

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: July 18, 2018

For the Period: 07/19/18 to 08/06/18 (18/200 – 18/218)

DSN OPSCHIEF	230-102	SCIENCE	FLIGHT TEAM	600-100
DSOT	230-102	CRS bryant@mail630.gsfc.nasa.gov LECP r.decker@jhuapl.edu MAG u2mha@lepvax.gsfc.nasa.gov PLS vgr@space.mit.edu PWS wsk@space.physics.uiowa.edu Leonard.F.Burlaga@nasa.gov Donald-Gurnett@uiowa.edu	Dodd, S. Hall, J. Howard, S. Ko, A. Ledeboer, W. Ludwig, R. Matsumoto, S. Medina, E. Peralta, F. Weeks, T. Yang, L.	

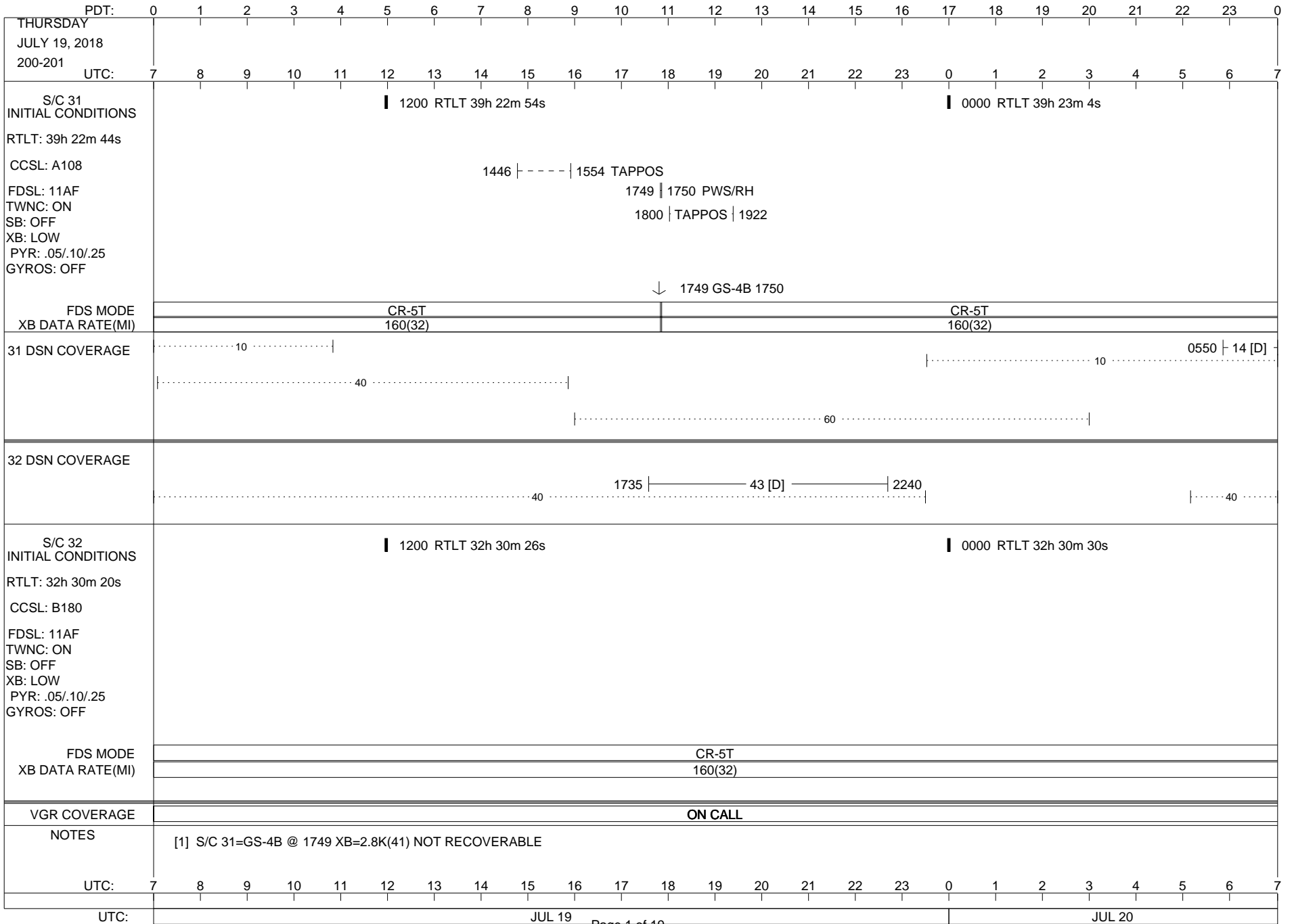
LEGEND:

- ∇ = 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

Posted at http://voyager.jpl.nasa.gov/mission/soesfos/tracking_schedule.html

02/27/17

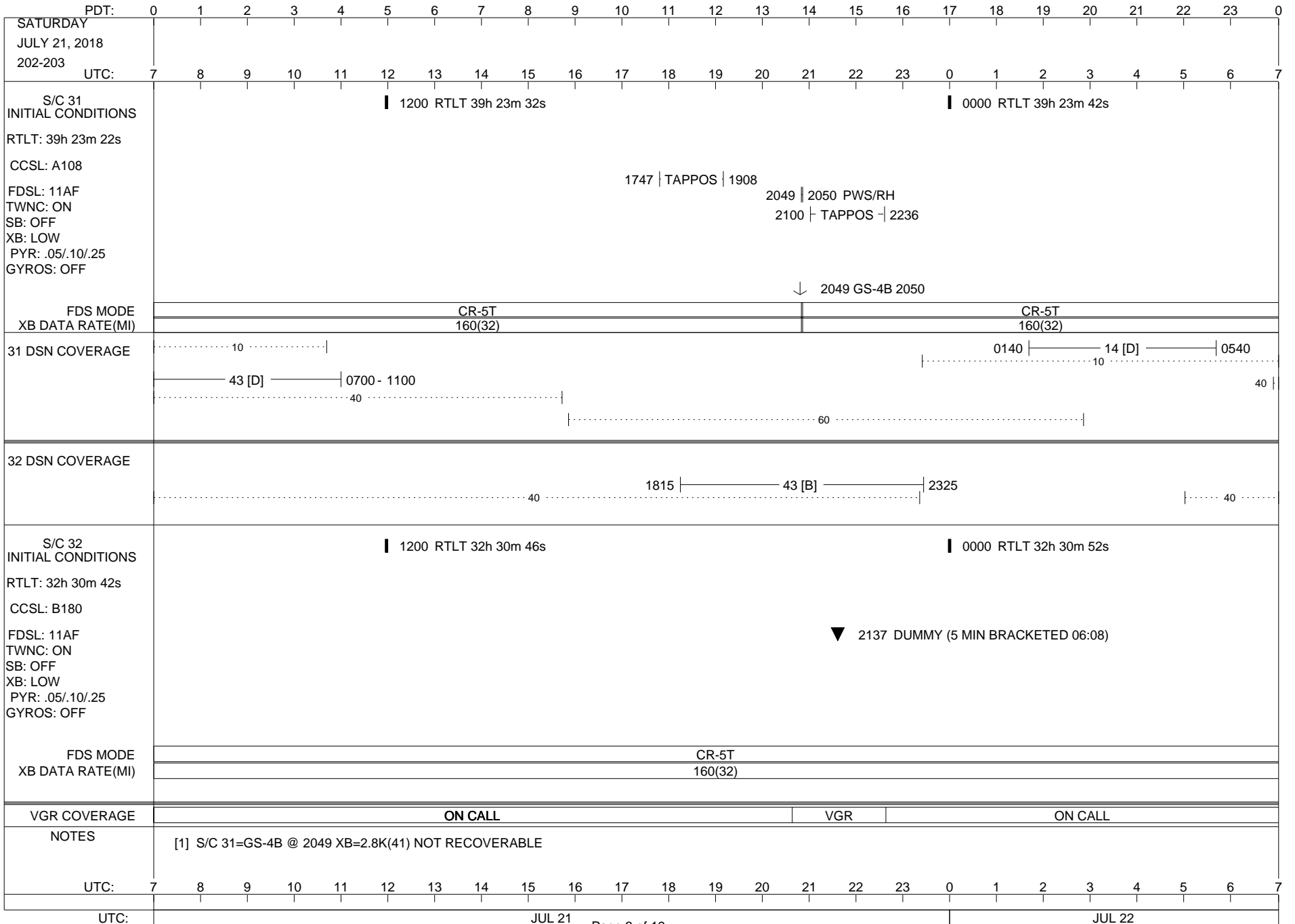
ISSUE DATE: 07/18/18 11:28



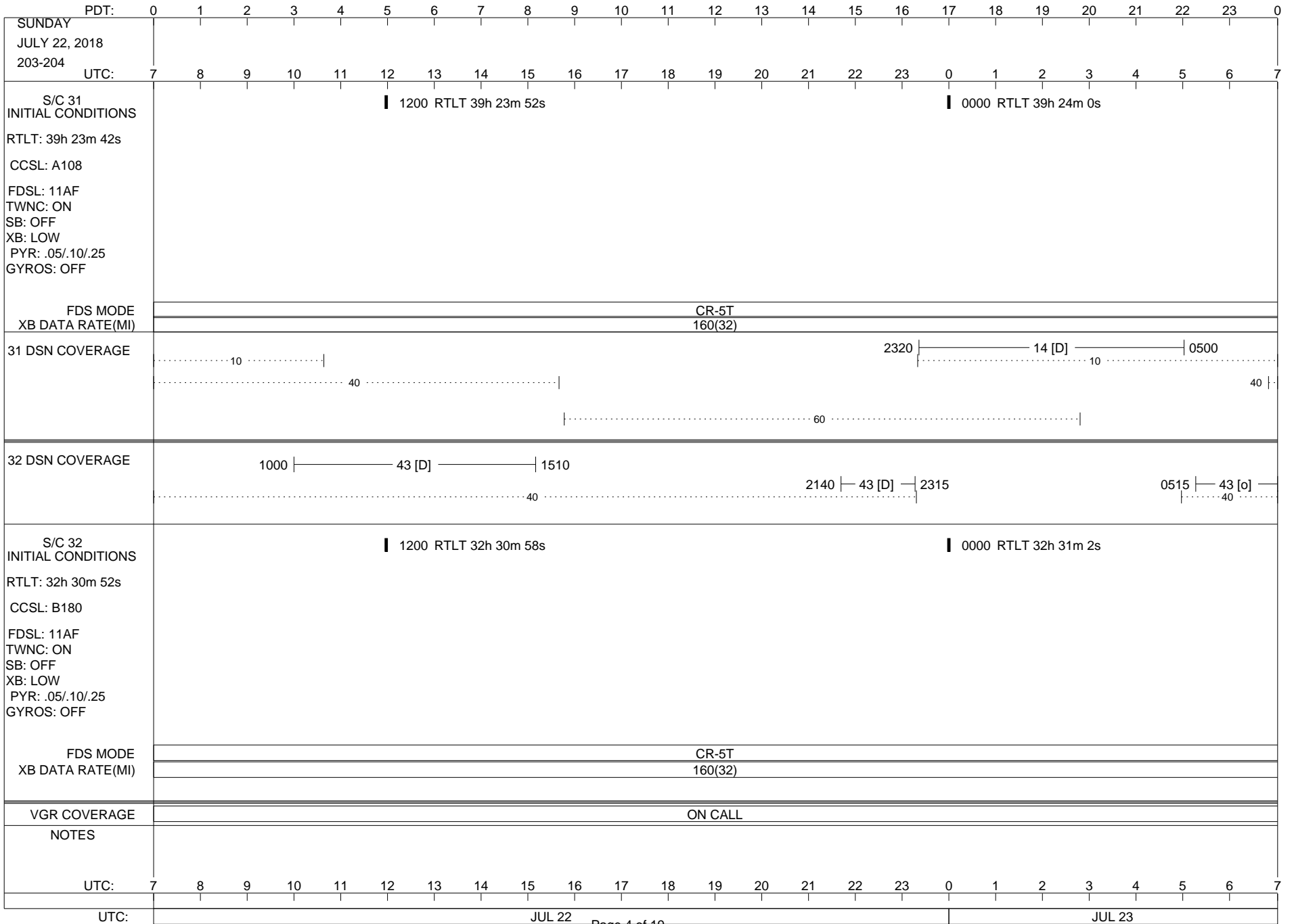
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FRIDAY JULY 20, 2018 201-202																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 39h 23m 4s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 39h 23m 12s												| 0000 RTLT 39h 23m 22s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	14 [D] 1045												10													
	10												40													
													43 [D] 0700 40													
													60													
32 DSN COVERAGE													1845 | 43 [D] | 2325													
	40												40													
S/C 32 INITIAL CONDITIONS RTLTL: 32h 30m 30s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 32h 30m 36s												| 0000 RTLT 32h 30m 42s													
FDS MODE XB DATA RATE(MI)													CR-5T 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:	JUL 20													JUL 21												

ISSUE DATE: 07/18/18 11:28



ISSUE DATE: 07/18/18 11:28



ISSUE DATE: 07/18/18 11:28

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 23, 2018 204-205																										
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S/C 31 INITIAL CONDITIONS RTLT: 39h 24m 0s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 24m 10s												0000 RTLT 39h 24m 20s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	..... 10 .....|												|..... 10											
	..... 40 .....|												|..... 40 43 [T] 0645											
													|..... 60 .....|													
32 DSN COVERAGE	—— 43 [o] ——| 0930												|..... 40 .....|..... 40												
S/C 32 INITIAL CONDITIONS RTLT: 32h 31m 2s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 31m 8s												0000 RTLT 32h 31m 14s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
VGR COVERAGE													ON CALL													
NOTES																										
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UTC:	JUL 23													JUL 24												

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 24, 2018																																			
205-206																																			
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: 39h 24m 20s																																			
CCSL: A108																																			
FDSL: 11AF																																			
TWNC: ON																																			
SB: OFF																																			
XB: LOW																																			
PYR: .05/.10/.25																																			
GYROS: OFF																																			
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>1200 RTLT 39h 24m 30s</p> <p>0900 DUMMY (00:25)</p> <p>U/L 0925 -</p> <p>1003 - - 1035 SHUNT POWER TEST</p> <p>1112 1113 PWS/RH</p> <p>1005 ↓ ↓ 1112 GS-4B 1113</p> </div> <div style="width: 48%;"> <p>0000 RTLT 39h 24m 40s</p> <p>0017 BAY 1 HTR OFF</p> <p>0017 GYROS AC ON</p> <p>0017 - - GYRO COND - - 0317</p> <p>0117 0121 2 SID MRO'S - ECR 114612</p> <p>0217 0221 2 MRO'S - REDUNDANT</p> <p>0317 GYROS OFF</p> <p>0326 BAY 1 HTR ON</p> <p>0020 EL-40 0022</p> </div> </div>																																			
FDS MODE																																			
XB DATA RATE(MI)																																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">CR-5T</td> <td style="width: 25%;">CR-5T</td> <td style="width: 25%;">CR-5T</td> <td style="width: 25%;">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																																			
<p>10 ----- </p> <p>2330 ----- 14 [D] ----- 0330</p> <p>43 [T] ----- 1135</p> <p>40 ----- </p> <p>60 ----- </p>																																			
32 DSN COVERAGE																																			
<p>1220 ----- 43 [D] ----- 1720</p> <p>2000 ----- 43 [D] ----- 2305</p> <p>0450 ----- 43 [D] ----- </p> <p>40 ----- </p> <p>40 ----- </p>																																			
S/C 32 INITIAL CONDITIONS																																			
RTLT: 32h 31m 14s																																			
CCSL: B180																																			
FDSL: 11AF																																			
TWNC: ON																																			
SB: OFF																																			
XB: LOW																																			
PYR: .05/.10/.25																																			
GYROS: OFF																																			
<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>1200 RTLT 32h 31m 20s</p> <p>1236 PLSCAL - 1418</p> <p>1236 - - - MAGCAL - - - 1538</p> <p>1236 - - - PESCAL - - - 1556</p> </div> <div style="width: 48%;"> <p>0000 RTLT 32h 31m 26s</p> </div> </div>																																			
FDS MODE																																			
XB DATA RATE(MI)																																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">CR-5T</td> <td style="width: 50%;">CR-5T</td> </tr> <tr> <td>160(32)</td> <td>160(32)</td> </tr> </table>																												CR-5T	CR-5T	160(32)	160(32)				
CR-5T	CR-5T																																		
160(32)	160(32)																																		
VGR COVERAGE																																			
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">VGR</td> <td style="width: 50%;">ON CALL</td> </tr> <tr> <td> </td> <td> </td> </tr> </table>																												VGR	ON CALL						
VGR	ON CALL																																		
NOTES																																			
[1] S/C 31=GS-4B @ 1112 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:																		JUL 24							JUL 25										

ISSUE DATE: 07/18/18 11:28

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WEDNESDAY JULY 25, 2018 206-207																									
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S/C 31 INITIAL CONDITIONS RTLT: 39h 24m 40s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF						█ 1200 RTLT 39h 24m 50s												█ 0000 RTLT 39h 25m 0s							
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 32h 31m 26s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF						█ 1200 RTLT 32h 31m 32s												█ 0000 RTLT 32h 31m 38s							
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
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ISSUE DATE: 07/18/18 11:28

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 JULY 26, 2018 207-208																																																												
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: 39h 25m 0s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 39h 25m 10s												█ 0000 RTLTL 39h 25m 20s																																															
	1423 | TAPPOS - | 1613												1725 | 1727 PWS/RH																																															
													1737 | TAPPOS - | 1913																																															
													↓ 1725 GS-4B 1727																																															
FDS MODE	CR-5T												CR-5T																																															
XB DATA RATE(MI)	160(32)												160(32)																																															
31 DSN COVERAGE 10 40 60 0410 | 14 [D] 40																			
32 DSN COVERAGE 40 1725 | 43 [D] 2140 0530 | 36 [DAR] 0530 | 35 [DA] 40									
S/C 32 INITIAL CONDITIONS RTLTL: 32h 31m 38s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 32h 31m 44s												█ 0000 RTLTL 32h 31m 50s																																															
FDS MODE													CR-5T																																															
XB DATA RATE(MI)													160(32)																																															
VGR COVERAGE	ON CALL																																																											
NOTES	[1] S/C 31=GS-4B @ 1725 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:	JUL 26												JUL 27																																															

ISSUE DATE: 07/18/18 11:28

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																										
JULY 27, 2018																										
208-209																										
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S/C 31 INITIAL CONDITIONS							█ 1200												█ 0000							
RTLT: 39h 25m 20s																										
CCSL: A108																										
FDSL: 11AF																										
TWNC: ON																										
SB: OFF																										
XB: LOW																										
PYR: .05/.10/.25																										
GYROS: OFF																										
FDS MODE																										
XB DATA RATE(MI)																										
31 DSN COVERAGE																										
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS							█ 1200												█ 0000							
RTLT: 32h 31m 50s																										
CCSL: B180																										
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 27												JUL 28												

ISSUE DATE: 07/18/18 11:28

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SATURDAY JULY 28, 2018 209-210	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: 39h 25m 40s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 25m 50s												0000 RTLT 39h 26m 0s													
	1724 | TAPPOS | 1859												2025 | 2027 PWS/RH 2037 | TAPPOS | 2159													
													↓ 2025 GS-4B 2027													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)													
31 DSN COVERAGE	.....10.....|										|.....10.....										0135 |-----14 [D]-----		| 40	
	.....40.....|										|.....60.....|															
32 DSN COVERAGE	— 43 [D] —| 0840										.....40.....|										0435 - 0645 |-----43 [D]-----		| 40		
S/C 32 INITIAL CONDITIONS RTLT: 32h 32m 2s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 32m 8s												0000 RTLT 32h 32m 14s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
VGR COVERAGE													ON CALL													
NOTES	[1] S/C 31=GS-4B @ 2025 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:	JUL 28													JUL 29												

ISSUE DATE: 07/18/18 11:28

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SUNDAY JULY 29, 2018 210-211	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: 39h 26m 0s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 26m 10s												0000 RTLT 39h 26m 22s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																									
31 DSN COVERAGE	0705 14 [D] .....| .....40.....|												2255 |----- 14 [D] -----| 0255 .....|-----10-----| .....60.....|													
32 DSN COVERAGE	.....40.....|												1825 |----- 43 [D] -----| 2245 .....|-----40-----|													
S/C 32 INITIAL CONDITIONS RTLT: 32h 32m 14s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 32m 20s												0000 RTLT 32h 32m 26s													
FDS MODE XB DATA RATE(MI)	CR-5T 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:	JUL 29													JUL 30												

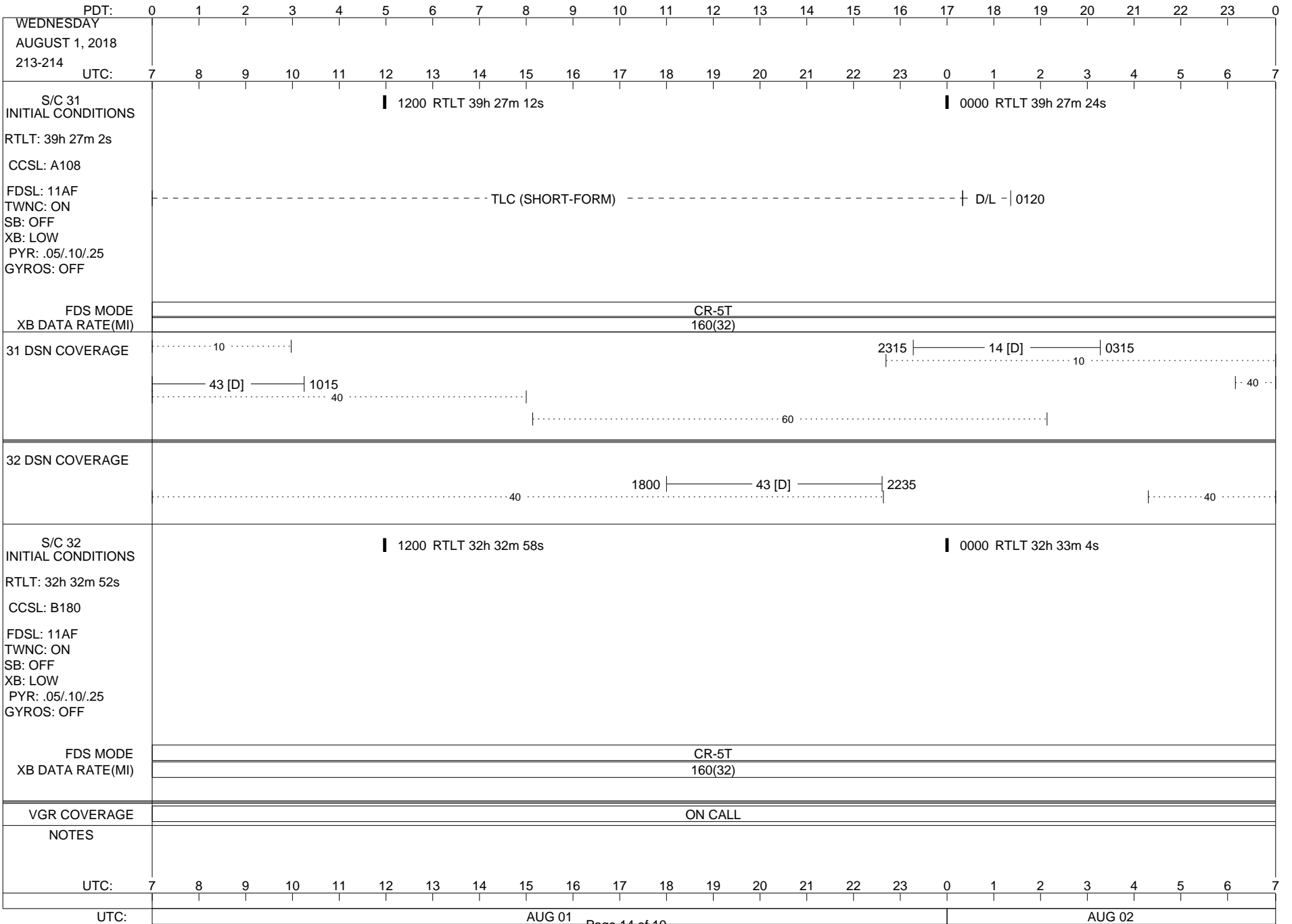
ISSUE DATE: 07/18/18 11:28

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 30, 2018 211-212	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: 39h 26m 22s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	1200 RTLT 39h 26m 32s												0000 RTLT 39h 26m 42s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	..... 10 .....|												2330 |—— 14 [D] ——| 0150											
	..... 40 .....|												|..... 10 43 [T] 0620 |												
	|..... 60 .....|												|..... 40											
32 DSN COVERAGE	..... 40 .....|												1740 |—— 43 [D] ——| 2140											
	|..... 40 .....												|..... 40											
S/C 32 INITIAL CONDITIONS RTLT: 32h 32m 26s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	1200 RTLT 32h 32m 32s												0000 RTLT 32h 32m 38s												
FDS MODE XB DATA RATE(MI)	CR-5T 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:	JUL 30												JUL 31												

ISSUE DATE: 07/18/18 11:28

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 31, 2018 212-213																									
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: 39h 26m 42s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	█ 1200 RTLTL 39h 26m 52s												█ 0000 RTLTL 39h 27m 2s												
U/L 0825 | - | -	----- TLC (SHORT-FORM) -----																								
1049 | 1050 PWS/RH																									
↓ 1049 GS-4B 1050																									
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	..... 10 ..... | ..... 10																							
	— 43 [T] — | 0900 40 ..... | ..... 60 ..... | ..... 43 [D] 0615 | ..... 40																								
32 DSN COVERAGE	1000 | — 43 [o] — | 1240 40 ..... | ..... 2100 | — 43 [D] — | 2240 40																								
S/C 32 INITIAL CONDITIONS RTLTL: 32h 32m 38s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	█ 1200 RTLTL 32h 32m 46s												█ 0000 RTLTL 32h 32m 52s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1049 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:	JUL 31												AUG 01												

ISSUE DATE: 07/18/18 11:28



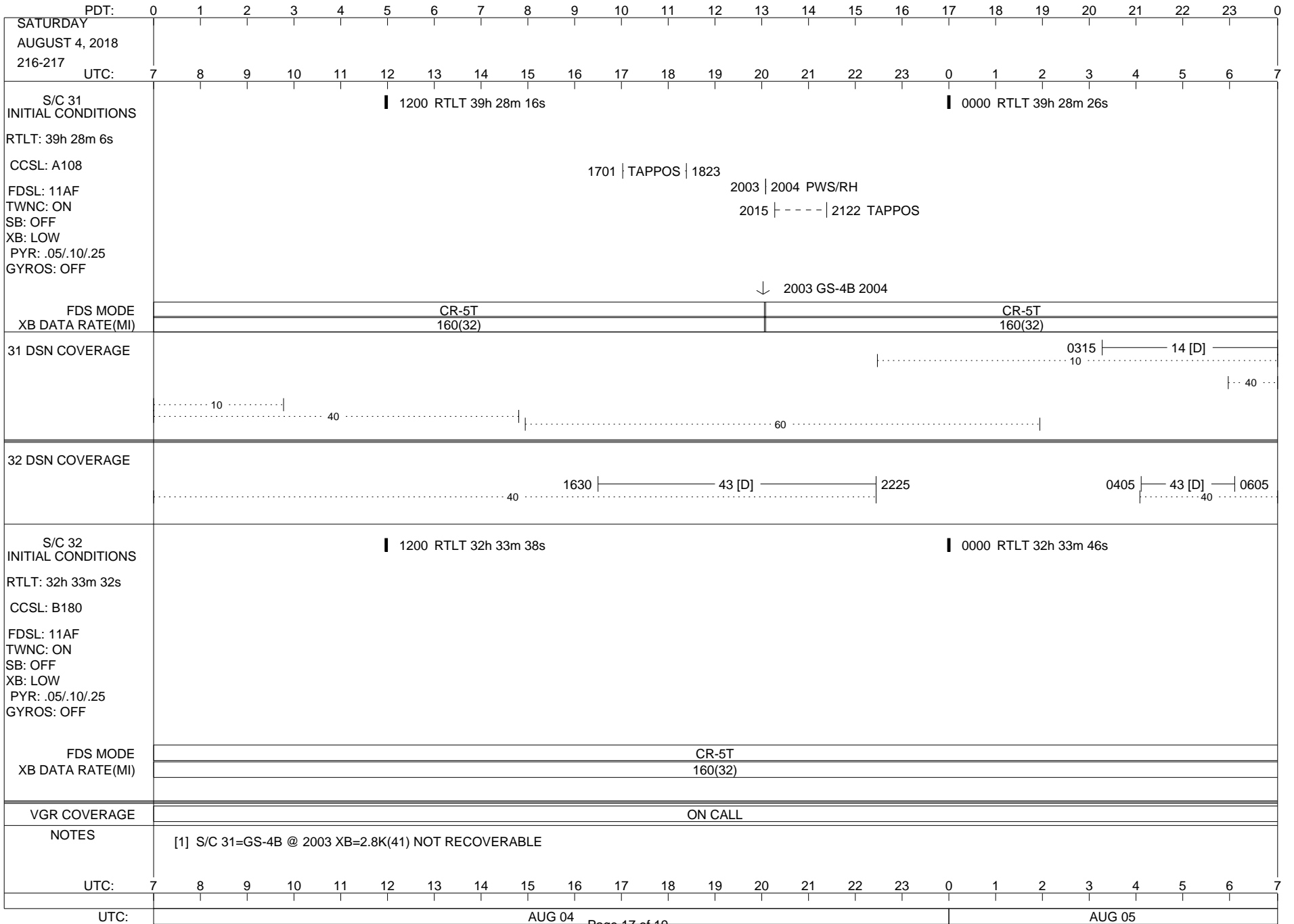
ISSUE DATE: 07/18/18 11:28

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 2, 2018 214-215																											
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: 39h 27m 24s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 39h 27m 34s												| 0000 RTLT 39h 27m 44s														
	1401 | TAPPOS | 1536												1703 | 1704 PWS/RH														
													1714 | TAPPOS | 1836														
													↓ 1702 GS-4B 1704														
FDS MODE	CR-5T												CR-5T														
XB DATA RATE(MI)	160(32)												160(32)														
31 DSN COVERAGE	..... 10 ..... |												| ..... 0200 |----- 14 [D] -----| 0600											
	..... 40 ..... |												| ..... 10 ..... |														
	| ..... 60 ..... |												| ..... 40 ..... |														
32 DSN COVERAGE	..... 40 ..... |												| ..... 1810 |----- 43 [D] -----| 2215											
	| ..... 40 ..... |												| ..... 40 ..... |														
S/C 32 INITIAL CONDITIONS RTLT: 32h 33m 4s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 32h 33m 12s												| 0000 RTLT 32h 33m 18s														
FDS MODE													CR-5T														
XB DATA RATE(MI)													160(32)														
VGR COVERAGE													ON CALL														
NOTES	[1] S/C 31=GS-4B @ 1702 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: 07/18/18 11:28

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 3, 2018 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: 39h 27m 44s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 39h 27m 56s												| 0000 RTLT 39h 28m 6s												
													BAY 1 HTR OFF 0211↓ GYROS BC ON 0211 ↓ GYRO FAULT TEST 0221↓ AAI 0311↓ MAGROL 0314 |-----| 0426 RAI 0426↓ GYROS OFF 0431 ↓ CRU 0432↓ BAY 1 HTR ON 0440↓ ↓ 0214 EL-40 0215												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	..... 10												0205 |----- 14 [DA] -----| 0530 0205 |----- 25 [DAR] -----| 0530 0205 |----- 26 [DA] -----| 0530 0245 |----- 24 [DA] -----| 0530 10											
32 DSN COVERAGE	..... 40												1830 |----- 43 [o] -----| 2225 40											
S/C 32 INITIAL CONDITIONS RTLT: 32h 33m 18s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 32h 33m 26s												| 0000 RTLT 32h 33m 32s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL												VGR						ON CALL						
NOTES	[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0314-0426)																								
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												

ISSUE DATE: 07/18/18 11:28



ISSUE DATE: 07/18/18 11:28

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 5, 2018 217-218																									
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: 39h 28m 26s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 39h 28m 38s												| 0000 RTLT 39h 28m 48s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	| 0715 14 [D] | ..... 10 ..... |												| ..... 10 ..... |												
	| ..... 40 ..... |												| ..... 40 ..... |												
	| ..... 60 ..... |												| ..... 60 ..... |												
32 DSN COVERAGE	| ..... 40 ..... |												| ..... 40 ..... |												
	| ..... 1700 ..... |												| ..... 1700 ..... |												
	| ..... 43 [D] ..... |												| ..... 43 [D] ..... |												
	| ..... 2220 ..... |												| ..... 2220 ..... |												
	| ..... 40 ..... |												| ..... 40 ..... |												
S/C 32 INITIAL CONDITIONS RTLT: 32h 33m 46s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 32h 33m 52s												| 0000 RTLT 32h 34m 0s												
FDS MODE	CR-5T																								
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 05												AUG 06												

ISSUE DATE: 07/18/18 11:28

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 6, 2018 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 RTLT: 39h 28m 48s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 39h 29m 0s																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<p>..... 10 .....|</p> <p>0930 |----- 43 [D] -----| 1350</p> <p>..... 40</p>																										
32 DSN COVERAGE	<p>..... 40 1635 |----- 43 [D] -----| 2215</p> <p>..... 40</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 32h 34m 0s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 32h 34m 8s																										
FDS MODE														CR-5T													
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 06													AUG 07													