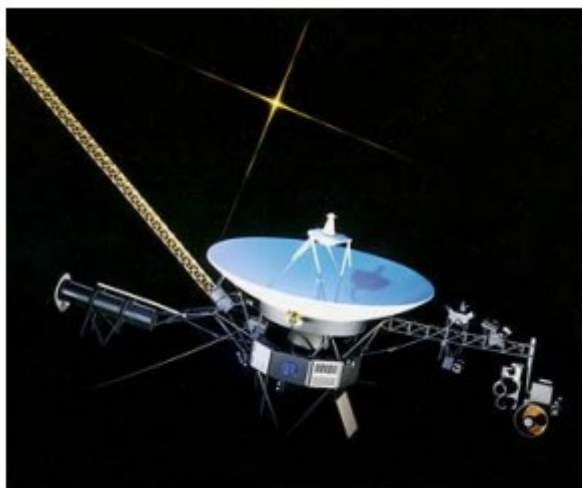


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: June 5, 2019

For the Period: 06/06/19 to 06/24/19 (19/157 – 19/175)



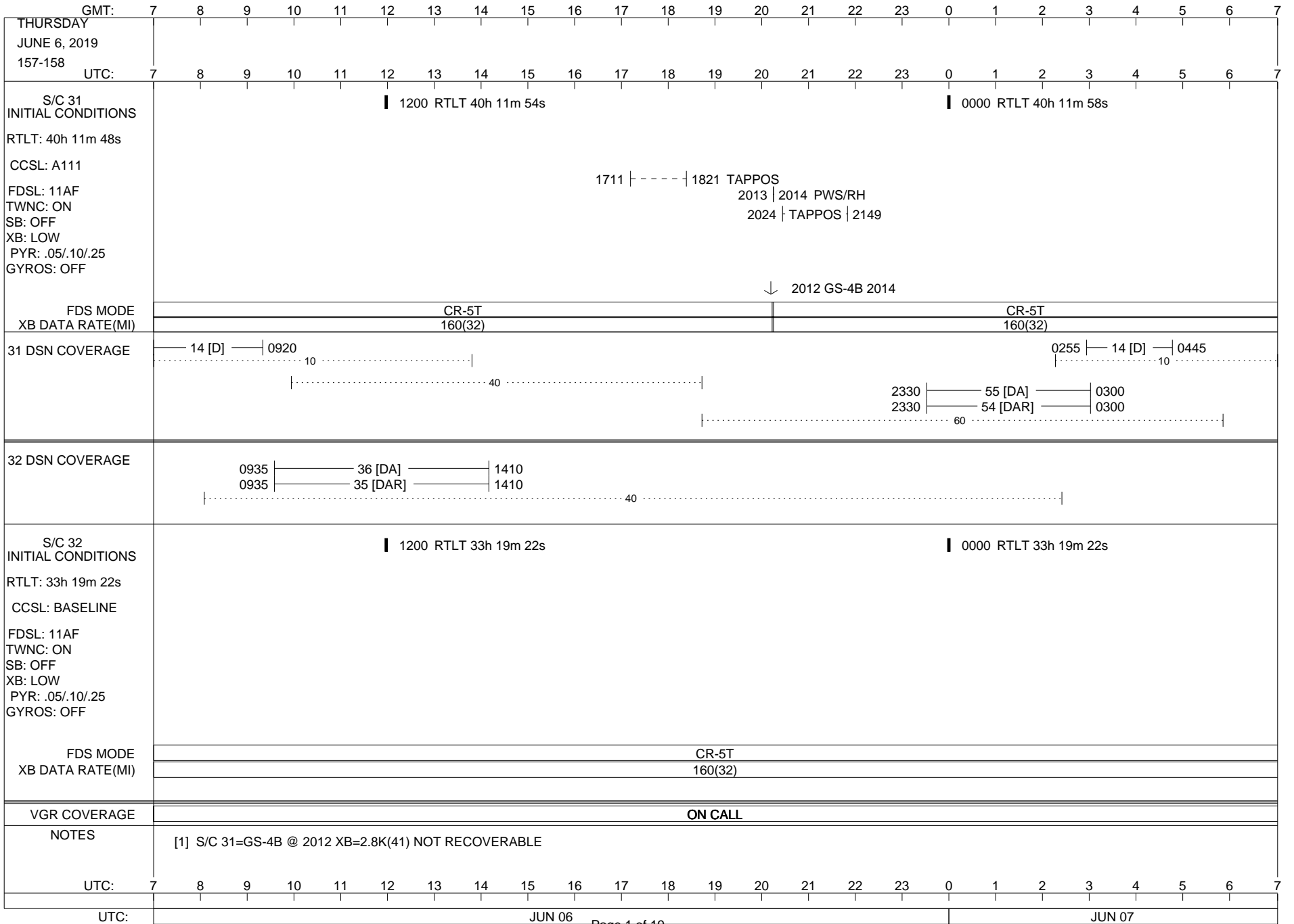
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

LEGEND:

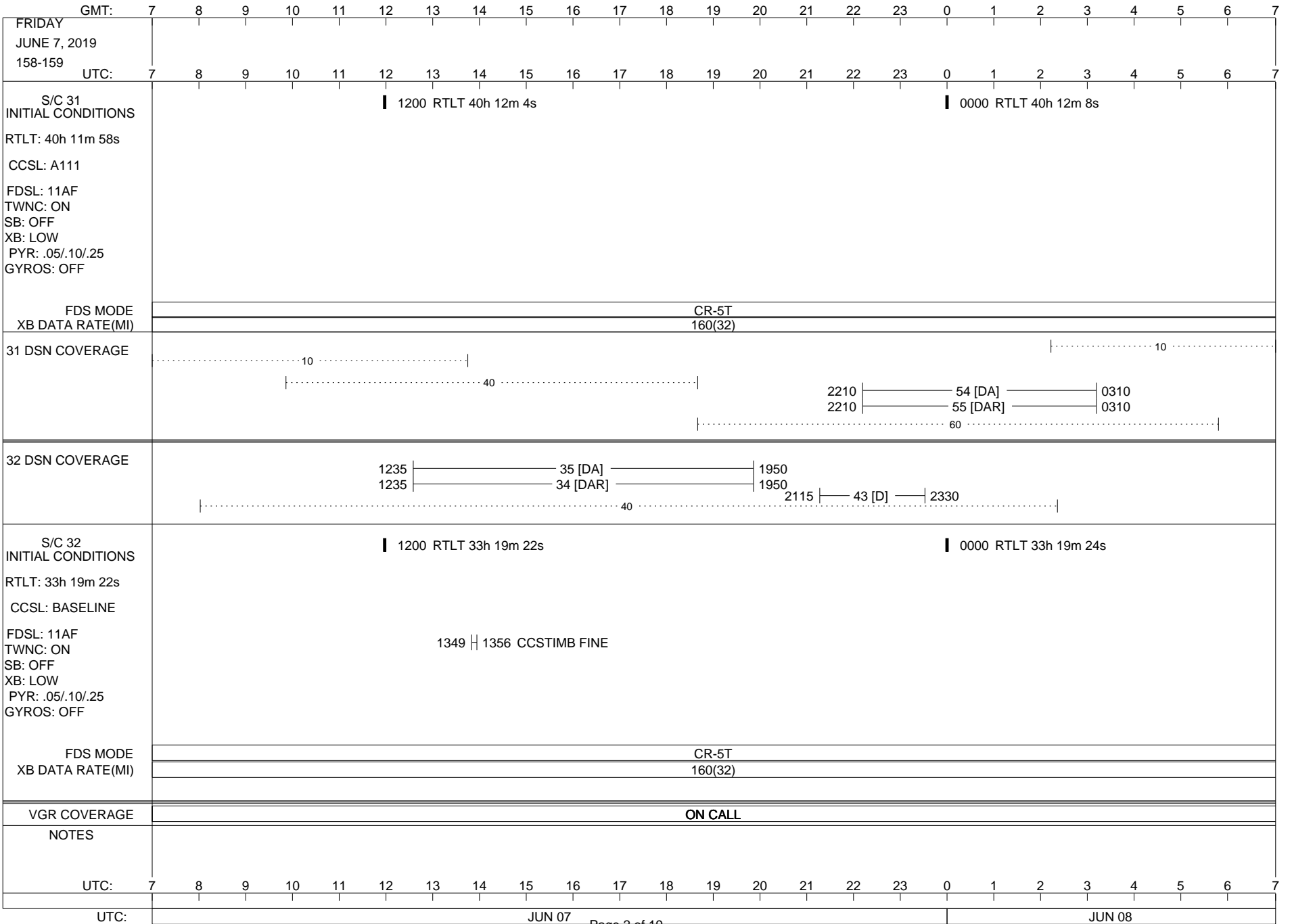
∇ = R/T Command (Last chance or Contingency)
▼ = R/T Command (Scheduled)
* = Result of R/T Command
n = (where n = 1,2,3 ..) Special Note, see bottom of page
A = Arrayed station
B = BLF
D = Downlink only pass
H = High Power Transmitter
R = Array Reference Antenna
T = TLC Uplink
U = Uplink only pass
[o] = Ramp-through

02/27/19

ISSUE DATE: 06/10/19 19:04



ISSUE DATE: 06/10/19 19:04



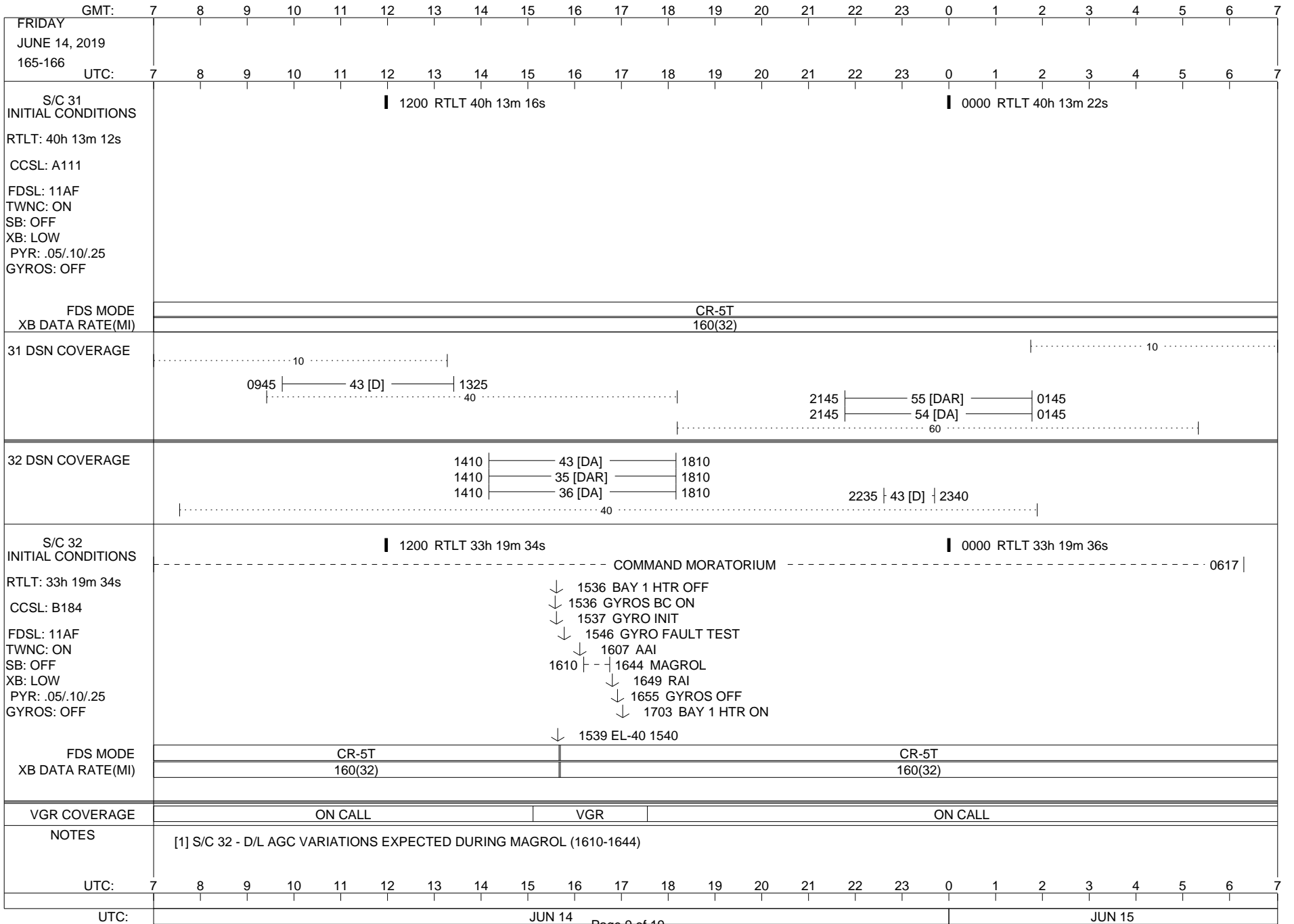
ISSUE DATE: 06/10/19 19:04

GMT:	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
TUESDAY JUNE 11, 2019 162-163																									
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: 40h 12m 38s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 40h 12m 44s												0000 RTLT 40h 12m 50s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	14 [T] | 0900												10												
	10												40												
	2145 | 65 [DAR] | 0145												2145 | 55 [DA] | 0145												
	60																								
32 DSN COVERAGE	0835 | 43 [o] | 1300												2245 | 43 [D] | 0135												
	40																								
S/C 32 INITIAL CONDITIONS RTLT: 33h 19m 28s CCSL: B184 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 19m 28s												0000 RTLT 33h 19m 30s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 1336 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 11												JUN 12												

ISSUE DATE: 06/10/19 19:04

GMT:	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	
WEDNESDAY JUNE 12, 2019 163-164																										
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: 40h 12m 50s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 40h 12m 54s												█ 0000 RTLT 40h 13m 0s								
FDS MODE XB DATA RATE(MI)																										
31 DSN COVERAGE																										

ISSUE DATE: 06/10/19 19:04



ISSUE DATE: 06/10/19 19:04

GMT:	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
SATURDAY JUNE 15, 2019 166-167	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: 40h 13m 22s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 40h 13m 28s												0000 RTLT 40h 13m 34s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	..... 10												0225 | 14 [D] | 0410 10											
	| ..... 40												2305 | 65 [DAR] | 0235 2305 | 55 [DA] | 0235 60											
32 DSN COVERAGE	| ..... 43 [B] ..... | 0735 - 1205 | ..... 40																							
S/C 32 INITIAL CONDITIONS RTLT: 33h 19m 36s CCSL: B184 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 33h 19m 36s												0000 RTLT 33h 19m 38s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 2249 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 15												JUN 16												

ISSUE DATE: 06/10/19 19:04

GMT:	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	
SUNDAY JUNE 16, 2019 167-168																										
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: 40h 13m 34s CCSL: A111 FDSL: 11AF 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														0535 | 14 [D] |												
	0945 | 43 [D] | 1205													2320 | 55 [DA] | 0320 2320 | 54 [DAR] | 0320												
32 DSN COVERAGE	0855 | 36 [DAR] | 1205 0855 | 35 [DA] | 1205													1750 | 43 [o] | 0015												
S/C 32 INITIAL CONDITIONS RTLT: 33h 19m 38s CCSL: B184 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												
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 16													JUN 17												

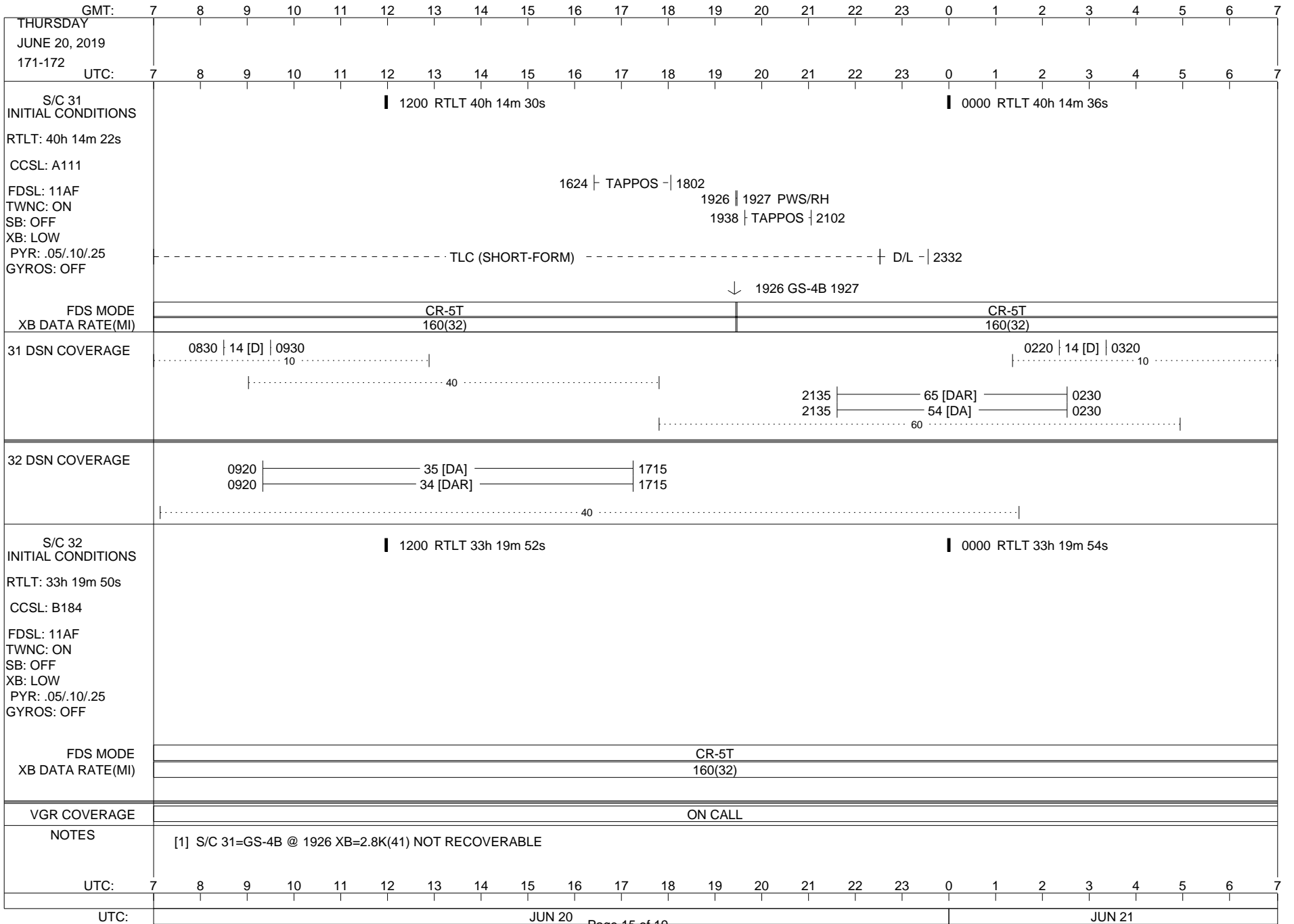
ISSUE DATE: 06/10/19 19:04

GMT:	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	
MONDAY JUNE 17, 2019 168-169																										
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: 40h 13m 46s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 40h 13m 52s												| 0000 RTLT 40h 13m 58s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	14 [D] | 0905.....||.....40.....| |.....60.....|												0520 | 14 [D] | .....| |.....10.....|													
32 DSN COVERAGE	0830 | 43 [D] | 1445.....||.....40.....|																									
S/C 32 INITIAL CONDITIONS RTLT: 33h 19m 40s CCSL: B184 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 33h 19m 42s												| 0000 RTLT 33h 19m 44s													
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 17													JUN 18												

ISSUE DATE: 06/10/19 19:04

GMT:	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
WEDNESDAY JUNE 19, 2019 170-171																									
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: 40h 14m 10s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						1200												0000							
MAGCAL | 0830 PESCAL - | 0848																									
----- TLC (SHORT-FORM) -----																									
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE		14 [T]		0910																					
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 33h 19m 48s CCSL: B184 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						1200												0000							
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:																									

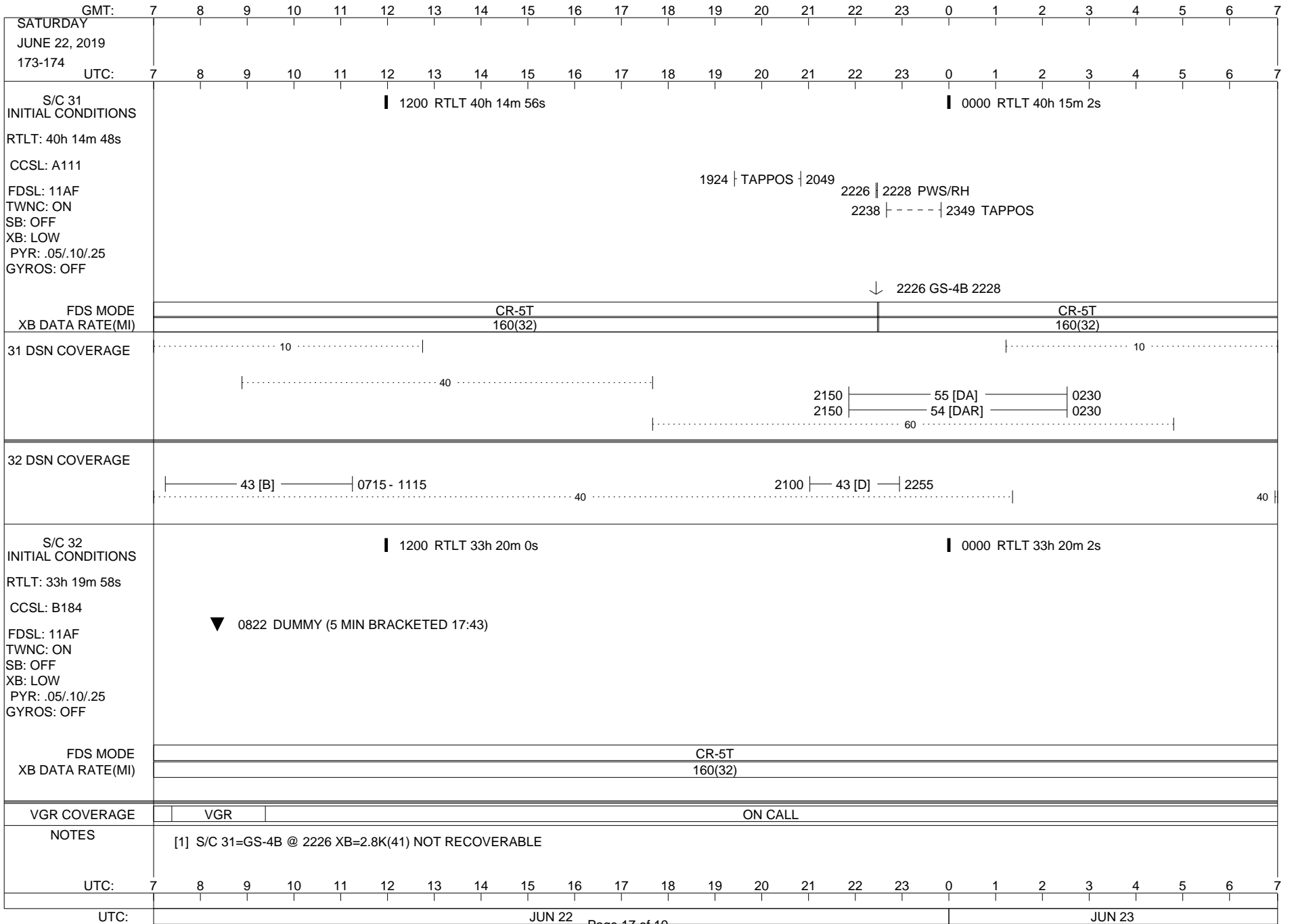
ISSUE DATE: 06/10/19 19:04



ISSUE DATE: 06/10/19 19:04

GMT:	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 JUNE 21, 2019 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: 40h 14m 36s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF						█ 1200 RTLT 40h 14m 42s												█ 0000 RTLT 40h 14m 48s								
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	|-----10-----|												|-----10-----|													
	|-----40-----|												|-----60-----|													
													2125 |-----55 [DAR]-----| 0205 2125 |-----54 [DA]-----| 0205													
32 DSN COVERAGE	|-----40-----|												1845 |-----43 [D]-----| 2300													
S/C 32 INITIAL CONDITIONS RTLT: 33h 19m 54s CCSL: B184 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF						█ 1200 RTLT 33h 19m 56s												█ 0000 RTLT 33h 19m 58s								
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 21													JUN 22												

ISSUE DATE: 06/10/19 19:04



ISSUE DATE: 06/10/19 19:04

GMT:	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	
SUNDAY JUNE 23, 2019 174-175																										
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: 40h 15m 2s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200												█ 0000								
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	.....| 10 .....												.....| 10											
	|..... 40 .....												|..... 60											
													2120 |----- 65 [DA] -----| 0140 2120 |----- 55 [DAR] -----| 0140													
32 DSN COVERAGE													.....| 1700 |----- 43 [D] -----| 2355												
S/C 32 INITIAL CONDITIONS RTLTL: 33h 20m 2s CCSL: B184 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200												█ 0000								
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 23													JUN 24												

ISSUE DATE: 06/10/19 19:04

GMT:	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
MONDAY JUNE 24, 2019 175-176																									
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: 40h 15m 16s CCSL: A111 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 40h 15m 22s																								
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	.....| 10 ..... | ..... 40 .....|																								
32 DSN COVERAGE	0830 |----- 34 [DA] -----| 1235 0830 |----- 36 [DAR] -----| 1235																								
S/C 32 INITIAL CONDITIONS RTLT: 33h 20m 6s CCSL: B184 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 33h 20m 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:	JUN 24												JUN 25												