

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: August 6, 2014

For the Period: 08/07/14 to 08/25/14 (14-219 – 14-237)

**DSN OPSCHIEF (1) 230-102**

**DSOT (1) 230-102**

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**FLIGHT TEAM (14) 600-100**

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 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: 08/06/14 17:04

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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THURSDAY AUGUST 7, 2014 219-220																																										
S/C 31 INITIAL CONDITIONS RTLT: 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																													
	1359   1400 AHELIO PWSREC 21												AHELIO PWSREC 22 2323   2324				PITCH SSB COMP UPD 0347*												AACS SID MRO 0348   0349		PITCH SSB UPD 0353*		CCSA FULMRO 0438   -----   0554									
	----- TLC (SHORT-FORM) ----- D/L																																									
	↓ 1359 GS-4B 1400												2323 GS-4B 2324 ↓				EL-40 0422*		CR-5T 0554*																							
FDS MODE	CR-5T						CR-5T						CR-5T						EL-40		CR-5T																					
XB DATA RATE(MI)	160(32)						160(32)						160(32)						40(30)		160(32)																					
31 DSN COVERAGE	26 [D]   0835										10										0345   15 [D]										10											
	.....										.....										.....										.....											
	40										40										40										40											
											2035   63 [D]										0205										60											
											60																															
32 DSN COVERAGE											1535   45 [D]										1905										1900   43 [B]								2150			
											40																				40											
S/C 32 INITIAL CONDITIONS RTLT: 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																													
	▼ 1917 DUMMY (5 MIN BRACKETED 00:21)																																									
FDS MODE	VGR																																									
XB DATA RATE(MI)	160(32)																																									
VGR COVERAGE	ON CALL												VGR				ON CALL						VGR																			
NOTES	[1] S/C 31=GS-4B @ 1359 XB=2.8K(41) NOT RECOVERABLE												[3] S/C 31=EL-40 @ 0422 XB=40(30)																													
	[2] S/C 31=GS-4B @ 2323 XB=2.8K(41) NOT RECOVERABLE												[4] S/C 31=CR-5T @ 0554 XB=160(32)																													
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UTC:	AUG 07														AUG 08																											

ISSUE DATE: 08/06/14 17:04

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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															
0805 GYRO INIT													1706 GYROS OFF															
0843   0844 AHELIO PWSREC 23													1803   1804 AHELIO PWSREC 24												AHELIO PWSREC 25		0323   0324	
0714 D/L																												
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												63 [D]   0025												10		40	
32 DSN COVERAGE	1315   45 [D]   1900												1840   43 [D]   2005												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: 08/06/14 17:04

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SATURDAY AUGUST 9, 2014 221-222																									
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S/C 31 INITIAL CONDITIONS RTLTL: 35h 32m 14s CCSL: A092A FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 35h 32m 26s												0000 RTLTL 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												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	..... 10 .....												..... 0335  ----- 15 [D] -----												
	..... 40 .....												..... 10 .....												
	..... 1430  ----- 63 [D] -----  0045												..... 60 .....												
32 DSN COVERAGE	1020  ----- 35 [D1] -----  1420												..... 40 .....												
	..... 1345  ----- 34 [D] -----  1900												..... 40 .....												
S/C 32 INITIAL CONDITIONS RTLTL: 29h 3m 40s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 29h 3m 48s												0000 RTLTL 29h 3m 56s												
FDS MODE	VGR																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] DSS-35 PIT [2] S/C 31=GS-4B @ 1243 XB=2.8K(41) NOT RECOVERABLE [3] 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: 08/06/14 17:04

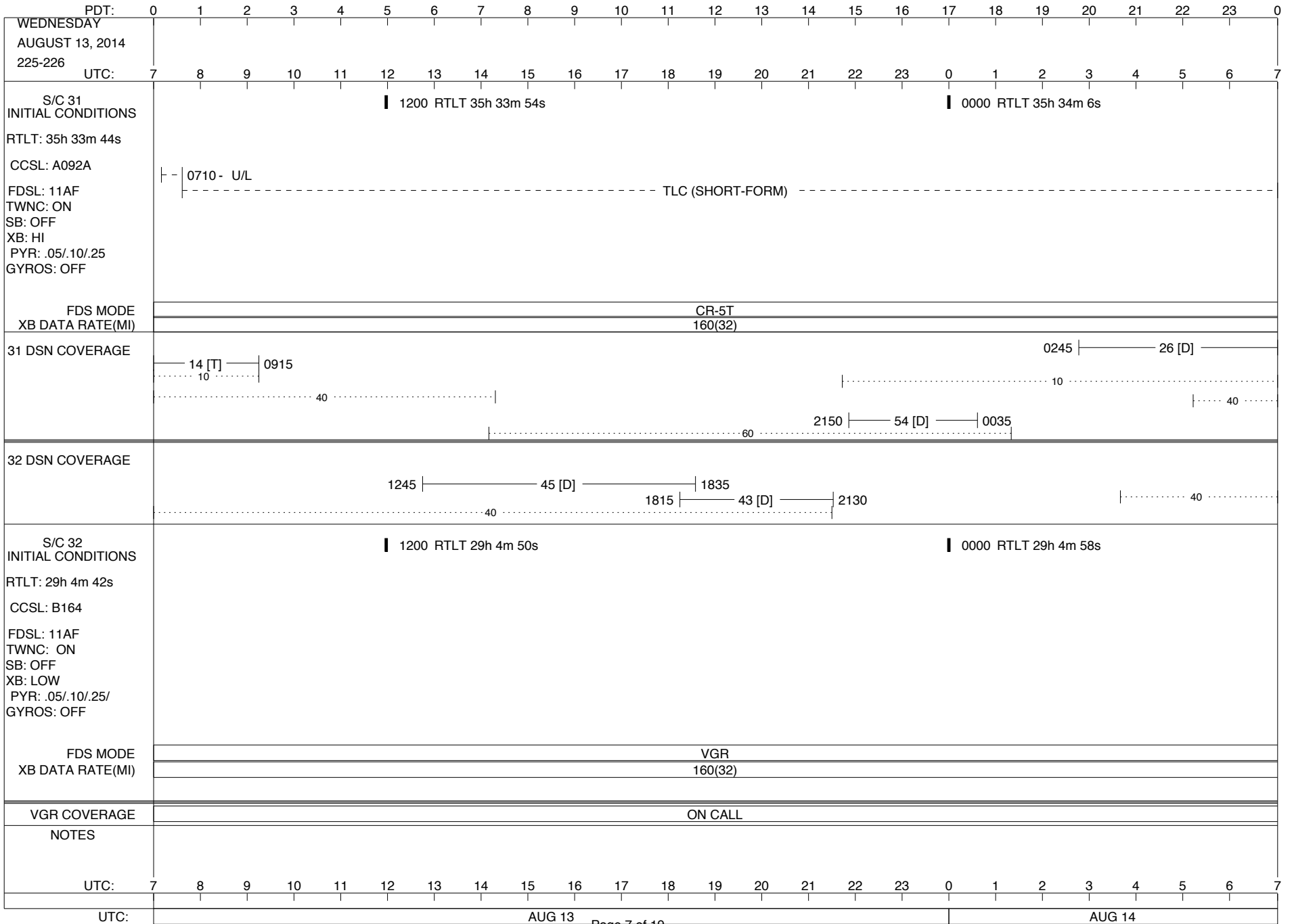
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SUNDAY AUGUST 10, 2014 222-223																												
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S/C 31 INITIAL CONDITIONS RTLT: 35h 32m 36s CCSL: A092A FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 32m 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																0525   15 [D]											
	.....																.....											
	.....40.....																.....10.....											
													1845				63 [D]   0155											
													.....60.....															
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													

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	1200 RTLT 35h 33m 10s 1127   1128 AHELIO PWSREC 31 ↓ 1127 GS-4B 1128											0000 RTLT 35h 33m 20s AHELIO PWSREC 32 2048   2048 ↓ 0028 YAW=.05 TAPPOS 2050   ---   2146 2151   - TAPPOS -   2342 ↓ 2245 DISA AHELIO ↓ 2259 SET AHELIO2 WKS=13 ↓ 2300 ENA AHELIO2 2303   2308 4 SID MRO'S 2355   -   0023 TAPPOS ↓ 2048 GS-4B 2048 ↓ 0038 PB-14														
FDS MODE	CR-5T					CR-5T					CR-5T					PB-14										
XB DATA RATE(MI)	160(32)					160(32)					160(32)					1.4K(39)										
31 DSN COVERAGE	15 [D]   0815 0755   14 [D]   0920 ..... 10 ..... ..... 40 ..... ..... 60 ..... ..... 40 .....											2230   ..... 14 [DA] 2345   ..... 15 [DAR] 2345   ..... 25 [DA] ..... 10 ..... ..... 40 .....														
32 DSN COVERAGE	1225   ..... 34 [D] ..... ..... 40 ..... ..... 1850 ..... ..... 40 .....																									
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	1200 RTLT 29h 4m 18s											0000 RTLT 29h 4m 26s														
FDS MODE												VGR														
XB DATA RATE(MI)												160(32)														
VGR COVERAGE	ON CALL											VGR														
NOTES	[1] S/C 31=GS-4B @ 1127 XB=2.8K(41) NOT RECOVERABLE [2] S/C 31=GS-4B @ 2048 XB=2.8K(41) NOT RECOVERABLE [3] S/C 31=PB-14 @ 0038 XB=1.4K(39)																									
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											

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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 AUGUST 12, 2014 224-225																									
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	1200 RTLT 35h 33m 32s												0000 RTLT 35h 33m 44s												
RTLT: 35h 33m 20s	-----  0829 PLAYBACK																								
CCSL: A092A	↓ 0839 YAW=.10																								
FDSL: 11AF	0928   0943 TAPPOS																								
TWNC: ON	1028   1029 BL PWS/RH												0220   --- MAGCAL ---   0523												
SB: OFF	1041   ----- DTR MAINT -----   1605												0220   --- PESCAL ---   0540												
XB: HI	1609   1611 TAPPOS																								
PYR: .05/.05/.25	↓ 0829 CR-5T																								
GYROS: OFF	↓ 1028 GS-4B 1029																								
FDS MODE	PB-14						CR-5T						CR-5T												
XB DATA RATE(MI)	1.4K(39)						160(32)						160(32)												
31 DSN COVERAGE	14 [DA]   0830												0115 - 0650  ----- 25 [D] -----												
	15 [DAR]   0830												14 [T] 0645												
	25 [DA]   0830												----- 10 -----												
	----- 10 -----												----- 40 -----												
	----- 40 -----												----- 60 -----												
32 DSN COVERAGE	1215  ----- 40 -----												43 [o]  ----- 2015 -----												
	----- 40 -----												----- 40 -----												
S/C 32 INITIAL CONDITIONS	1200 RTLT 29h 4m 34s												0000 RTLT 29h 4m 42s												
RTLT: 29h 4m 26s																									
CCSL: B164																									
FDSL: 11AF																									
TWNC: ON																									
SB: OFF																									
XB: LOW																									
PYR: .05/.10/.25/																									
GYROS: OFF																									
FDS MODE	VGR																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	VGR												ON CALL												
NOTES	[2] S/C 31=GS-4B @ 1028 XB=2.8K(41) NOT RECOVERABLE																								
	[1] S/C 31=CR-5T @ 0829 XB=160(32)																								
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: 08/06/14 17:04

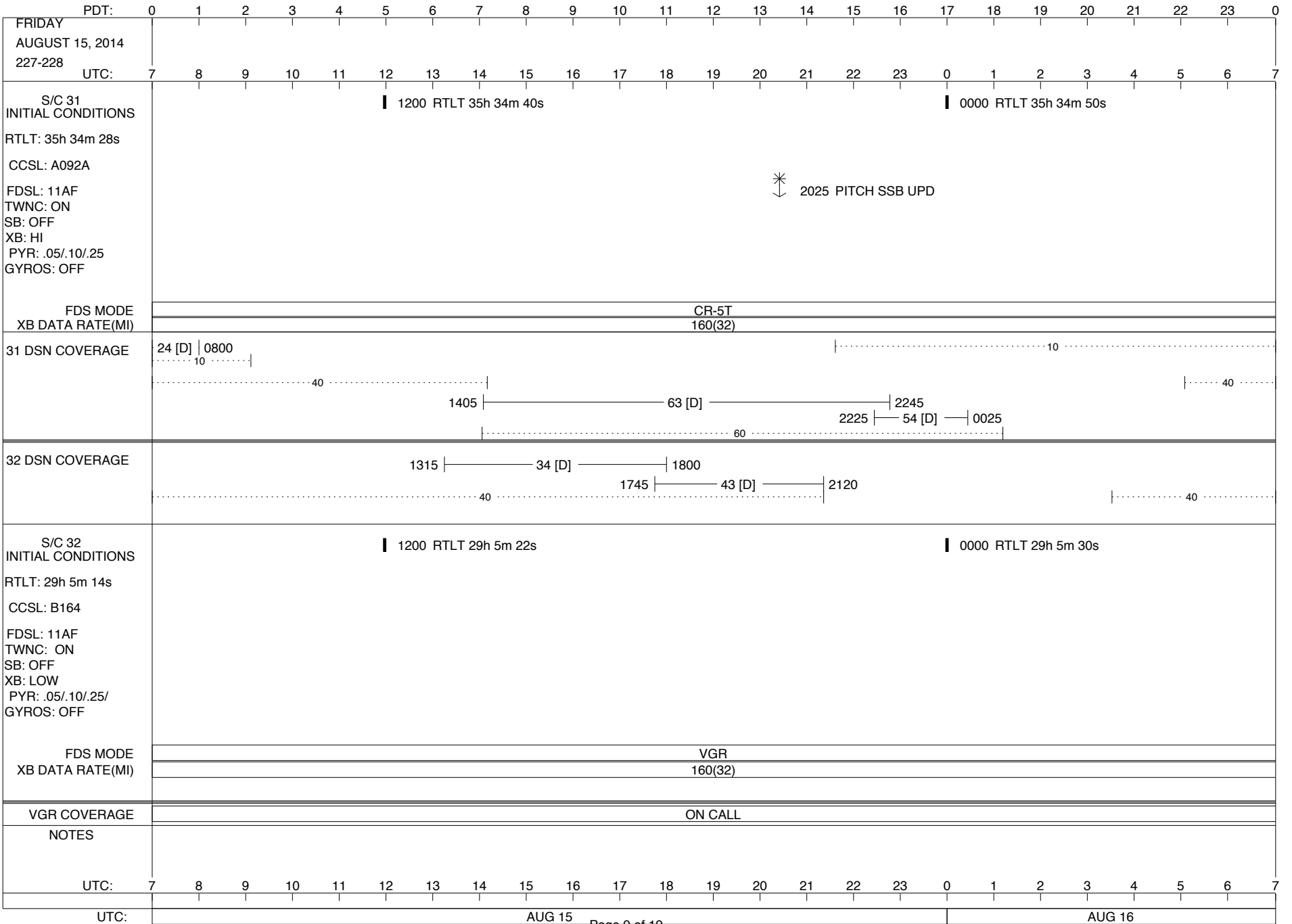




ISSUE DATE: 08/06/14 17:04

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S/C 31 INITIAL CONDITIONS	1200 RTLT 35h 34m 16s												0000 RTLT 35h 34m 28s												
RTLT: 35h 34m 6s	▼ 0845 DUMMY (20:19)																								
CCSL: A092A	▼ 0850 PITCH SSB UPD (20:24)																								
FDSL: 11AF	----- TLC (SHORT-FORM) -----												D/L -  2012												
TWNC: ON	1341   -- TAPPOS --   1611												1642   1643 AHEL12 PWSREC 1												
SB: OFF													1654   -- TAPPOS --   1911												
XB: HI													↓ 1642 GS-4B 1643												
PYR: .05/.10/.25																									
GYROS: OFF																									
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	26 [D]   0805												0405   24 [D]												
	0810   14   0910												..... 10 .....												
	..... 10 .....												..... 40 .....												
	..... 40 .....												..... 60 .....												
32 DSN COVERAGE	1340   34 [D]   1840												..... 40 .....												
	..... 40 .....												..... 40 .....												
S/C 32 INITIAL CONDITIONS	1200 RTLT 29h 5m 6s												0000 RTLT 29h 5m 14s												
RTLT: 29h 4m 58s																									
CCSL: B164																									
FDSL: 11AF																									
TWNC: ON																									
SB: OFF																									
XB: LOW																									
PYR: .05/.10/.25/																									
GYROS: OFF																									
FDS MODE													VGR												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1642 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 14												AUG 15												

ISSUE DATE: 08/06/14 17:04



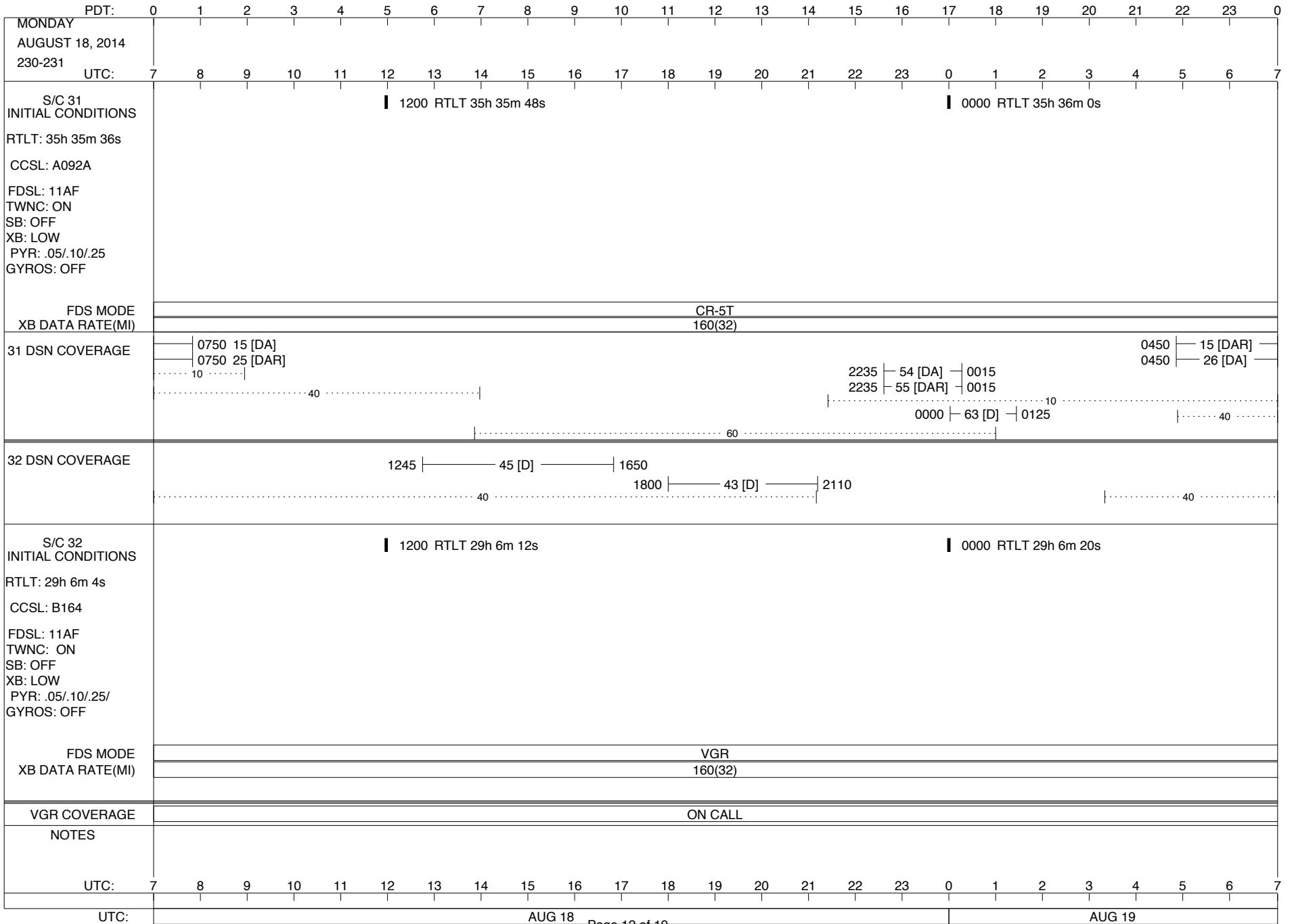
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SATURDAY AUGUST 16, 2014 228-229																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS	1200 RTLT 35h 35m 2s												0000 RTLT 35h 35m 14s													
RTLT: 35h 34m 50s													1641   -- TAPPOS --   1858													
CCSL: A092A													1942   1944 AHEL2 PWSREC 2													
FDSL: 11AF													1955   -- TAPPOS --   2158													
TWNC: ON													↓ 2356 YAW=.05													
SB: OFF													0007 - 0643   ----- PLAYBACK -----													
XB: HI													X/B LOW POWER 0643 ↓													
PYR: .05/.10/.25													BAY 1 HTR ON 0647 ↓													
GYROS: OFF													YAW=.10 0652 ↓													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
													PB-14													
													1.4K(39)													
31 DSN COVERAGE	10 .....												2210   ..... 14 [DA]													
	..... 35 [D1] .....   0730 - 1130												2325 - 0645   ..... 26 [DAR]													
	..... 40 .....												2325 - 0645   ..... 15 [DA]													
													..... 10 .....													
													..... 40 .....													
	1630   ..... 63 [D] .....   1835																									
	..... 60 .....																									
32 DSN COVERAGE																										
	1130   ..... 43 [o] .....   2115																									
	..... 40 .....																									
													..... 40 .....													
S/C 32 INITIAL CONDITIONS	1200 RTLT 29h 5m 38s												0000 RTLT 29h 5m 46s													
RTLT: 29h 5m 30s																										
CCSL: B164																										
FDSL: 11AF																										
TWNC: ON																										
SB: OFF																										
XB: LOW																										
PYR: .05/.10/.25/																										
GYROS: OFF																										
FDS MODE													VGR													
XB DATA RATE(MI)													160(32)													
VGR COVERAGE	ON CALL												VGR													
NOTES	[1] DSS-35 PIT												[3] S/C 31=PB-14 @ 0006 XB=1.4K(39)													
	[2] S/C 31=GS-4B @ 1942 XB=2.8K(41) NOT RECOVERABLE												[4] S/C 31=CR-5T @ 0643 XB=160(32)													
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 16												AUG 17													

ISSUE DATE: 08/06/14 17:04

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SUNDAY AUGUST 17, 2014 229-230																									
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 35m 14s CCSL: A092A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 35h 35m 24s												0000 RTLTL 35h 35m 36s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	14 [DA]   0900												0530   15 [DA] 0530   25 [DAR]												
	10   40												2240   54 [DA]   0020 2240   55 [DAR]   0020 0005   63 [D]   0130												
	1355   63 [D]   1615												60												
32 DSN COVERAGE	1340   45 [D]   1825												1805   43 [D]   2050												
	40												40												
S/C 32 INITIAL CONDITIONS RTLTL: 29h 5m 46s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 29h 5m 54s												0000 RTLTL 29h 6m 4s												
FDS MODE	VGR																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL																								
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:	AUG 17												AUG 18												

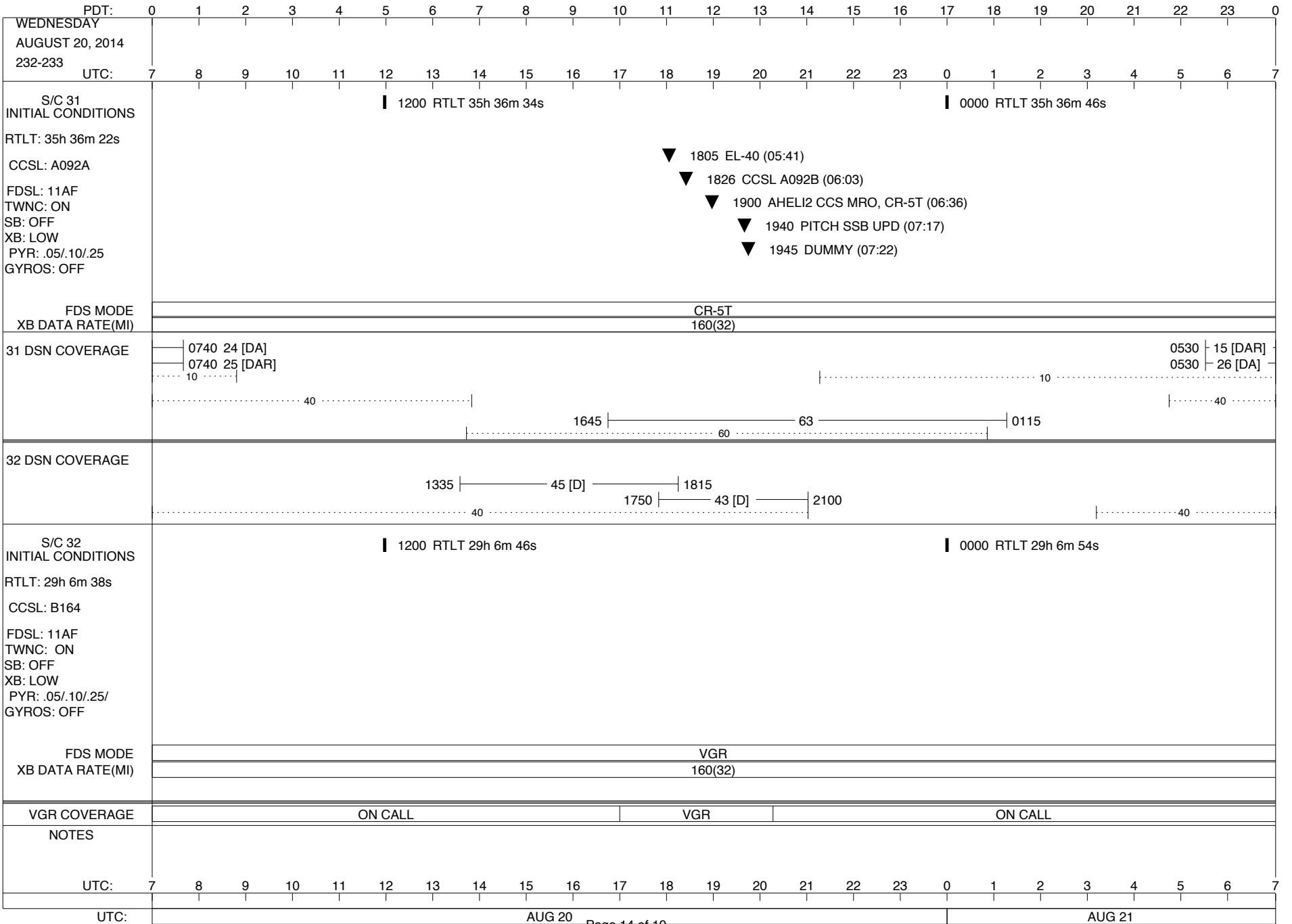
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ISSUE DATE: 08/06/14 17:04

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TUESDAY AUGUST 19, 2014 231-232	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 36m 0s CCSL: A092A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 36m 10s												0000 RTLT 35h 36m 22s												
	1006   1007 PWS/RH																								
	↓ 1006 GS-4B 1007																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0725 15 [DAR] 0725 26 [DA] 14 [D]   0705 - 0850												0445   24 [DA] 0445   25 [DAR]												
	..... 10 .....   ..... 40 .....												..... 10 .....   ..... 40 .....												
32 DSN COVERAGE	1215   34 [o]   1820												1905   43 [B]   2105												
	..... 40 .....												..... 40 .....												
S/C 32 INITIAL CONDITIONS RTLT: 29h 6m 20s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 29h 6m 28s												0000 RTLT 29h 6m 38s												
	1100   PLSCAL -   1242												1927 DUMMY (5 MIN BRACKETED 05:33)												
	1100   --- MAGCAL ---   1402																								
	1100   --- PESCAL ---   1420																								
FDS MODE	VGR																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1006 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 19												AUG 20												

ISSUE DATE: 08/06/14 17:04



ISSUE DATE: 08/06/14 17:04

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			
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			
THURSDAY AUGUST 21, 2014 233-234																												
S/C 31 INITIAL CONDITIONS RTLT: 35h 36m 46s CCSL: A092A FDLS: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 36m 56s												0000 RTLT 35h 37m 8s															
FDS MODE	CR-5T												CR-5T												EL-40			
XB DATA RATE(MI)	160(32)												160(32)												40(30)			
31 DSN COVERAGE	0740 15 [DAR] 0740 26 [DA] ..... 10 .....												1930 63 [D] ..... 0110 ..... 60 .....												0530 15 [DAR] 0530 26 [DA] ..... 40 .....			
32 DSN COVERAGE	1335 45 [D] ..... 1810 ..... 40 .....												1745 43 [D] ..... 2055 ..... 40 .....															
S/C 32 INITIAL CONDITIONS RTLT: 29h 6m 54s CCSL: B164 FDLS: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 29h 7m 4s												0000 RTLT 29h 7m 12s															
FDS MODE	VGR																											
XB DATA RATE(MI)	160(32)																											
VGR COVERAGE	ON CALL																								VGR			
NOTES	[1] S/C 31=GS-4B @ 1619 XB=2.8K(41) NOT RECOVERABLE [2] S/C 31=EL-40 @ 0542 XB=40(30) [3] S/C 31=CR-5T @ 0642 XB=160(32)																											
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 21														AUG 22													



ISSUE DATE: 08/06/14 17:04

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
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

FRIDAY  
AUGUST 22, 2014  
234-235

S/C 31  
INITIAL CONDITIONS  
RTLTL: 35h 37m 8s  
CCSL: A092A  
FDSL: 11AF  
TWNC: ON  
SB: OFF  
XB: LOW  
PYR: .05/.10/.25  
GYROS: OFF

1200 RTLT 35h 37m 20s

0000 RTLT 35h 37m 32s

U/L 1915 | - | - - - - - TLC (SHORT-FORM) - - - - -

\*  
↓ 0718 PITCH SSB UPD

FDS MODE	CR-5T
XB DATA RATE(MI)	160(32)

31 DSN COVERAGE

0735 15 [DAR]	0440 15 [DA]
0735 26 [DA]	0440 26 [DAR]
10	10
40	40
1850	0110
63 [T1]	
60	

32 DSN COVERAGE

1325	1805
45 [D]	43 [D]
1745	1930
40	40

S/C 32  
INITIAL CONDITIONS  
RTLTL: 29h 7m 12s  
CCSL: B164  
FDSL: 11AF  
TWNC: ON  
SB: OFF  
XB: LOW  
PYR: .05/.10/.25/  
GYROS: OFF

1200 RTLT 29h 7m 20s

0000 RTLT 29h 7m 30s

FDS MODE	VGR
XB DATA RATE(MI)	160(32)

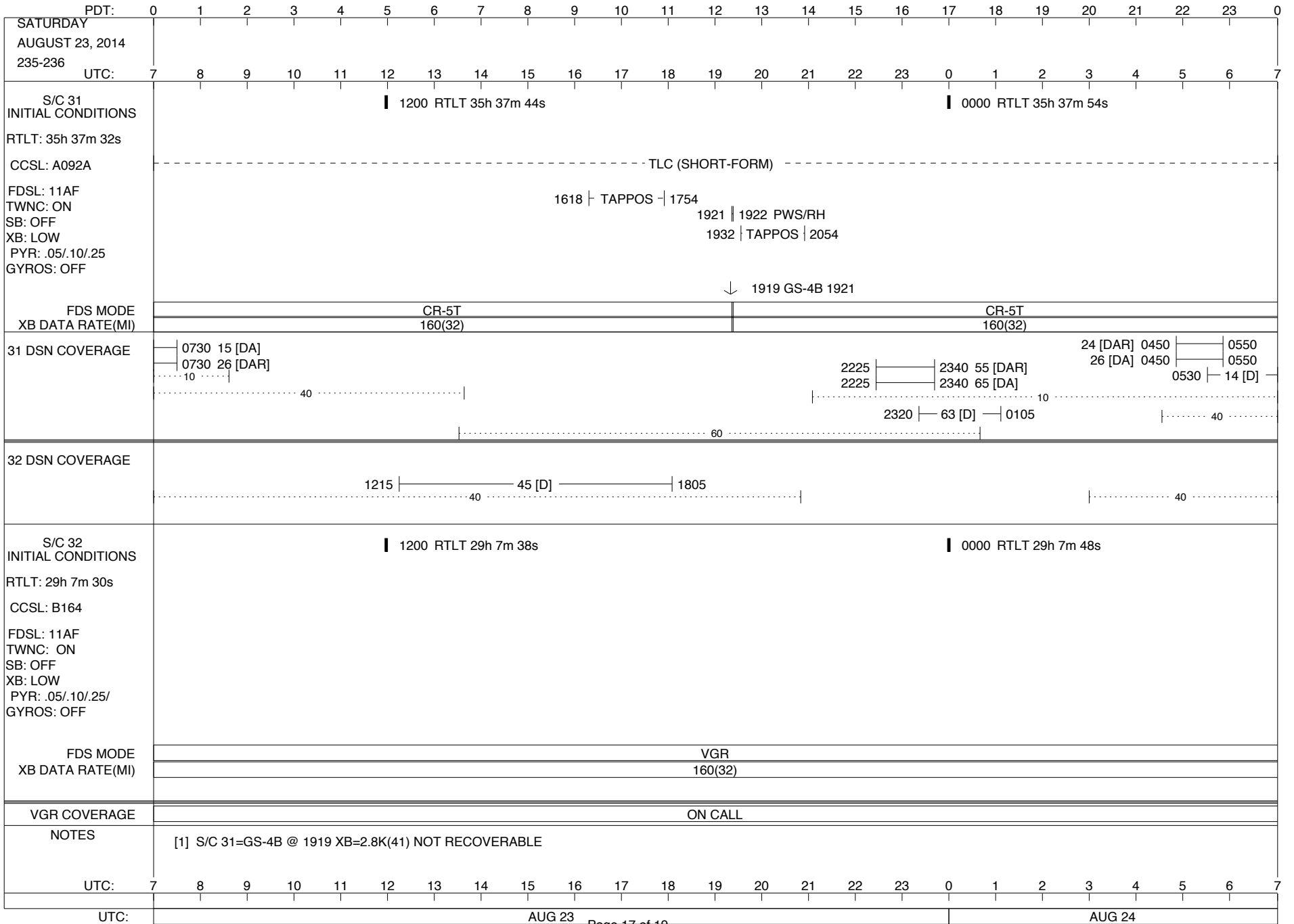
VGR COVERAGE	VGR	ON CALL
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NOTES

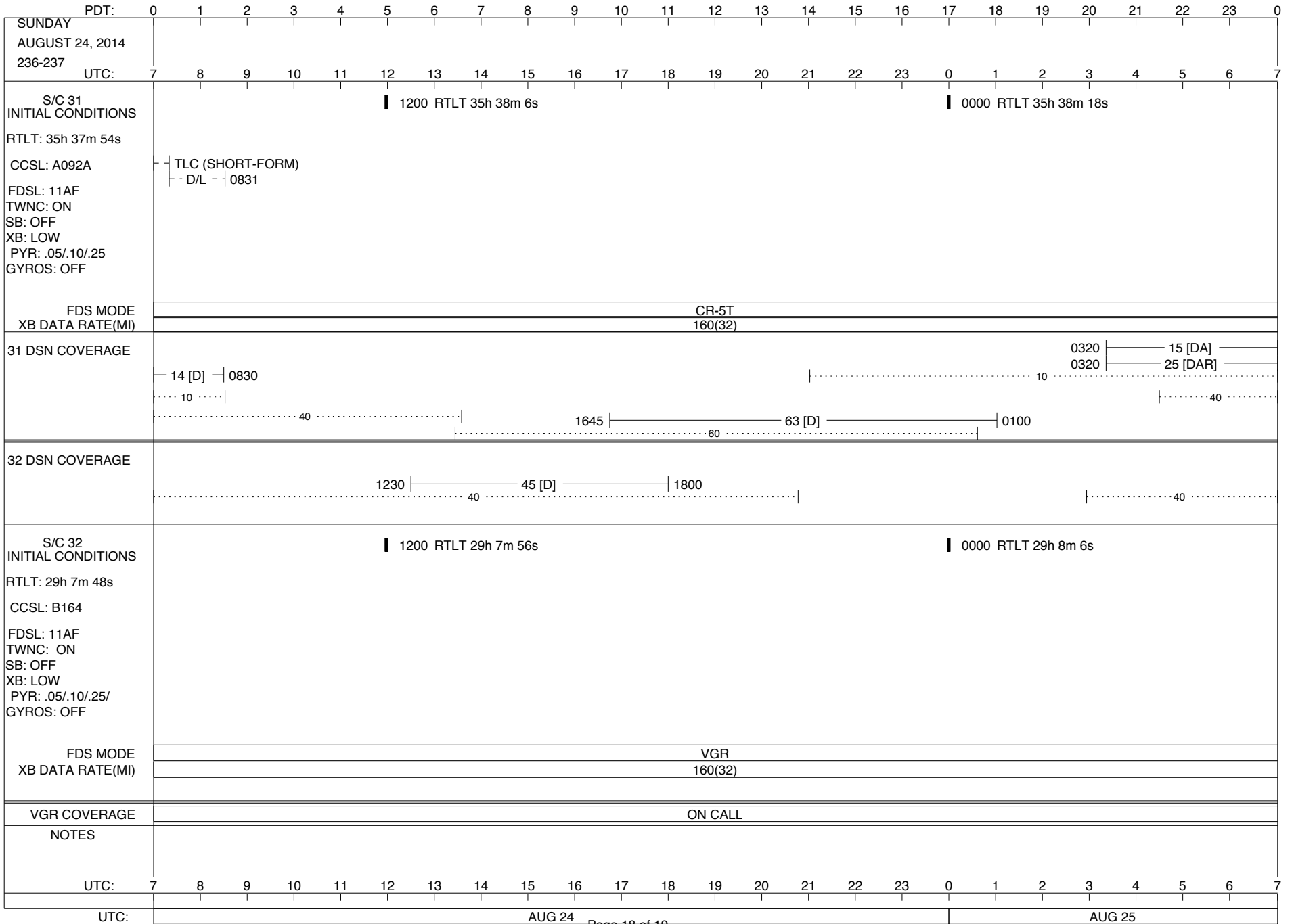
[1] A092B BACKUP U/L TRACK

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 22														AUG 23										

ISSUE DATE: 08/06/14 17:04



ISSUE DATE: 08/06/14 17:04



ISSUE DATE: 08/06/14 17:04

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		
MONDAY AUGUST 25, 2014 237-238																											
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 38m 18s CCSL: A092A FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 38m 30s																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	0720 15 [DA] 0720 25 [DAR] .....10..... .....40.....													2220  -----  2330 54 [DA] 2220  -----  2330 55 [DAR]													
32 DSN COVERAGE	1215  -----  45 [D]  -----  1755 .....40.....																										
S/C 32 INITIAL CONDITIONS RTLT: 29h 8m 6s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 29h 8m 14s																										
FDS MODE														VGR													
XB DATA RATE(MI)														160(32)													
VGR COVERAGE	ON CALL																										
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:	AUG 25													AUG 26													