000 RTLT 29h 48m 56s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 0526 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:	DEC 25												DEC 26												

ISSUE DATE: 12/19/14 11:55

		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 26, 2014 360-361		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: 36h 14m 16s CCSL: A093 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF		1200 RTLT 36h 14m 18s											0000 RTLT 36h 14m 20s														
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)														
31 DSN COVERAGE		1415 24 [DAR] 1540 1415 25 [DA] 1540											10 40 63 [D] 0925 0520 63 [D] 60 60														
32 DSN COVERAGE		40 0030 34 [o] 0425											40 40														
S/C 32 INITIAL CONDITIONS RTLT: 29h 48m 56s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF		1200 RTLT 29h 49m 2s											0000 RTLT 29h 49m 8s														
FDS MODE XB DATA RATE(MI)													CR-5T 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:		DEC 26											DEC 27														

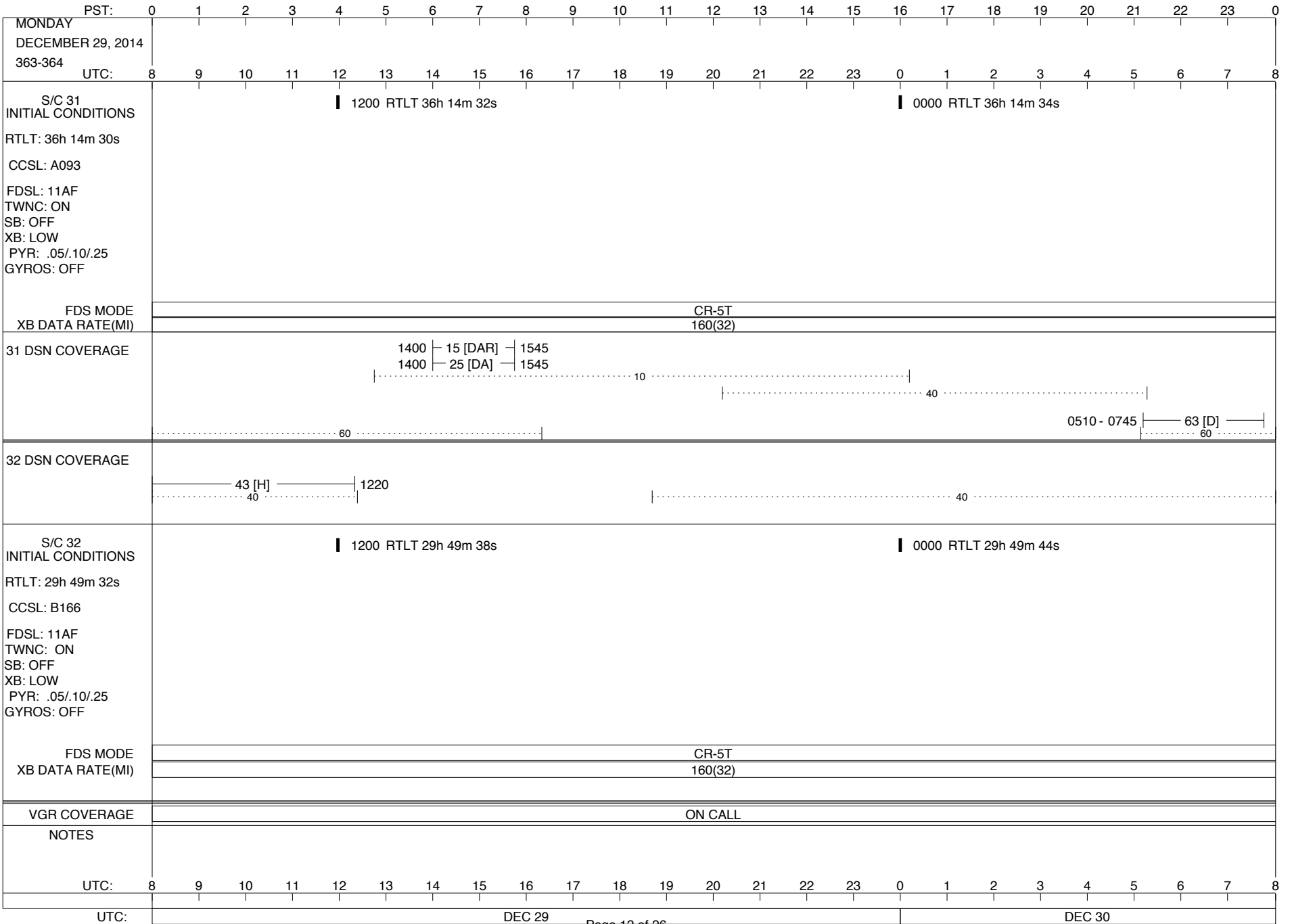
ISSUE DATE: 12/19/14 11:55



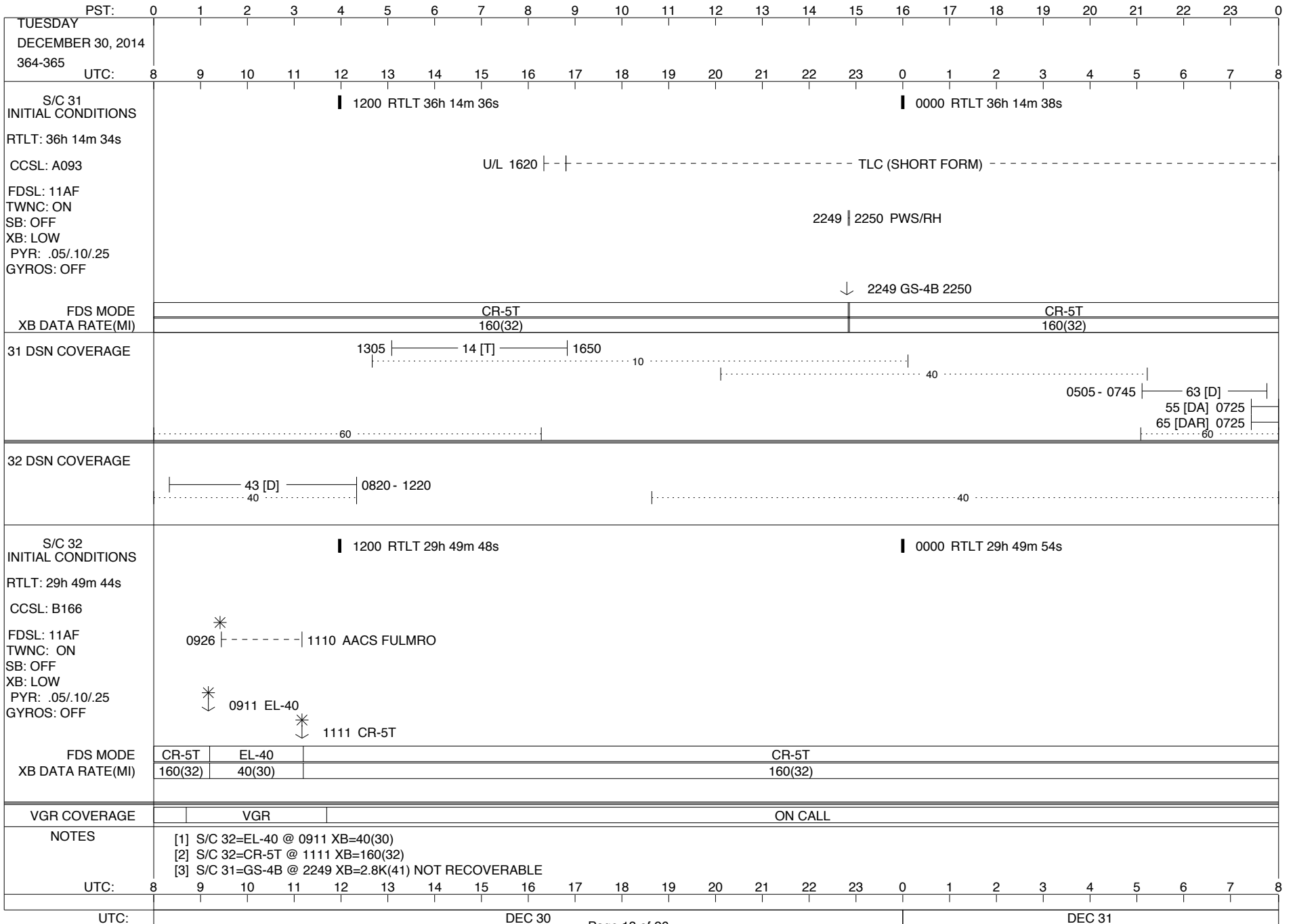
ISSUE DATE: 12/19/14 11:55

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 28, 2014 362-363																									
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: 36h 14m 26s CCSL: A093 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 36h 14m 28s												0000 RTLTL 36h 14m 30s												
	0826 GS-4B 0827												DUMMY (18:10) 0555▼												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	65 [DAR] 0945 55 [DA] 0945												40 0515-0725 63 60												
32 DSN COVERAGE	0845 35 [D] 40												0035 43 [H] 40												
S/C 32 INITIAL CONDITIONS RTLTL: 29h 49m 20s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 29h 49m 26s												0000 RTLTL 29h 49m 32s												
													DUMMY (08:25) 0235▼ EL-40, AACS FULMRO, CR-5T (09:09) 0319▼												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE	ON CALL												VGR						ON CALL						
NOTES	[1] S/C 31=GS-4B @ 0826 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 28												DEC 29												

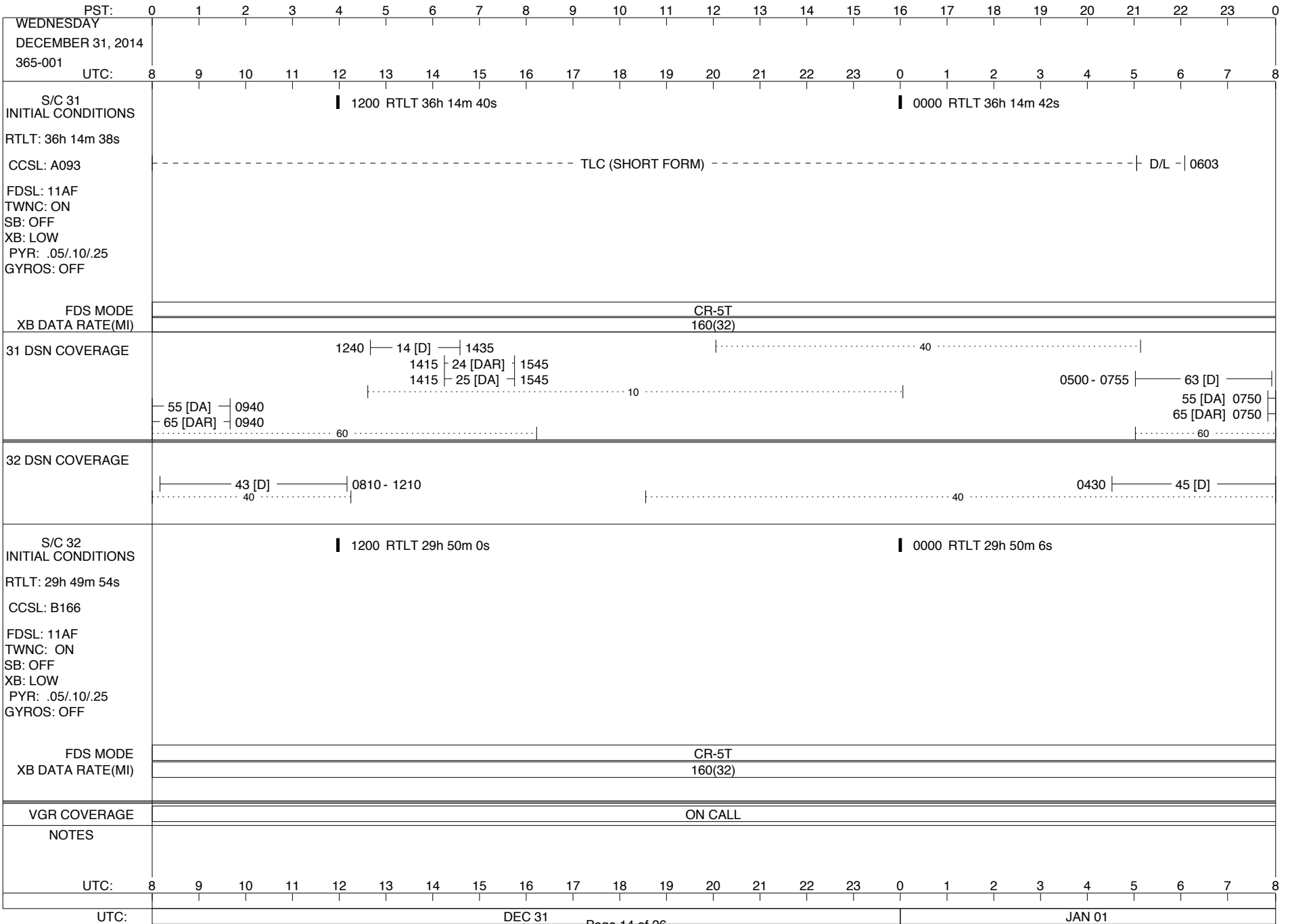
ISSUE DATE: 12/19/14 11:55



ISSUE DATE: 12/19/14 11:55



ISSUE DATE: 12/19/14 11:55



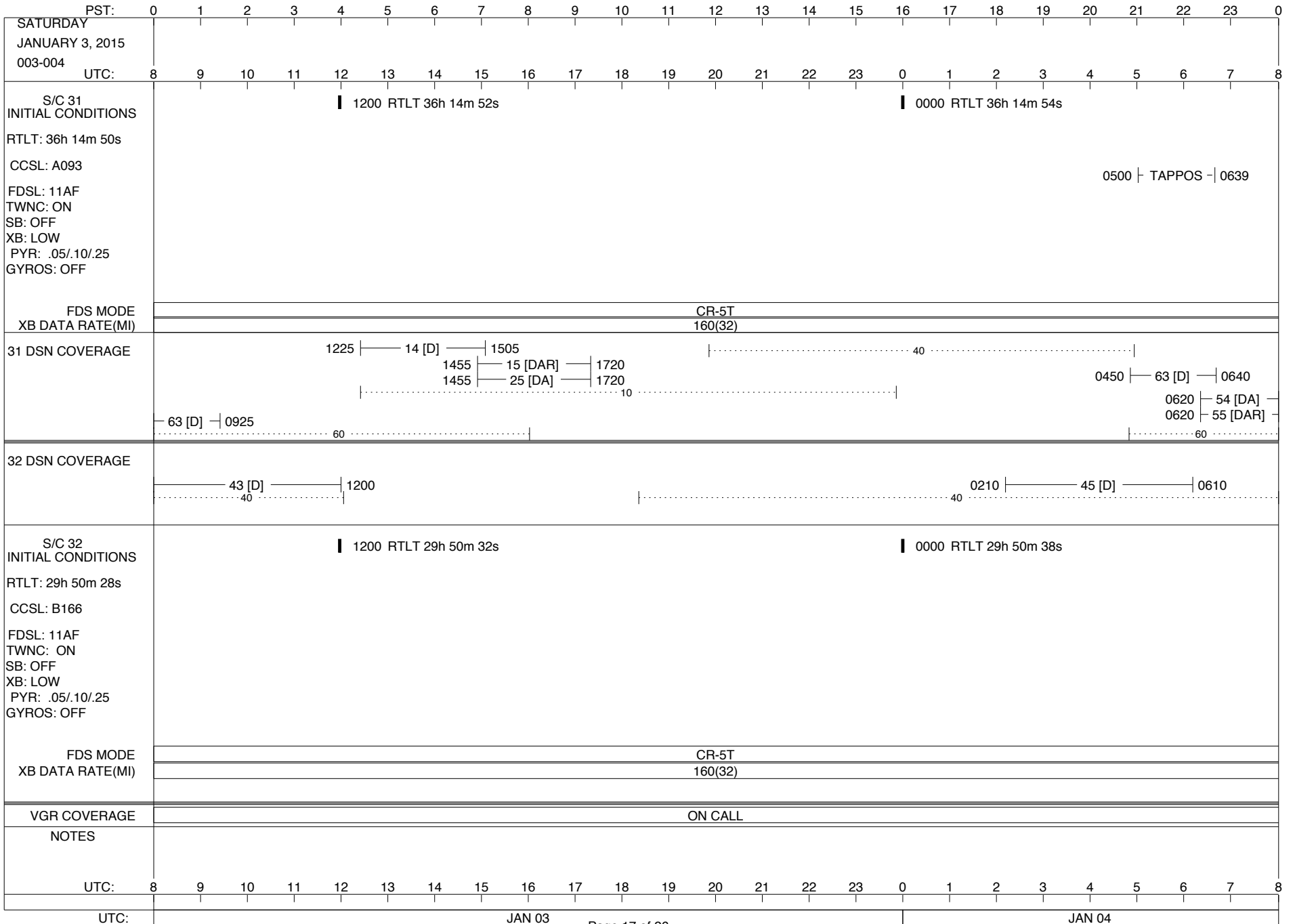
ISSUE DATE: 12/19/14 11:55

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 JANUARY 1, 2015 001-002																													
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: 36h 14m 42s CCSL: A093 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLTL 36h 14m 44s												0000 RTLTL 36h 14m 46s															
FDS MODE		CR-5T												CR-5T															
XB DATA RATE(MI)		160(32)												160(32)															
31 DSN COVERAGE		<p>.....10.....40.....0500.....63 [D].....60.....</p> <p>55 [DA] 0940 65 [DAR] 0940</p>																											
32 DSN COVERAGE		<p>.....40.....2225.....34 [o].....40.....0310.....</p> <p>0830 45 [D]</p>																											
S/C 32 INITIAL CONDITIONS RTLTL: 29h 50m 6s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLTL 29h 50m 12s												0000 RTLTL 29h 50m 16s															
FDS MODE		CR-5T												CR-5T															
XB DATA RATE(MI)		160(32)												160(32)															
VGR COVERAGE		ON CALL																											
NOTES		<p>[1] S/C 31=GS-4B @ 0502 XB=2.8K(41) NOT RECOVERABLE</p> <p>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:		JAN 01														JAN 02													

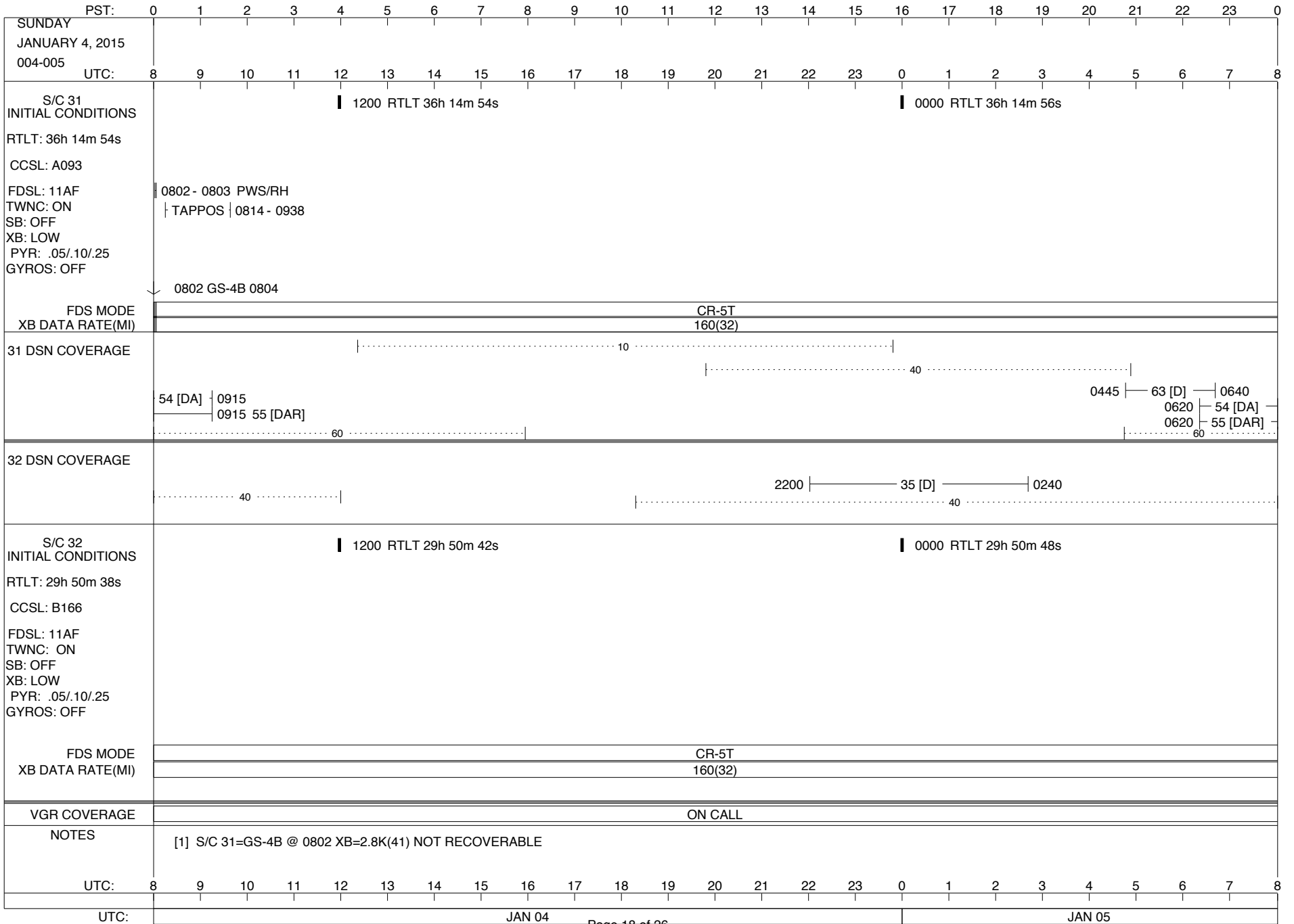
ISSUE DATE: 12/19/14 11:55

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 JANUARY 2, 2015 002-003																										
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: 36h 14m 46s CCSL: A093 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 36h 14m 48s												█ 0000 RTLT 36h 14m 50s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE 10 40													
	63 [D] 1005												0455 63 [D]													
 60 60													
32 DSN COVERAGE 40 40													
													0320 43 [D]													
S/C 32 INITIAL CONDITIONS RTLT: 29h 50m 16s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 29h 50m 22s												█ 0000 RTLT 29h 50m 28s													
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:	JAN 02													JAN 03												

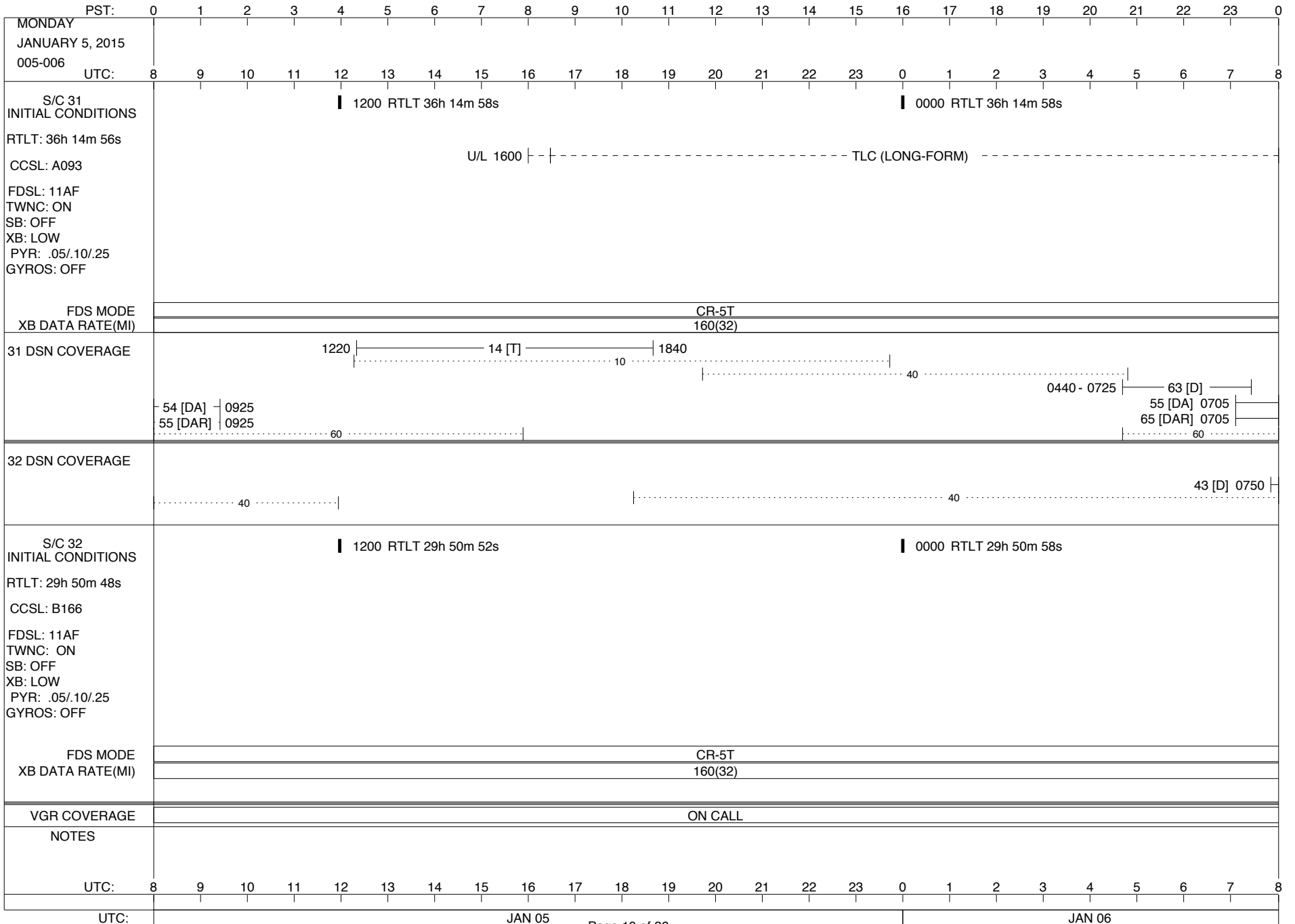
ISSUE DATE: 12/19/14 11:55



ISSUE DATE: 12/19/14 11:55



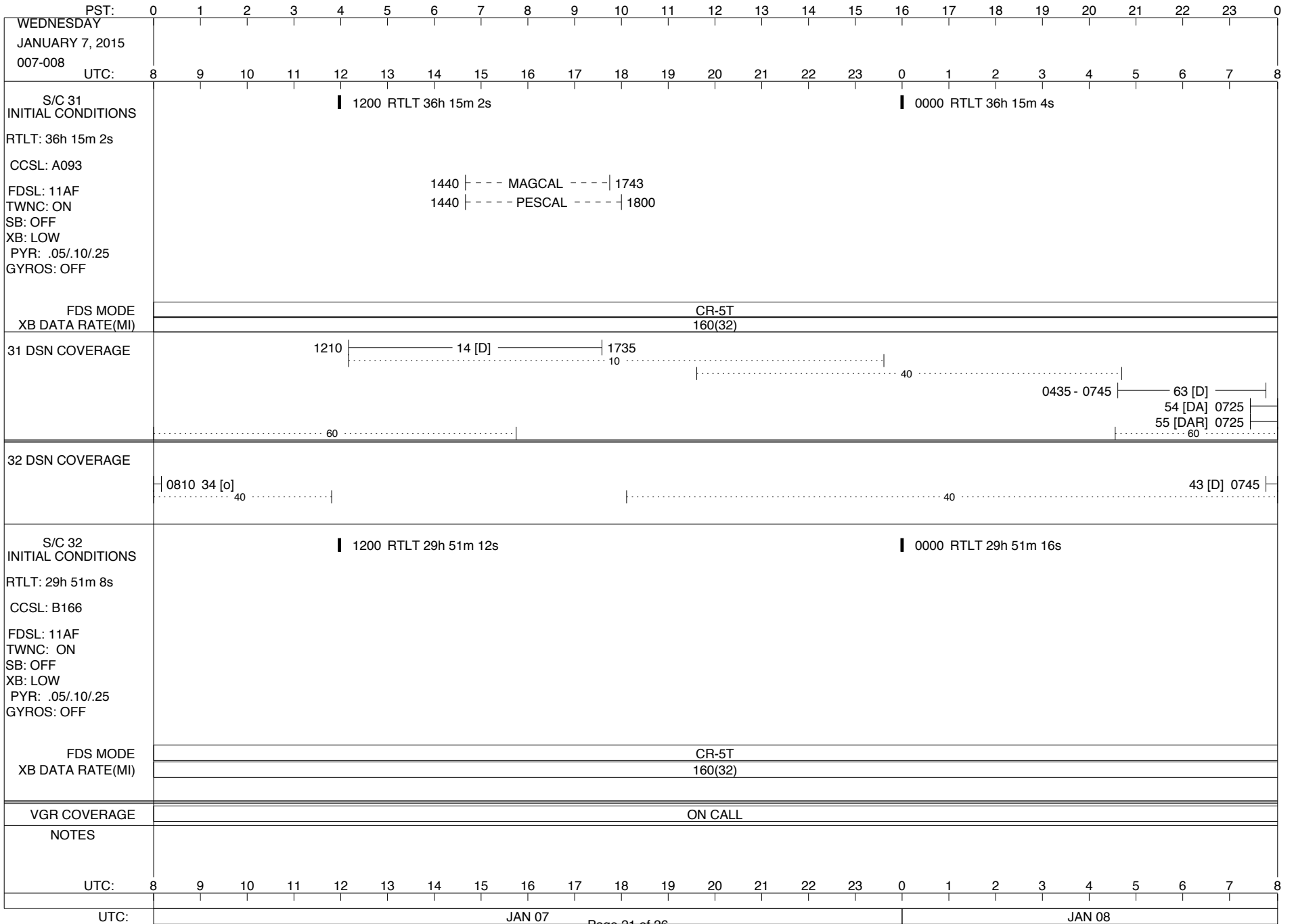
ISSUE DATE: 12/19/14 11:55



ISSUE DATE: 12/19/14 11:55

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 6, 2015 006-007	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: 36h 14m 58s CCSL: A093 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 36h 15m 0s												0000 RTLTL 36h 15m 2s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	1215 ----- 14 [D] ----- 1625 ----- 10 ----- ----- 40 ----- 0820 55 [DA] 0820 65 [DAR] ----- 60 -----												2225 2226 PWS/RH 2237 ----- DTR MAINT ----- 0401 0405 ----- TAPPOS ----- 0640 ↓ 2225 GS-4B 2226												
32 DSN COVERAGE	43 [D] ----- 1150 ----- 40 -----												0425 ----- 34 [o] ----- ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLTL: 29h 50m 58s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 29h 51m 2s												0000 RTLTL 29h 51m 8s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 2225 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:	JAN 06												JAN 07												

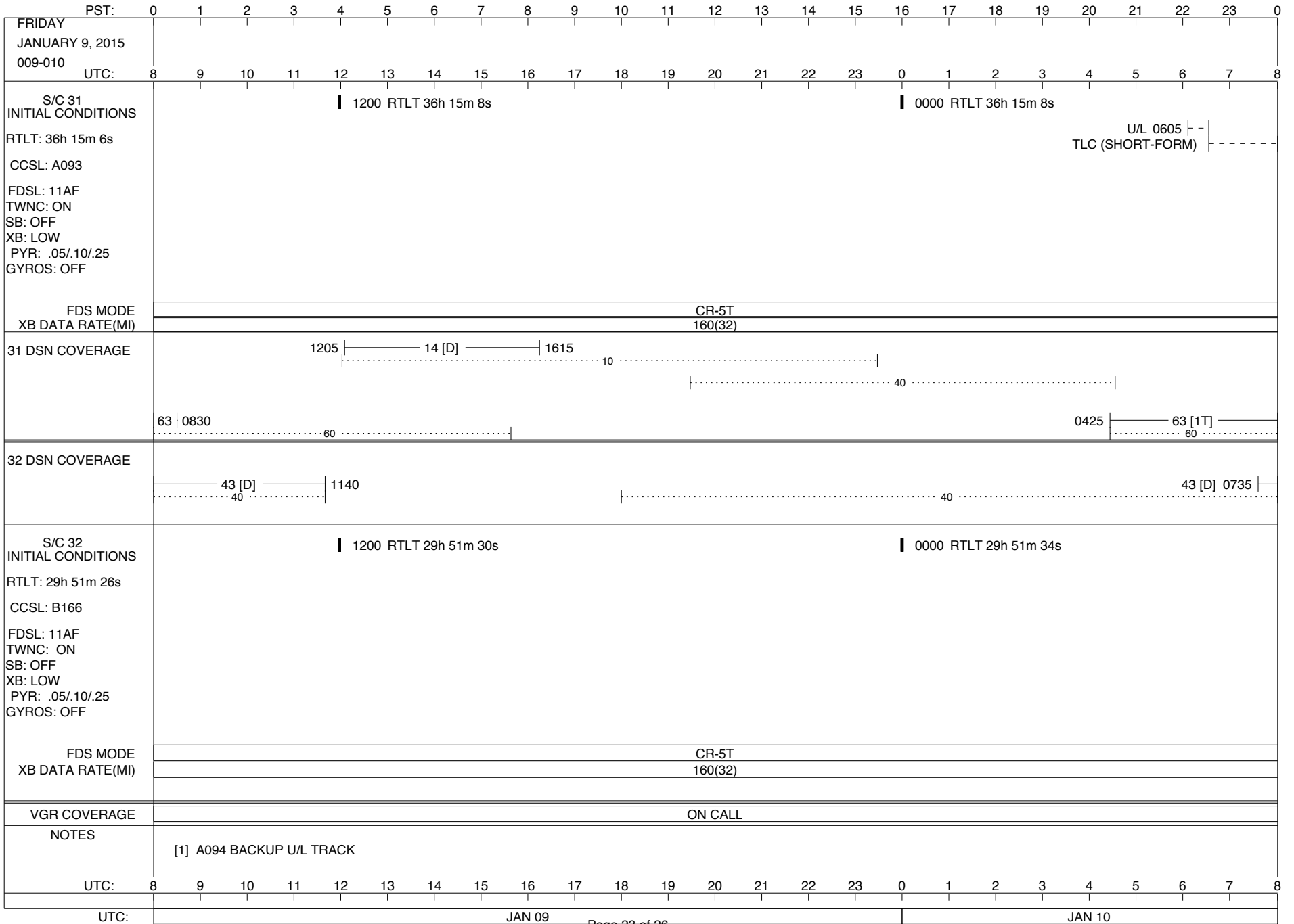
ISSUE DATE: 12/19/14 11:55



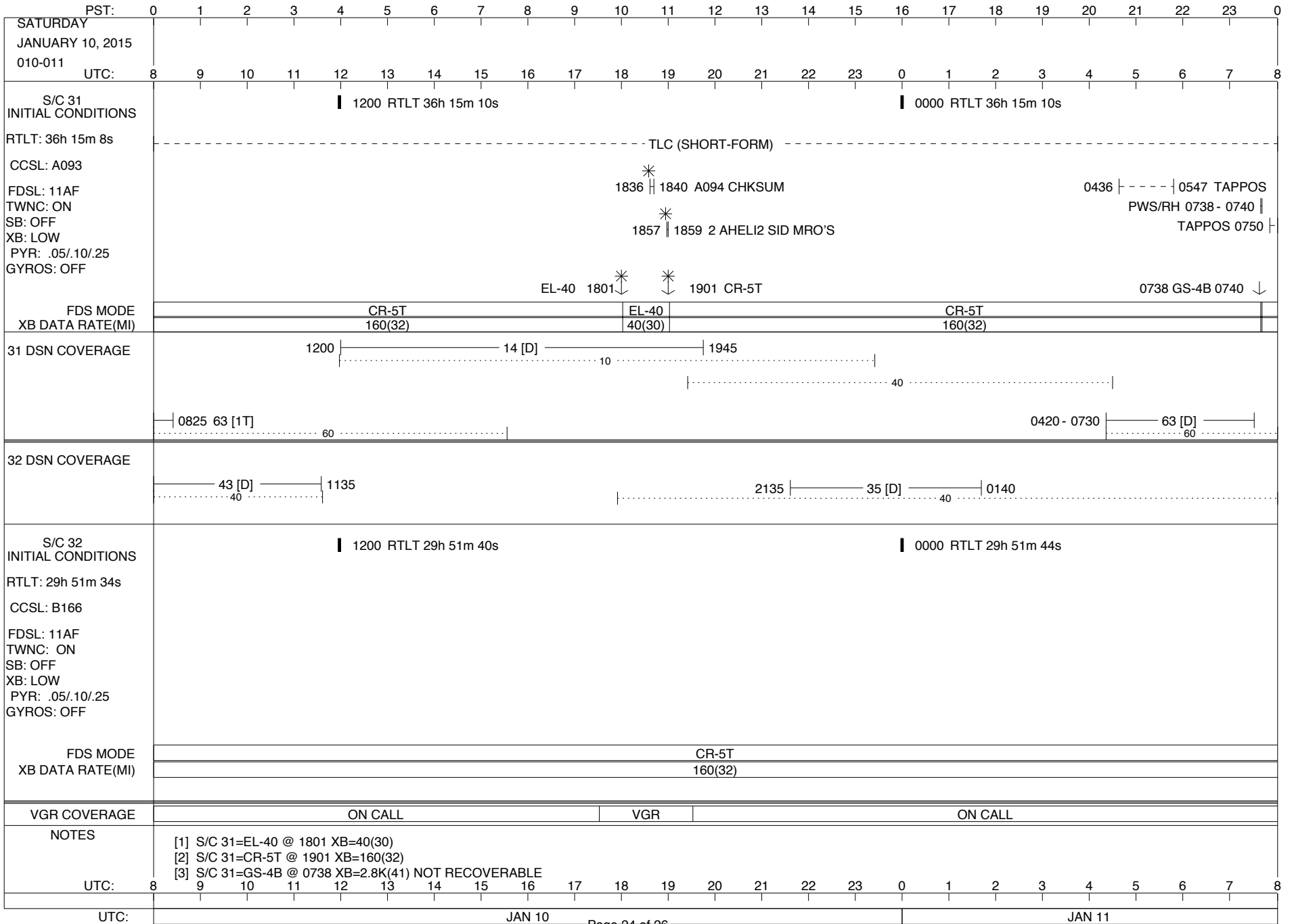
ISSUE DATE: 12/19/14 11:55

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 JANUARY 8, 2015 008-009																										
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: 36h 15m 4s CCSL: A093 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLTL 36h 15m 6s												█ 0000 RTLTL 36h 15m 6s													
													0136 TAPPOS 0301 0438 0440 PWS/RH TAPPOS 0450 - - - - 0601 DUMMY (17:45) 0530 ▼ EL-40 (18:00) 0545 ▼ CCSL A094 (18:22) 0607 ▼ AHELII2 MRO'S, CR-5T (18:55) 0640 ▼ ↓ 0438 GS-4B 0440													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	1205 ----- 14 [D] ----- 1545 ----- 10 ----- ----- 40 -----												54 [DA] 0910 0910 55 [DAR] ----- 60 -----													
													0430 ----- 63 ----- ----- 60 -----													
32 DSN COVERAGE	43 [D] ----- 1145 ----- 40 -----												----- 40 ----- 43 [D] 0740													
S/C 32 INITIAL CONDITIONS RTLTL: 29h 51m 16s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLTL 29h 51m 22s												█ 0000 RTLTL 29h 51m 26s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
VGR COVERAGE	ON CALL												VGR													
NOTES	[1] S/C 31=GS-4B @ 0438 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:	JAN 08												JAN 09													

ISSUE DATE: 12/19/14 11:55



ISSUE DATE: 12/19/14 11:55



ISSUE DATE: 12/19/14 11:55

