

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: August 15, 2018

For the Period: 08/16/18 to 09/03/18 (18/228 – 18/246)

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.
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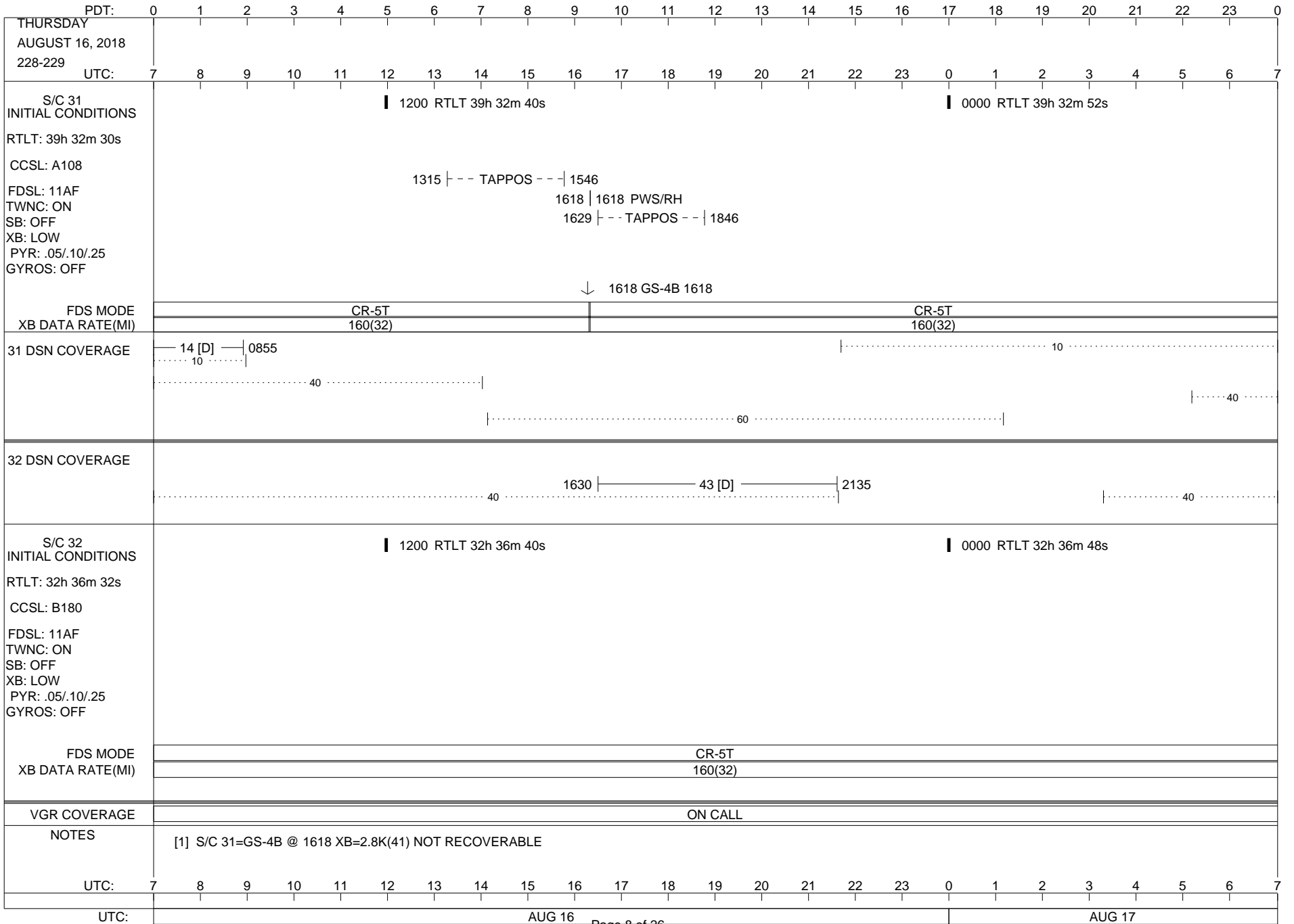
LEGEND:

- ∇ = 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

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

02/27/17

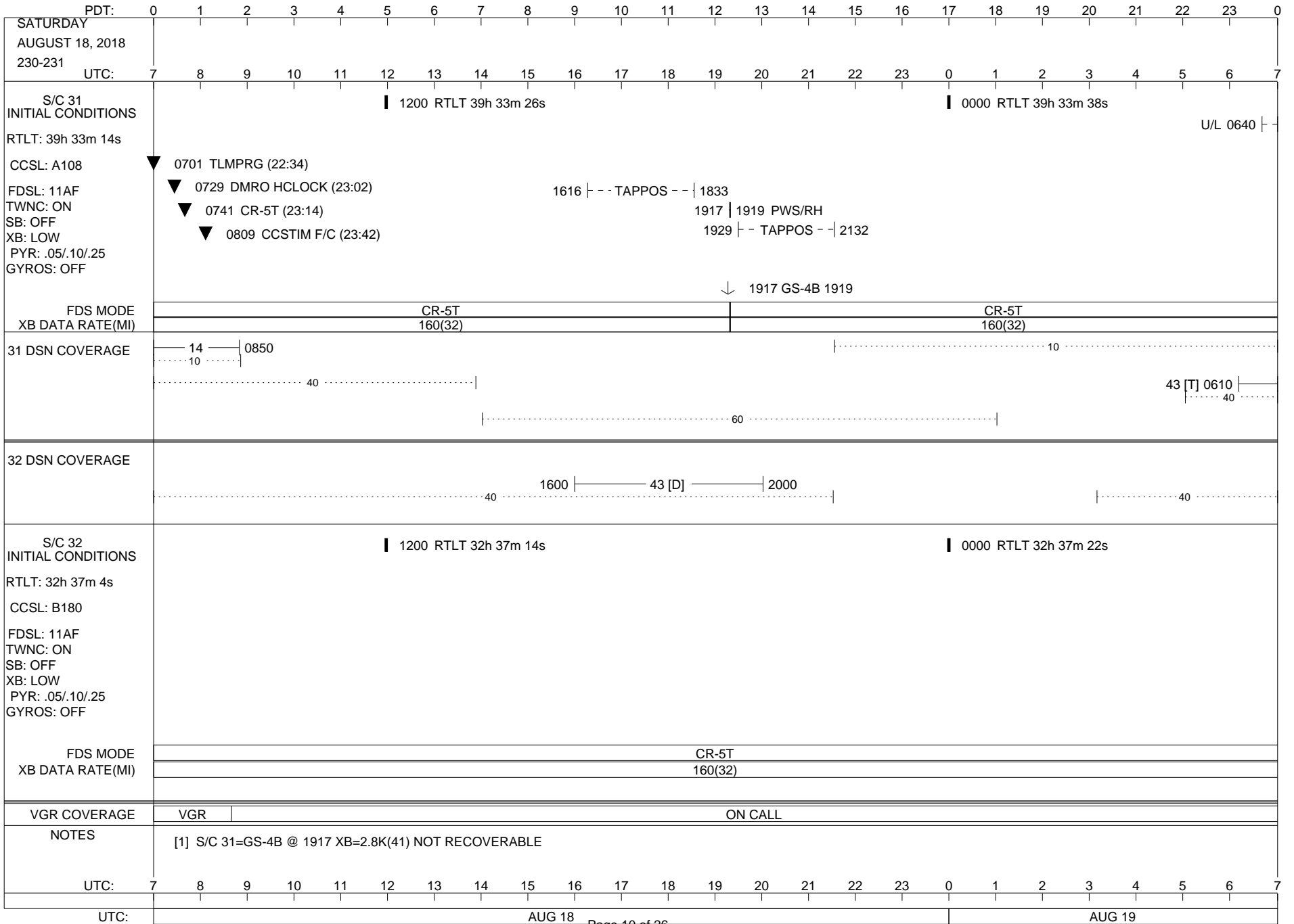
ISSUE DATE: 08/22/18 11:35

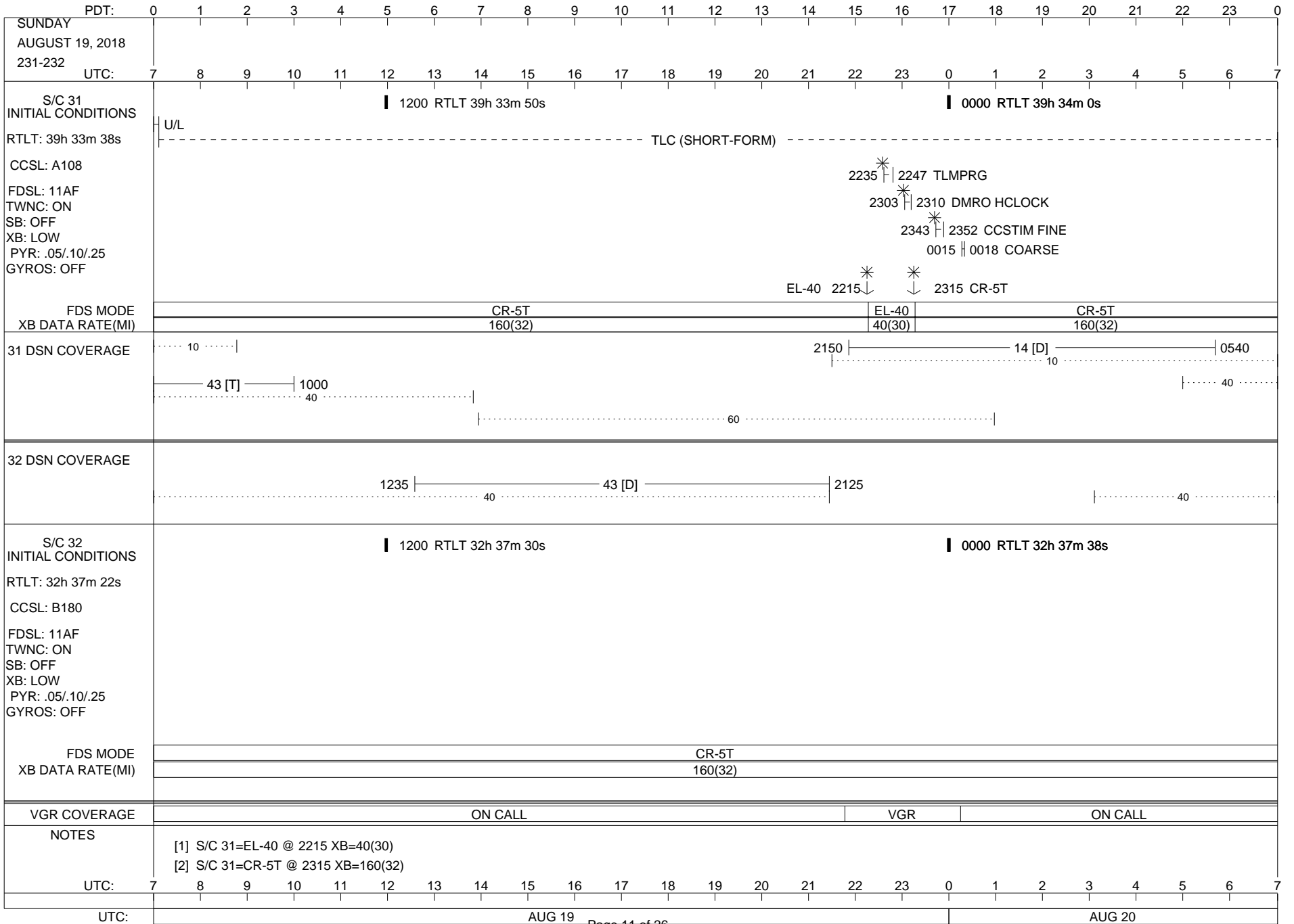


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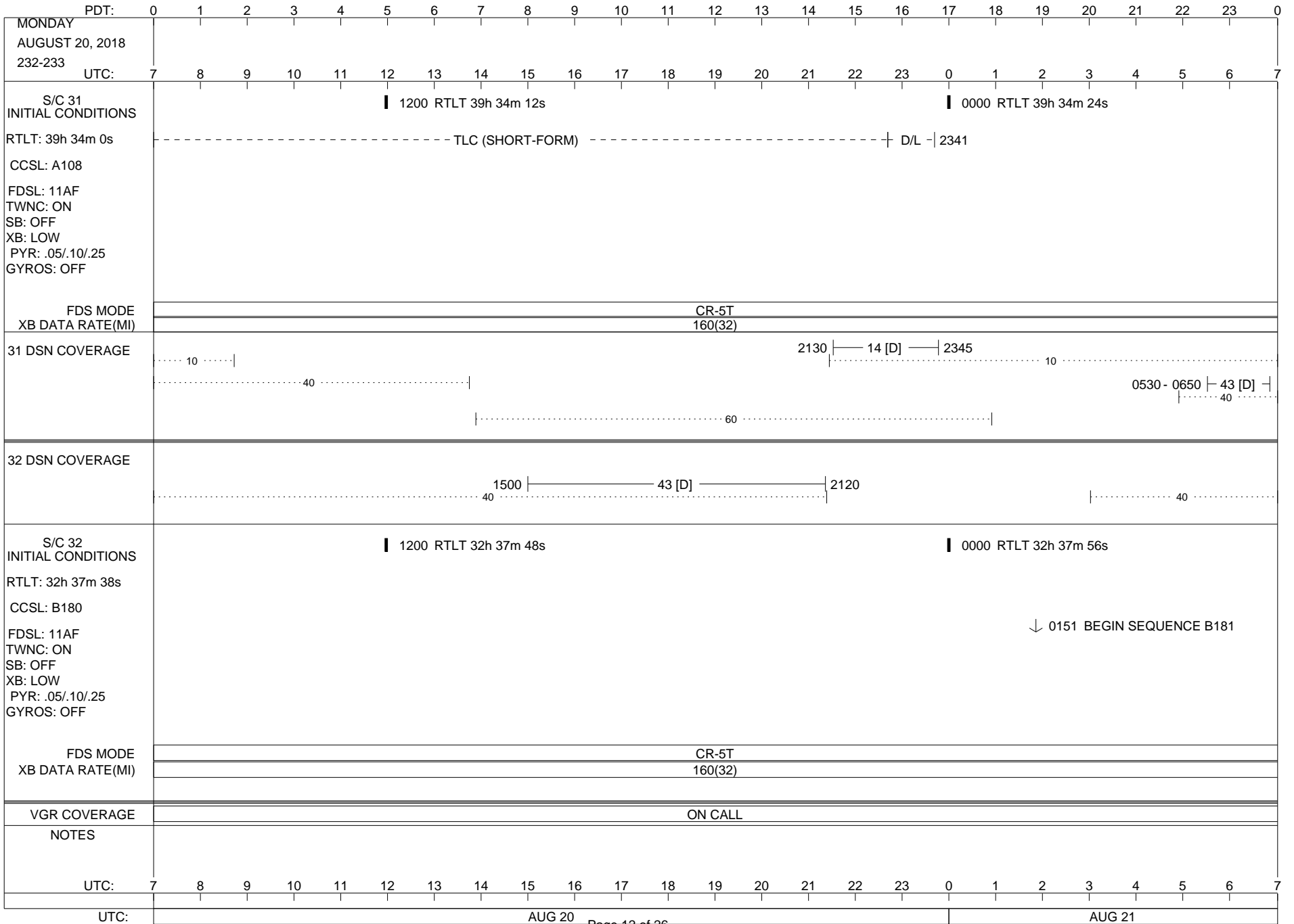
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FRIDAY AUGUST 17, 2018 229-230																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 39h 32m 52s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 39h 33m 4s												| 0000 RTLT 39h 33m 14s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	..... 10 ..... | 0830 |----- 43 [D] -----| 1230 40												|----- 10 ----- 0450 |----- 14 ----- |----- 40 -----											
32 DSN COVERAGE	..... 40 1710 |----- 43 [D] -----| 2130												|----- 40 -----											
S/C 32 INITIAL CONDITIONS RTLT: 32h 36m 48s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 32h 36m 56s												| 0000 RTLT 32h 37m 4s												
FDS MODE	CR-5T																								
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
UTC:	AUG 17												AUG 18												

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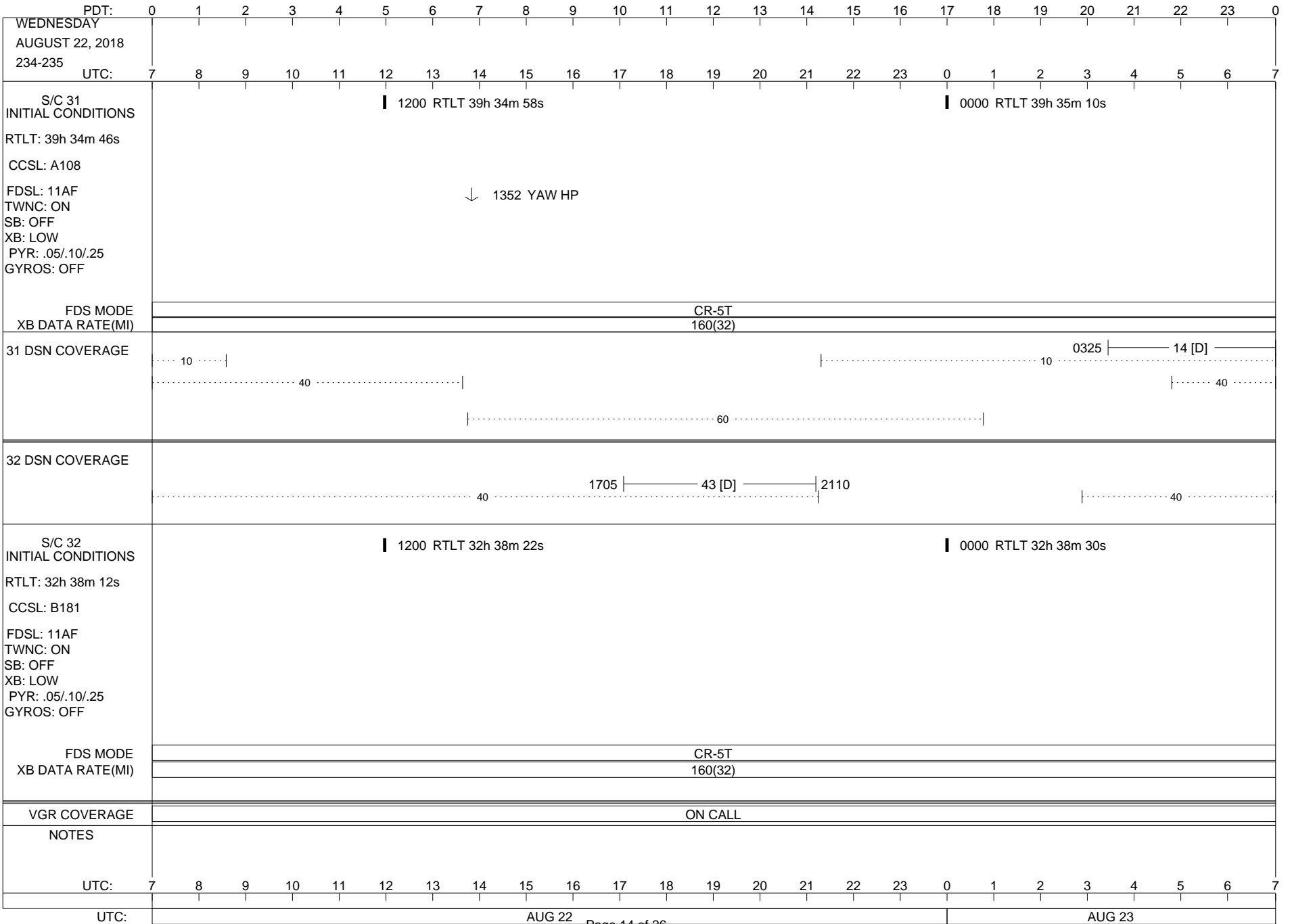


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TUESDAY AUGUST 21, 2018 233-234	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLTL: 39h 34m 24s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 39h 34m 36s												0000 RTLTL 39h 34m 46s															
	0941 | 0942 PWS/RH																											
	↓ 0941 GS-4B 0942																											
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)															
31 DSN COVERAGE	..... 10 ..... |												0000 |----- 14 [D] -----| 0400 |----- 10 -----|															
	..... 40 ..... |												|----- 40 -----|															
	|----- 40 -----|												|----- 60 -----|															
32 DSN COVERAGE	1050 |----- 43 [B] -----| 1450												1900 |----- 43 [D] -----| 2115 |----- 40 -----|															
	|----- 40 -----|												|----- 40 -----|															
S/C 32 INITIAL CONDITIONS RTLTL: 32h 37m 56s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 32h 38m 4s												0000 RTLTL 32h 38m 12s															
	1103 | PLSCAL - | 1245																											
	1103 |--- MAGCAL ---| 1405																											
	1103 |--- PESCAL ---| 1423																											
	▼ 1132 DUMMY (5 MIN BRACKETED 20:11)																											
													↓ 1922 IMPLEMENT ECR 201639															
													1955 | - | 2027 SHUNT POWER TEST															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
VGR COVERAGE	ON CALL				VGR				ON CALL																			
NOTES	[1] S/C 31=GS-4B @ 0941 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 21														AUG 22													

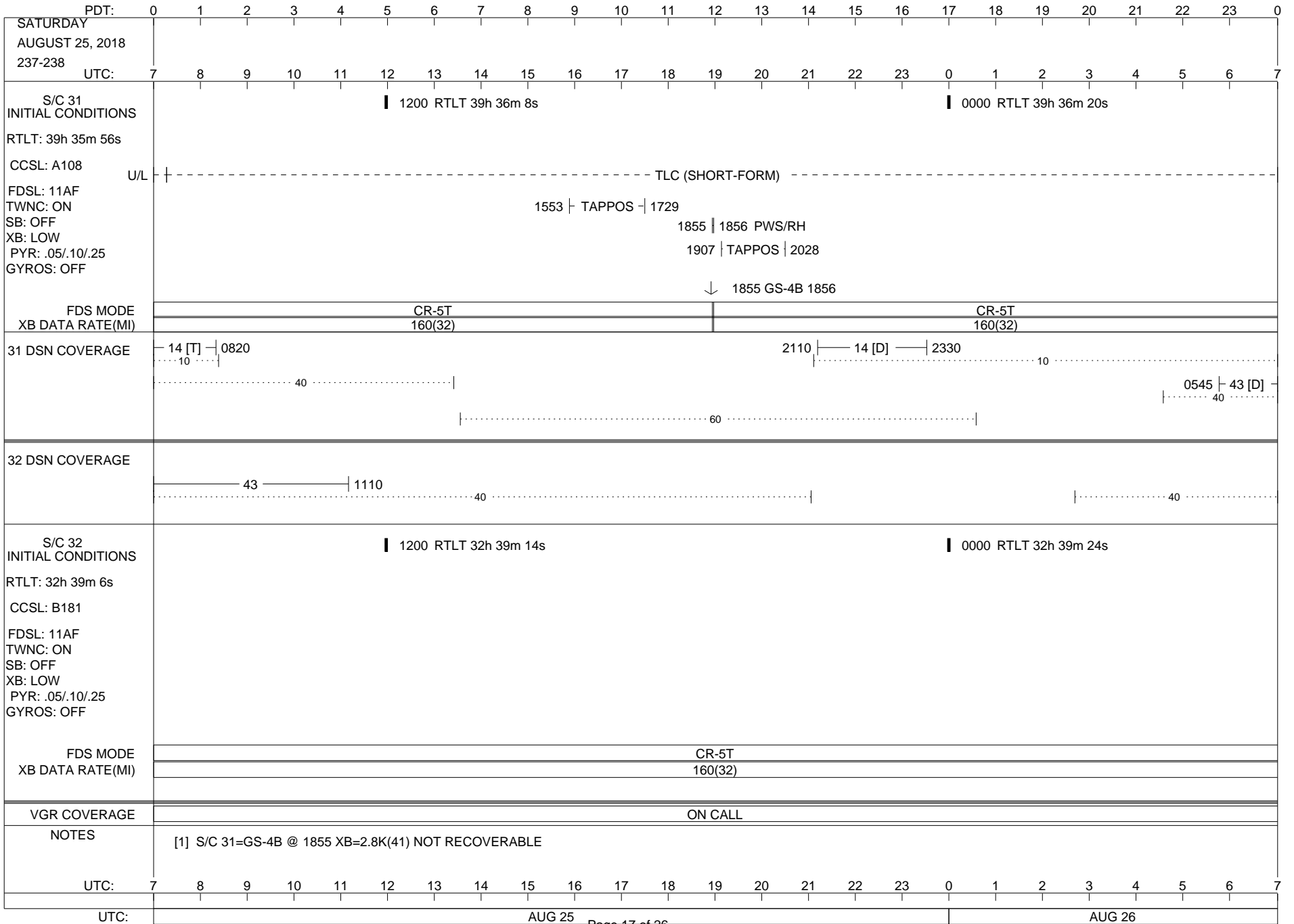
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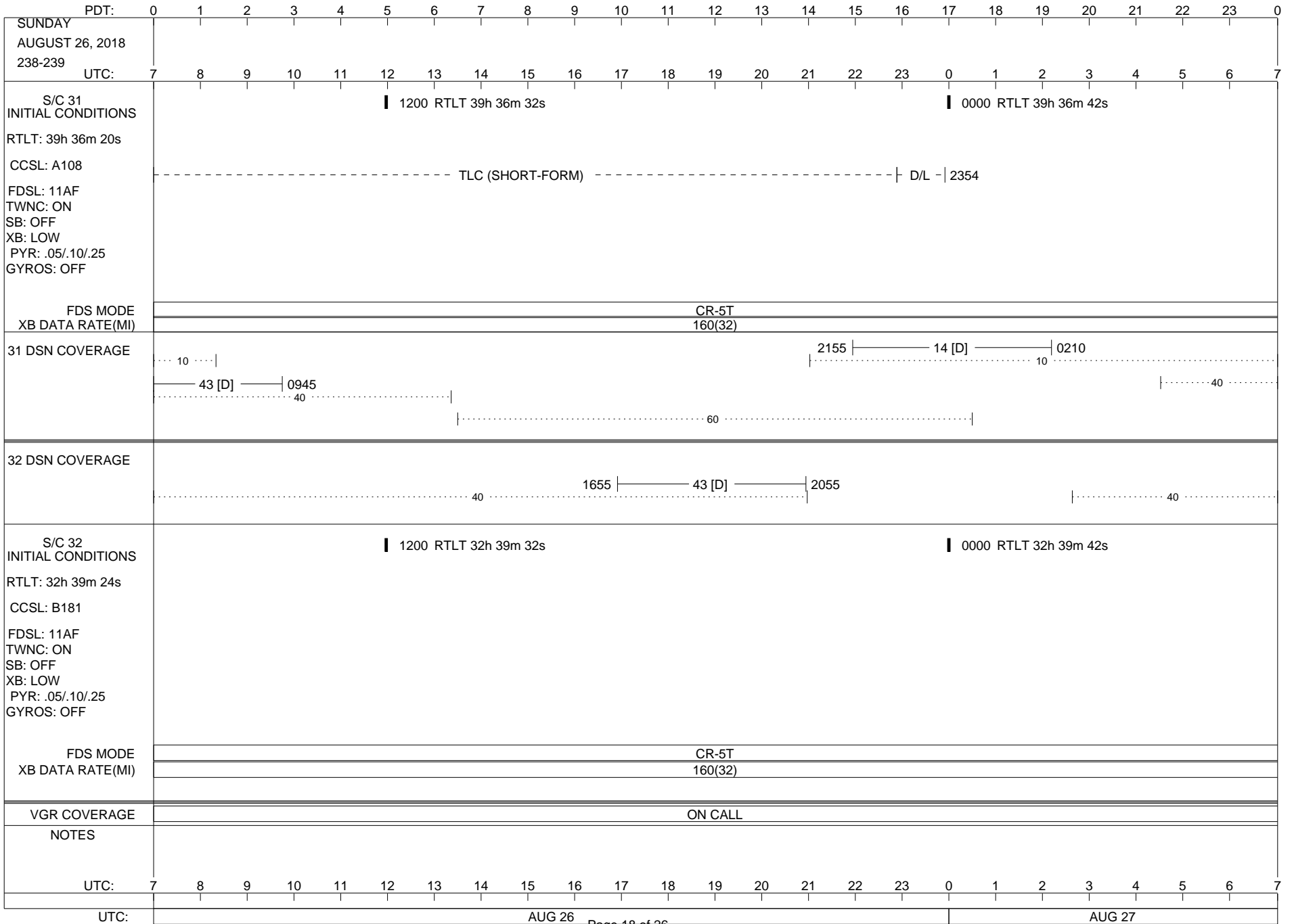
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FRIDAY AUGUST 24, 2018 236-237																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 39h 35m 32s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 39h 35m 44s												| 0000 RTLT 39h 35m 56s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	..... 10 ..... | ----- 43 [D] ----- | 1150 40 ..... | ..... 60 ..... |												0355 |----- 14 [T] ----- |----- 40 -----											
32 DSN COVERAGE	..... 40 ..... |												1650 |----- 43 [D] ----- | 2105 |----- 40 ----- | 0410 |----- 43 -----											
S/C 32 INITIAL CONDITIONS RTLT: 32h 38m 48s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 32h 38m 56s												| 0000 RTLT 32h 39m 6s												
FDS MODE	CR-5T																								
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
UTC:	AUG 24												AUG 25												

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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	
MONDAY AUGUST 27, 2018 239-240																										
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 36m 42s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 39h 36m 54s												| 0000 RTLT 39h 37m 6s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	.....10.....|												|.....10.....											
	.....40.....|												|.....40.....											
													|.....60.....|													
32 DSN COVERAGE	.....40.....												1650 |-----43 [D]-----| 2050												
													|.....40.....												
S/C 32 INITIAL CONDITIONS RTLT: 32h 39m 42s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 32h 39m 50s												| 0000 RTLT 32h 40m 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 27													AUG 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 AUGUST 28, 2018 240-241																												
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 37m 6s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 39h 37m 18s												█ 0000 RTLTL 39h 37m 30s															
	0918 | 0919 PWS/RH																											
	↓ 0918 GS-4B 0919																											
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	.....10.....|												|.....2310|-----14 [D]-----|0400													
	|-----43 [D]-----|1030												|-----40-----|															
	|-----40-----|												|-----60-----|															
32 DSN COVERAGE	1130 |-----43 [B]-----|1530												1850 |-----43 [D]-----|2050															
	|-----40-----|												|-----40-----|															
S/C 32 INITIAL CONDITIONS RTLTL: 32h 40m 0s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 32h 40m 10s												█ 0000 RTLTL 32h 40m 18s															
	▼ 1147 DUMMY (5 MIN BRACKETED 20:28)																											
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
VGR COVERAGE	ON CALL				VGR				ON CALL																			
NOTES	[1] S/C 31=GS-4B @ 0918 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 28														AUG 29													

ISSUE DATE: 08/22/18 11:35

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 29, 2018 241-242																												
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 37m 30s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 39h 37m 42s												█ 0000 RTLT 39h 37m 54s										
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
31 DSN COVERAGE	..... 10 40 60 .....												..... 0330 14 [D] 40											
32 DSN COVERAGE	..... 40 1530 43 [D] 2040 .....												..... 40											
S/C 32 INITIAL CONDITIONS RTLT: 32h 40m 18s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 32h 40m 28s												█ 0000 RTLT 32h 40m 38s										
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 29														AUG 30													

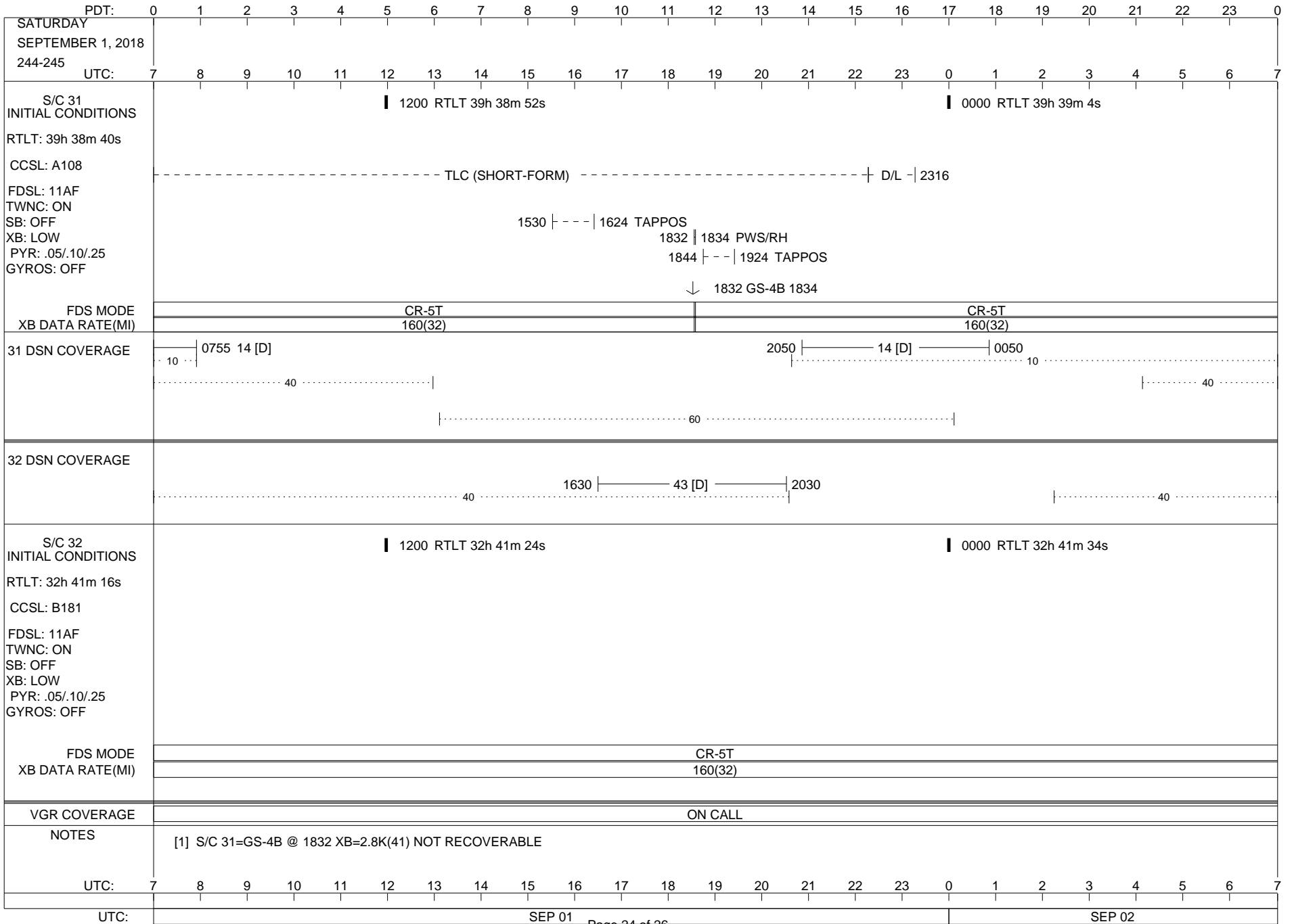
ISSUE DATE: 08/22/18 11:35

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 30, 2018 242-243																												
S/C 31 INITIAL CONDITIONS RTLT: 39h 37m 54s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 38m 4s												0000 RTLT 39h 38m 16s															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	14 [D] | 0800 40 60														0340 |----- 14 [T] ----- 40													
32 DSN COVERAGE	1240 |----- 43 [D] -----| 2040 40 ..... | ..... 40																											
S/C 32 INITIAL CONDITIONS RTLT: 32h 40m 38s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 40m 46s												0000 RTLT 32h 40m 56s															
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
VGR COVERAGE	ON CALL																						VGR					
NOTES	[1] S/C 31=GS-4B @ 1532 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 30														AUG 31													

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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	
FRIDAY AUGUST 31, 2018 243-244	
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 38m 16s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 39h 38m 28s</p> <p>0000 RTLT 39h 38m 40s</p> <p>TLC (SHORT-FORM)</p> <p>↓ 1744 PITCH HP</p>
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)
31 DSN COVERAGE	<p>14 [T] | 0755</p> <p>..... 40 ..... | ..... 10 0315 | ..... 14 [D] 40 ..... | ..... 60 ..... | ..... 40</p>
32 DSN COVERAGE	<p>..... 40 1625 | ..... 43 [D] ..... | 2035 40</p>
S/C 32 INITIAL CONDITIONS RTLT: 32h 40m 56s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 32h 41m 6s</p> <p>0000 RTLT 32h 41m 16s</p>
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:	AUG 31 | SEP 01

ISSUE DATE: 08/22/18 11:35



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 SEPTEMBER 2, 2018 245-246																										
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 39m 4s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 39h 39m 16s												| 0000 RTLTL 39h 39m 28s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	| 10 ..|												| 0310 |----- 14 [D] -----|													
	|----- 40 -----|												|----- 40 -----|													
	|----- 60 -----|																									
32 DSN COVERAGE	|----- 40 -----|												| 1630 |----- 43 [D] -----| 2030													
	|----- 40 -----|												|----- 40 -----|													
S/C 32 INITIAL CONDITIONS RTLTL: 32h 41m 34s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 32h 41m 44s												| 0000 RTLTL 32h 41m 54s													
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:	SEP 02													SEP 03												

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 SEPTEMBER 3, 2018 246-247																											
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 39m 28s CCSL: A108 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">| 1200 RTLT 39h 39m 40s</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<p>0745 14 [D]</p> <p>.....40.....</p> <p>.....60.....</p>																										
32 DSN COVERAGE	<p>.....40.....1625 |-----43 [D]-----| 2025</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 32h 41m 54s CCSL: B181 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">| 1200 RTLT 32h 42m 4s</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
VGR COVERAGE	ON CALL																										
NOTES	<p>JPL HOLIDAY!</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:	SEP 03													SEP 04													