

VOYAGER Space Flight Operations Schedule (SFOS)
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Issue Date: February 27, 2018

For the Period: 03/01/18 to 03/19/18 (18/060 – 18/078)

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

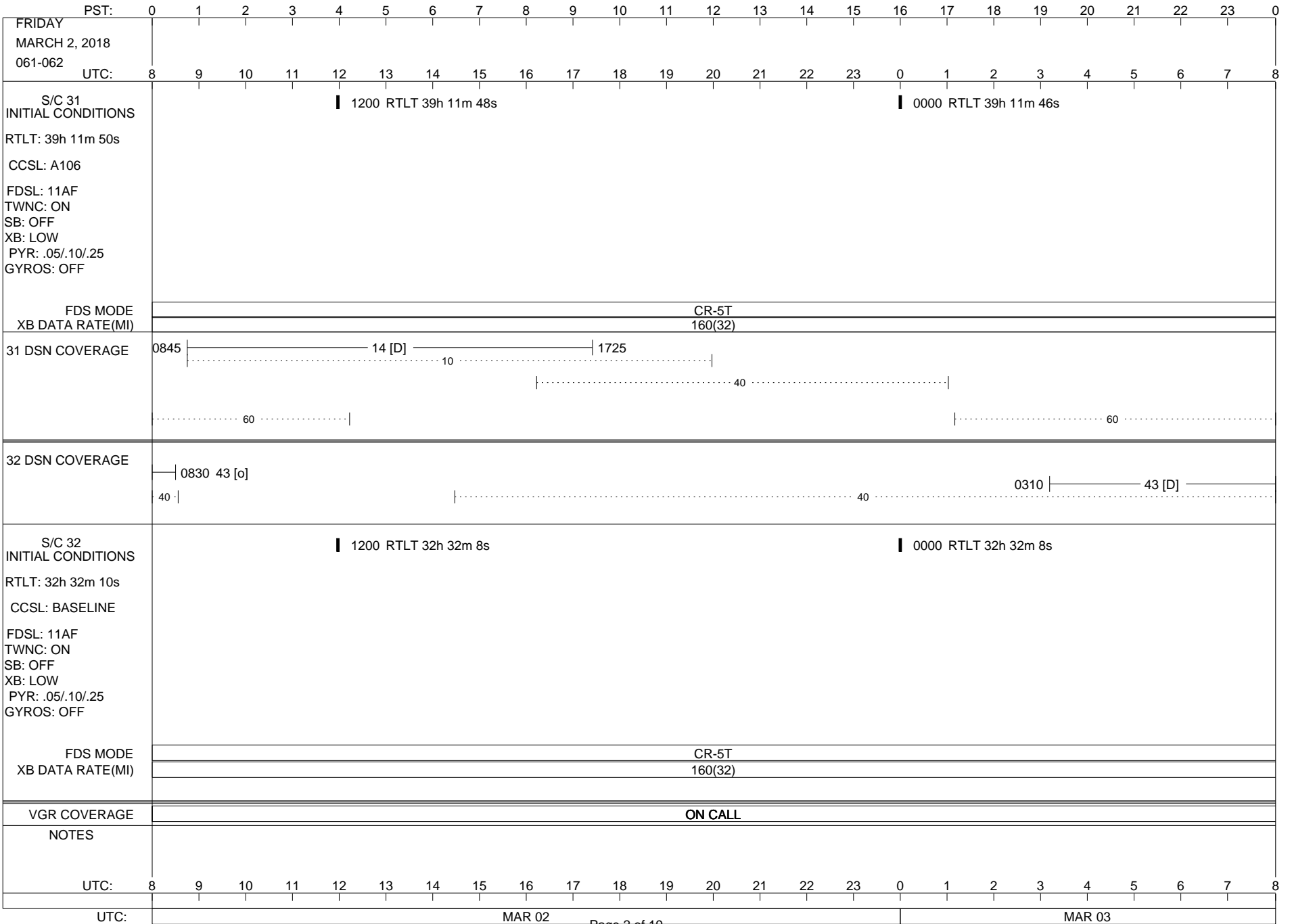
Posted at http://voyager.jpl.nasa.gov/mission/soesfos/tracking_schedule.html

02/27/17

ISSUE DATE: 02/26/18 07:34

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S/C 31 INITIAL CONDITIONS RTLT: 39h 11m 54s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 11m 52s												0000 RTLT 39h 11m 50s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	0850 ----- 14 [D] ----- 1315 ----- 10 ----- ----- 40 ----- ----- 60 -----												2241 ---- 2335 TAPPOS 0142 0144 PWS/RH 0154 -- 0235 TAPPOS ↓ 0142 GS-4B 0144												
32 DSN COVERAGE	----- 40 -----												0250 ----- 43 [o] -----												
S/C 32 INITIAL CONDITIONS RTLT: 32h 32m 12s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 32m 10s												0000 RTLT 32h 32m 10s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 0142 XB=2.8K(41) NOT RECOVERABLE																								
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 01												MAR 02												

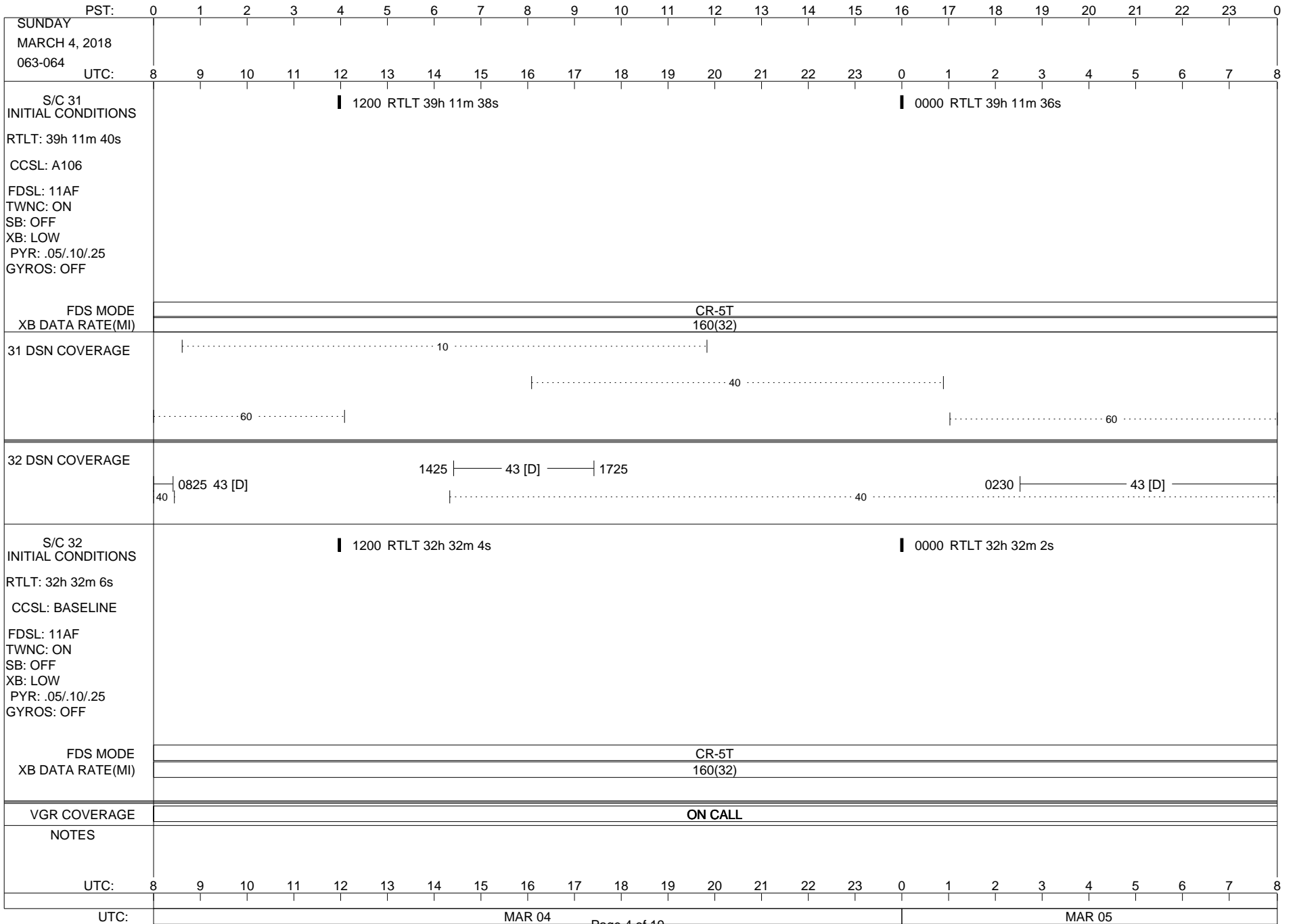
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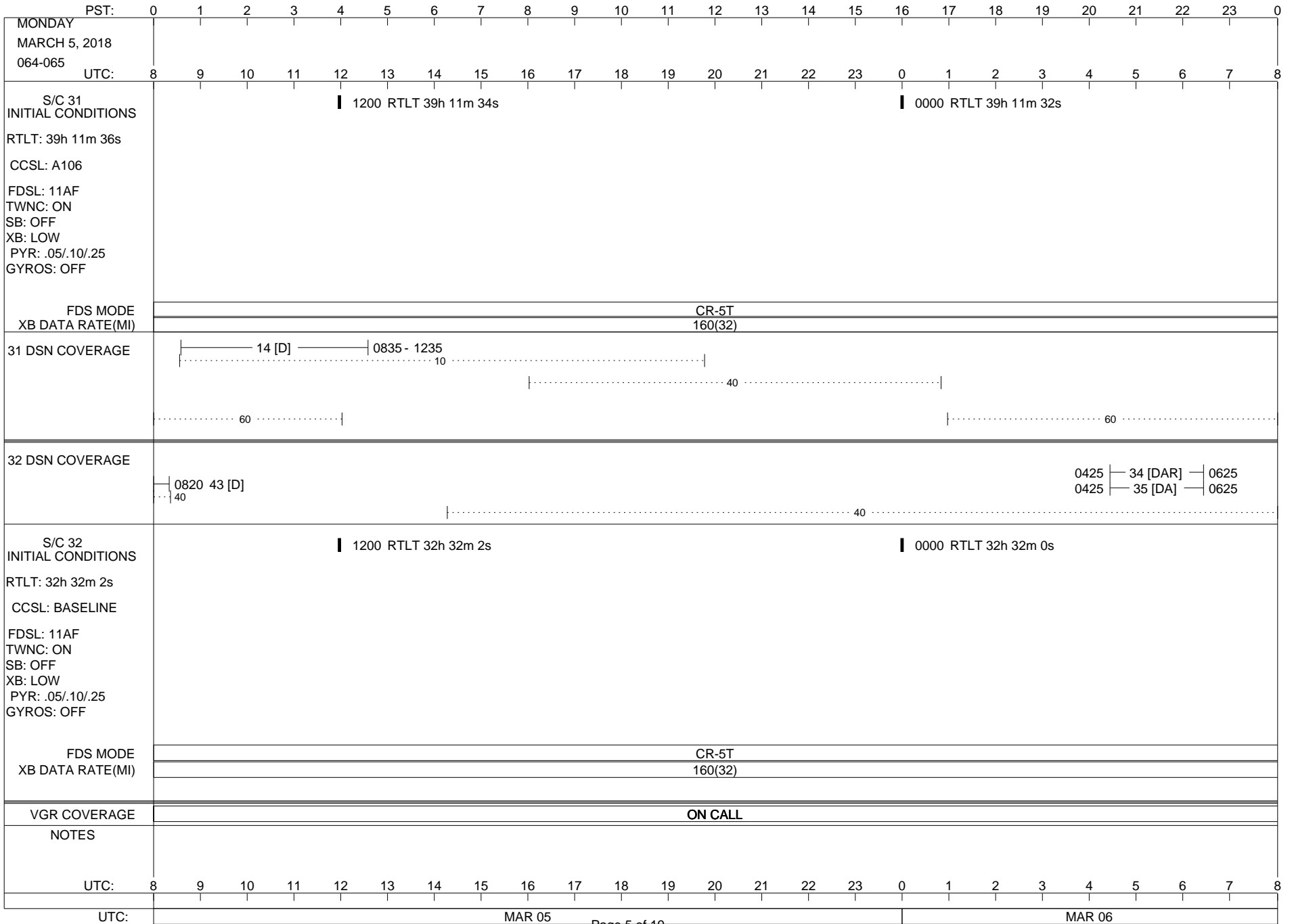
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SATURDAY MARCH 3, 2018 062-063	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLTL: 39h 11m 46s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 11m 44s												0000 RTLT 39h 11m 40s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0950 ----- 14 [D] ----- 1515 ----- 10 ----- ----- 60 -----												0300 - 0715 ----- 54 [DA] ----- 0300 - 0715 ----- 65 [DAR] ----- ----- 40 ----- 60 -----												
32 DSN COVERAGE	0830 43 [D] ----- 1425 ----- 43 [D] ----- 2205 ----- 40 -----												0310 ----- 43 [D] -----												
S/C 32 INITIAL CONDITIONS RTLTL: 32h 32m 8s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 32m 6s												0000 RTLT 32h 32m 6s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 0442 XB=2.8K(41) NOT RECOVERABLE																								
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 03												MAR 04												

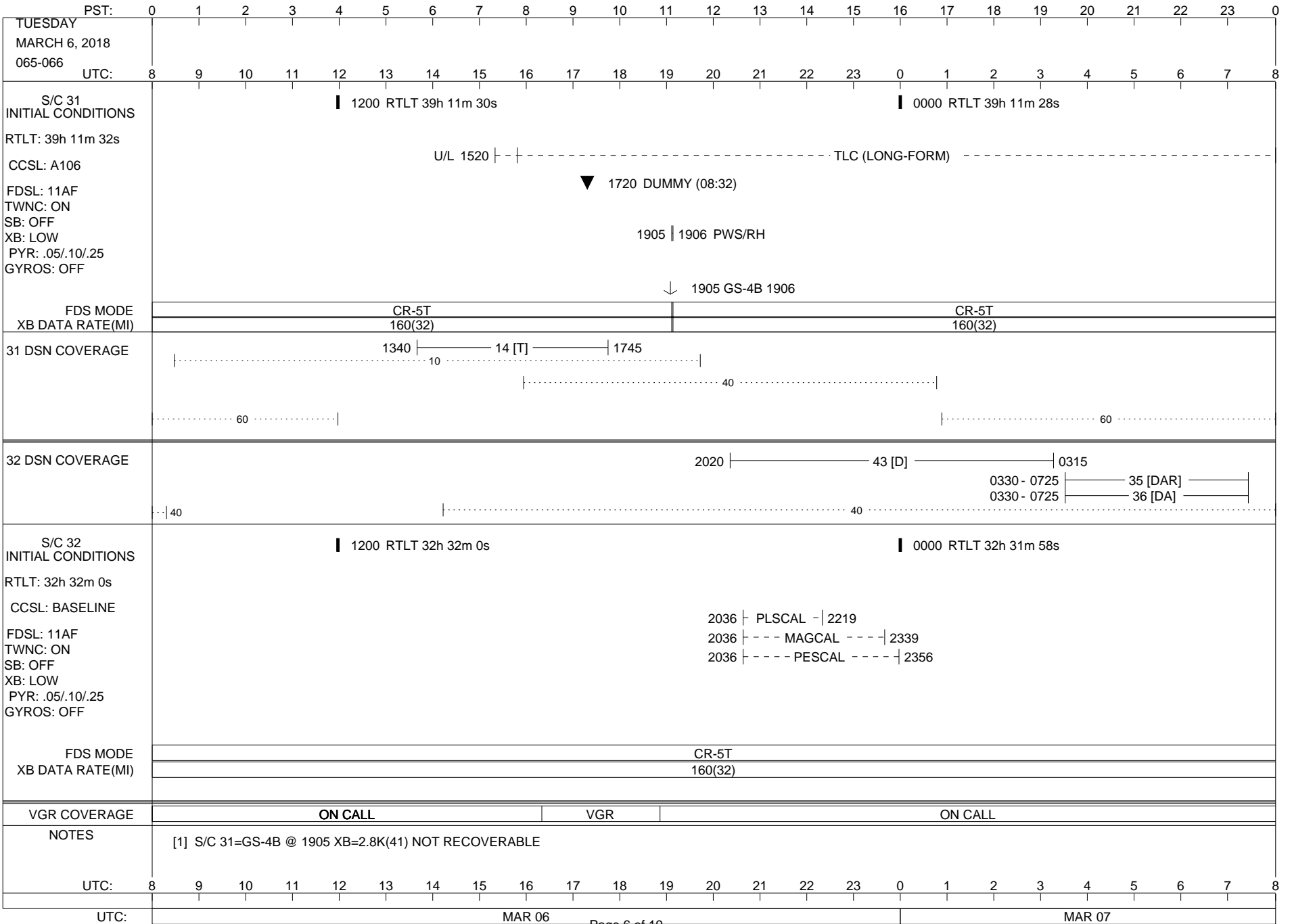
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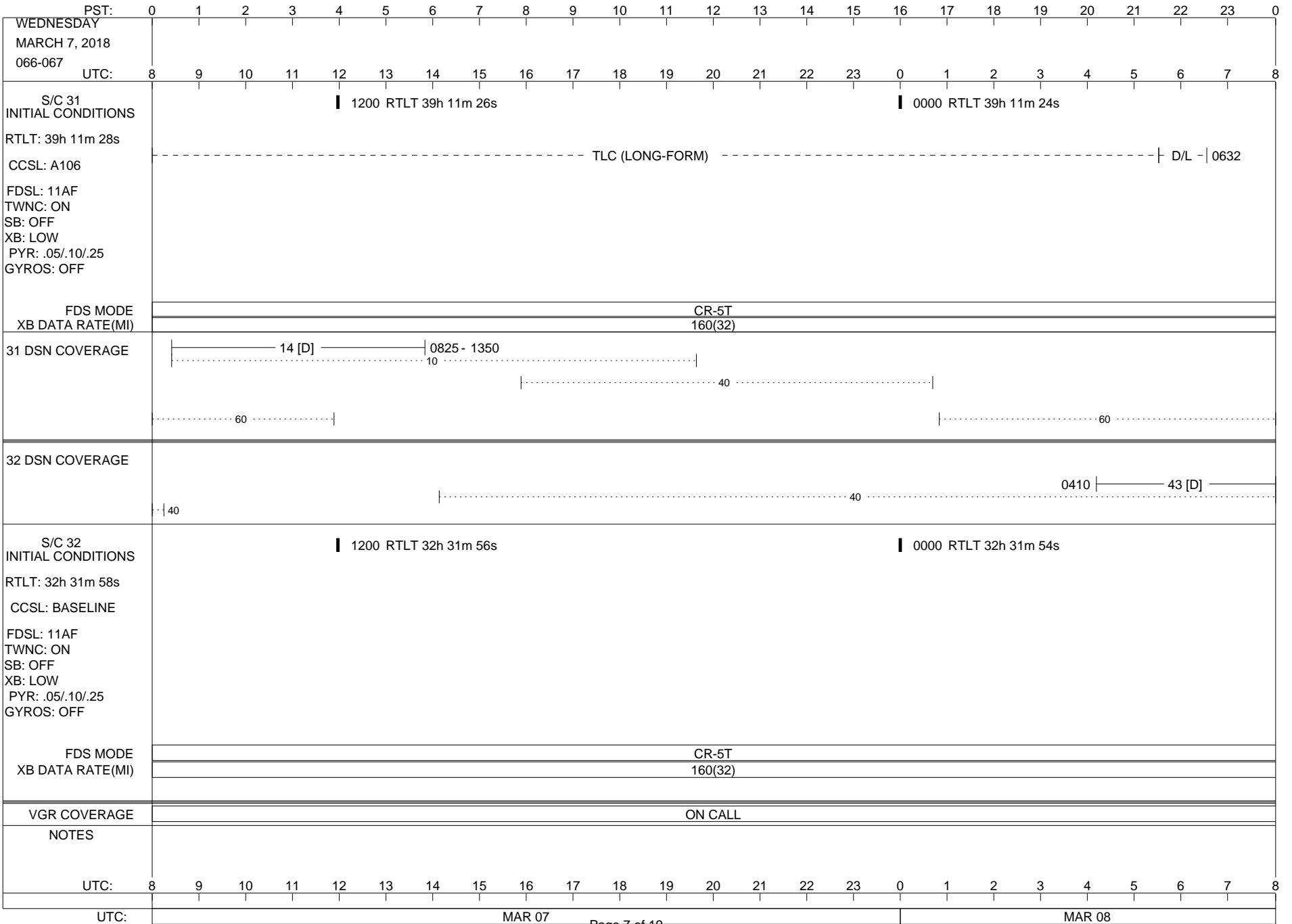
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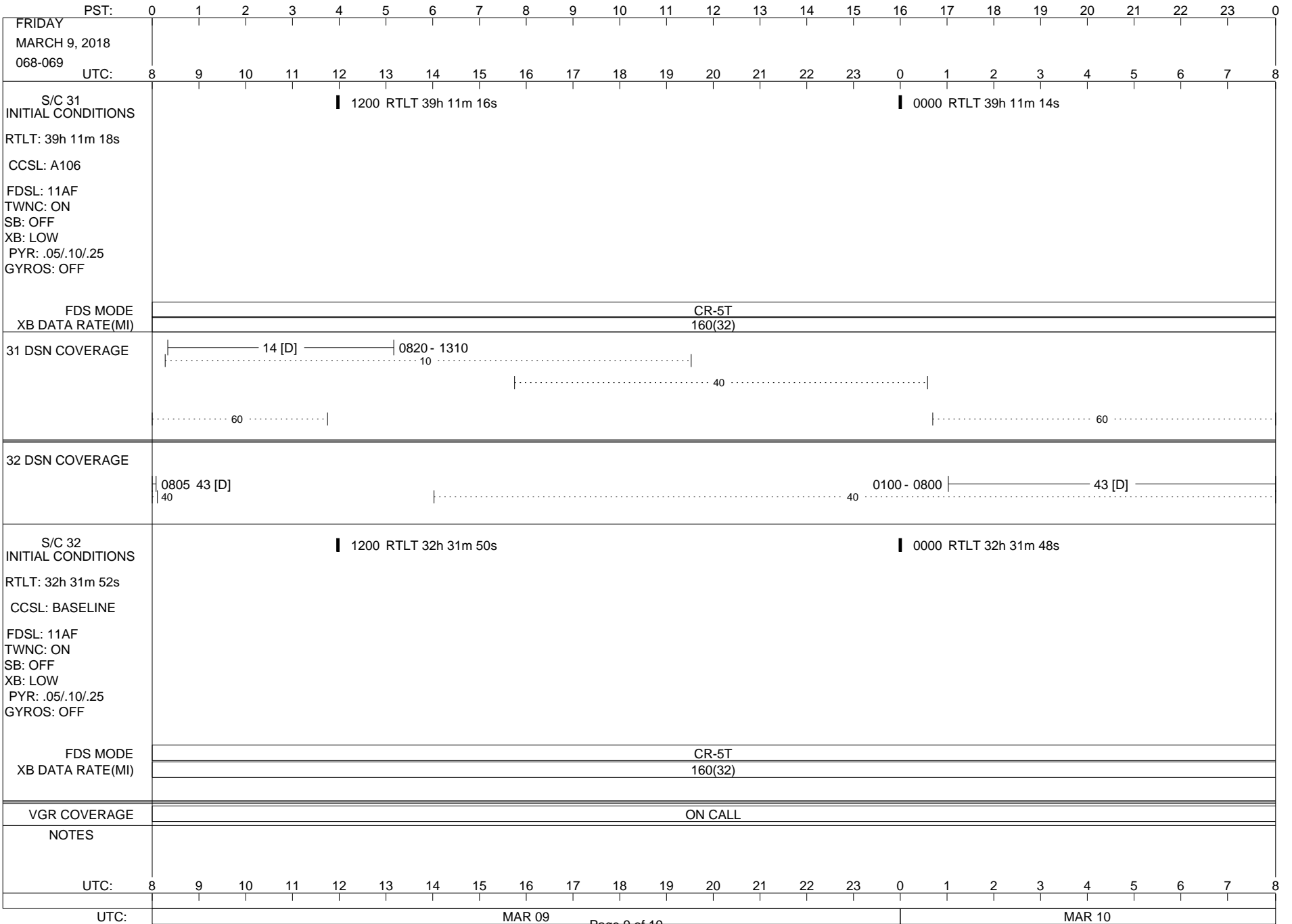
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THURSDAY MARCH 8, 2018 067-068	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 39h 11m 24s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 11m 22s												0000 RTLT 39h 11m 18s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D] 0825 - 1245 10												40												
32 DSN COVERAGE	0810 43 [D] 40												0530 43 [D] 40												
S/C 32 INITIAL CONDITIONS RTLT: 32h 31m 54s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 31m 54s												0000 RTLT 32h 31m 52s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 0118 XB=2.8K(41) NOT RECOVERABLE																								
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 08												MAR 09												

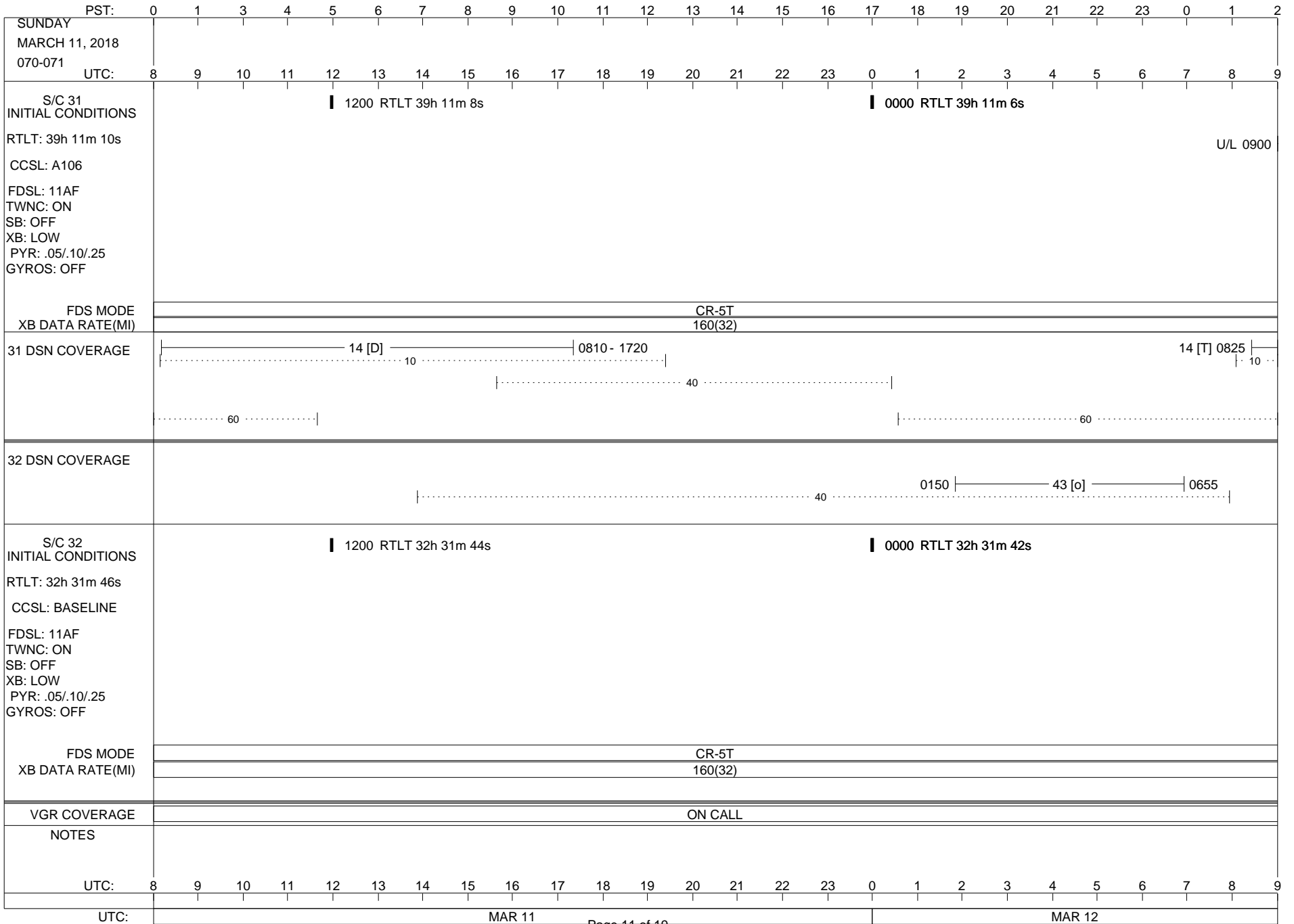
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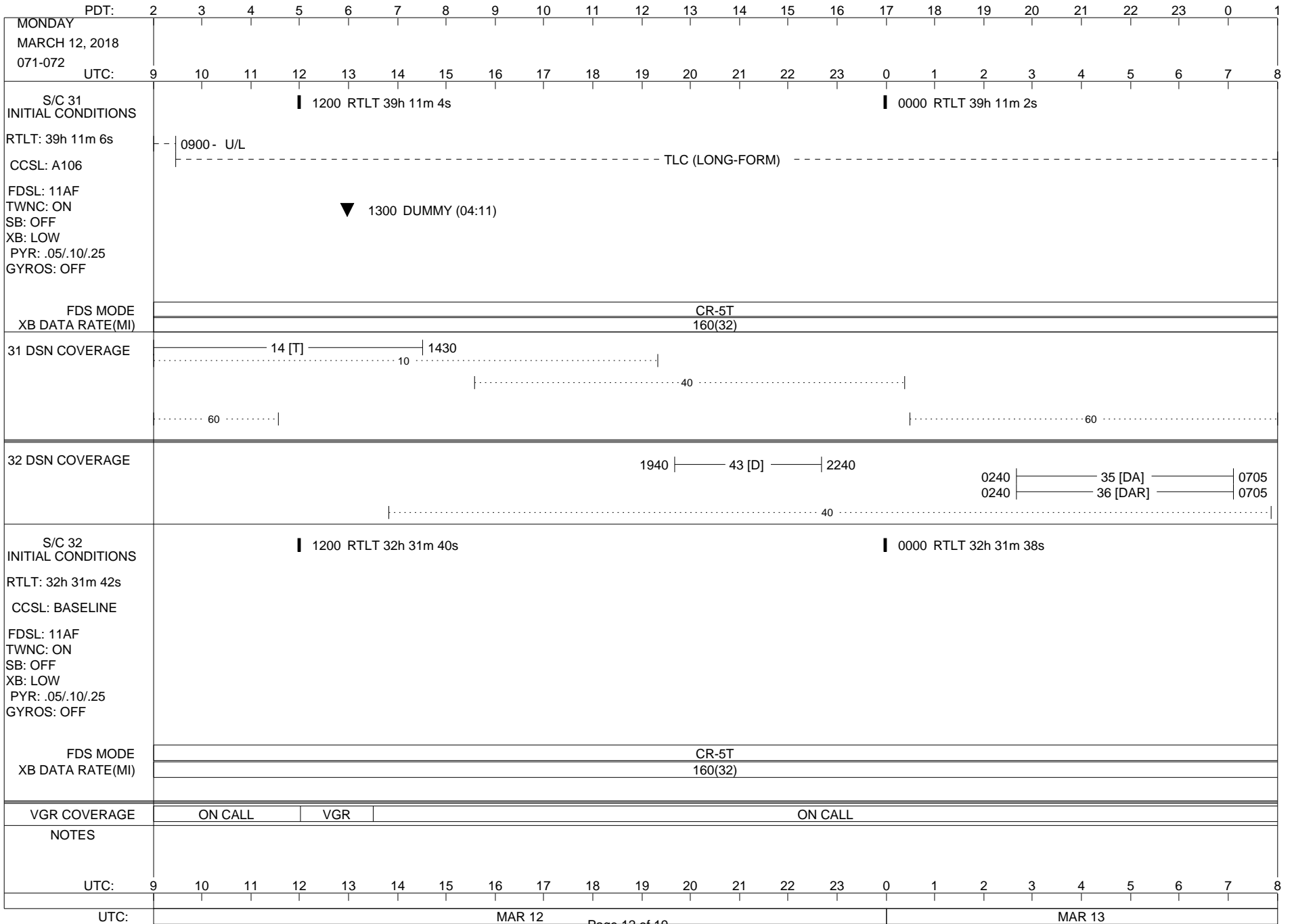
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SATURDAY MARCH 10, 2018 069-070	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 39h 11m 14s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 11m 12s												0000 RTLT 39h 11m 10s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1500 ----- 14 [D] ----- 1925												40 ----- 60												
32 DSN COVERAGE	0800 43 [D] 40 ----- 40												0225 - 0755 ----- 43 [D]												
S/C 32 INITIAL CONDITIONS RTLT: 32h 31m 48s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 31m 48s												0000 RTLT 32h 31m 46s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 0418 XB=2.8K(41) NOT RECOVERABLE																								
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												

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TUESDAY																									
MARCH 13, 2018																									
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 39h 11m 0s												0000 RTLT 39h 10m 58s												
RTLTL: 39h 11m 2s																									
CCSL: A106	----- TLC (LONG-FORM) -----												D/L - 0139												
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)												
31 DSN COVERAGE	14 [D] 0805 - 1250												14 [D] 0800												
	-----												-----												
	-----												-----												
	-----												-----												
	-----												-----												
32 DSN COVERAGE	1345 ----- 43 [D] ----- 1745												0630 - 0745 43 [D] -----												
	-----												-----												
	-----												-----												
S/C 32 INITIAL CONDITIONS	1200 RTLT 32h 31m 38s												0000 RTLT 32h 31m 36s												
RTLTL: 32h 31m 38s																									
CCSL: BASELINE																									
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	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 1841 XB=2.8K(41) NOT RECOVERABLE																								
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 13												MAR 14												

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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			
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			
WEDNESDAY MARCH 14, 2018 073-074																												
S/C 31 INITIAL CONDITIONS RTLT: 39h 10m 58s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 10m 56s														0000 RTLT 39h 10m 52s													
FDS MODE XB DATA RATE(MI)															CR-5T 160(32)													
31 DSN COVERAGE	14 [D] 0800 - 1225														14 [D] 0755 - 10													
32 DSN COVERAGE	1345 43 [D] 1745														0400 - 0740 43													
S/C 32 INITIAL CONDITIONS RTLT: 32h 31m 36s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 31m 34s														0000 RTLT 32h 31m 32s													
FDS MODE XB DATA RATE(MI)															CR-5T 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													

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THURSDAY MARCH 15, 2018 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: 39h 10m 52s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 39h 10m 50s												█ 0000 RTLT 39h 10m 48s													
													2152 - 2219 TAPPOS 0054 0055 PWS/RH 0106 0118 TAPPOS													
													↓ 0054 GS-4B 0056													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	14 [D] 1215												14 [D] 0750													
 10 10													
 40 40													
 60 60													
32 DSN COVERAGE	1900 43 [D] 0130																									
 40																									
S/C 32 INITIAL CONDITIONS RTLT: 32h 31m 32s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 32h 31m 30s												█ 0000 RTLT 32h 31m 28s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
VGR COVERAGE													ON CALL													
NOTES	[1] S/C 31=GS-4B @ 0054 XB=2.8K(41) NOT RECOVERABLE																									
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													

ISSUE DATE: 02/26/18 07:34

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FRIDAY MARCH 16, 2018 075-076																											
S/C 31 INITIAL CONDITIONS RTLT: 39h 10m 48s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 10m 46s													0000 RTLT 39h 10m 44s													
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	14 [D] 1335													10 40 10 60													
32 DSN COVERAGE	1335 43 [D] 1735													40 0325 - 0735 43 [D]													
S/C 32 INITIAL CONDITIONS RTLT: 32h 31m 28s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 31m 26s													0000 RTLT 32h 31m 24s													
FDS MODE XB DATA RATE(MI)														CR-5T 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 16													MAR 17													

ISSUE DATE: 02/26/18 07:34

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			
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			
SATURDAY MARCH 17, 2018 076-077																												
S/C 31 INITIAL CONDITIONS RTLTL: 39h 10m 44s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 39h 10m 42s														0000 RTLTL 39h 10m 40s													
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
31 DSN COVERAGE	0935 ----- 24 [DA] ----- 1655 0935 ----- 26 [DAR] ----- 165510406060														14 [D] 0745 10													
32 DSN COVERAGE	1330 ----- 43 [D] ----- 17304043 [D]														0320 - 0720 ----- 43 [D] -----													
S/C 32 INITIAL CONDITIONS RTLTL: 32h 31m 24s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 32h 31m 22s														0000 RTLTL 32h 31m 20s													
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
VGR COVERAGE	ON CALL																											
NOTES	[1] S/C 31=GS-4B @ 0354 XB=2.8K(41) NOT RECOVERABLE																											
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 17														MAR 18													

ISSUE DATE: 02/26/18 07:34

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		
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		
SUNDAY MARCH 18, 2018 077-078																											
S/C 31 INITIAL CONDITIONS RTLT: 39h 10m 40s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 10m 38s													0000 RTLT 39h 10m 36s													
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	14 [D] 1345										14 [D] 0740																
32 DSN COVERAGE	1330 43 [o] 2120										0400 43 [D] 0600																
S/C 32 INITIAL CONDITIONS RTLT: 32h 31m 20s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 31m 18s													0000 RTLT 32h 31m 16s													
FDS MODE XB DATA RATE(MI)														CR-5T 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 18													MAR 19													

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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		
MONDAY MARCH 19, 2018 078-079																											
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: 39h 10m 36s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 39h 10m 34s</p> </div>																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<div style="text-align: center;"> <p>14 [D] 1140 10 40 60</p> </div>																										
32 DSN COVERAGE	<div style="text-align: center;"> <p>2030 43 [D] 2240</p> </div>																										
S/C 32 INITIAL CONDITIONS RTLT: 32h 31m 16s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 32h 31m 14s</p> </div>																										
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 19													MAR 20													