

VOYAGER Space Flight Operations Schedule (SFOS)
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Issue Date: June 13, 2018

For the Period: 06/14/18 to 07/02/18 (18/165 – 18/183)

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.	

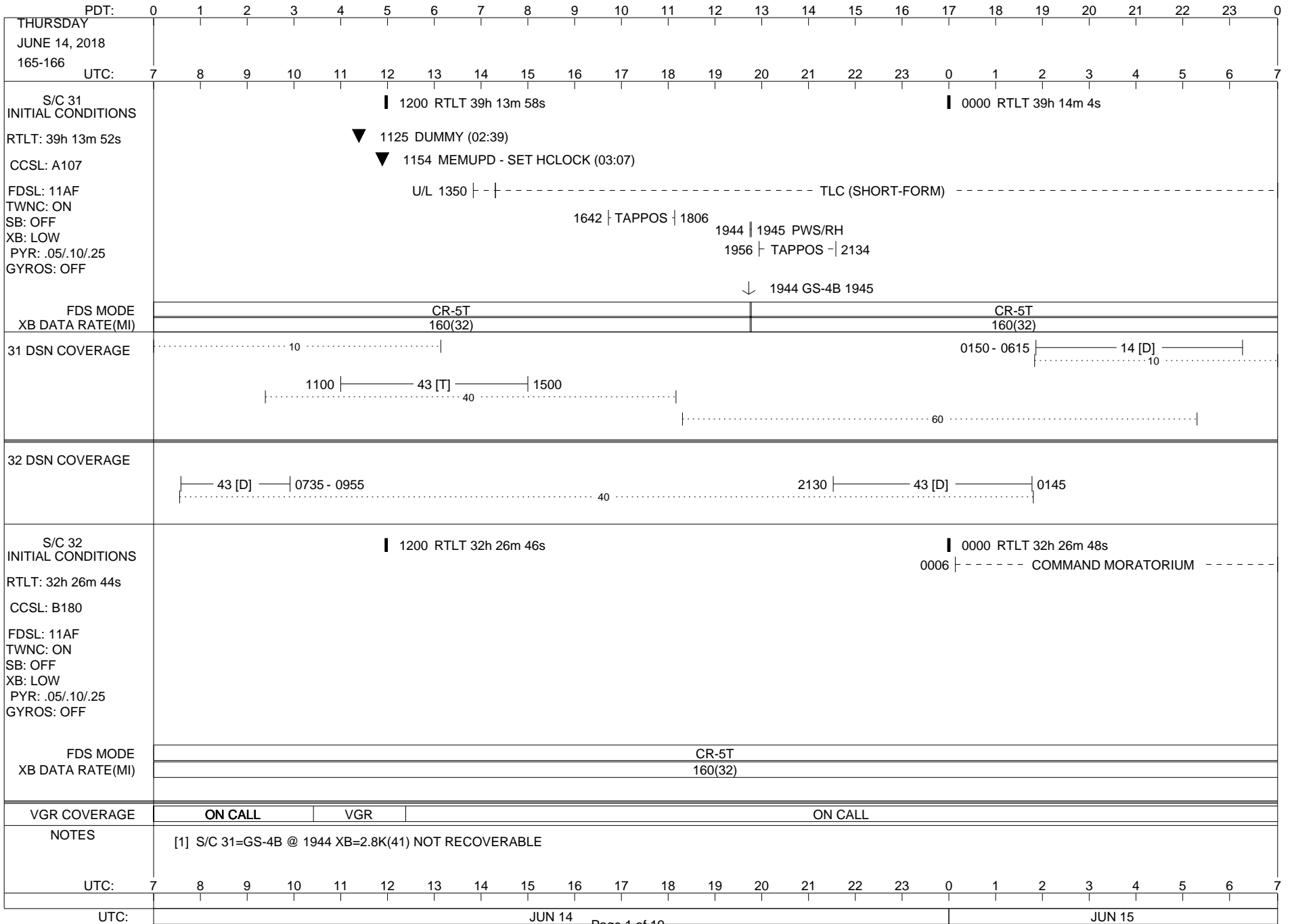
LEGEND:

- ∇ = 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

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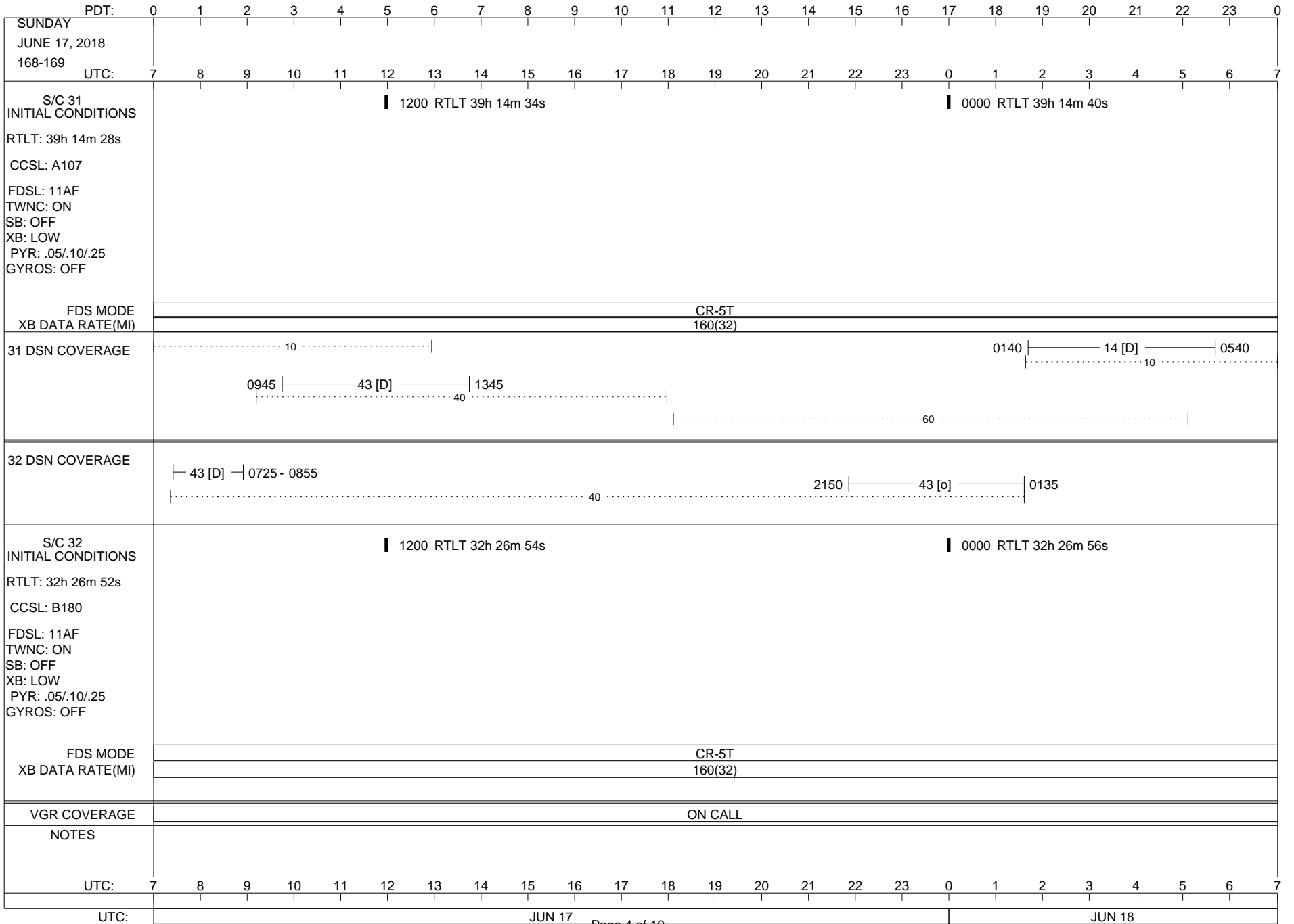
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FRIDAY JUNE 15, 2018 166-167																												
S/C 31 INITIAL CONDITIONS RTLTL: 39h 14m 4s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 14m 10s												0000 RTLT 39h 14m 16s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE10									40										0230 - 0630 -----14 [D]----- 10							
32 DSN COVERAGE40										2140 -----43 [D]----- 0140																	
S/C 32 INITIAL CONDITIONS RTLTL: 32h 26m 48s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 26m 48s												0000 RTLT 32h 26m 50s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
VGR COVERAGE	ON CALL														VGR				ON CALL									
NOTES																												
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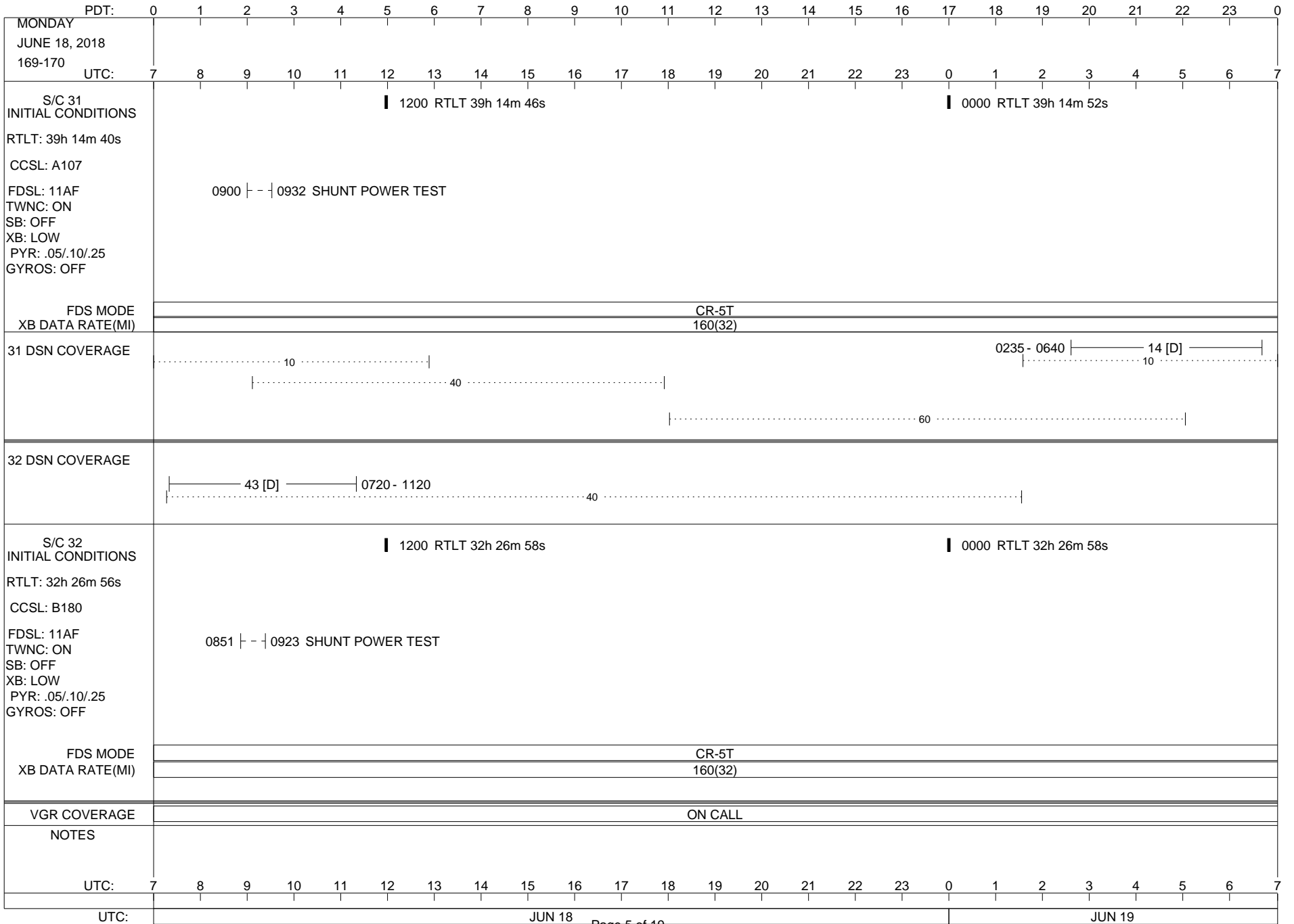
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SATURDAY JUNE 16, 2018 167-168																													
S/C 31 INITIAL CONDITIONS RTLT: 39h 14m 16s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 39h 14m 22s														0000 RTLT 39h 14m 28s													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)														CR-5T 160(32)													
31 DSN COVERAGE		<p>..... 10 .....|</p> <p>|..... 40 .....|</p> <p>|..... 60 .....|</p>																											
32 DSN COVERAGE		0800 |----- 43 [DAR] -----| 1230 0815 |--- 36 [DA] ---| 1030														0005 |--- 43 [D] ---| 0135													
S/C 32 INITIAL CONDITIONS RTLT: 32h 26m 50s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 32h 26m 52s														0000 RTLT 32h 26m 52s													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)														CR-5T 160(32)													
VGR COVERAGE		VGR														ON CALL													
NOTES		<p>[1] S/C 31=GS-4B @ 2244 XB=2.8K(41) NOT RECOVERABLE</p> <p>[2] S/C 32 = D/L AGC & SNR VARIATIONS EXPECTED DURING MAGROL (0907-1015)</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:		JUN 16														JUN 17													

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TUESDAY JUNE 19, 2018 170-171																									
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S/C 31 INITIAL CONDITIONS RTLT: 39h 14m 52s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 39h 14m 58s												█ 0000 RTLT 39h 15m 4s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	..... 10 .....|												|..... 0235 |----- 14 [D] -----|												
	|..... 40 .....|												|..... 60 .....|												
32 DSN COVERAGE	|..... 0845 |----- 43 [D] -----|												|..... 1300 .....|												
S/C 32 INITIAL CONDITIONS RTLT: 32h 26m 58s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 32h 27m 0s												█ 0000 RTLT 32h 27m 2s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1307 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
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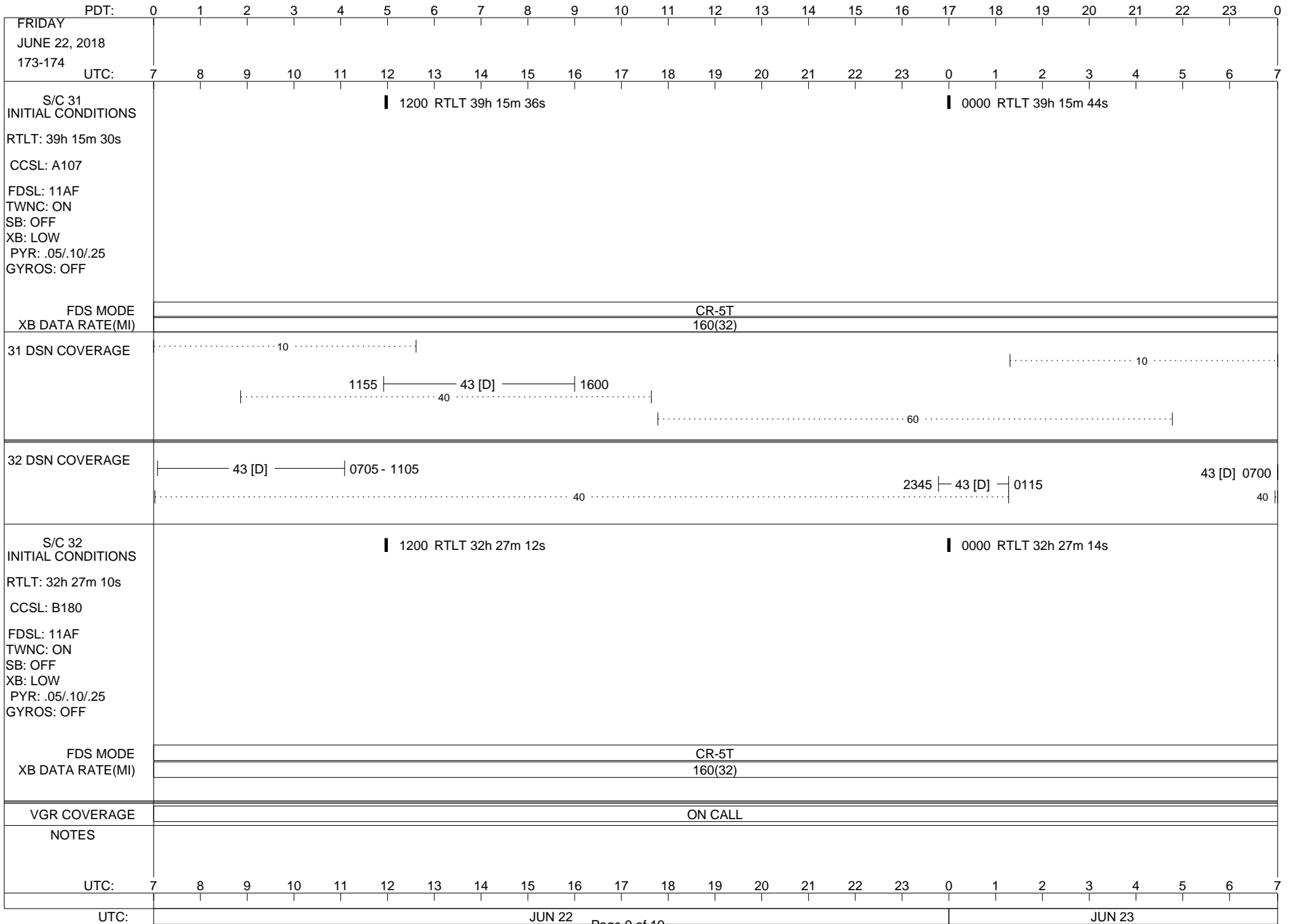
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WEDNESDAY JUNE 20, 2018 171-172																									
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S/C 31 INITIAL CONDITIONS RTLT: 39h 15m 4s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 15m 10s												0000 RTLT 39h 15m 18s												
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	14 [D] | 0840												| 10												
	| 10												| 40												
													| 60												
32 DSN COVERAGE	43 [D] | 0710 - 1110												| 40												
S/C 32 INITIAL CONDITIONS RTLT: 32h 27m 2s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 32h 27m 4s												| 0000 RTLT 32h 27m 6s												
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:	JUN 20												JUN 21												

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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
THURSDAY JUNE 21, 2018 172-173																									
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 15m 18s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 39h 15m 24s												| 0000 RTLT 39h 15m 30s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	.....| 10 .....												.....| 10											
	|..... 1305 |----- 43 [D] -----| 1710												|..... 60											
	|..... 40 .....												|..... 60											
32 DSN COVERAGE	|..... 0815 |----- 43 [D] -----| 1215												|..... 0005 | 43 [B] | 0115											
	|..... 40 .....												|..... 40											
S/C 32 INITIAL CONDITIONS RTLT: 32h 27m 6s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 32h 27m 8s												| 0000 RTLT 32h 27m 10s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												VGR			ON CALL									
NOTES	[1] S/C 31=GS-4B @ 1920 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:	JUN 21												JUN 22												

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SATURDAY JUNE 23, 2018 174-175																												
S/C 31 INITIAL CONDITIONS RTLT: 39h 15m 44s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF		1200 RTLT 39h 15m 50s												0000 RTLT 39h 15m 58s														
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)												CR-5T 160(32)														
31 DSN COVERAGE		0810 |-----| 14 [T] |-----| 1230 |-----| 10 |-----| 10 |-----| 40 |-----| 60 |-----|																										
32 DSN COVERAGE		43 [D] |-----| 0700 - 1100 |-----| 40 |-----| 2155 |-----| 43 [D] |-----| 0110 |-----| 43 [D] 0655 |-----| 40 |-----|																										
S/C 32 INITIAL CONDITIONS RTLT: 32h 27m 14s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF		1200 RTLT 32h 27m 16s												0000 RTLT 32h 27m 18s														
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																										
VGR COVERAGE		ON CALL												VGR ON CALL														
NOTES		[1] S/C 31=GS-4B @ 2220 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		
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MONDAY JUNE 25, 2018 176-177																												
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 16m 10s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 39h 16m 18s												█ 0000 RTLT 39h 16m 24s										
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
31 DSN COVERAGE 10 40|.....|										0110|-----14 [D]-----|0335				|-----10|			
32 DSN COVERAGE	.....|40|.....|										.....|1725|-----43 [o]-----|2240										.....|40|.....|							
S/C 32 INITIAL CONDITIONS RTLT: 32h 27m 22s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 32h 27m 26s												█ 0000 RTLT 32h 27m 28s										
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:	JUN 25														JUN 26													

ISSUE DATE: 06/12/18 08:09

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TUESDAY JUNE 26, 2018 177-178																									
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 16m 24s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 16m 32s												0000 RTLT 39h 16m 40s												
	1244 | 1245 PWS/RH																								
	↓ 1244 GS-4B 1245																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0910 | 43 [D] | 1330												0120 | 14 [D] | 0335												
	10												10												
	40												60												
32 DSN COVERAGE	1410 | 35 [DAR] | 1810												43 [D] 0645 |												
	1410 | 36 [DA] | 1810												40												
S/C 32 INITIAL CONDITIONS RTLT: 32h 27m 28s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 27m 30s												0000 RTLT 32h 27m 32s												
	1410 | PLSCAL - | 1553																								
	1410 | --- MAGCAL --- | 1713																								
	1410 | ---- PESCAL ---- | 1730																								
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1244 XB=2.8K(41) NOT RECOVERABLE																								
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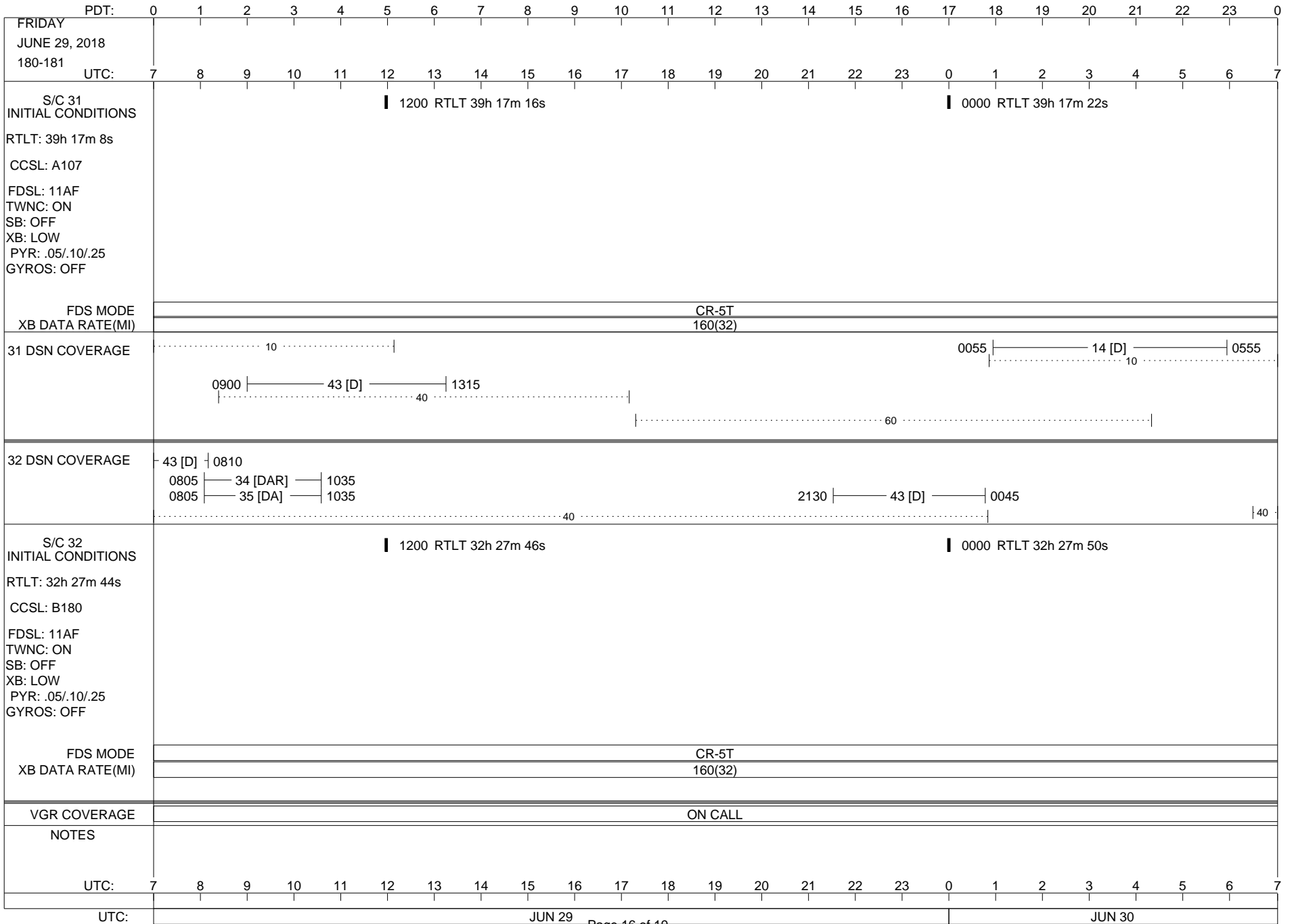
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WEDNESDAY JUNE 27, 2018 178-179																													
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S/C 31 INITIAL CONDITIONS RTLT: 39h 16m 40s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200																							
FDS MODE													CR-5T																
XB DATA RATE(MI)													160(32)																
31 DSN COVERAGE													0100	|----- 14 [D] -----|		0335													
														|----- 10 -----|		|----- 10 -----|													
														|----- 40 -----|															
														|----- 60 -----|															
32 DSN COVERAGE														|----- 43 [D] -----|		1205													
														|----- 40 -----|															
														|----- 40 -----|															
S/C 32 INITIAL CONDITIONS RTLT: 32h 27m 32s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200																							
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:	JUN 27													JUN 28															

ISSUE DATE: 06/12/18 08:09

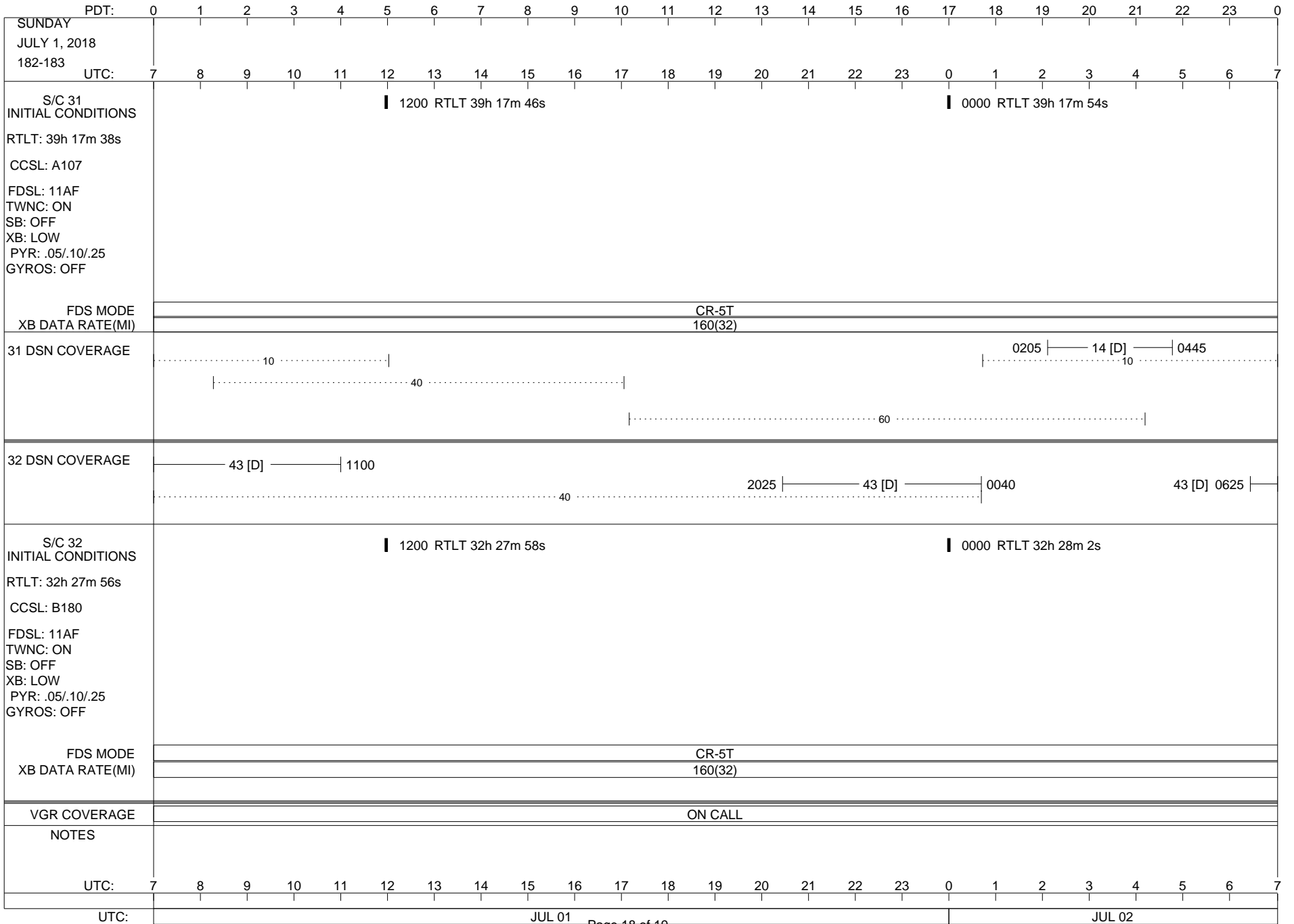
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THURSDAY JUNE 28, 2018 179-180																										
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S/C 31 INITIAL CONDITIONS RTLT: 39h 16m 54s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 17m 0s												0000 RTLT 39h 17m 8s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)													
31 DSN COVERAGE	0845 | 43 [D] | 1010												1055 | 43 [D] | 1315													
32 DSN COVERAGE	1055 | 43 [D] | 1315												43 [D] 0635 |													
S/C 32 INITIAL CONDITIONS RTLT: 32h 27m 38s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 27m 40s												0000 RTLT 32h 27m 44s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)													
VGR COVERAGE	ON CALL												ON CALL													
NOTES	[1] S/C 31=GS-4B @ 1857 XB=2.8K(41) NOT RECOVERABLE																									
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UTC:	JUN 28													JUN 29												

ISSUE DATE: 06/12/18 08:09



ISSUE DATE: 06/12/18 08:09

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SATURDAY JUNE 30, 2018 181-182	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 17m 22s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 17m 30s												0000 RTLT 39h 17m 38s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	.....|												0100 |----- 14 [D] -----| 0505 |----- 10 -----| |----- 40 -----| |----- 60 -----|												
32 DSN COVERAGE	| 34 [DAR] | 0720 - 0855 | 36 [DA] | 0720 - 0855												2010 |----- 43 [B] -----| 0030 43 [D] 0625 | |----- 40 -----|												
S/C 32 INITIAL CONDITIONS RTLT: 32h 27m 50s CCSL: B180 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 27m 52s												0000 RTLT 32h 27m 56s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL												VGR ON CALL												
NOTES	[1] S/C 31=GS-4B @ 2157 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:	JUN 30												JUL 01												



ISSUE DATE: 06/12/18 08:09

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MONDAY																											
JULY 2, 2018																											
183-184																											
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 39h 18m 2s																									
RTLT: 39h 17m 54s																											
CCSL: A107																											
FDSL: 11AF		▼ 1100 DUMMY (02:18)																									
TWNC: ON																											
SB: OFF																											
XB: LOW																											
PYR: .05/.10/.25																											
GYROS: OFF																											
FDS MODE		CR-5T																									
XB DATA RATE(MI)		160(32)																									
31 DSN COVERAGE		<p>.....10.....|</p> <p>0940 |-----43-----|1440</p> <p>|-----40-----|</p>																									
32 DSN COVERAGE		<p>43 [D] |-----0835-----|</p> <p>1840 |-----43 [D]-----|2240</p>																									
S/C 32 INITIAL CONDITIONS		| 1200 RTLT 32h 28m 4s																									
RTLT: 32h 28m 2s																											
CCSL: B180																											
FDSL: 11AF																											
TWNC: ON																											
SB: OFF																											
XB: LOW																											
PYR: .05/.10/.25																											
GYROS: OFF																											
FDS MODE		CR-5T																									
XB DATA RATE(MI)		160(32)																									
VGR COVERAGE		ON CALL						VGR						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 02														JUL 03											