

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: February 21, 2018

For the Period: 02/22/18 to 03/12/18 (18/053 – 18/071)

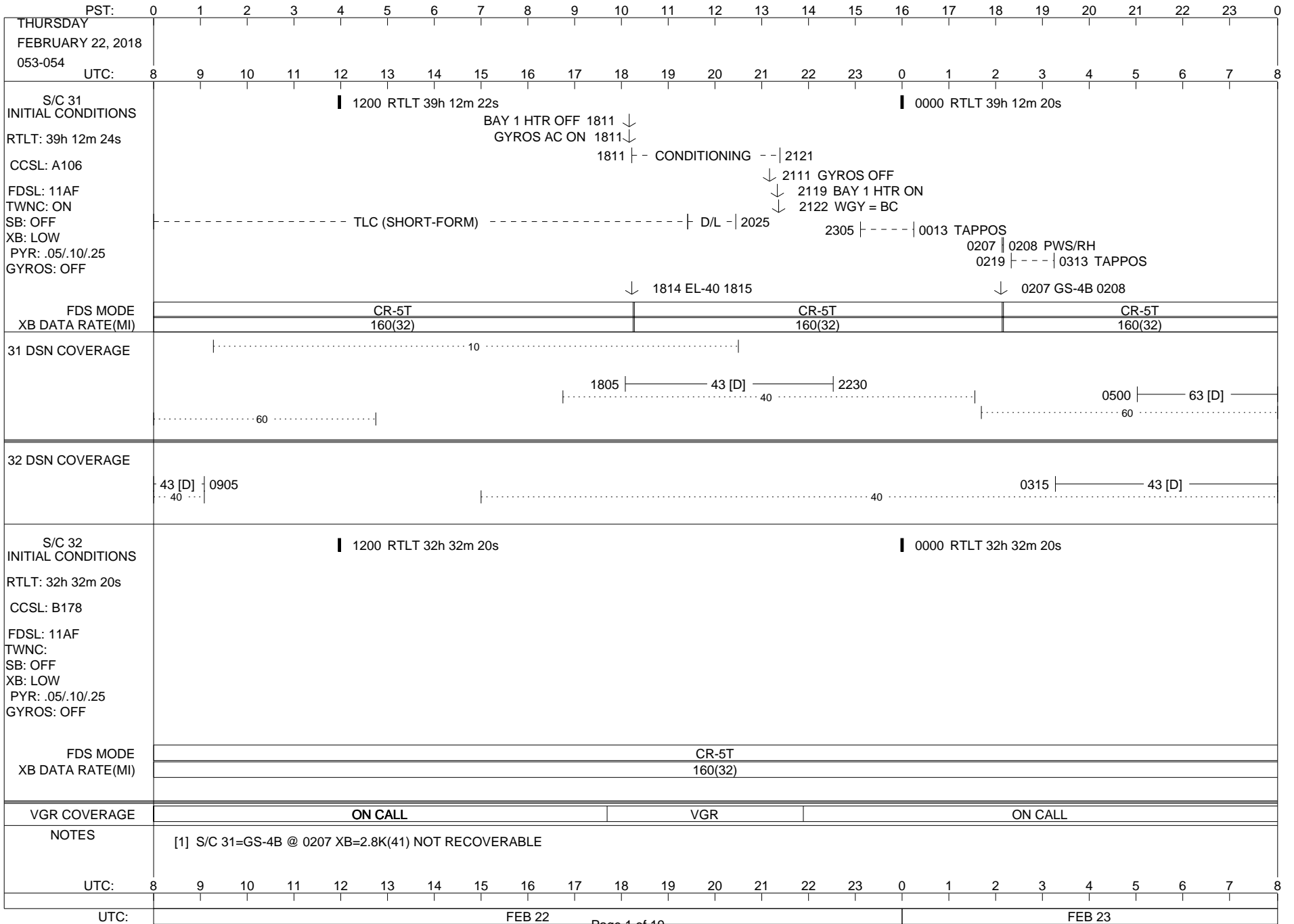
DSN OPSCHIEF	230-102	SCIENCE	FLIGHT TEAM	600-100
DSOT	230-102	CRS bryant@mail630.gsfc.nasa.gov LECP r.decker@jhuapl.edu MAG u2mha@lepvax.gsfc.nasa.gov PLS vgr@space.mit.edu PWS wsk@space.physics.uiowa.edu Leonard.F.Burlaga@nasa.gov Donald-Gurnett@uiowa.edu	Dodd, S. Hall, J. Howard, S. Ko, A. Ledeboer, W. Ludwig, R. Matsumoto, S. Medina, E. Peralta, F. Weeks, T. Yang, L.	

LEGEND:

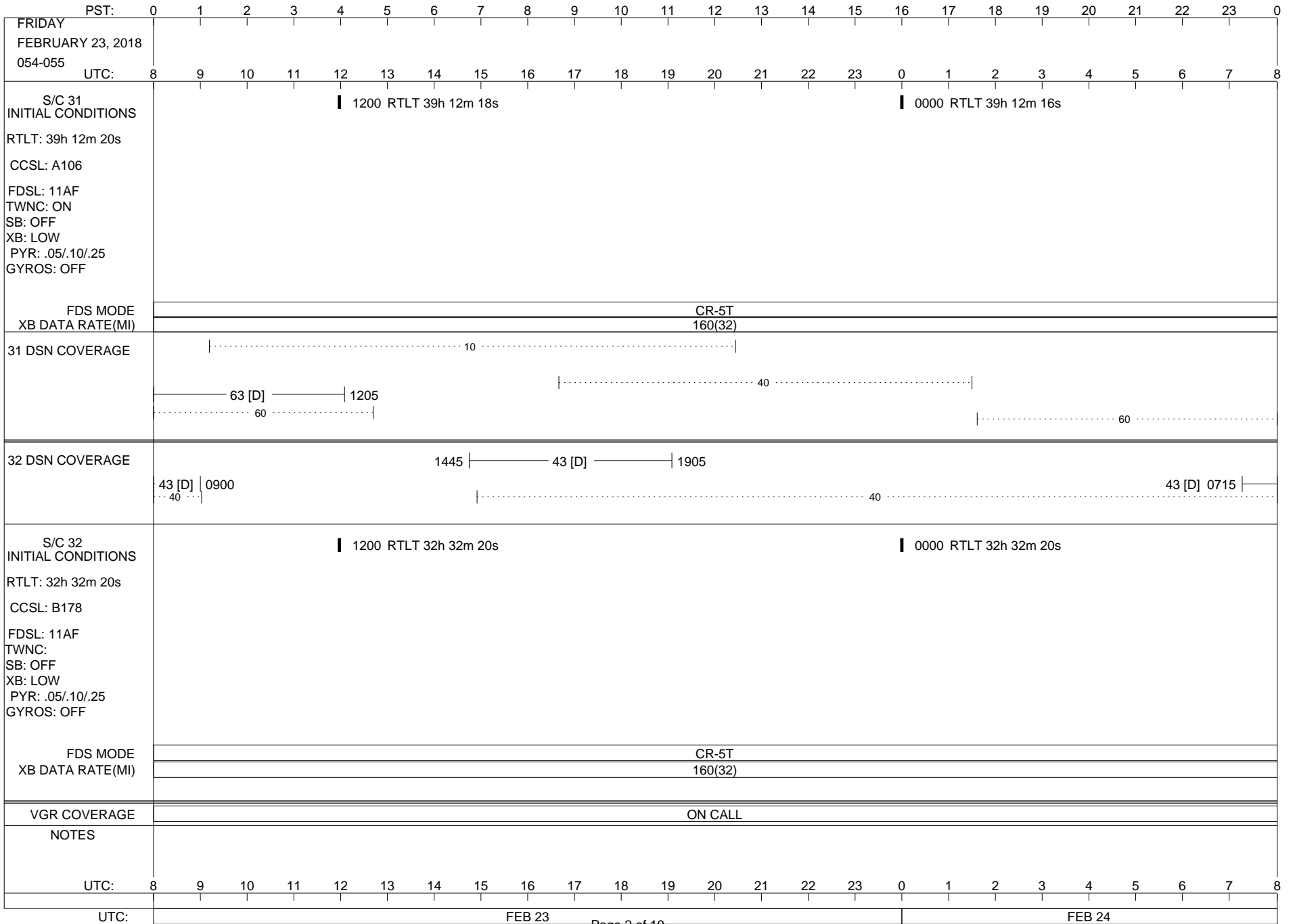
- ∇ = R/T Command (Last chance or Contingency)
- ▼ = R/T Command (Scheduled)
- * = Result of R/T Command
- n = (where n = 1,2,3 ..) Special Note, see bottom of page
- A = Arrayed station
- B = BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U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

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

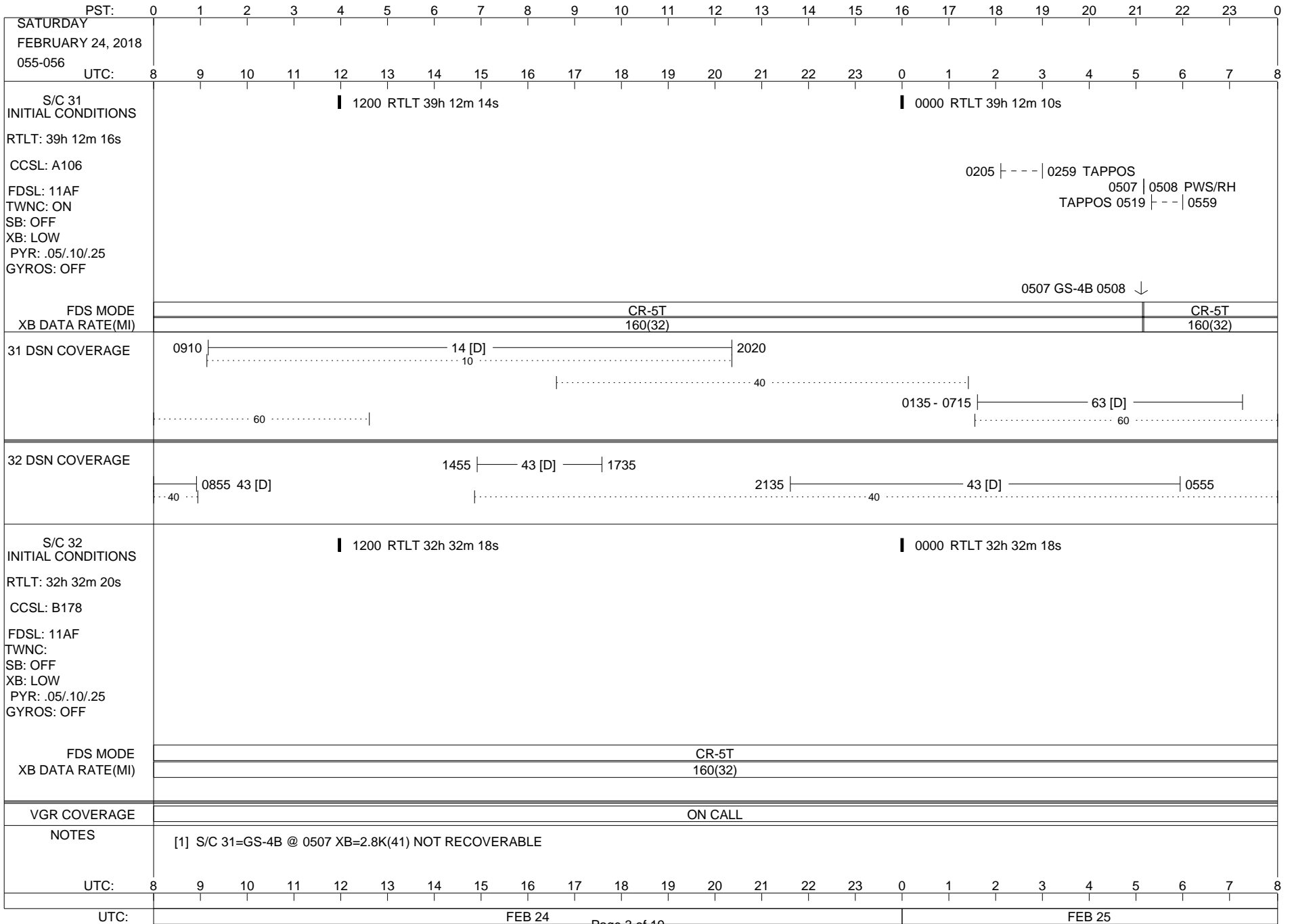
02/27/17



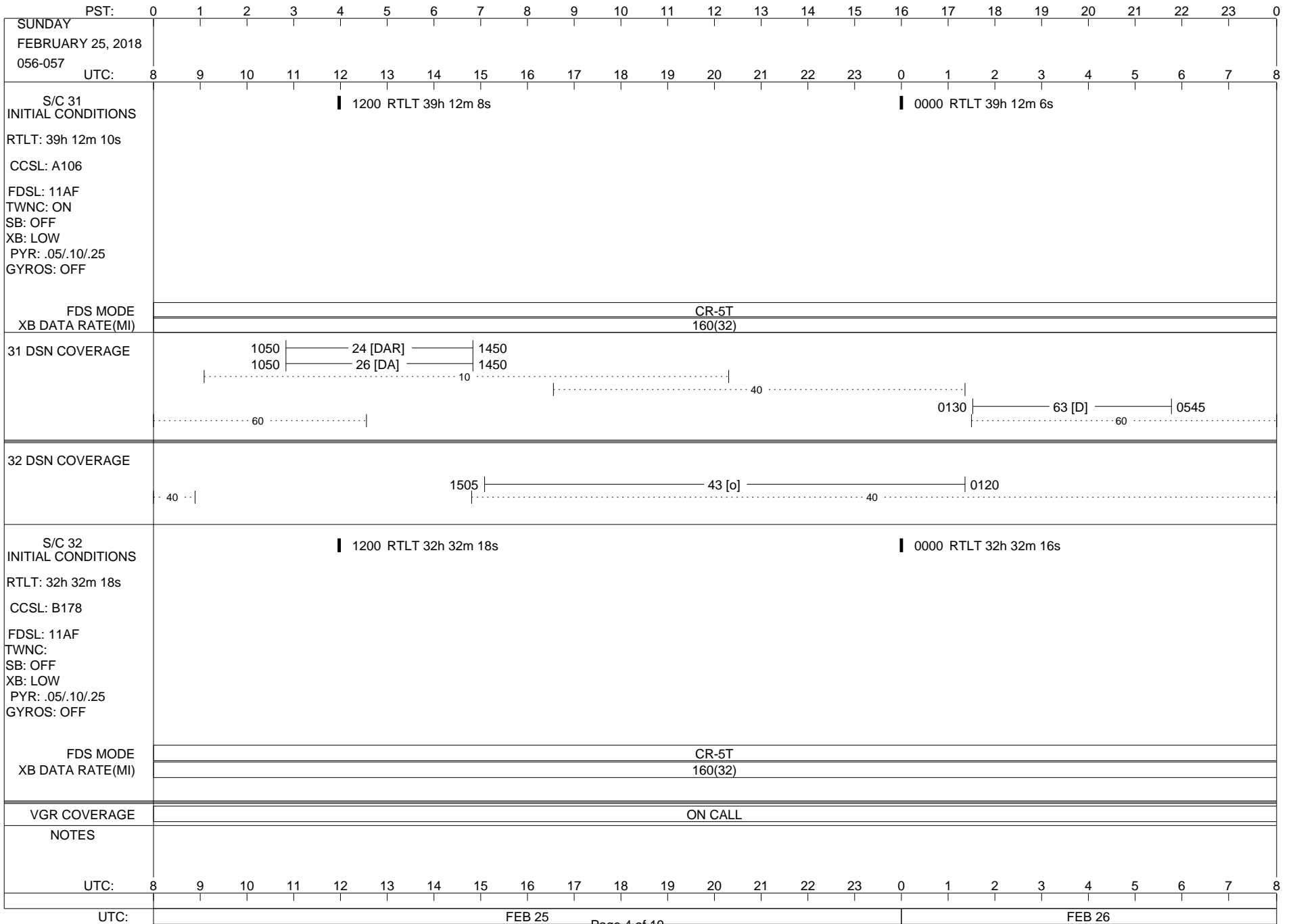
ISSUE DATE: 02/26/18 12:39

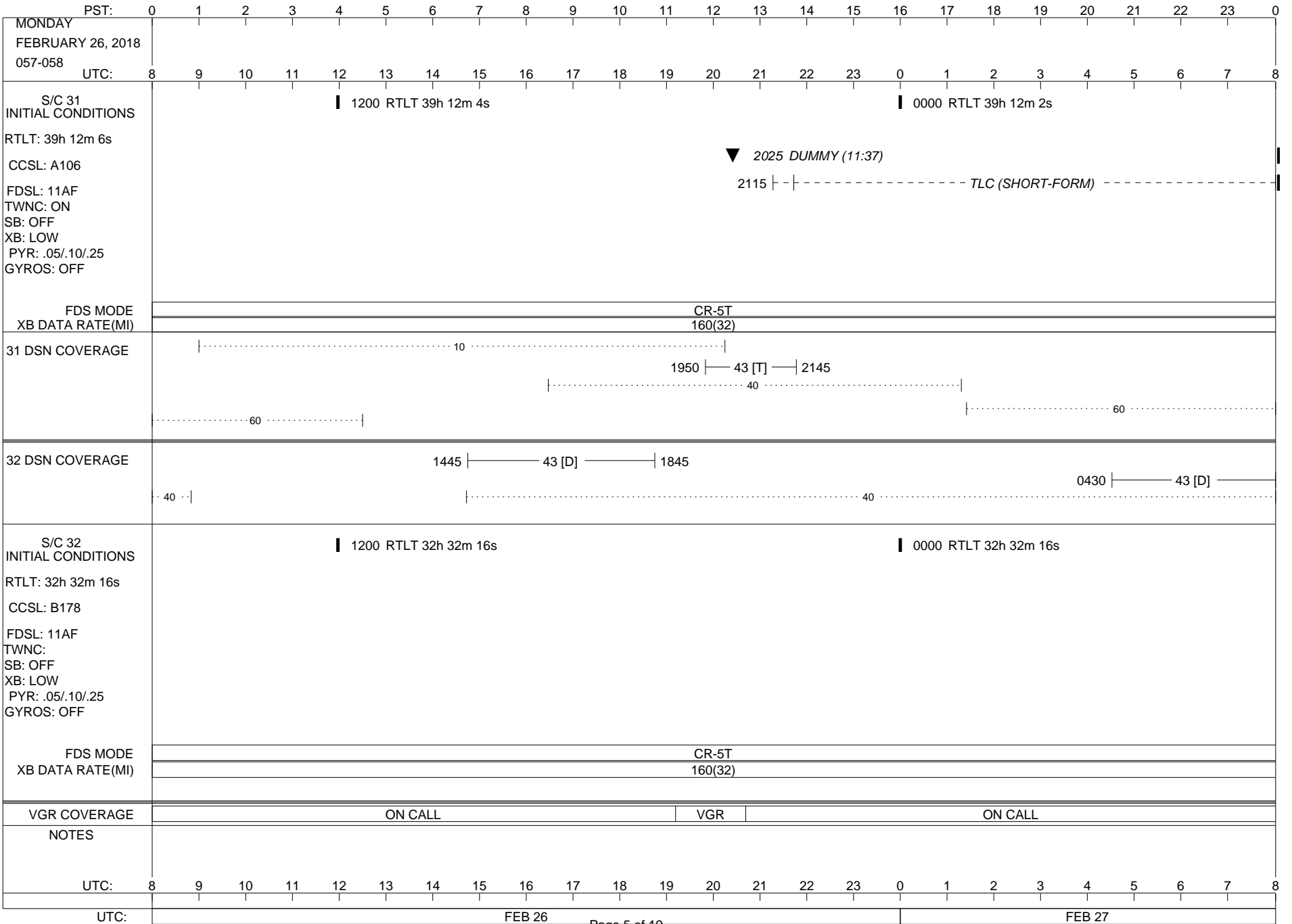


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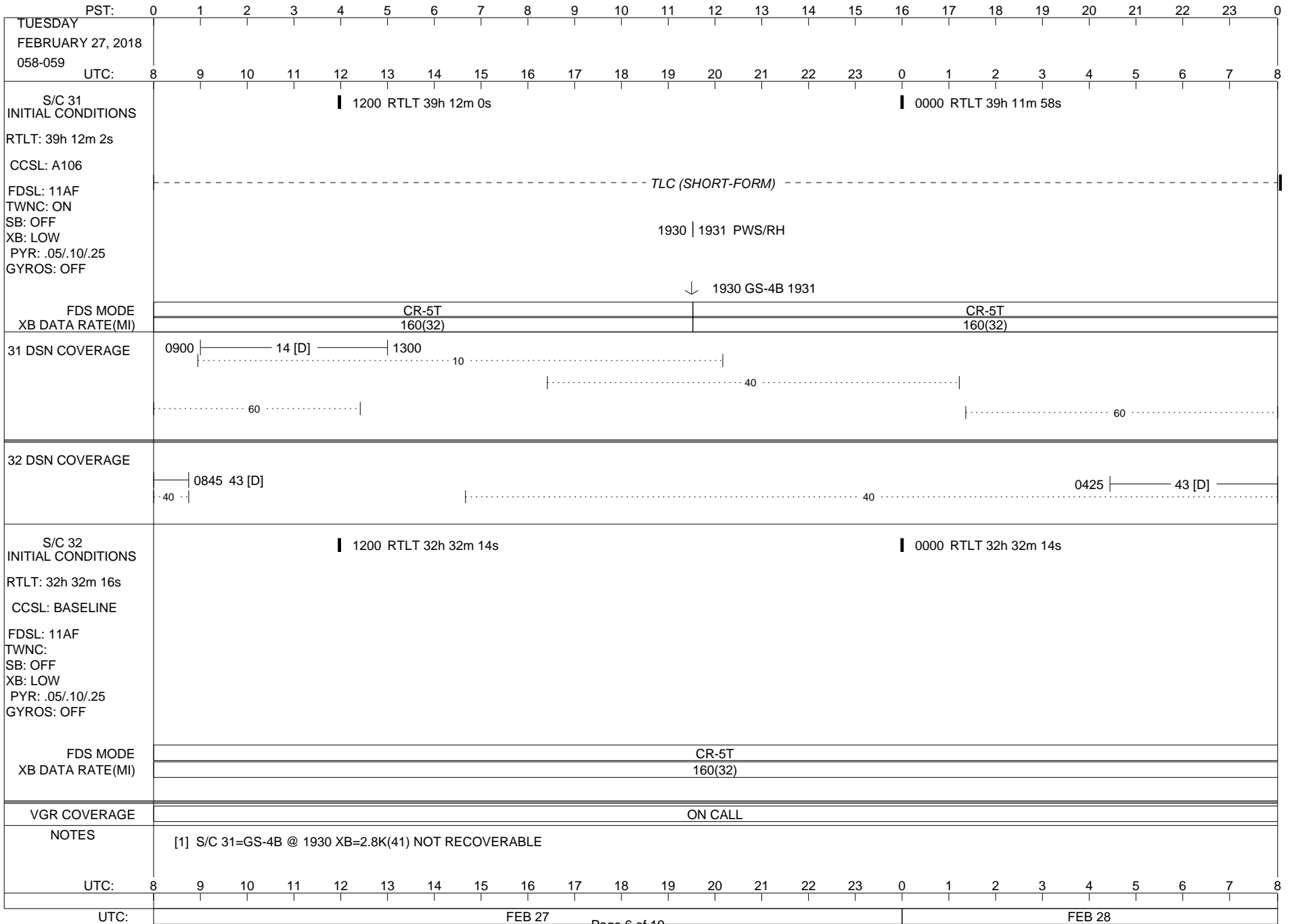


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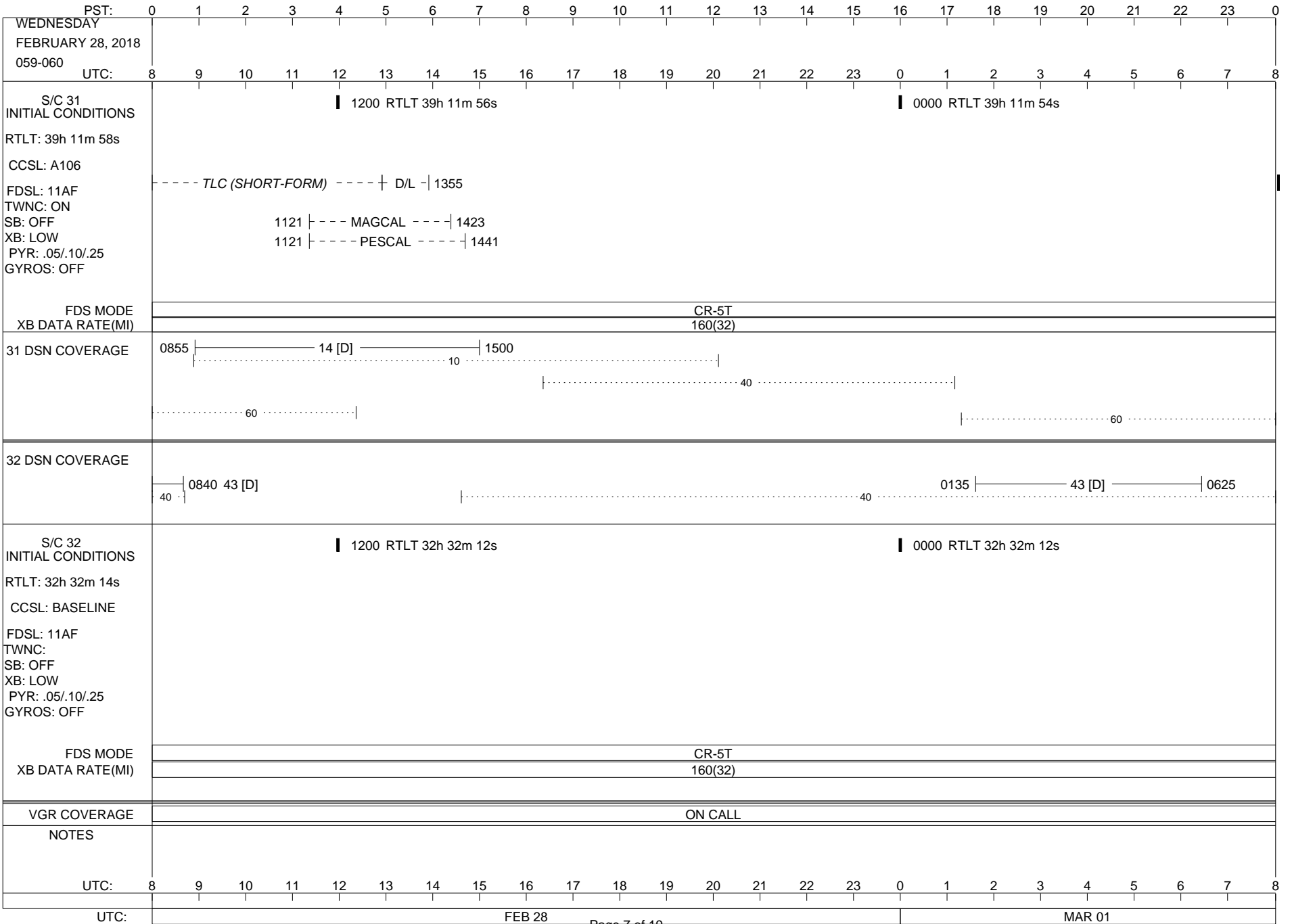




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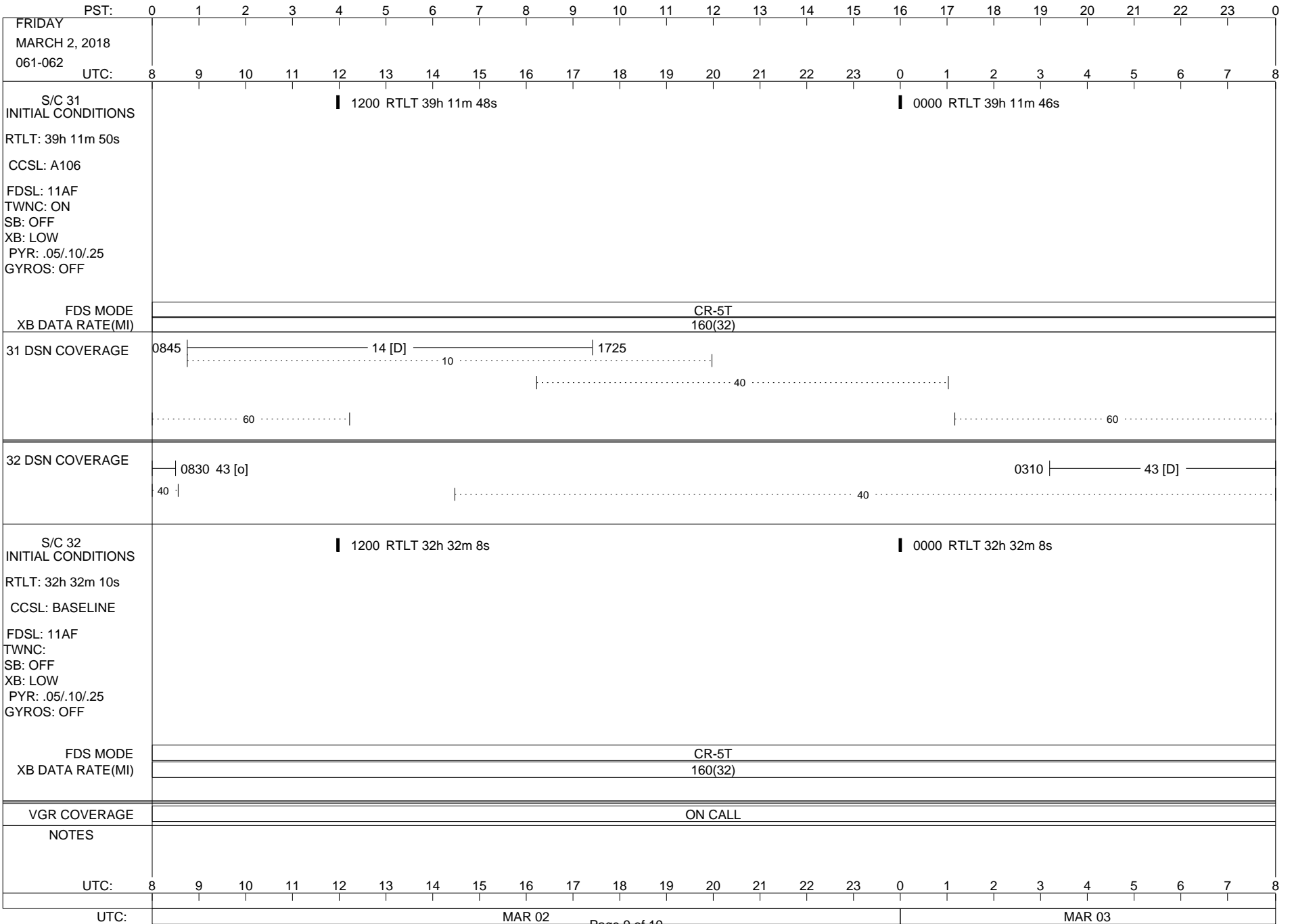
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ISSUE DATE: 02/26/18 12:39

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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 ----- 40 -----												0250 ----- 43 [o] -----												
S/C 32 INITIAL CONDITIONS RTLT: 32h 32m 12s CCSL: BASELINE FDSL: 11AF TWNC: 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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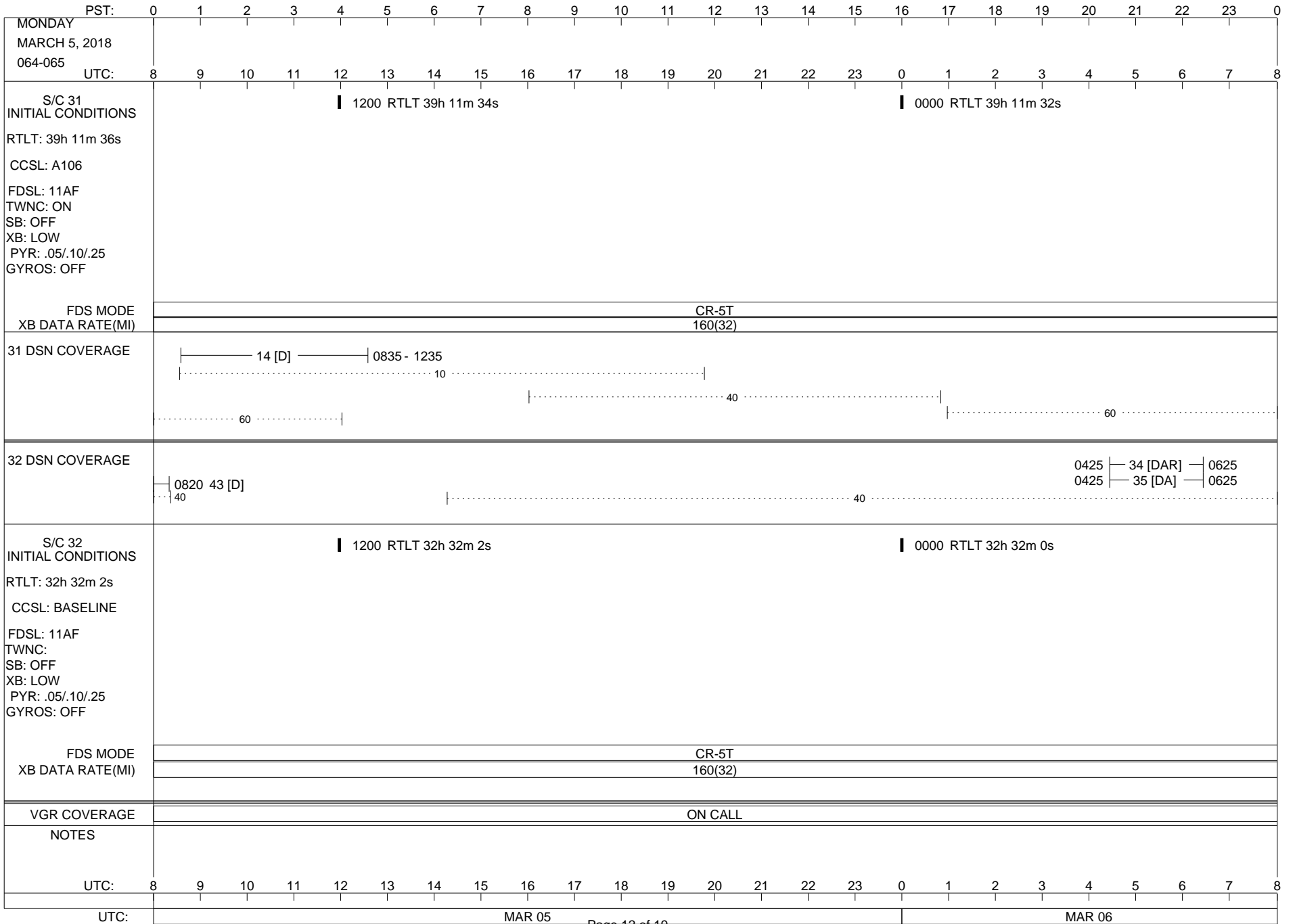
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SATURDAY MARCH 3, 2018 062-063	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 39h 11m 46s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 11m 44s												0000 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 ----- ----- 40 ----- ----- 60 -----												0300 - 0715 ----- 54 [DA] ----- 0300 - 0715 ----- 65 [DAR] ----- ----- 60 -----												
32 DSN COVERAGE	0830 43 [D] ----- 1425 ----- 43 [D] ----- 2205 40 ----- 40 -----												0310 ----- 43 [D] -----												
S/C 32 INITIAL CONDITIONS RTLT: 32h 32m 8s CCSL: BASELINE FDSL: 11AF TWNC: 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												

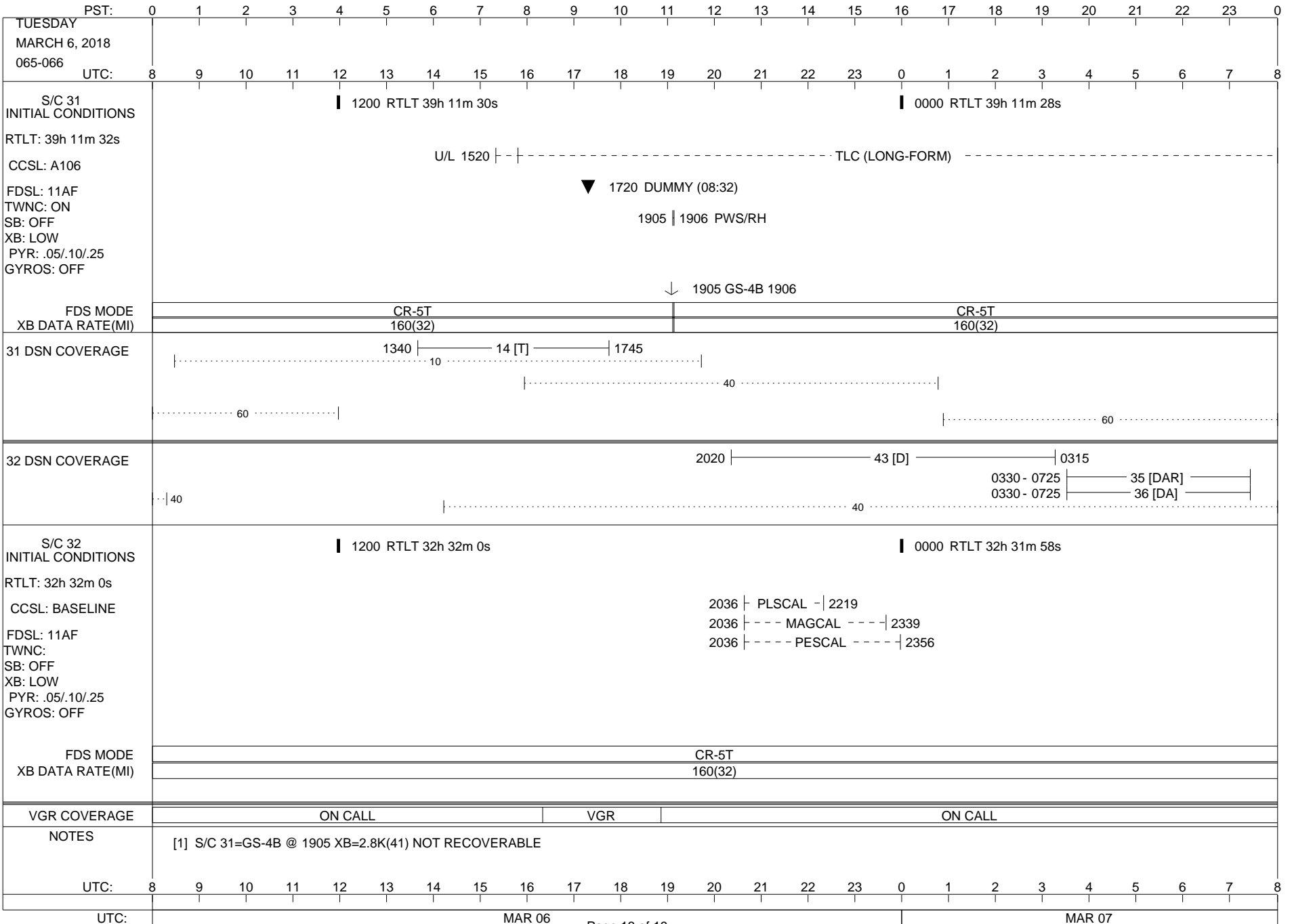
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SUNDAY MARCH 4, 2018 063-064	UTC: 8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
S/C 31 INITIAL CONDITIONS RTLT: 39h 11m 40s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 11m 38s												0000 RTLT 39h 11m 36s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	-----10-----												-----40-----												
	-----60-----												-----60-----												
32 DSN COVERAGE	-----1425----- 43 [D] -----1725-----												-----0230----- 43 [D] -----												
	40 -----0825 43 [D]-----												-----40-----												
S/C 32 INITIAL CONDITIONS RTLT: 32h 32m 6s CCSL: BASELINE FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 32m 4s												0000 RTLT 32h 32m 2s												
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 04												MAR 05												

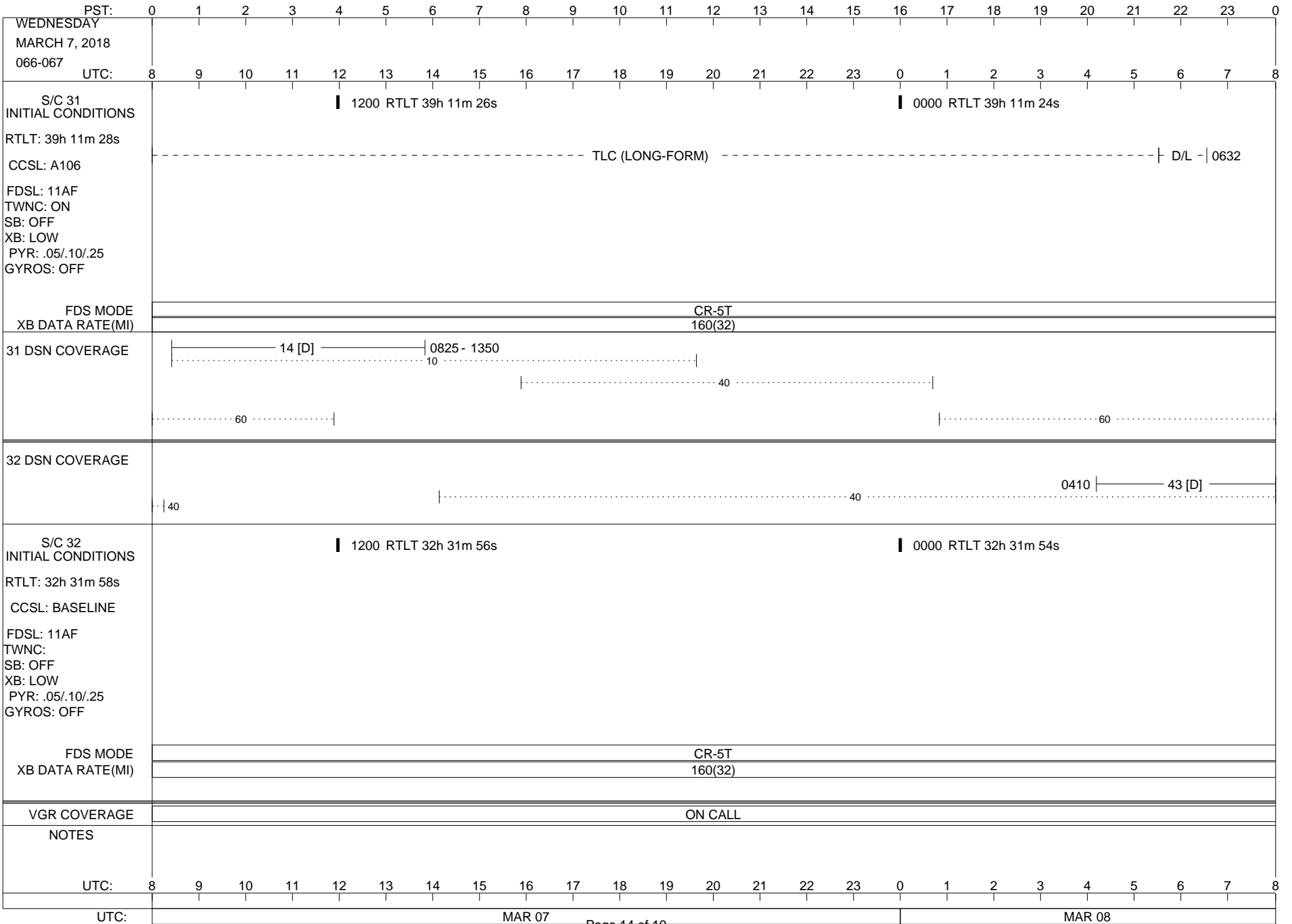
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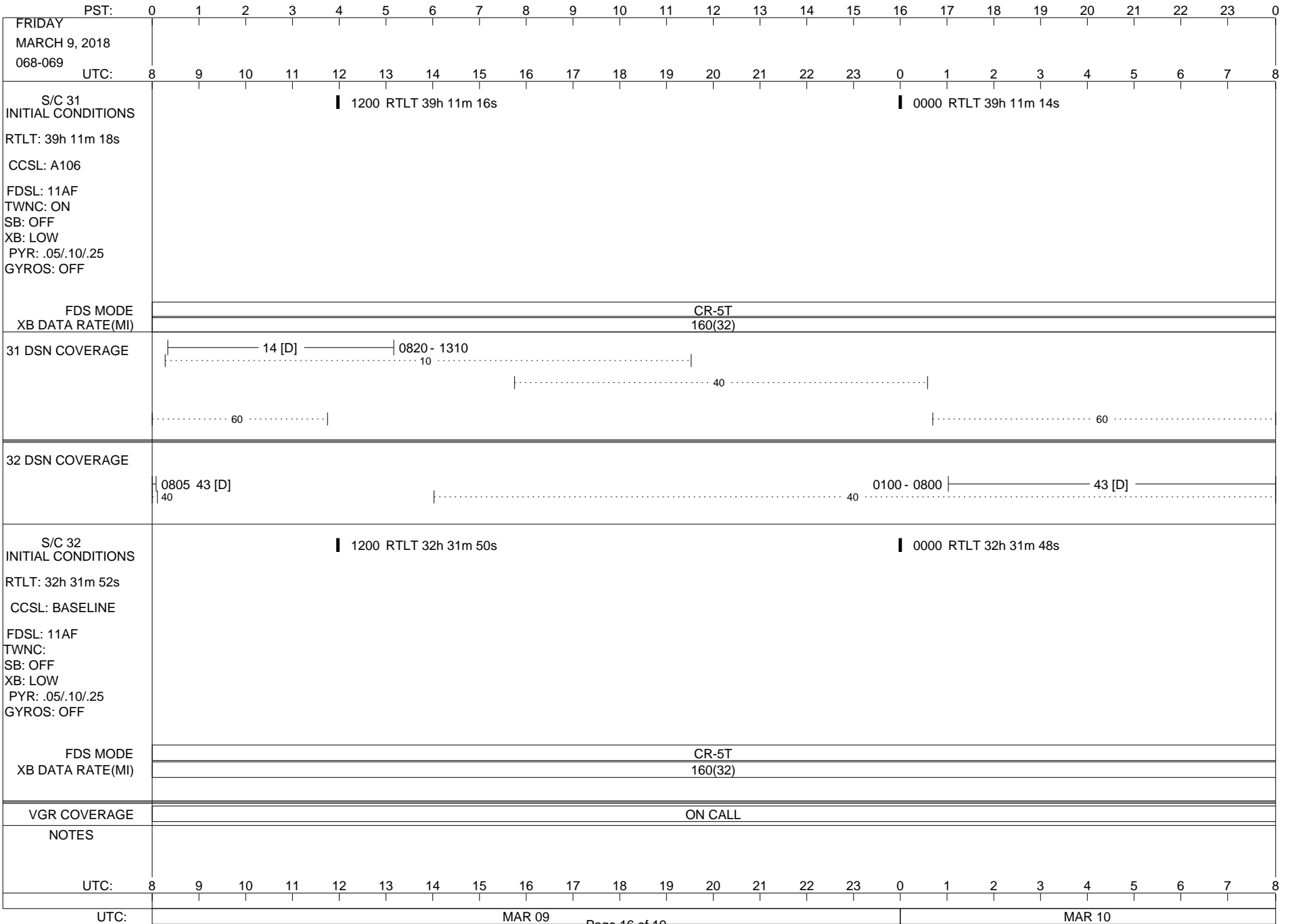
ISSUE DATE: 02/26/18 12:39



ISSUE DATE: 02/26/18 12:39

PST: 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 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	<p>1200 RTLT 39h 11m 22s</p> <p>0000 RTLT 39h 11m 18s</p> <p>2217 - - 2257 TAPPOS</p> <p>0118 0120 PWS/RH</p> <p>0130 - 0156 TAPPOS</p> <p>↓ 0118 GS-4B 0120</p>
FDS MODE XB DATA RATE(MI)	<p>CR-5T</p> <p>160(32)</p> <p>CR-5T</p> <p>160(32)</p>
31 DSN COVERAGE	<p>14 [D] 0825 - 1245</p> <p>10</p> <p>40</p> <p>60</p>
32 DSN COVERAGE	<p>0810 43 [D]</p> <p>40</p> <p>40</p> <p>0530 43 [D]</p>
S/C 32 INITIAL CONDITIONS RTLT: 32h 31m 54s CCSL: BASELINE FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 32h 31m 54s</p> <p>0000 RTLT 32h 31m 52s</p> <p>1916 1922 CCSTIMB FINE</p>
FDS MODE XB DATA RATE(MI)	<p>CR-5T</p> <p>160(32)</p>
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	

ISSUE DATE: 02/26/18 12:39



ISSUE DATE: 02/26/18 12:39

PST:	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
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	1200 RTLT 39h 11m 12s												0000 RTLT 39h 11m 10s												
RTLT: 39h 11m 14s																									
CCSL: A106													0116 - 0143 TAPPOS												
FDSL: 11AF													0418 0420 PWS/RH												
TWNC: ON													0430 - 0443 TAPPOS												
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																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS	1200 RTLT 32h 31m 48s												0000 RTLT 32h 31m 46s												
RTLT: 32h 31m 48s																									
CCSL: BASELINE																									
FDSL: 11AF																									
TWNC:																									
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 @ 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												

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		
SUNDAY MARCH 11, 2018 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	9		
S/C 31 INITIAL CONDITIONS RTLT: 39h 11m 10s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 11m 8s												0000 RTLT 39h 11m 6s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	14 [D] 0810-1720												14 [D] 0810															
32 DSN COVERAGE													0135 43 [D] 0655															
S/C 32 INITIAL CONDITIONS RTLT: 32h 31m 46s CCSL: BASELINE FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 31m 44s												0000 RTLT 32h 31m 42s															
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	9		
UTC:	MAR 11														MAR 12													

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 12, 2018 071-072																								
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: 39h 11m 6s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 39h 11m 4s</p>																							
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																							
31 DSN COVERAGE	<p style="text-align: center;">----- 14 [D] ----- 1430</p> <p style="text-align: center;">..... 10</p> <p style="text-align: center;">..... 60</p>																							
32 DSN COVERAGE	<p>1940 ----- 36 [DAR] ----- 2240</p> <p>1940 ----- 43 [DA] ----- 2240</p>																							
S/C 32 INITIAL CONDITIONS RTLT: 32h 31m 42s CCSL: BASELINE FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 32h 31m 40s</p>																							
FDS MODE XB DATA RATE(MI)	CR-5T 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 12												MAR 13											