

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: November 12, 2014

For the Period: 11/13/14 to 12/01/14 (14-317 – 14-335)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

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OTHER

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

SCIENCE

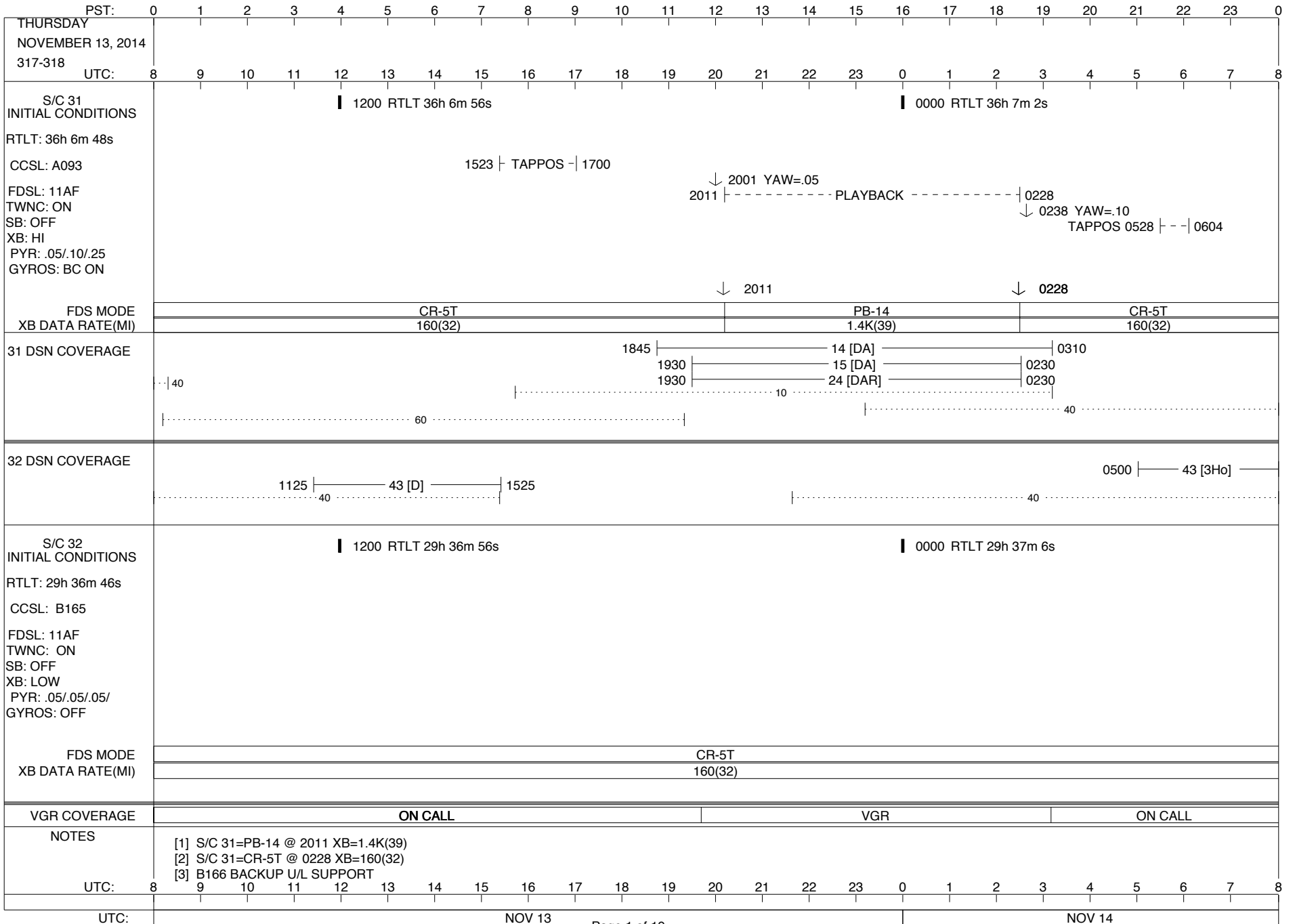
CRS *bryant@mail630.gsfc.nasa.gov
 LECP *r.decker@jhuapl.edu
 UVS *holburg@argus.lpl.arizona.edu
 MAG *u2mha@lepvox.gsfc.nasa.gov
 PLS *vgr@space.mit.edu
 PWS *wsk@space.physics.uiowa.edu
 *Leonard.F.Burlaga@nasa.gov
 *Donald-Gurnett@uiowa.edu

FLIGHT TEAM (14) 600-100

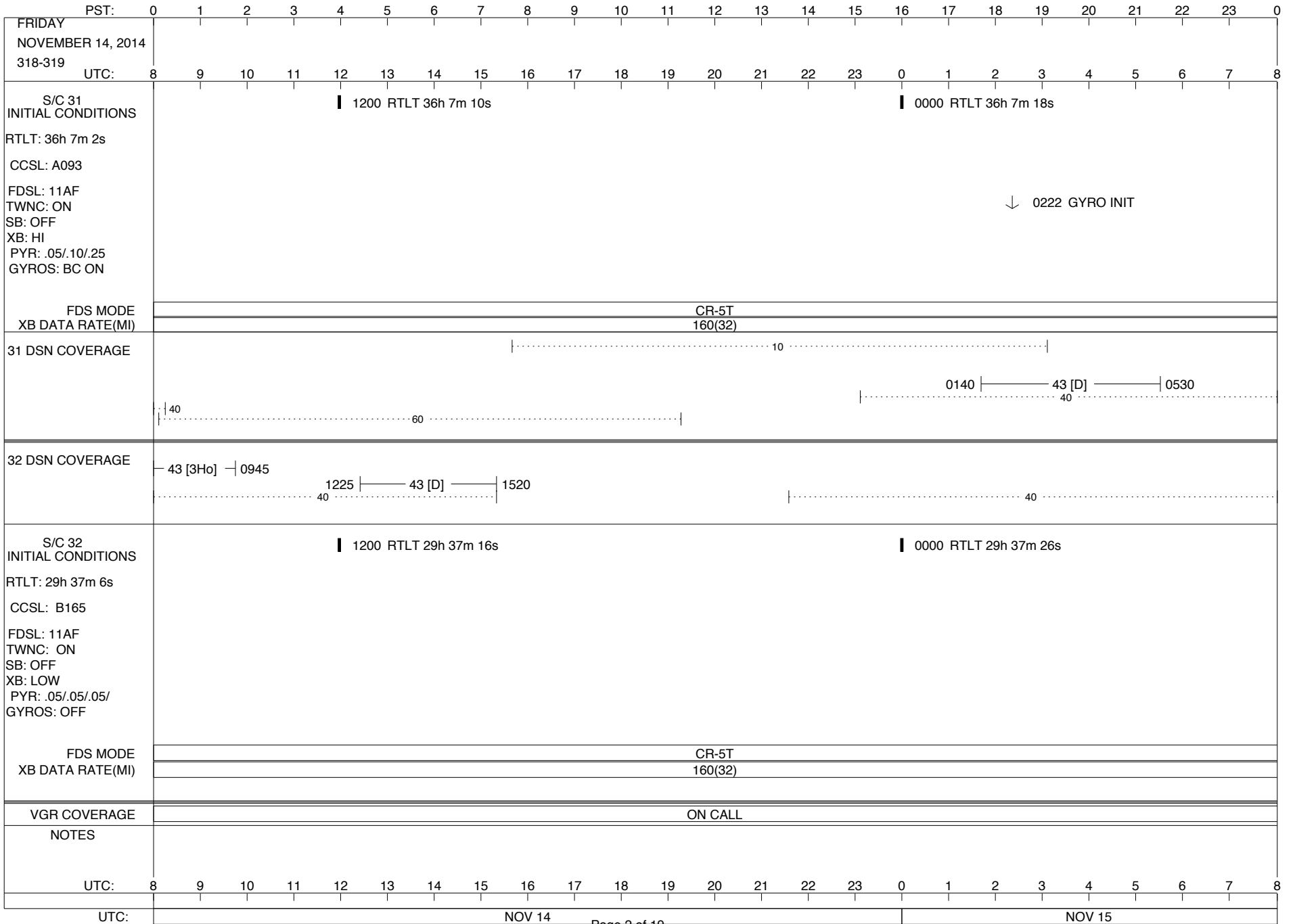
Dodd, S.
 Hall, J.
 Howard, S. (3)
 Ludwig, R. (2)
 Matsumoto, S.
 Medina
 Peralta, F.
 Weeks, T.
 Wong, R.
 Yang, L.
 Zottarelli, L.
 *odivers@san.rr.com

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



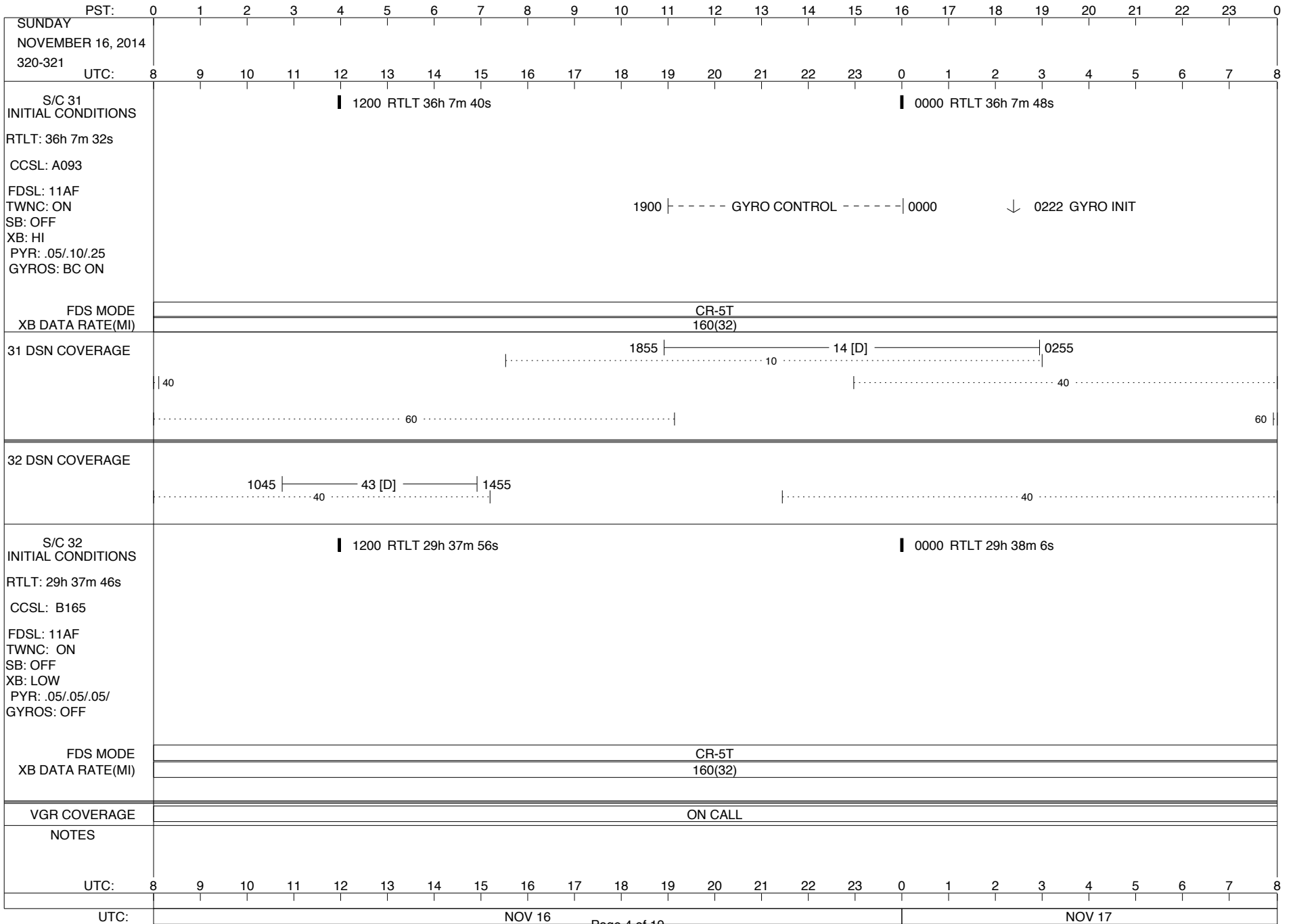
ISSUE DATE: 11/11/14 13:42



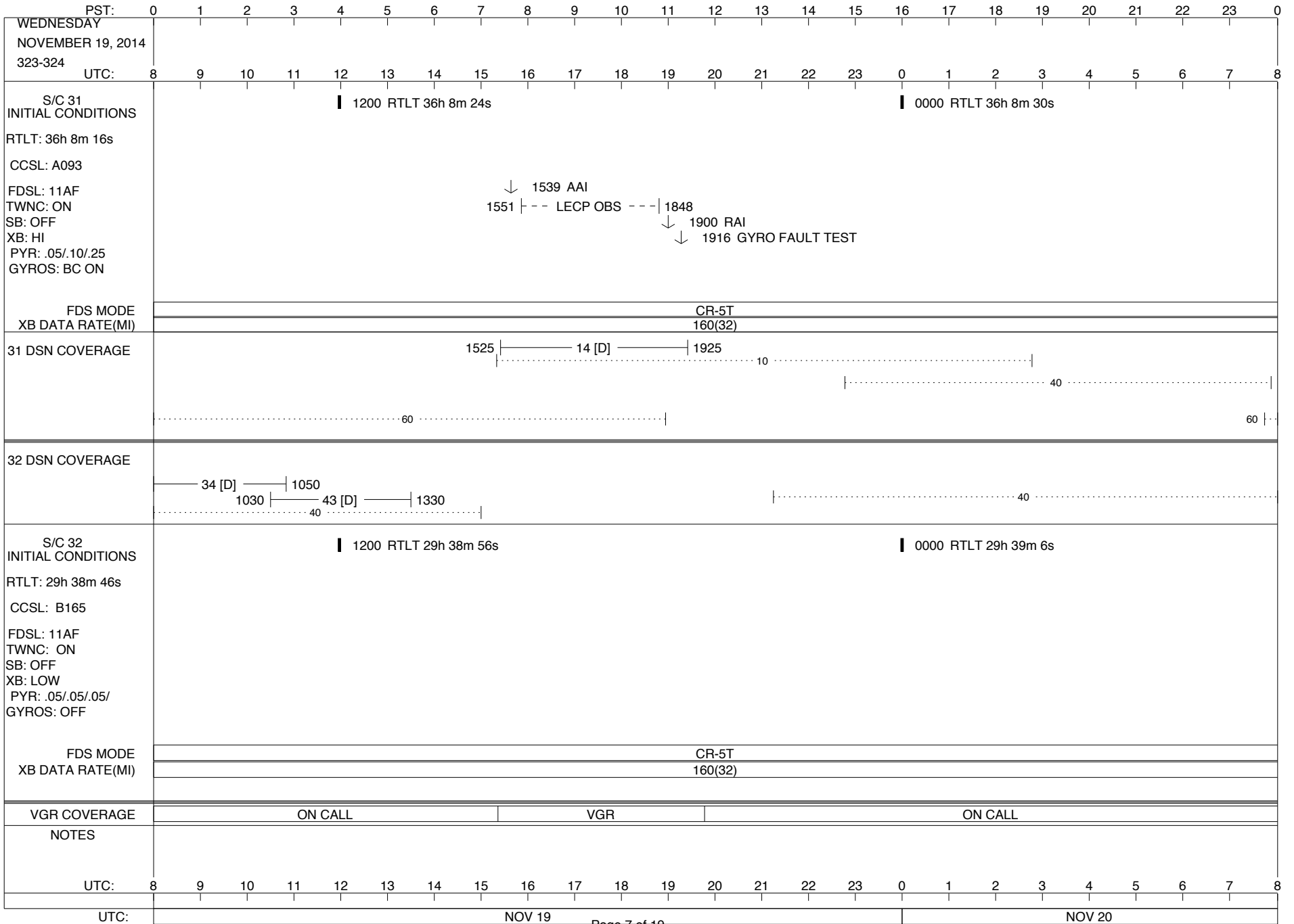
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S/C 31 INITIAL CONDITIONS					█	1200	RTL	36h	7m	26s							█	0000	RTL	36h	7m	32s			
RTL: 36h 7m 18s																									
CCSL: A093																									
FDSL: 11AF																									
TWNC: ON																									
SB: OFF																									
XB: HI																									
PYR: .05/.10/.25																									
GYROS: BC ON																									
FDS MODE																									
XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS					█	1200	RTL	29h	37m	36s							█	0000	RTL	29h	37m	46s			
RTL: 29h 37m 26s																									
CCSL: B165																									
FDSL: 11AF																									
TWNC: ON																									
SB: OFF																									
XB: LOW																									
PYR: .05/.05/.05/																									
GYROS: OFF																									
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
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S/C 31 INITIAL CONDITIONS RTLTL: 36h 8m 30s CCSL: A093 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	<p>1200 RTLTL 36h 8m 38s</p>												<p>0000 RTLTL 36h 8m 44s</p> <p>0213 AAI ↓ 0225 - LECP OBS - - 0457 0421 TAPPOS 0543 RAI 0509 ↓ GYRO FAULT TEST 0525 ↓ X/B LOW POWER 0533 ↓ BAY 1 HTR ON 0537 ↓ DISA GYRO FAULT TEST 0538 ↓ GYRO SWAP AC ON 0539 ↓ GYRO INIT 0539 ↓ GYRO FAULT TEST 0549 ↓ 0724 GS-4B 0725 ↓ TAPPOS 0735 - PWS/RH 0724 - 0725 -</p>													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	<p>.....10.....</p> <p>.....60.....</p> <p>.....013043 [D]0545.....</p> <p>.....40.....</p> <p>.....60</p>																									
32 DSN COVERAGE	<p>.....105543 [D]1455.....</p> <p>.....40.....40.....</p> <p>.....34 [o] 0715</p>																									
S/C 32 INITIAL CONDITIONS RTLTL: 29h 39m 6s CCSL: B165 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.05/.05/ GYROS: OFF	<p>1200 RTLTL 29h 39m 16s</p>												<p>0000 RTLTL 29h 39m 26s</p>													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
VGR COVERAGE	ON CALL												VGR						ON CALL							
NOTES	<p>[1] S/C 31=GS-4B @ 0724 XB=2.8K(41) NOT RECOVERABLE</p> <p>[2] S/C 31=GS-4B @ 07:2 XB=2.8K(41) NOT RECOVERABLE</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	
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FRIDAY NOVEMBER 21, 2014 325-326		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 8m 44s CCSL: A093 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON		1200 RTLT 36h 8m 52s												0000 RTLT 36h 8m 58s																							
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																																			
31 DSN COVERAGE		<p>1850 ----- 14 [D] ----- 2125</p> <p>2300 ----- 43 [D] ----- 0300</p> <p>1510 ----- 63 [1T] ----- 1910</p> <p>60 ----- 60</p>																																			
32 DSN COVERAGE		<p>34 [o] ----- 1110</p> <p>1220 ----- 43 [D] ----- 1420</p> <p>40 ----- 40</p> <p>35 [D] 0705 ----- </p>																																			
S/C 32 INITIAL CONDITIONS RTLT: 29h 39m 26s CCSL: B165 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.05/.05/ GYROS: OFF		1200 RTLT 29h 39m 36s												0000 RTLT 29h 39m 46s																							
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																																			
VGR COVERAGE		ON CALL												VGR												ON CALL											
NOTES		[1] DSS-63 RTS U/L DEMO																																			
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 21												NOV 22																							

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: 36h 8m 58s CCSL: A093 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON	1200 RTLT 36h 9m 4s												0000 RTLT 36h 9m 12s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	1510 14 [D] 1705												0130 43 [D] 0530												
32 DSN COVERAGE	35 [D] 1105												1335 43 [D] 1445												
S/C 32 INITIAL CONDITIONS RTLT: 29h 39m 46s CCSL: B165 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.05/.05/ GYROS: OFF	1200 RTLT 29h 39m 56s												0000 RTLT 29h 40m 6s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 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 22												NOV 23												

ISSUE DATE: 11/11/14 13:42

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SUNDAY NOVEMBER 23, 2014 327-328																												
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S/C 31 INITIAL CONDITIONS	1200 RTLT 36h 9m 18s												0000 RTLT 36h 9m 24s															
RTLT: 36h 9m 12s																												
CCSL: A093																												
FDSL: 11AF	-- 0829 TAPPOS																											
TWNC: ON	1023 1025 PWS/RH																											
SB: OFF	1035 --- 1129 TAPPOS																											
XB: LOW																												
PYR: .05/.10/.25																												
GYROS: AC ON																												
	↓ 1023 GS-4B 1025																											
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> 60 10 </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> 60 0340 - 0735 43 [D] 40 </div>																											
32 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> 1045 43 [D] 1445 40 </div>																											
S/C 32 INITIAL CONDITIONS	1200 RTLT 29h 40m 14s												0000 RTLT 29h 40m 24s															
RTLT: 29h 40m 6s																												
CCSL: B165																												
FDSL: 11AF																												
TWNC: ON																												
SB: OFF																												
XB: LOW																												
PYR: .05/.05/.05/																												
GYROS: OFF																												
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
VGR COVERAGE	ON CALL																											
NOTES	[1] S/C 31=GS-4B @ 1023 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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TUESDAY NOVEMBER 25, 2014 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 RTLTL: 36h 9m 38s CCSL: A093 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON					█ 1200 RTLTL 36h 9m 44s												█ 0000 RTLTL 36h 9m 50s									
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 RTLTL: 29h 40m 24s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.05/.05/ GYROS: OFF					█ 1200 RTLTL 29h 40m 52s												█ 0000 RTLTL 29h 41m 2s									
FDS MODE	EL-40											CR-5T														
XB DATA RATE(MI)	40(30)											160(32)														
VGR COVERAGE	VGR		ON CALL		VGR		ON CALL		VGR		ON CALL		VGR		ON CALL											
NOTES	[1] S/C 31=GS-4B @ 0047 XB=2.8K(41) NOT RECOVERABLE [2] S/C 32=CR-5T @ 1032 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 25													NOV 26												

ISSUE DATE: 11/11/14 13:42

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WEDNESDAY NOVEMBER 26, 2014 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: 36h 9m 50s CCSL: A093 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 9m 56s												0000 RTLT 36h 10m 2s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE													2315 ----- 43 [T] ----- 0300 ----- 40 -----												
32 DSN COVERAGE	1030 ----- 43 [D] ----- 1430 ----- 40 -----																								
S/C 32 INITIAL CONDITIONS RTLT: 29h 41m 2s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.05/.05/ GYROS: OFF	1200 RTLT 29h 41m 12s												0000 RTLT 29h 41m 20s												
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
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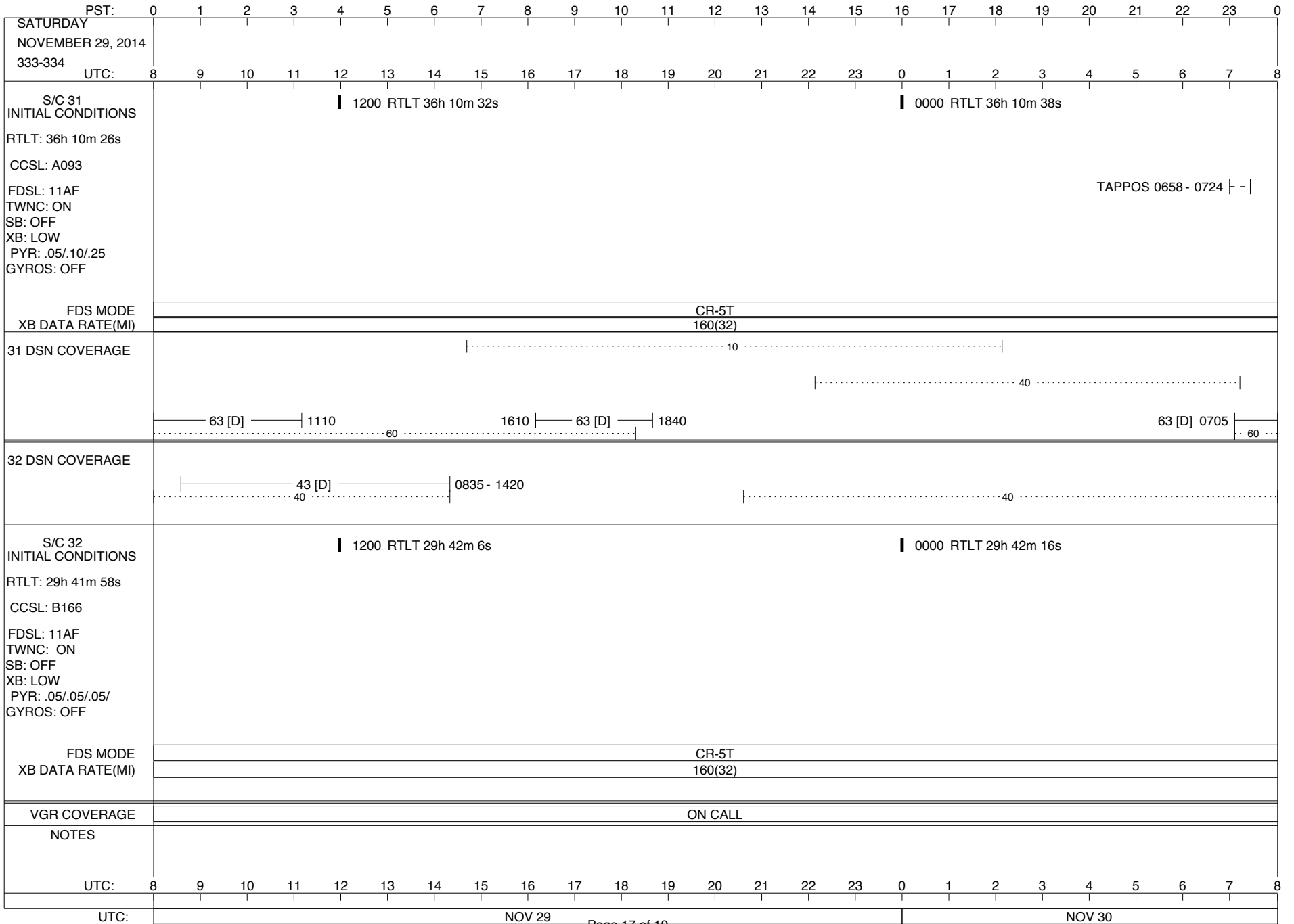
ISSUE DATE: 11/11/14 13:42

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THURSDAY NOVEMBER 27, 2014 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: 36h 10m 2s CCSL: A093 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLTL 36h 10m 8s</p> <p>0000 RTLTL 36h 10m 14s</p> <p>----- TLC (SHORT-FORM) -----</p> <p>0358 -- 0438 TAPPOS PWS/RH 0700 0701 TAPPOS 0712- 0738 - </p> <p>0700 GS-4B 0701 ↓</p>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32) CR-5T
31 DSN COVERAGE	<p>1450 ----- 14 [D] ----- 1850</p> <p>..... 10</p> <p>..... 40</p> <p>..... 60</p> <p>..... 60</p>
32 DSN COVERAGE	<p>1030 ----- 43 [D] ----- 1430</p> <p>..... 40</p> <p>..... 40</p>
S/C 32 INITIAL CONDITIONS RTLTL: 29h 41m 20s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.05/.05/ GYROS: OFF	<p>1200 RTLTL 29h 41m 30s</p> <p>0000 RTLTL 29h 41m 40s</p>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
VGR COVERAGE	ON CALL
NOTES	[1] S/C 31=GS-4B @ 0700 XB=2.8K(41) NOT RECOVERABLE JPL HOLIDAY!
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UTC: NOV 27 NOV 28	

ISSUE DATE: 11/11/14 13:42


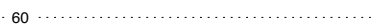
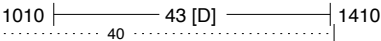

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FRIDAY NOVEMBER 28, 2014 332-333																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 36h 10m 14s CCSL: A093 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 36h 10m 20s												█ 0000 RTLT 36h 10m 26s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	1445 ----- 14 [D] ----- 1845												10 ----- 40												
60.....												63 [D] 0710 ----- 60 ----												
32 DSN COVERAGE	1025 ----- 43 [D] ----- 1425												40 ----- 40												
S/C 32 INITIAL CONDITIONS RTLT: 29h 41m 40s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.05/.05/ GYROS: OFF	█ 1200 RTLT 29h 41m 48s												█ 0000 RTLT 29h 41m 58s												
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 28												NOV 29												

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SUNDAY NOVEMBER 30, 2014 334-335																										
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S/C 31 INITIAL CONDITIONS	1200 RTLT 36h 10m 44s												0000 RTLT 36h 10m 50s													
RTLT: 36h 10m 38s																										
CCSL: A093																										
FDSL: 11AF																										
TWNC: ON																										
SB: OFF																										
XB: LOW																										
PYR: .05/.10/.25																										
GYROS: OFF																										
	1000 1001 PWS/RH 1012 1024 TAPPOS																									
	↓ 1000 GS-4B 1001																									
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	1440 ----- 14 [D] ----- 1840 10 0120 ----- 43 [D] ----- 0520 40 0855 63 [D] 60																									
32 DSN COVERAGE	1015 ----- 43 [D] ----- 1415 40 40																									
S/C 32 INITIAL CONDITIONS	1200 RTLT 29h 42m 24s												0000 RTLT 29h 42m 34s													
RTLT: 29h 42m 16s																										
CCSL: B166																										
FDSL: 11AF																										
TWNC: ON																										
SB: OFF																										
XB: LOW																										
PYR: .05/.05/.05/																										
GYROS: OFF																										
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
VGR COVERAGE	ON CALL																									
NOTES	[1] S/C 31=GS-4B @ 1000 XB=2.8K(41) NOT RECOVERABLE																									
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UTC:	NOV 30																DEC 01									

ISSUE DATE: 11/11/14 13:42

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 1, 2014 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: 36h 10m 50s CCSL: A093 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;">  <p>1200 RTLT 36h 10m 56s</p> </div>																								
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	<div style="text-align: center;">  <p>60</p> </div>																								
32 DSN COVERAGE	<div style="text-align: center;">  <p>1010 43 [D] 1410</p> </div>																								
S/C 32 INITIAL CONDITIONS RTLT: 29h 42m 34s CCSL: B166 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.05/.05/ GYROS: OFF	<div style="text-align: center;">  <p>1200 RTLT 29h 42m 42s</p> </div>																								
FDS MODE XB DATA RATE(MI)													CR-5T 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												