

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: July 23, 2014

For the Period: 07/17/14 to 08/04/14 (14-198 – 14-216)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

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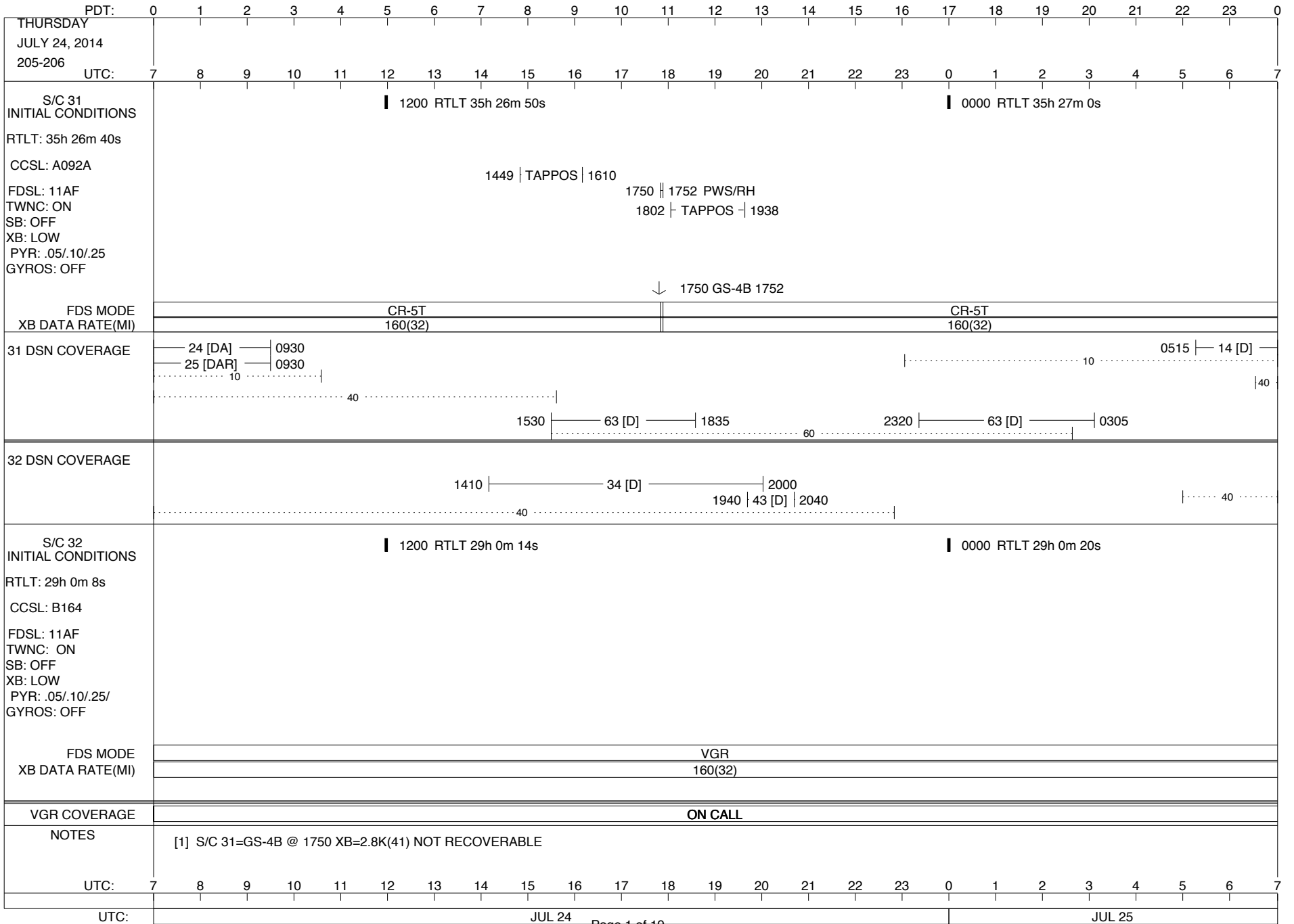
FLIGHT TEAM (14) 600-100

Dodd, S.
 Hall, J.
 Howard, S. (3)
 Ludwig, R. (2)
 Matsumoto, S.
 Medina
 Peralta, F.
 Weeks, T.
 Wong, R.
 Yang, L.
 Zottarelli, L.
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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

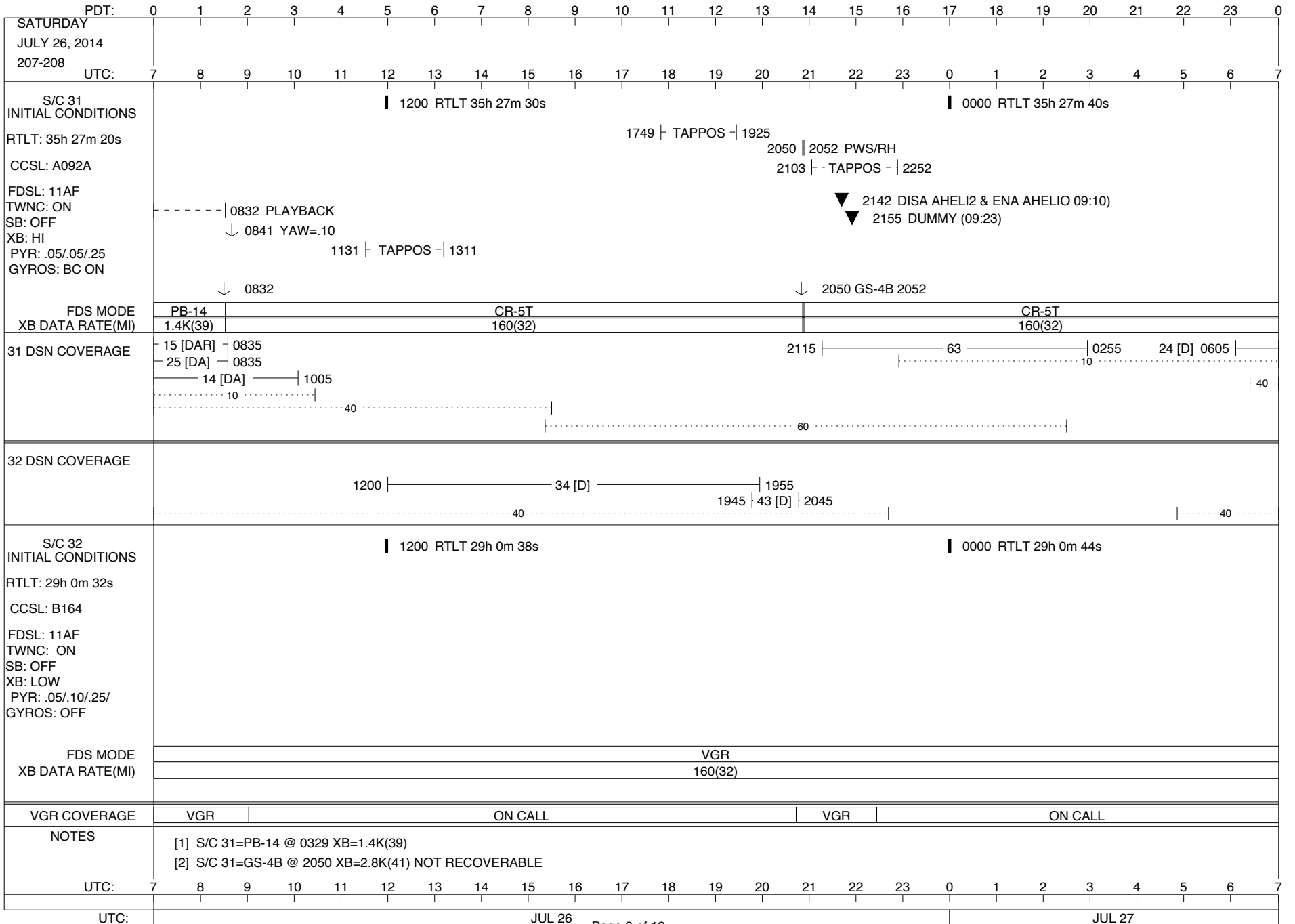
ISSUE DATE: 07/23/14 14:19



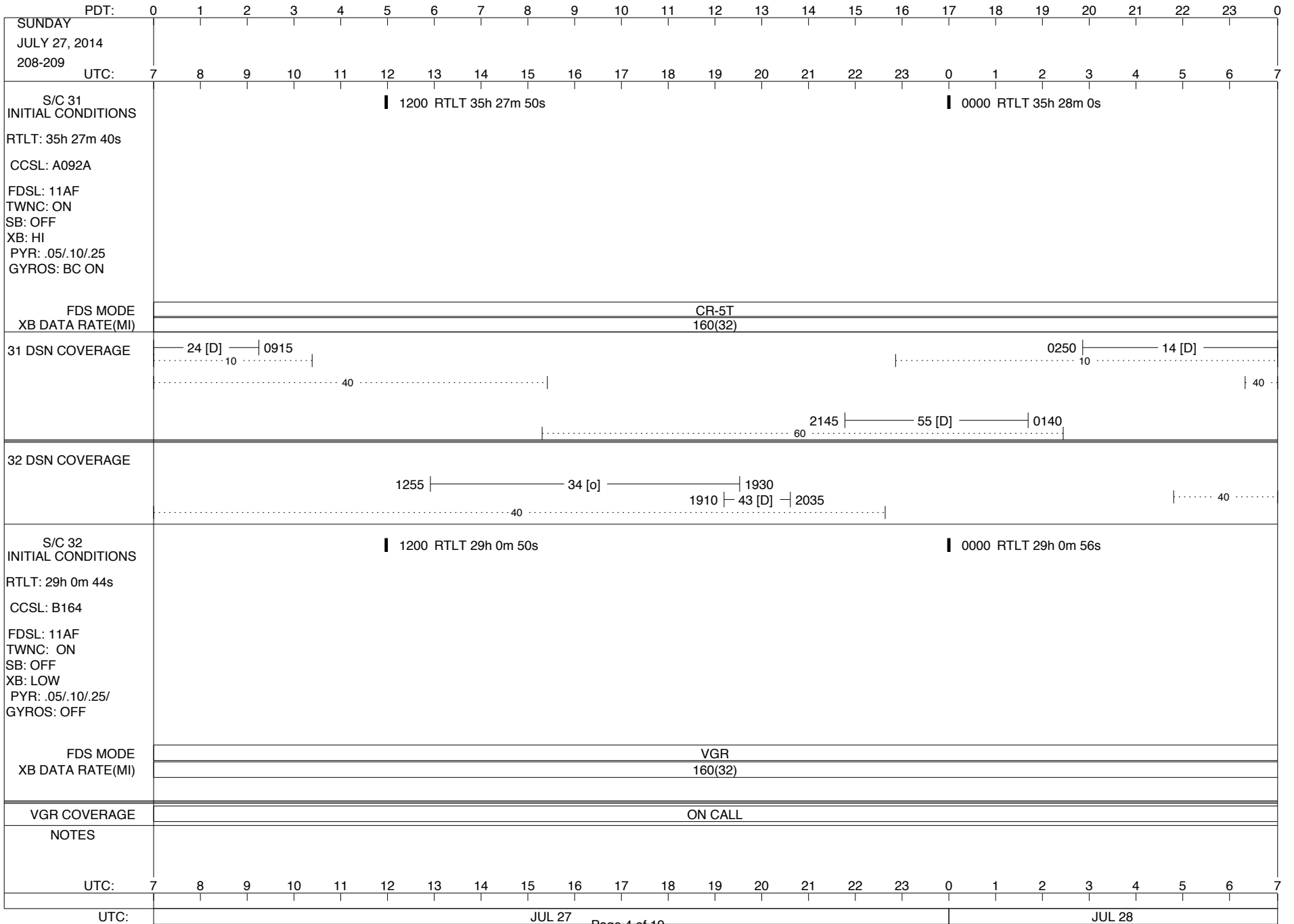
ISSUE DATE: 07/23/14 14:19

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FRIDAY JULY 25, 2014 206-207																											
S/C 31 INITIAL CONDITIONS RTLT: 35h 27m 0s CCSL: A092A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 27m 10s												0000 RTLT 35h 27m 20s														
FDS MODE	CR-5T												PB-14														
XB DATA RATE(MI)	160(32)												1.4K(39)														
31 DSN COVERAGE	14 [D] | 1025												0300 | 15 [DAR]														
	10 |												0300 | 25 [DA]														
	40 |												0300 | 14 [DA]														
													10 |														
													2310 | 63 [D] | 0255														
													60 |														
													40 |														
32 DSN COVERAGE	1230 | 45 [D] | 2000																										
	40 |																										
													40 |														
S/C 32 INITIAL CONDITIONS RTLT: 29h 0m 20s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 29h 0m 26s												0000 RTLT 29h 0m 32s														
FDS MODE	VGR																										
XB DATA RATE(MI)	160(32)																										
VGR COVERAGE	ON CALL												VGR														
NOTES																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
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ISSUE DATE: 07/23/14 14:19



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ISSUE DATE: 07/23/14 14:19

PDT:	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 JULY 28, 2014 209-210																									
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S/C 31 INITIAL CONDITIONS RTLT: 35h 28m 0s CCSL: A092A 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 RTLT: 29h 0m 56s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF																									
FDS MODE XB DATA RATE(MI)																									
VGR COVERAGE																									
NOTES																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
UTC:	JUL 28														JUL 29										

PDT:	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 JULY 29, 2014 210-211																												
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S/C 31 INITIAL CONDITIONS RTLTL: 35h 28m 20s CCSL: A092A FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	<p>1200 RTLT 35h 28m 30s</p> <p>1114 1115 BL PWS/RH</p> <p>↓ 1114 GS-4B 1115</p>												<p>0000 RTLT 35h 28m 40s</p> <p>TAPPOS 2156 --- 2252</p> <p>↓ 2317 ALL DB=.05</p> <p>↓ 2333 AAI</p> <p>2334 --- 0011 ASCAL</p> <p>↓ 0008 RAI</p> <p>↓ 0011 CRU</p> <p>↓ 0019 GYRO FAULT TEST</p> <p>↓ 0019 ROLL=.25</p> <p>0101 0102 AHELIO PWSREC 1</p> <p>↓ 0145 GYRO INIT</p> <p>EL-40 2302 ↓</p> <p>0013 CR-5T ↓ ↓ 0101 GS-4B 0102</p>															
FDS MODE	CR-5T						CR-5T						EL-40			CR-5T												
XB DATA RATE(MI)	160(32)						160(32)						40(30)			160(32)												
31 DSN COVERAGE	<p>14 [D] | 1010</p> <p>.....|</p> <p>.....40 .....</p>														<p>.....|</p> <p>.....2245 | 63 [D] | 0245</p> <p>.....60 .....</p> <p>.....| 40</p>													
32 DSN COVERAGE	<p>1020 | 35 [D1] | 1420</p> <p>.....|</p> <p>.....1400 | 45 [D] | 1940</p> <p>.....40 .....</p>														<p>.....|</p> <p>.....40</p>													
S/C 32 INITIAL CONDITIONS RTLTL: 29h 1m 8s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	<p>1200 RTLT 29h 1m 14s</p>												<p>0000 RTLT 29h 1m 20s</p>															
FDS MODE	VGR																											
XB DATA RATE(MI)	160(32)																											
VGR COVERAGE	ON CALL														VGR			ON CALL										
NOTES	<p>[1] DSS-35 PIT</p> <p>[2] S/C 31=GS-4B @ 1114 XB=2.8K(41) NOT RECOVERABLE</p> <p>[3] S/C 31=EL-40 @ 2302 XB=40(30)</p>														<p>[4] S/C 31=D/L /SNR VARIATIONS EXPECTED DURING ASCAL (2334-0011)</p> <p>[5] S/C 31=CR-5T @ 0013 XB=160(32)</p> <p>[6] S/C 31=GS-4B @ 0101 XB=2.8K(41) NOT RECOVERABLE</p>													
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ISSUE DATE: 07/23/14 14:19

PDT:	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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WEDNESDAY JULY 30, 2014 211-212																												
S/C 31 INITIAL CONDITIONS RTLTL: 35h 28m 40s CCSL: A092A FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 35h 28m 52s														0000 RTLT 35h 29m 2s													
--- TLC (SHORT-FORM) ---| D/L -| 1216	1021 | 1022 AHELIO PWSREC 2														1941 | 1942 AHELIO PWSREC 3							AHELIO PWSREC 4 0501 | 0502						
FDS MODE	CR-5T							CR-5T							CR-5T							CR-5T						
XB DATA RATE(MI)	160(32)							160(32)							160(32)							160(32)						
31 DSN COVERAGE	1100 |----- 43 [D] -----| 1500														2240 |----- 55 [D] -----| 0130													
32 DSN COVERAGE	1420 |----- 45 [D] -----| 1905														1845 |----- 43 [D] -----| 2140													
S/C 32 INITIAL CONDITIONS RTLTL: 29h 1m 20s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 29h 1m 28s														0000 RTLT 29h 1m 34s													
FDS MODE	VGR																											
XB DATA RATE(MI)	160(32)																											
VGR COVERAGE	ON CALL																											
NOTES	[1] S/C 31=GS-4B @ 1021 XB=2.8K(41) NOT RECOVERABLE [2] S/C 31=GS-4B @ 1941 XB=2.8K(41) NOT RECOVERABLE [3] S/C 31=GS-4B @ 0501 XB=2.8K(41) NOT RECOVERABLE																											
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UTC:	JUL 30														JUL 31													

ISSUE DATE: 07/23/14 14:19

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THURSDAY JULY 31, 2014 212-213																									
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S/C 31 INITIAL CONDITIONS RTLT: 35h 29m 2s CCSL: A092A FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 35h 29m 12s												0000 RTLT 35h 29m 22s												
	1422 | 1422 AHELIO PWSREC 5												2346 | 2346 AHELIO PWSREC 6												
	↓ 1422 GS-4B 1422												↓ 2346 GS-4B 2346												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	25 [D] | 0900 10 ..... | 0840 | 35 [D1] | 1240 ..... | 40												0545 | 25 [D] | ..... | 10 ..... | 40 1600 | 63 [D] | 1955 ..... | 60 ..... | 2215 | 54 [D] | 0125 ..... |												
32 DSN COVERAGE	1400 | 34 [D] | 1935 ..... | 40 ..... | 1930 | 43 [B] | 2140 ..... | 40																								
S/C 32 INITIAL CONDITIONS RTLT: 29h 1m 34s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 29h 1m 40s												0000 RTLT 29h 1m 46s												
													▼ 2002 DUMMY (5 MIN BRACKETED 01:04)												
FDS MODE													VGR												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE	ON CALL												VGR						ON CALL						
NOTES	[1] DSS-35 PIT [2] S/C 31=GS-4B @ 1422 XB=2.8K(41) NOT RECOVERABLE [3] S/C 31=GS-4B @ 2346 XB=2.8K(41) NOT RECOVERABLE																								
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ISSUE DATE: 07/23/14 14:19

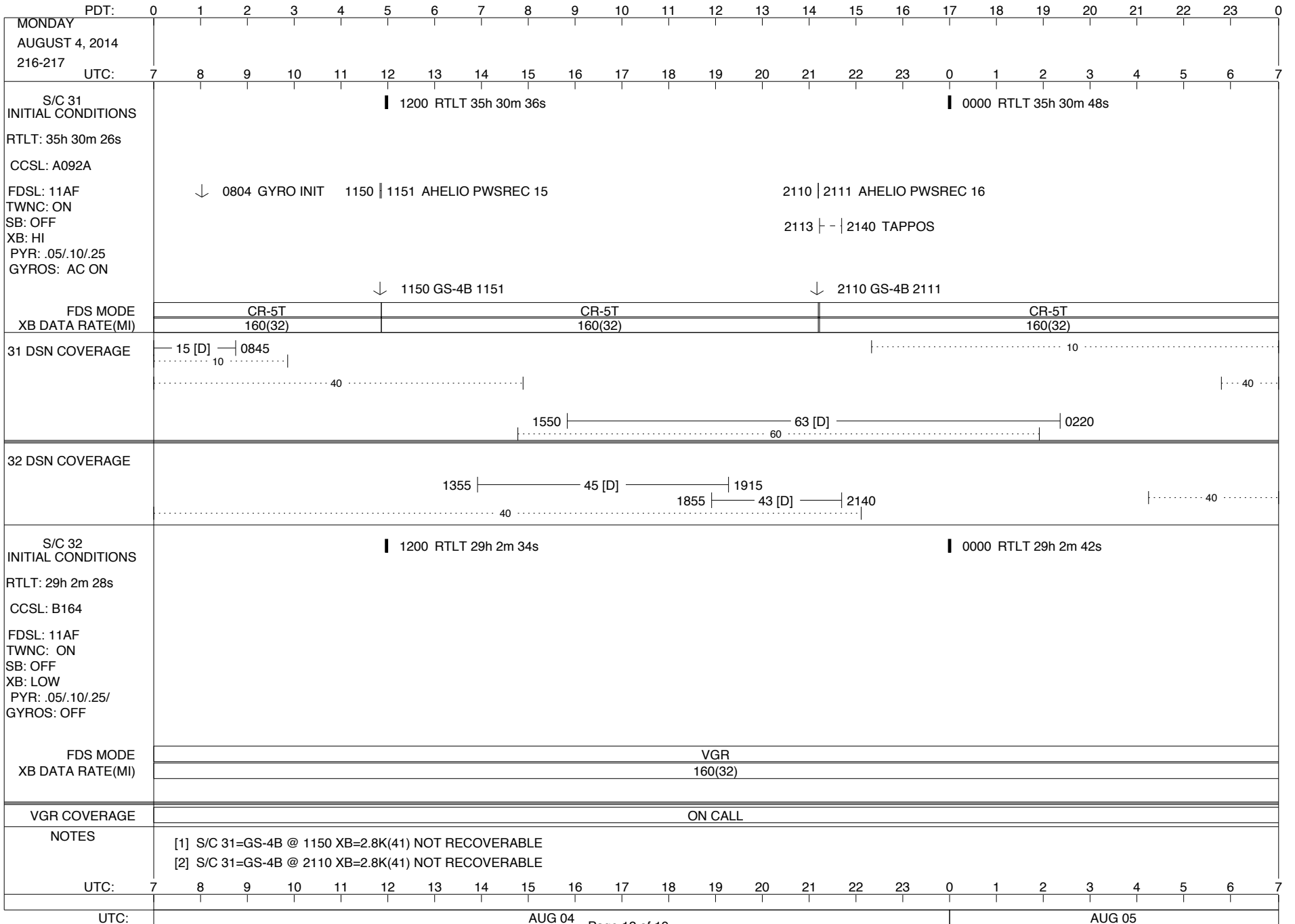
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FRIDAY AUGUST 1, 2014 213-214																																																
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7																							
S/C 31 INITIAL CONDITIONS RTLT: 35h 29m 22s CCSL: A092A FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 35h 29m 32s												0000 RTLT 35h 29m 44s																																			
	0906 | 0906 AHELIO PWSREC 7												1826 | 1827 AHELIO PWSREC 8												AHELIO PWSREC 9 0346 | 0347																							
	↓ 0906 GS-4B 0906												↓ 1826 GS-4B 1827												↓ 0346 GS-4B 0347																							
FDS MODE	CR-5T												CR-5T												CR-5T												CR-5T											
XB DATA RATE(MI)	160(32)												160(32)												160(32)												160(32)											
31 DSN COVERAGE	25 [D] | 0855 10												0015 | 14 [DA] 0115 | 15 [DA] 0115 | 26 [DAR] 10												2225 | 55 [D] | 0035 60 40											
32 DSN COVERAGE	1225 | 34 [D] 40												1910 | 43 [D] | 2150 40																																			
S/C 32 INITIAL CONDITIONS RTLT: 29h 1m 46s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 29h 1m 54s												0000 RTLT 29h 2m 0s																																			
FDS MODE													VGR																																			
XB DATA RATE(MI)													160(32)																																			
VGR COVERAGE	ON CALL												VGR																																			
NOTES	[1] S/C 31=GS-4B @ 0906 XB=2.8K(41) NOT RECOVERABLE												[3] S/C 31=GS-4B @ 0346 XB=2.8K(41) NOT RECOVERABLE												[4] S/C 31 D/L AGC VARIATIONS EXPECTED DURING MAGROL (0158-0754)																							
	[2] S/C 31=GS-4B @ 1826 XB=2.8K(41) NOT RECOVERABLE																																															
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UTC:	AUG 01												AUG 02																																			

ISSUE DATE: 07/23/14 14:19

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SATURDAY AUGUST 2, 2014 214-215																																						
S/C 31 INITIAL CONDITIONS RTLT: 35h 29m 44s CCSL: A092A FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON		1200 RTLT 35h 29m 54s												0000 RTLT 35h 30m 4s																								
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)						CR-5T 160(32)						CR-5T 160(32)																								
31 DSN COVERAGE		14 [DA] 0845 15 [DA] 0845 26 [DAR] 0845 10										40										2020 63 [D] 0225 60							0415 26 [D] 40									
32 DSN COVERAGE		1310 40 43 [o] 2115										40																										
S/C 32 INITIAL CONDITIONS RTLT: 29h 2m 0s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF		1200 RTLT 29h 2m 6s												0000 RTLT 29h 2m 14s																								
FDS MODE XB DATA RATE(MI)		VGR 160(32)																																				
VGR COVERAGE		VGR						ON CALL												VGR						ON CALL												
NOTES		[1] S/C 31=GS-4B @ 1306 XB=2.8K(41) NOT RECOVERABLE [2] S/C 31=GS-4B @ 2226 XB=2.8K(41) NOT RECOVERABLE																																				
UTC:		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7												
UTC:		AUG 02															AUG 03																					

ISSUE DATE: 07/23/14 14:19

PDT: 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 AUGUST 3, 2014 215-216	
UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7	
S/C 31 INITIAL CONDITIONS RTLT: 35h 30m 4s CCSL: A092A FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: AC ON	<p>1200 RTLT 35h 30m 16s</p> <p>0750 | 0751 AHELIO PWSREC 12</p> <p>1710 | 1711 AHELIO PWSREC 13</p> <p>0230 | 0231 AHELIO PWSREC 14</p> <p>↓ 0750 GS-4B 0751</p> <p>↓ 1710 GS-4B 1711</p> <p>↓ 0230 GS-4B 0231</p>
FDS MODE	CR-5T
XB DATA RATE(MI)	160(32)
31 DSN COVERAGE	<p>26 [D] | 0850</p> <p>10 | 40</p> <p>1615 | 63 [D] | 0225</p> <p>60 | 40</p>
32 DSN COVERAGE	<p>1405 | 34 [D] | 1820</p> <p>1800 | 43 [D] | 2210</p> <p>40 | 40</p>
S/C 32 INITIAL CONDITIONS RTLT: 29h 2m 14s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	<p>1200 RTLT 29h 2m 20s</p> <p>0000 RTLT 29h 2m 28s</p>
FDS MODE	VGR
XB DATA RATE(MI)	160(32)
VGR COVERAGE	ON CALL
NOTES	<p>[1] S/C 31=GS-4B @ 0750 XB=2.8K(41) NOT RECOVERABLE</p> <p>[2] S/C 31=GS-4B @ 1710 XB=2.8K(41) NOT RECOVERABLE</p> <p>[3] S/C 31=GS-4B @ 0230 XB=2.8K(41) NOT RECOVERABLE</p>
UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7	
UTC: AUG 03 AUG 04	



PDT:	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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UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 35h 30m 48s CCSL: A092A FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: AC ON	1200 RTLT 35h 30m 58s												0000 RTLT 35h 31m 8s												
	1052 | 1052 BL PWS/RH												1545 P-SSB OFFSET PATCH UPD (03:16)												
													1550 DUMMY (03:21)												
													2133 | -- TAPPOS -- | 2352												
													0038 | 0039 AHELIO PWSREC 17												
	↓ 1051 GS-4B 1052												↓ 0038 GS-4B 0039												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	.....10.....|												|.....10.....14 [D] 0615 |												
	.....40.....|												|.....40.....											
	1500 |-----63-----| 1845												2140 |-----65 [D]-----| 0105												
													0050 |-----63 [D]-----| 0210												
	|-----60-----|												|-----60-----|												
32 DSN COVERAGE	1350 |-----45 [D]-----| 1850																								
	.....40.....|												|.....40.....											
S/C 32 INITIAL CONDITIONS RTLT: 29h 2m 42s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 29h 2m 48s												0000 RTLT 29h 2m 56s												
FDS MODE													VGR												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE	ON CALL												VGR												
													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1051 XB=2.8K(41) NOT RECOVERABLE																								
	[2] S/C 31=GS-4B @ 0038 XB=2.8K(41) NOT RECOVERABLE																								
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
UTC:	AUG 05												AUG 06												

PDT: 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 AUGUST 6, 2014 218-219 UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7									
S/C 31 INITIAL CONDITIONS RTLTL: 35h 31m 8s CCSL: A092A FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: AC ON	1200 RTLTL 35h 31m 20s 0000 RTLTL 35h 31m 30s ↓ 0804 GYRO INIT U/L 1930 - - - - - TLC (SHORT-FORM) - - - - - 0959 0959 AHELIO PWSREC 18 1919 1919 AHELIO PWSREC 19 PITCH SSB COMP UPD 0317 * SID MRO 0318 * 0319 AHELIO PWSREC 20 0439 0439 ↓ 0959 GS-4B 0959 ↓ 1919 GS-4B 1919 0439 GS-4B 0439 ↓								
FDS MODE XB DATA RATE(MI)	<table border="1"> <tr> <td>CR-5T</td> <td>CR-5T</td> <td>CR-5T</td> <td>CR-5T</td> </tr> <tr> <td>160(32)</td> <td>160(32)</td> <td>160(32)</td> <td>160(32)</td> </tr> </table>	CR-5T	CR-5T	CR-5T	CR-5T	160(32)	160(32)	160(32)	160(32)
CR-5T	CR-5T	CR-5T	CR-5T						
160(32)	160(32)	160(32)	160(32)						
31 DSN COVERAGE	14 [D] 0940 0215 26 [D] 10 10 40 40 1545 63 [T] 0025 60								
32 DSN COVERAGE	1405 34 [o] 1910 1845 43 [D] 2155 40 40								
S/C 32 INITIAL CONDITIONS RTLTL: 29h 2m 56s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 29h 3m 4s 0000 RTLTL 29h 3m 10s								
FDS MODE XB DATA RATE(MI)	VGR 160(32)								
VGR COVERAGE	ON CALL								
NOTES	[1] S/C 31=GS-4B @ 0959 XB=2.8K(41) NOT RECOVERABLE [2] S/C 31=GS-4B @ 1919 XB=2.8K(41) NOT RECOVERABLE [3] S/C 31=GS-4B @ 0439 XB=2.8K(41) NOT RECOVERABLE								
UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7									
UTC: AUG 06 AUG 07									

PDT:	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 AUGUST 7, 2014 219-220																																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7																	
S/C 31 INITIAL CONDITIONS RTLTL: 35h 31m 30s CCSL: A092A FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: AC ON	1200 RTLT 35h 31m 42s												0000 RTLT 35h 31m 52s																													
----- TLC (SHORT-FORM) -----																																										
1359 | 1400 AHELIO PWSREC 21														2323 | 2324 AHELIO PWSREC 22																												
↓ 1359 GS-4B 1400														↓ 2323 GS-4B 2324																												
FDS MODE	CR-5T												CR-5T												CR-5T																	
XB DATA RATE(MI)	160(32)												160(32)												160(32)																	
31 DSN COVERAGE	26 [D] | 0835 10 40												0340 | 15 [D] | ..... 10 40												2035 | 63 [D] | 0205 60 40																	
32 DSN COVERAGE	1535 | 45 [D] | 1905 40 1900 | 43 [B] | 2150 40												1917 DUMMY (5 MIN BRACKETED 00:21)												0205 | 40																	
S/C 32 INITIAL CONDITIONS RTLTL: 29h 3m 10s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 29h 3m 18s												0000 RTLT 29h 3m 24s																													
FDS MODE	VGR																																									
XB DATA RATE(MI)	160(32)																																									
VGR COVERAGE	ON CALL														VGR														ON CALL													
NOTES	[1] S/C 31=GS-4B @ 1359 XB=2.8K(41) NOT RECOVERABLE [2] S/C 31=GS-4B @ 2323 XB=2.8K(41) NOT RECOVERABLE																																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7																	
UTC:	AUG 07														AUG 08																											

ISSUE DATE: 07/23/14 14:19

PDT:	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 AUGUST 8, 2014 220-221	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 35h 31m 52s CCSL: A092A FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: AC ON	1200 RTLT 35h 32m 4s												0000 RTLT 35h 32m 14s												
TLC (SHORT-FORM) D/L -| 0829	↓ 0805 GYRO INIT												↓ 1706 GYROS OFF												
0843 | 0844 AHELIO PWSREC 23	1803 | 1804 AHELIO PWSREC 24												AHELIO PWSREC 25 0323 | 0324												
↓ 0843 GS-4B 0844	↓ 1803 GS-4B 1804												↓ 0323 GS-4B 0324												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)				CR-5T 160(32)				CR-5T 160(32)				CR-5T 160(32)												
31 DSN COVERAGE	15 [D] | 0830												10												
40												40													
1610 | 63 [D]												0025													
60																									
32 DSN COVERAGE	1315 | 45 [D]												1900												
40												1840 | 43 [D] | 2005													
40												40													
S/C 32 INITIAL CONDITIONS RTLT: 29h 3m 24s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 29h 3m 32s												0000 RTLT 29h 3m 40s												
FDS MODE XB DATA RATE(MI)	VGR												160(32)												
VGR COVERAGE	ON CALL												VGR ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0843 XB=2.8K(41) NOT RECOVERABLE [2] S/C 31=GS-4B @ 1803 XB=2.8K(41) NOT RECOVERABLE [3] S/C 31=GS-4B @ 0323 XB=2.8K(41) NOT RECOVERABLE																								
UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
UTC:	AUG 08												AUG 09												

ISSUE DATE: 07/23/14 14:19

PDT: 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 AUGUST 9, 2014 221-222	
UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7	
S/C 31 INITIAL CONDITIONS RTLT: 35h 32m 14s CCSL: A092A FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 32m 26s 0000 RTLT 35h 32m 36s 1243 | 1244 AHELIO PWSREC 26 2203 | 2204 AHELIO PWSREC 27 ↓ 1243 GS-4B 1244 ↓ 2203 GS-4B 2204
FDS MODE	CR-5T
XB DATA RATE(MI)	160(32)
31 DSN COVERAGE	10 ..... | ..... 40 ..... | 1430 | ..... 63 [D] ..... | 0045 60 ..... |
32 DSN COVERAGE	1345 | ..... 34 [D] ..... | 1900 40 ..... | ..... 40
S/C 32 INITIAL CONDITIONS RTLT: 29h 3m 40s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 29h 3m 48s 0000 RTLT 29h 3m 56s
FDS MODE	VGR
XB DATA RATE(MI)	160(32)
VGR COVERAGE	ON CALL
NOTES	[1] S/C 31=GS-4B @ 1243 XB=2.8K(41) NOT RECOVERABLE [2] S/C 31=GS-4B @ 2203 XB=2.8K(41) NOT RECOVERABLE
UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7	
UTC: AUG 09 | AUG 10	

ISSUE DATE: 07/23/14 14:19

PDT:	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 AUGUST 10, 2014 222-223																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 35h 32m 36s CCSL: A092A FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 35h 32m 48s												| 0000 RTLT 35h 32m 58s												
	| 0727 - 0728 AHELIO PWSREC 28						1647 | 1648 AHELIO PWSREC 29						0207 | 0208 AHELIO PWSREC 30												
	↓ 0727 GS-4B 0728						↓ 1647 GS-4B 1648						↓ 0207 GS-4B 0208												
FDS MODE	CR-5T						CR-5T						CR-5T												
XB DATA RATE(MI)	160(32)						160(32)						160(32)												
31 DSN COVERAGE	- 15 [D] | 0820 10												0525 | 15 [D] | ..... 10												
	..... 40 .....												..... 60											
	..... 1845 | 63 [D] | 0155 40 .....												..... 40											
32 DSN COVERAGE	..... 1315 | 45 [D] | 1855 40 .....												..... 40											
S/C 32 INITIAL CONDITIONS RTLT: 29h 3m 56s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLT 29h 4m 2s												| 0000 RTLT 29h 4m 10s												
FDS MODE	VGR																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 0727 XB=2.8K(41) NOT RECOVERABLE [2] S/C 31=GS-4B @ 1647 XB=2.8K(41) NOT RECOVERABLE [3] S/C 31=GS-4B @ 0207 XB=2.8K(41) NOT RECOVERABLE																								
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
UTC:	AUG 10												AUG 11												

ISSUE DATE: 07/23/14 14:19

PDT:	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 AUGUST 11, 2014 223-224																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLT: 35h 32m 58s CCSL: A092A FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">| 1200 RTLT 35h 33m 10s</p> <p style="text-align: center;">1127 | 1128 AHELIO PWSREC 31</p> <p style="text-align: center;">2048 | 2048 AHELIO PWSREC 32</p> <p style="text-align: center;">2050 | - - - | 2146 TAPPOS 2151 | - TAPPOS - | 2342</p> <p style="text-align: center;">↓ 1127 GS-4B 1128</p> <p style="text-align: center;">↓ 2048 GS-4B 2048</p>																										
FDS MODE	CR-5T									CR-5T									CR-5T								
XB DATA RATE(MI)	160(32)									160(32)									160(32)								
31 DSN COVERAGE	<p>- 15 [D] - | 0815</p> <p>0755 | - 14 [D] - | 0920</p> <p>..... 10</p> <p>..... 40</p>																										
32 DSN COVERAGE	<p>..... 1225 | ..... 34 [D] ..... | 1850</p> <p>..... 40</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 29h 4m 10s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	<p style="text-align: center;">| 1200 RTLT 29h 4m 18s</p>																										
FDS MODE	VGR																										
XB DATA RATE(MI)	160(32)																										
VGR COVERAGE	ON CALL																										
NOTES	<p>[1] S/C 31=GS-4B @ 1127 XB=2.8K(41) NOT RECOVERABLE</p> <p>[2] S/C 31=GS-4B @ 2048 XB=2.8K(41) NOT RECOVERABLE</p>																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
UTC:	AUG 11														AUG 12												