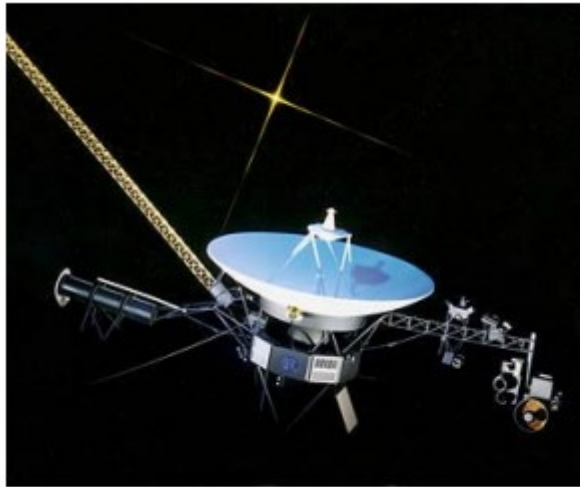


VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: March 4, 2020

For the Period: 03/05/20 to 03/15/20 (20/065 – 20/075)



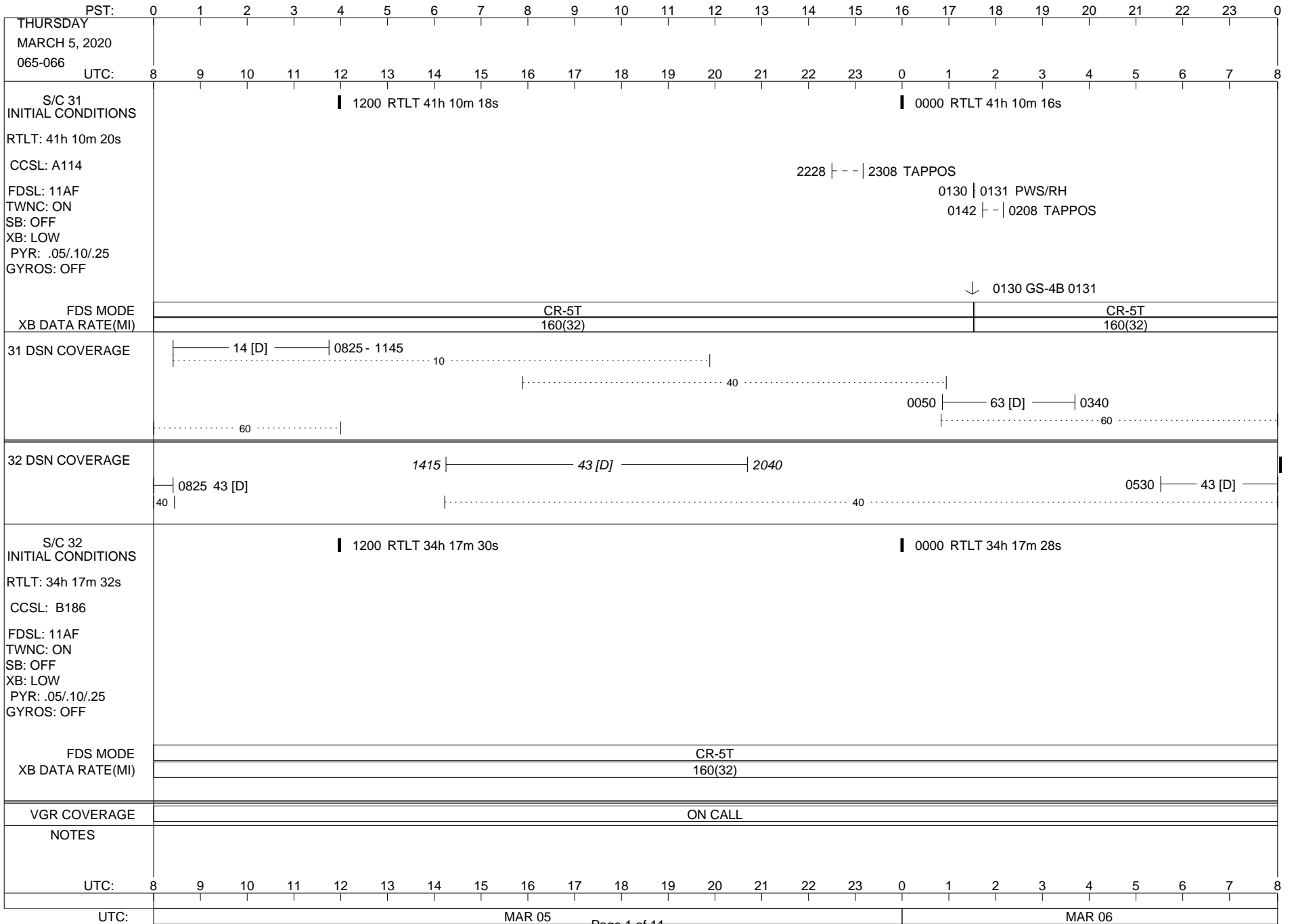
Posted at <https://voyager.jpl.nasa.gov/mission/status/>

LEGEND:

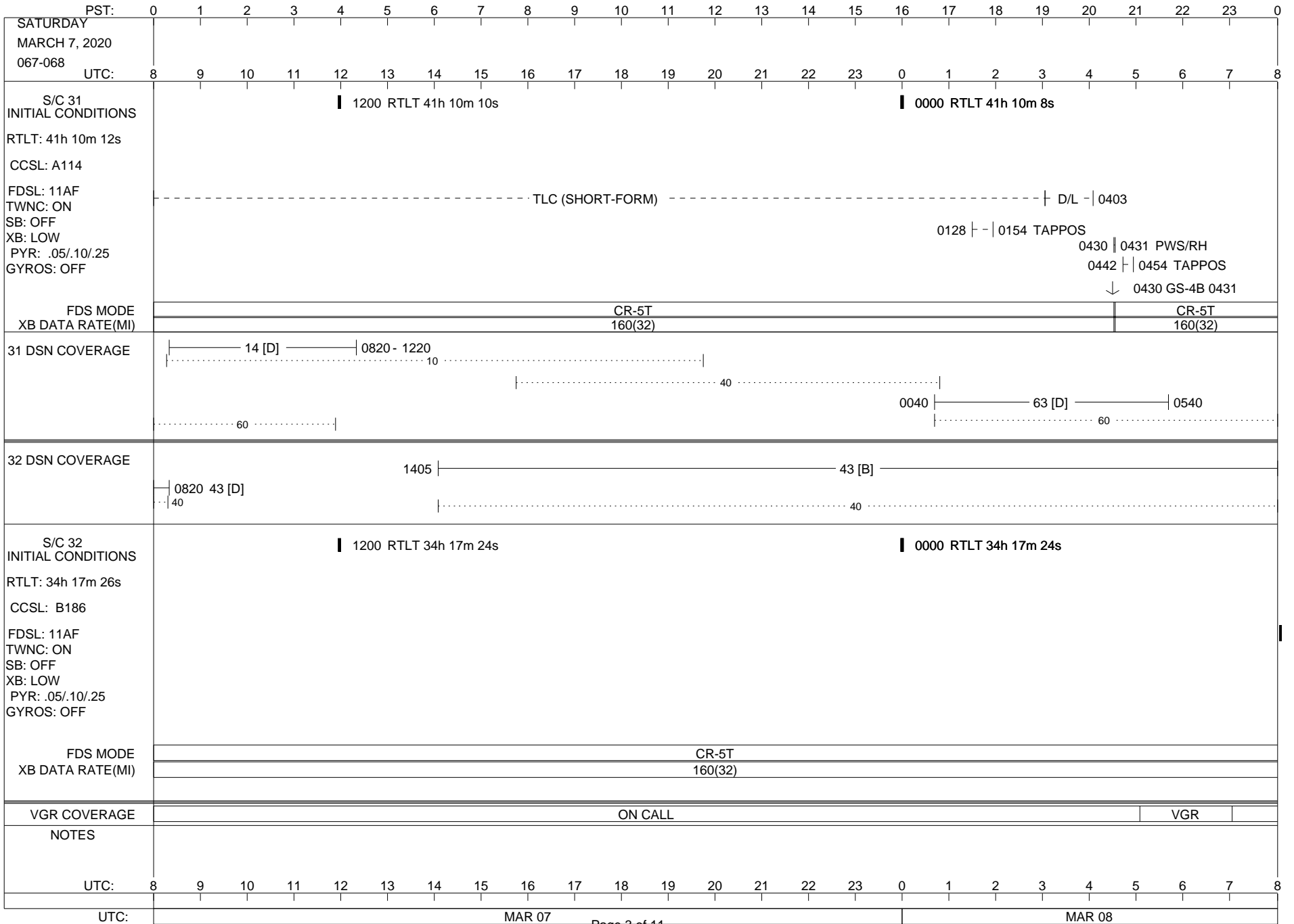
- ▽ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U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

02/27/19

ISSUE DATE: 03/11/20 11:46



ISSUE DATE: 03/11/20 11:46



ISSUE DATE: 03/11/20 11:46

PST:	0	1	3	4	5	6	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	8	9
SUNDAY MARCH 8, 2020 068-069																																	
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	9							
S/C 31 INITIAL CONDITIONS	1200 RTLT 41h 10m 6s													0000 RTLT 41h 10m 4s																			
RTLT: 41h 10m 8s																																	
CCSL: A114																																	
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	<p>14 [D] 0815 - 1120 14 [D] 0810</p> <p>10 40 0040 63 [D] 0555 60</p>																																
32 DSN COVERAGE	<p>0815 43 [B] 1400 - 0810 43 [D]</p> <p>40 40</p>																																
S/C 32 INITIAL CONDITIONS	1200 RTLT 34h 17m 22s													0000 RTLT 34h 17m 20s																			
RTLT: 34h 17m 24s																																	
CCSL: B186																																	
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:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	9							
UTC:	MAR 08													MAR 09																			

PDT:	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1
MONDAY MARCH 9, 2020 069-070																								
UTC:	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 41h 10m 4s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 41h 10m 0s												0000 RTLT 41h 9m 58s											
FDS MODE													CR-5T											
XB DATA RATE(MI)													160(32)											
31 DSN COVERAGE	<p>14 [D] 1045</p> <p>..... 10</p> <p>..... 40</p> <p>..... 60</p> <p>0035 63 [D] 0505</p> <p>..... 60</p>																							
32 DSN COVERAGE	<p>1525 35 [DAR] 1925</p> <p>1525 34 [DA] 1925</p> <p>..... 40</p>																							
S/C 32 INITIAL CONDITIONS RTLT: 34h 17m 20s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 17m 18s												0000 RTLT 34h 17m 18s											
FDS MODE													CR-5T											
XB DATA RATE(MI)													160(32)											
VGR COVERAGE	ON CALL																							
NOTES																								
UTC:	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
UTC:	MAR 09												MAR 10											

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1
TUESDAY MARCH 10, 2020 070-071																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 41h 9m 58s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 41h 9m 56s												█ 0000 RTLT 41h 9m 54s												
	1853 █ 1853 PWS/RH																								
	↓ 1853 GS-4B 1853																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D] 0805 - 1035												0030 63 [D] 0515												
32 DSN COVERAGE	40												0005 35 [DAR] 0430 0005 36 [DA] 0430												
S/C 32 INITIAL CONDITIONS RTLT: 34h 17m 18s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 34h 17m 16s												█ 0000 RTLT 34h 17m 14s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL																								
NOTES																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
UTC:	MAR 10												MAR 11												

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1			
WEDNESDAY MARCH 11, 2020 071-072																												
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
S/C 31 INITIAL CONDITIONS RTLT: 41h 9m 54s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 41h 9m 52s												█ 0000 RTLT 41h 9m 50s															
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
31 DSN COVERAGE	----- 14 [D] ----- 0805 - 1055												----- 63 [D] ----- 0100 ----- 0415															
	----- 60 -----												----- 40 -----															
32 DSN COVERAGE	----- 35 [DA] ----- 1520 ----- 1920												----- 36 [DAR] ----- 1520 ----- 1920															
	----- 40 -----												----- 40 -----															
S/C 32 INITIAL CONDITIONS RTLT: 34h 17m 14s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 34h 17m 12s												█ 0000 RTLT 34h 17m 10s															
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
VGR COVERAGE													ON CALL															
NOTES																												
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
UTC:	MAR 11														MAR 12													

PDT:	1	2	3	4	5	6	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	8
THURSDAY MARCH 12, 2020 072-073																																
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8							
S/C 31 INITIAL CONDITIONS	1200 RTLT 41h 9m 48s														0000 RTLT 41h 9m 46s																	
RTL: 41h 9m 50s	▼ 0900 DUMMY (02:10)																															
CCSL: A114	U/L 0925 - ----- TLC (SHORT-FORM) -----																															
FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF															2204 - 2230 TAPPOS 0105 0107 PWS/RH 0117 0130 TAPPOS ↓ 0105 GS-4B 0107																	
FDS MODE	CR-5T														CR-5T																	
XB DATA RATE(MI)	160(32)														160(32)																	
31 DSN COVERAGE	14 [T] ----- 0810 - 1445														14 [D] 0755 ----- 10																	
 10 40																	
 60														0020 ----- 63 [D] ----- 0420 60																	
32 DSN COVERAGE	1515 ----- 35 [DAR] ----- 2010 1515 ----- 34[oA] ----- 2010													 40																	
S/C 32 INITIAL CONDITIONS	1200 RTLT 34h 17m 10s														0000 RTLT 34h 17m 8s																	
RTL: 34h 17m 10s																																
CCSL: B186																																
FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF																																
FDS MODE	CR-5T														CR-5T																	
XB DATA RATE(MI)	160(32)														160(32)																	
VGR COVERAGE	VGR ON CALL																															
NOTES																																
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8							
UTC:	MAR 12														MAR 13																	

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1
SATURDAY MARCH 14, 2020 074-075	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 41h 9m 42s CCSL: A114 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 41h 9m 40s												0000 RTLT 41h 9m 36s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D] 1030												14 [D] 0745												
	60												60												
	40												40												
	0015												0430												
	63 [D]												60												
32 DSN COVERAGE	0120												0550												
	0120												0550												
	35 [DAR]												36 [DA]												
	40												40												
S/C 32 INITIAL CONDITIONS RTLT: 34h 17m 4s CCSL: B186 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 34h 17m 2s												0000 RTLT 34h 17m 0s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL																								
NOTES																									
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
UTC:	MAR 14												MAR 15												

PDT:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1		
SUNDAY MARCH 15, 2020 075-076																											
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8		
S/C 31 INITIAL CONDITIONS	1200 RTLT 41h 9m 34s RTLT: 41h 9m 36s CCSL: A114 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	14 [D] 1025 10 60																										
32 DSN COVERAGE	1505 ----- 35 [DAR] ----- 2105 1505 ----- 36 [DA] ----- 2105																										
S/C 32 INITIAL CONDITIONS	1200 RTLT 34h 16m 58s RTLT: 34h 17m 0s CCSL: B186 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:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8		
UTC:	MAR 15													MAR 16													