

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: March 29, 2018

For the Period: 03/29/18 to 04/23/18 (18/088 – 18/113)

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](http://voyager.jpl.nasa.gov/mission/soesfos/tracking_schedule.html)

02/27/17

ISSUE DATE: 04/11/18 11:44

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 MARCH 29, 2018 088-089																										
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 9m 58s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 9m 56s												0000 RTLT 39h 9m 56s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	.....										.....										14 [D] 0700 10					
	.....										.....															
	.....										.....															
32 DSN COVERAGE	1245  ----- 43 [o] -----  1800												0350 - 0645  ----- 43 [D] -----													
S/C 32 INITIAL CONDITIONS RTLT: 32h 30m 32s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 30m 28s												0000 RTLT 32h 30m 26s													
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 @ 0005 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:	MAR 29												MAR 30													

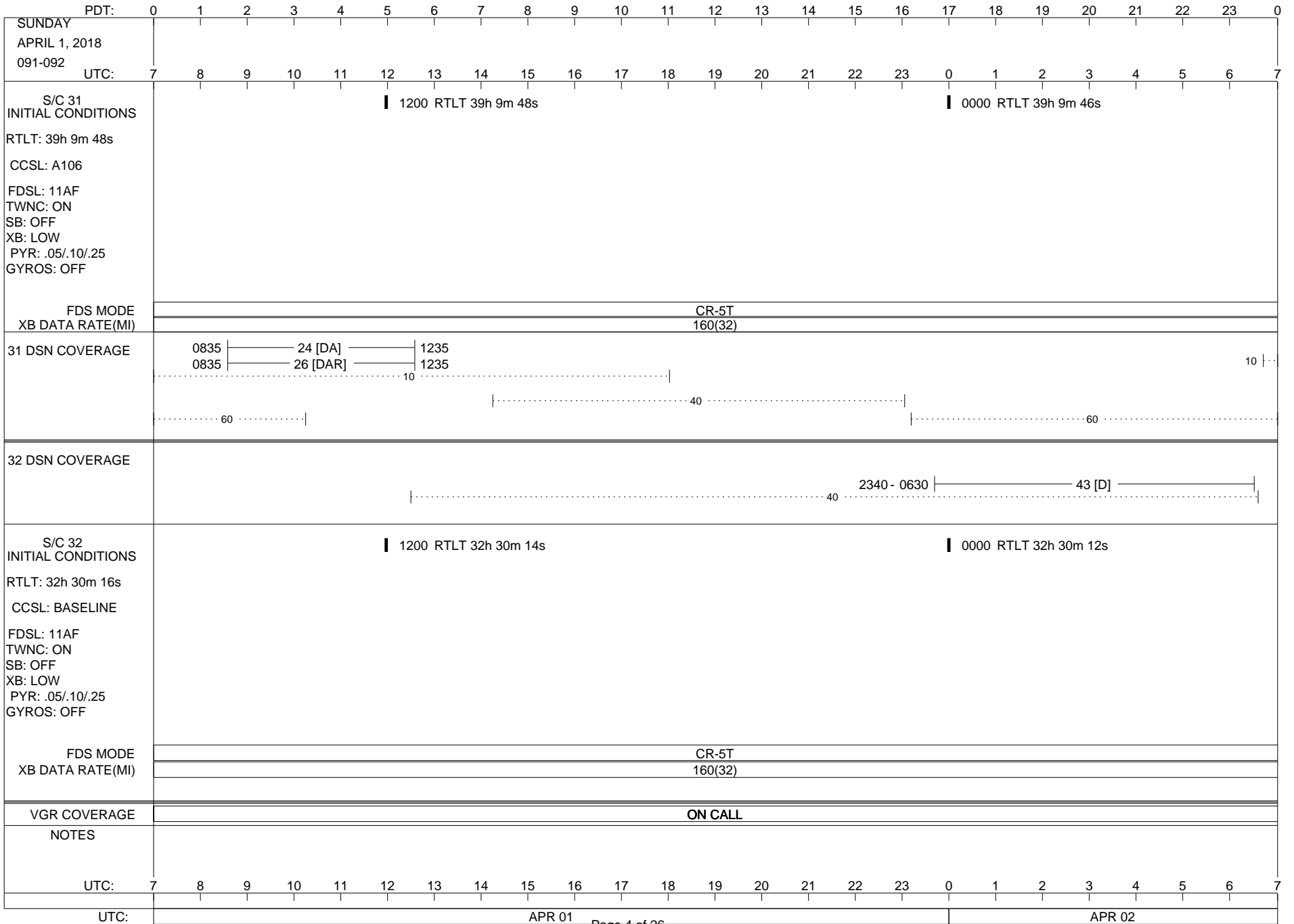
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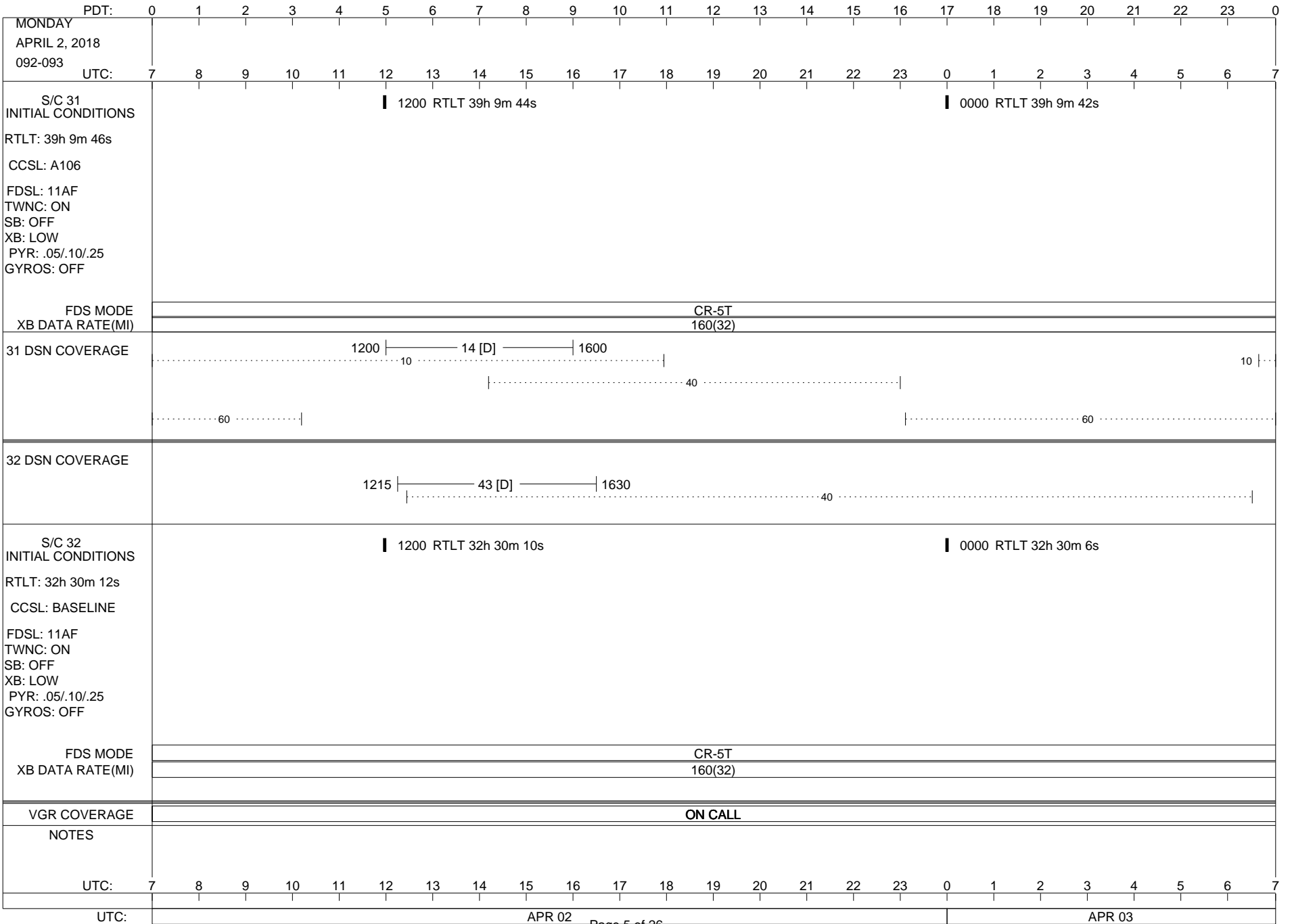
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FRIDAY MARCH 30, 2018 089-090																											
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S/C 31 INITIAL CONDITIONS RTLT: 39h 9m 56s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 9m 54s												0000 RTLT 39h 9m 52s														
----- TLC (SHORT-FORM) -----																											
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)														
31 DSN COVERAGE	14 [D]   0700 - 1300												14 [D] 0655														
	..... 10 .....												..... 10														
	..... 60 .....												..... 60 .....														
32 DSN COVERAGE													2300 - 0640   43 [D]														
													..... 40 .....														
S/C 32 INITIAL CONDITIONS RTLT: 32h 30m 26s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 30m 24s												0000 RTLT 32h 30m 22s														
FDS MODE XB DATA RATE(MI)													CR-5T 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:	MAR 30													MAR 31													

ISSUE DATE: 04/11/18 11:44

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SATURDAY MARCH 31, 2018 090-091	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 9m 52s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 9m 50s												0000 RTLT 39h 9m 48s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D] 1010 1410 14 [D] 1755 10 40 10												0004   --   0044 TAPPOS 0305   0307 PWS/RH 0317   ---   0411 TAPPOS ↓ 0305 GS-4B 0307												
32 DSN COVERAGE	2110 - 0635 40												43 [D]												
S/C 32 INITIAL CONDITIONS RTLT: 32h 30m 22s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 30m 18s												0000 RTLT 32h 30m 16s												
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 @ 0305 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:	MAR 31												APR 01												

ISSUE DATE: 04/11/18 11:44





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
TUESDAY APRIL 3, 2018 093-094																									
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: 39h 9m 42s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 39h 9m 42s												0000 RTLTL 39h 9m 40s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1150  ----- 14 [D] -----  1550												10  ----- 40 -----												
	60  -----												60  -----												
32 DSN COVERAGE	1900 - 0620  ----- 40 -----												43 [D] -----												
S/C 32 INITIAL CONDITIONS RTLTL: 32h 30m 6s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 32h 30m 4s												0000 RTLTL 32h 30m 2s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1729 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:	APR 03												APR 04												

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			
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<b>WEDNESDAY</b> APRIL 4, 2018 094-095																												
<b>S/C 31</b> <b>INITIAL CONDITIONS</b> RTLT: 39h 9m 40s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 39h 9m 38s														█ 0000 RTLT 39h 9m 38s													
<b>FDS MODE</b> <b>XB DATA RATE(MI)</b>															CR-5T 160(32)													
<b>31 DSN COVERAGE</b>																												
<b>32 DSN COVERAGE</b>																												
<b>S/C 32</b> <b>INITIAL CONDITIONS</b> RTLT: 32h 30m 2s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 32h 30m 0s														█ 0000 RTLT 32h 29m 56s													
<b>FDS MODE</b> <b>XB DATA RATE(MI)</b>															CR-5T 160(32)													
<b>VGR COVERAGE</b>	ON CALL														VGR							ON CALL						
<b>NOTES</b>																												
<b>UTC:</b>	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			
<b>UTC:</b>	APR 04																					APR 05						



ISSUE DATE: 04/11/18 11:44

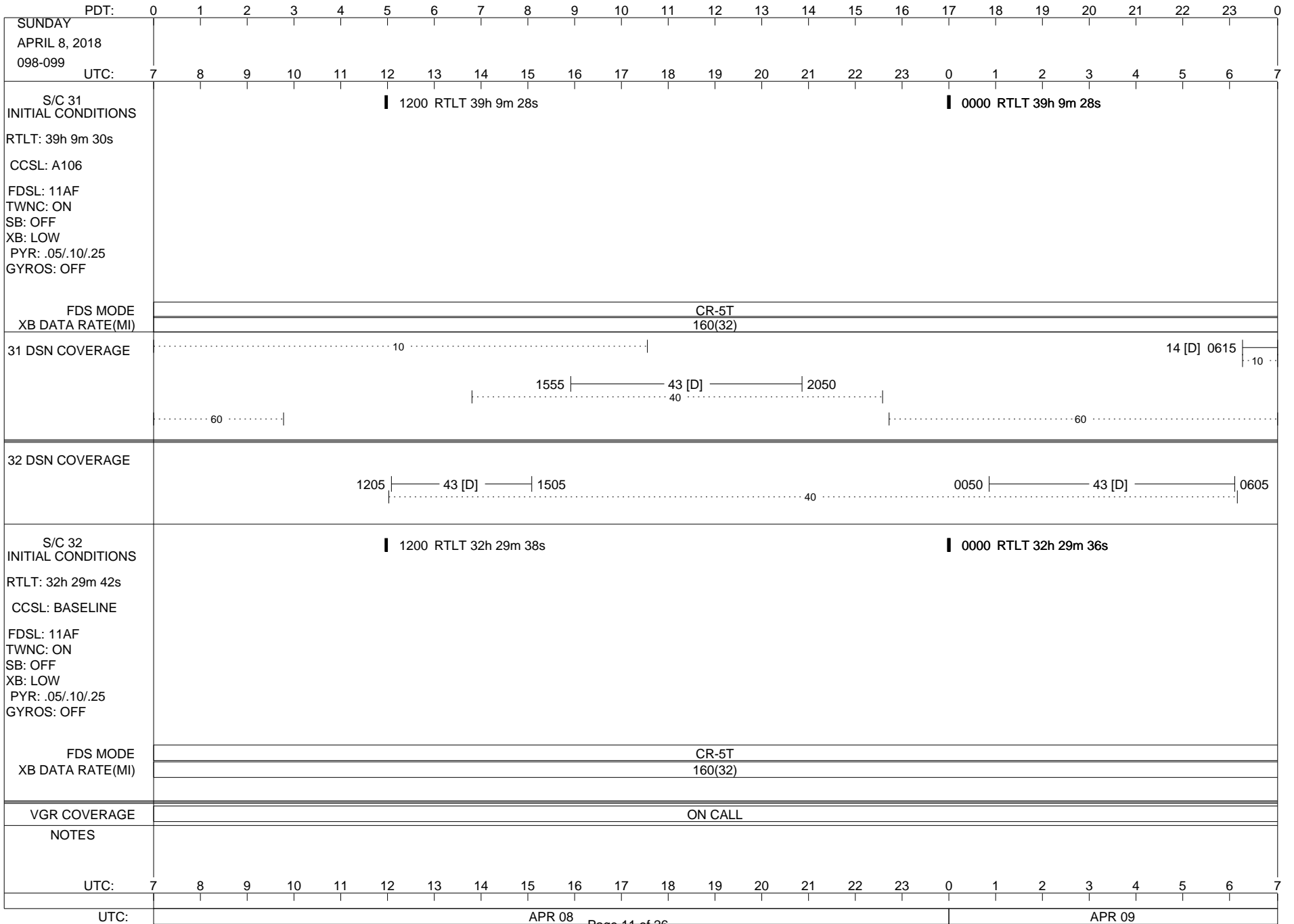
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THURSDAY APRIL 5, 2018 095-096																												
S/C 31 INITIAL CONDITIONS RTLTL: 39h 9m 38s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 9m 36s												0000 RTLT 39h 9m 34s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)															
31 DSN COVERAGE	1340  ----- 14 [D] -----  1740												----- 40 -----															
32 DSN COVERAGE	1400  ----- 43 [D] -----  1615												0235 - 0615  ----- 43 [D] -----															
S/C 32 INITIAL CONDITIONS RTLTL: 32h 29m 56s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 29m 54s												0000 RTLT 32h 29m 52s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
VGR COVERAGE	ON CALL																											
NOTES	[1] S/C 31=GS-4B @ 2341 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:	APR 05														APR 06													

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			
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			
<b>FRIDAY</b> APRIL 6, 2018 096-097																													
S/C 31 INITIAL CONDITIONS RTLT: 39h 9m 34s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 39h 9m 34s														0000 RTLT 39h 9m 32s													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)				EL-40 40(30)																		CR-5T 160(32)					
31 DSN COVERAGE		0855  -----  14 [D]  -----  1255  -----  14 [D] 0625  -----  10																											
32 DSN COVERAGE		1210  -----  43 [D]  -----  1625  -----  40  -----  0250-0615  -----  43 [D]  -----																											
S/C 32 INITIAL CONDITIONS RTLT: 32h 29m 52s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 32h 29m 48s														0000 RTLT 32h 29m 46s													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																											
VGR COVERAGE		ON CALL				VGR																		ON CALL					
NOTES		[1] S/C 31=EL-40 XB=40(30) @ 0928 [2] S/C 31=CR-5T XB=160(32) @ 1028																											
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:		APR 06														APR 07													

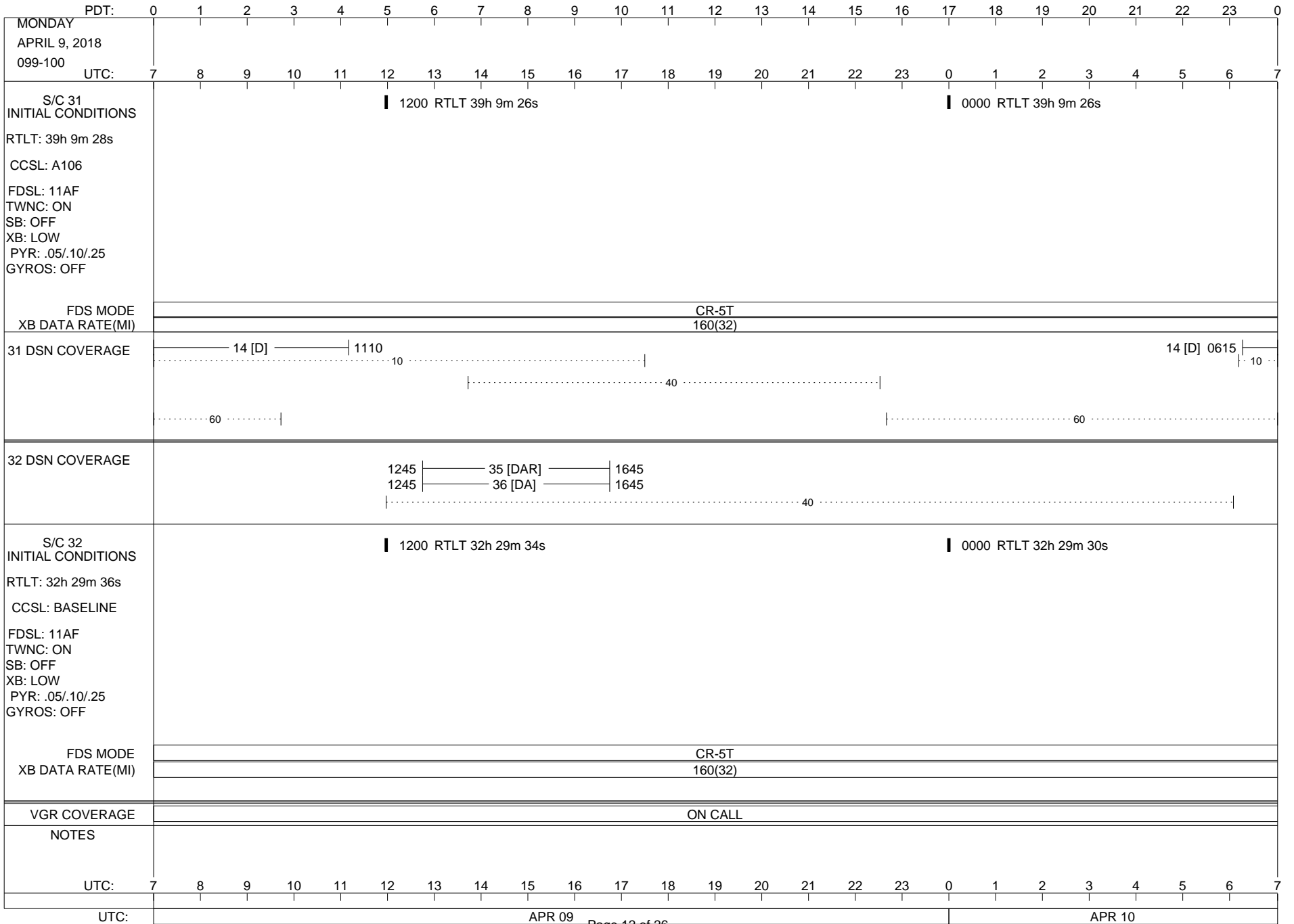
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SATURDAY APRIL 7, 2018 097-098																												
S/C 31 INITIAL CONDITIONS RTLTL: 39h 9m 32s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 9m 30s												0000 RTLT 39h 9m 30s															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	<p>14 [D]   1405   10   40   60   0241 GS-4B 0243</p> <p>2340   ---   0034 TAPPOS</p> <p>0241   0243 PWS/RH</p> <p>0253   ---   0401 TAPPOS</p>																											
32 DSN COVERAGE	<p>2255   43 [D]   0610</p>																											
S/C 32 INITIAL CONDITIONS RTLTL: 32h 29m 46s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 29m 44s												0000 RTLT 32h 29m 42s															
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 @ 0241 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:	APR 07														APR 08													

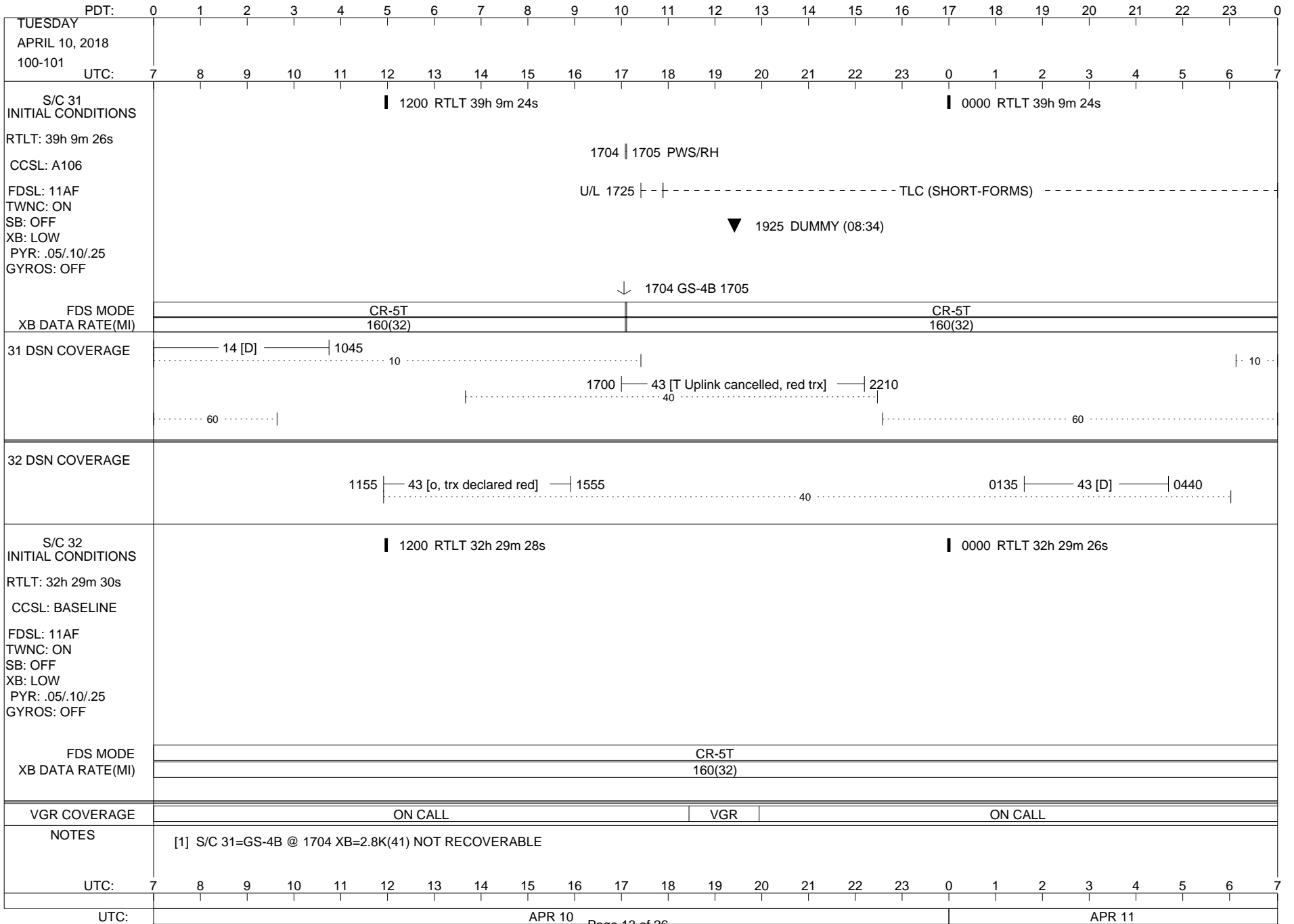
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UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
WEDNESDAY APRIL 11, 2018 101-102																												
S/C 31 INITIAL CONDITIONS RTLTL: 39h 9m 24s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 9m 22s												0000 RTLT 39h 9m 22s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	<p>1035  -----  14 [D]  -----  1535</p> <p>.....10..... ----- -----40----- </p> <p>.....60..... ----- -----60----- </p> <p>.....14 [D] 0605  ----- </p> <p>.....10.....</p>																											
32 DSN COVERAGE	<p>.....1855  ----- -----40----- </p> <p>.....43 [D]  -----  0555</p>																											
S/C 32 INITIAL CONDITIONS RTLTL: 32h 29m 26s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 29m 24s												0000 RTLT 32h 29m 20s															
FDS MODE XB DATA RATE(MI)													CR-5T 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:	APR 11														APR 12													

ISSUE DATE: 04/11/18 11:44

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 APRIL 12, 2018 102-103																									
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 9m 20s												0000 RTLT 39h 9m 20s												
RTLTL: 39h 9m 22s																									
CCSL: A106													2016  ----  2110 TAPPOS												
FDSL: 11AF	-----  TLC (SHORT-FORMS)												2317   2319 PWS/RH												
TWNC: ON	-  D/L -  1002												2329  -----  0037 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	14 [D] -----  1545												14 [D] 0615  -----												
	.....												.....												
	.....												.....												
	.....												.....												
32 DSN COVERAGE	1845  -----  43 [D] -----  0045																								
	.....												.....												
S/C 32 INITIAL CONDITIONS	1200 RTLT 32h 29m 18s												0000 RTLT 32h 29m 16s												
RTLTL: 32h 29m 20s																									
CCSL: BASELINE																									
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	[1] S/C 31=GS-4B @ 2317 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:	APR 12												APR 13												



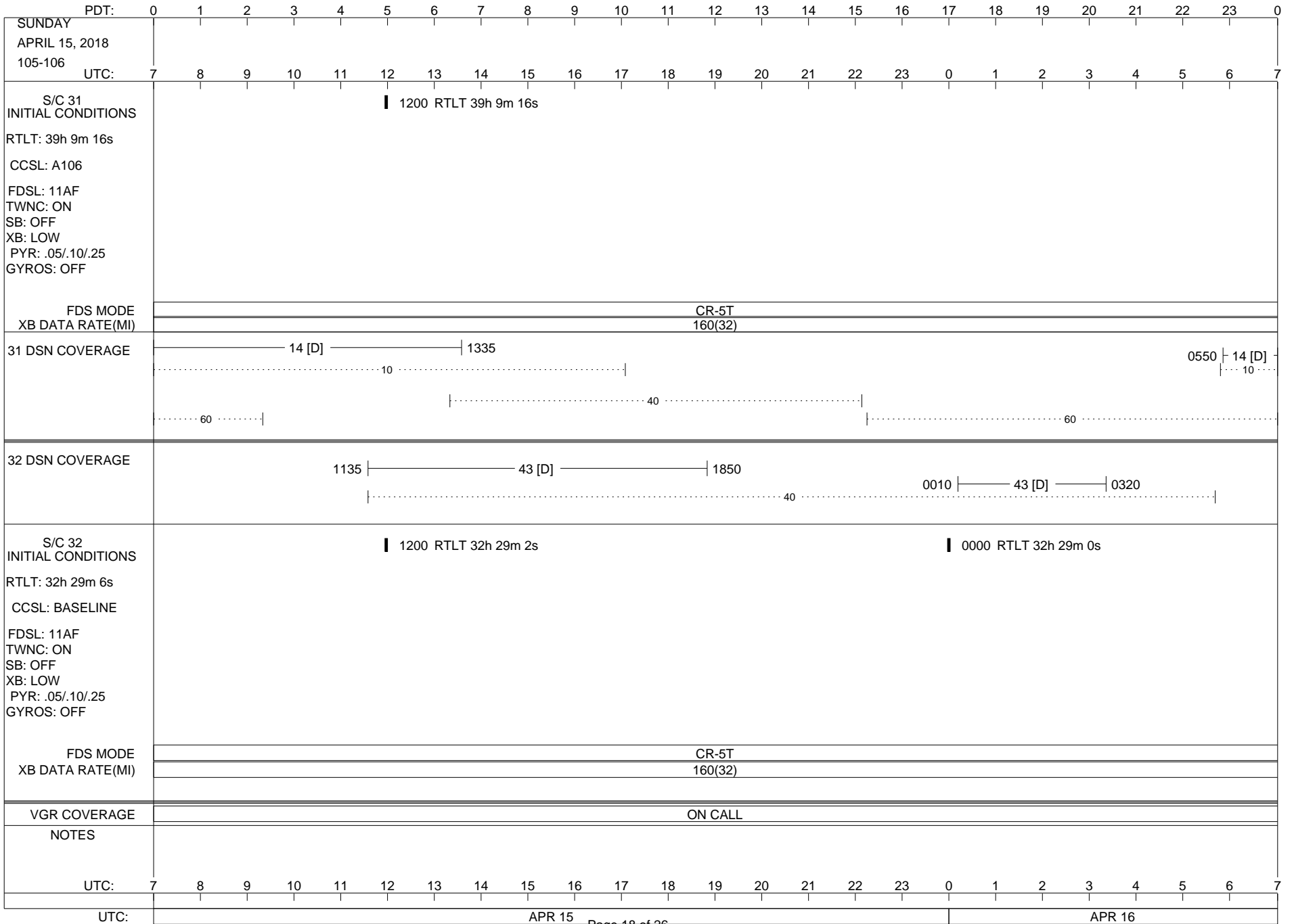
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PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	
FRIDAY APRIL 13, 2018 103-104																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 39h 9m 20s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 39h 9m 20s												0000 RTLTL 39h 9m 18s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	14 [D]   1535												... 10 ...													
	..... 10 .....												..... 40 .....													
	..... 60 .....												..... 60 .....													
32 DSN COVERAGE	1150   43 [D]   1755												..... 40 .....													
S/C 32 INITIAL CONDITIONS RTLTL: 32h 29m 16s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 32h 29m 12s												0000 RTLTL 32h 29m 10s													
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:	APR 13													APR 14												

ISSUE DATE: 04/11/18 11:44

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
SATURDAY APRIL 14, 2018 104-105	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: 39h 9m 18s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 9m 18s												0000 RTLT 39h 9m 16s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	1100  -----  14 [D]  -----  1705												0555   14 [D]  -----												
32 DSN COVERAGE	1125  -----  43 [D]  -----  1955																								
S/C 32 INITIAL CONDITIONS RTLTL: 32h 29m 10s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 29m 8s												0000 RTLT 32h 29m 6s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 0217 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:	APR 14												APR 15												

ISSUE DATE: 04/11/18 11:44



ISSUE DATE: 04/11/18 11:44

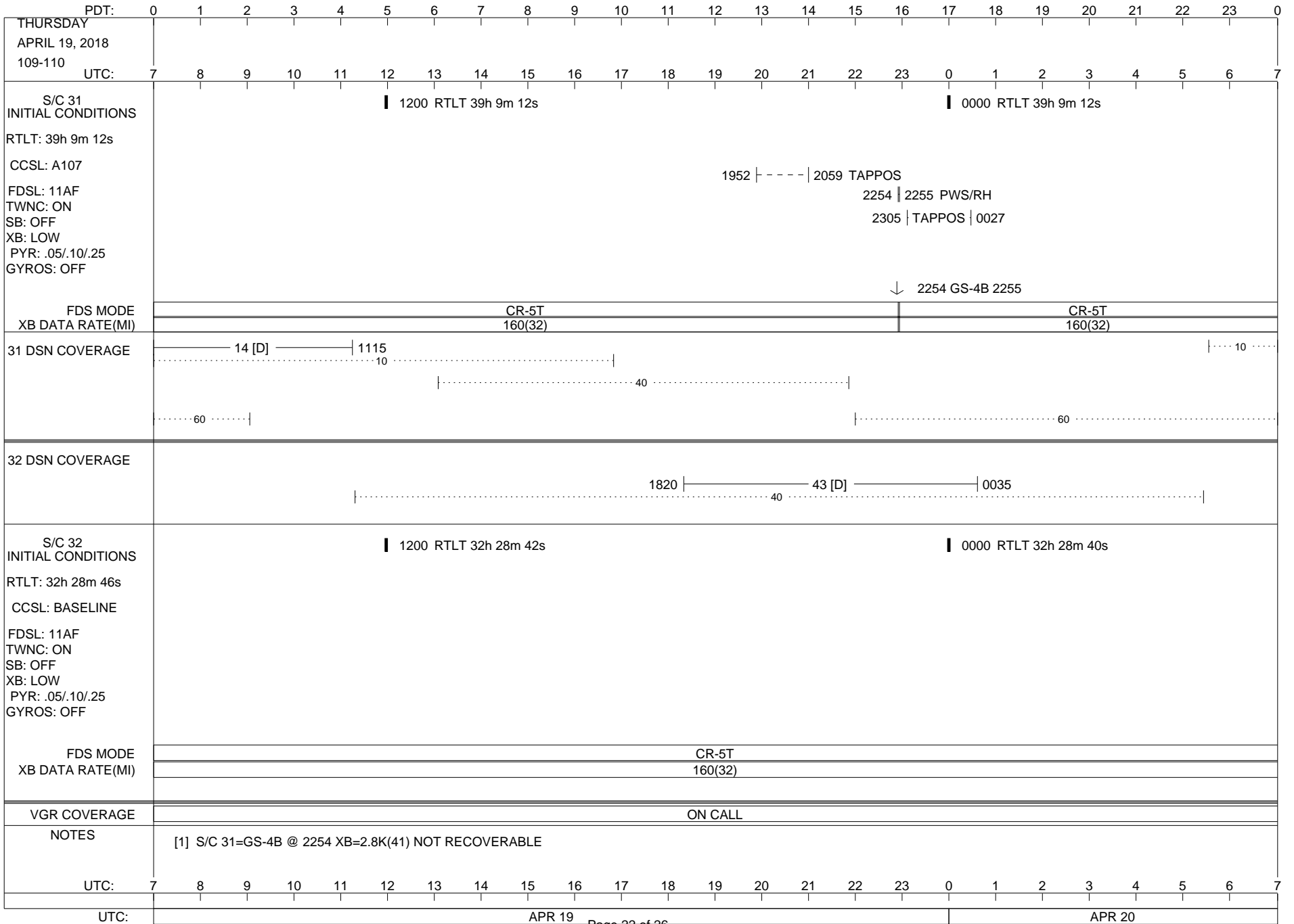
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MONDAY APRIL 16, 2018 106-107																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLT: 39h 9m 16s CCSL: A106 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	BEGIN SEQUENCE A107 0444 ↓																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE																											
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS RTLT: 32h 29m 0s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 32h 28m 58s													█ 0000 RTLT 32h 28m 56s													
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:	APR 16													APR 17													

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
TUESDAY APRIL 17, 2018 107-108	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: 39h 9m 16s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 9m 14s												0000 RTLT 39h 9m 14s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	14 [D]   1015												0540   14 [D]												
32 DSN COVERAGE	1130   43 [D]   1410												0040   43 [D]   0530												
S/C 32 INITIAL CONDITIONS RTLTL: 32h 28m 56s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 28m 52s												0000 RTLT 32h 28m 50s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 1640 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:	APR 17												APR 18												

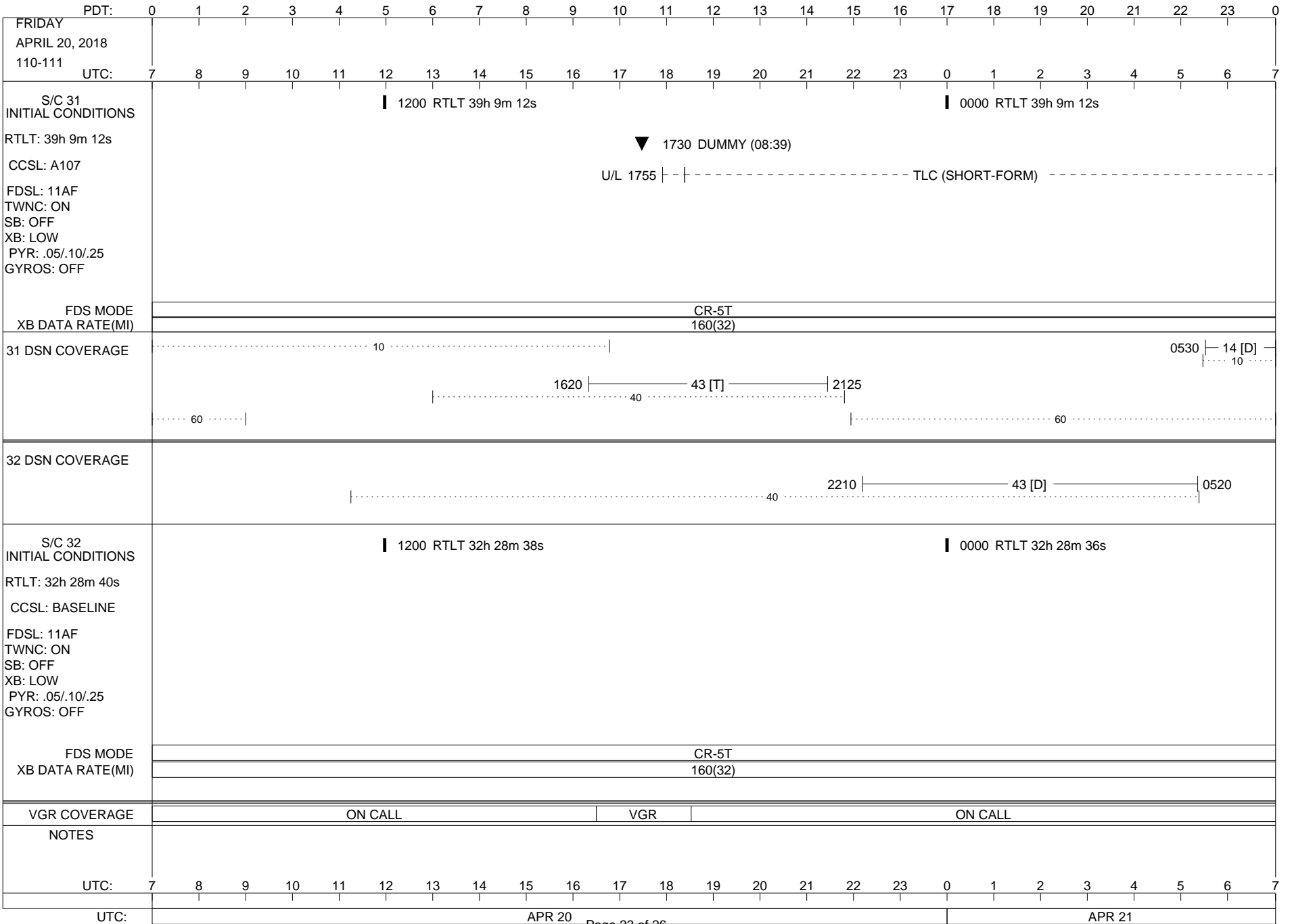
ISSUE DATE: 04/11/18 11:44

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	
WEDNESDAY APRIL 18, 2018 108-109																										
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 9m 14s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 39h 9m 14s												█ 0000 RTLT 39h 9m 12s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	14 [D]   1040										14 [D] 0615															
	.....10.....										.....10.....															
	.....40.....										.....40.....															
	.....60.....										.....60.....															
32 DSN COVERAGE	1125   43 [D]   1810																									
	.....40.....																									
S/C 32 INITIAL CONDITIONS RTLT: 32h 28m 50s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 32h 28m 48s												█ 0000 RTLT 32h 28m 46s													
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:	APR 18													APR 19												

ISSUE DATE: 04/11/18 11:44



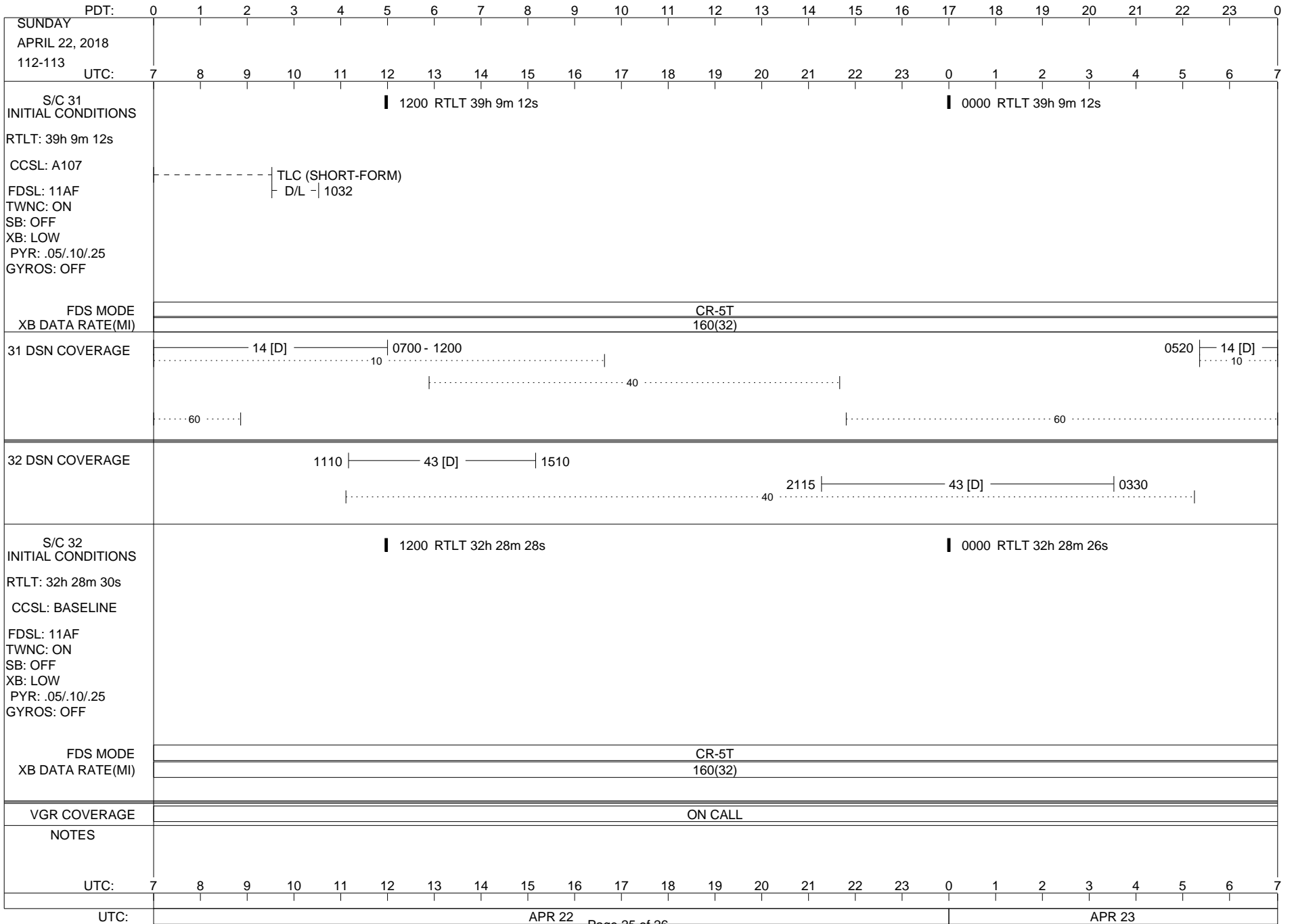
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ISSUE DATE: 04/11/18 11:44

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			
SATURDAY APRIL 21, 2018 111-112	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: 39h 9m 12s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 9m 12s												0000 RTLT 39h 9m 12s															
----- TLC (SHORT-FORM) -----																												
														2252   TAPPOS   0013														
														0154   0155 PWS/RH 0205   TAPPOS   0341														
														↓ 0154 GS-4B 0155														
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
31 DSN COVERAGE	14 [D]   1030										14 [D] 0700																	
.....10.....										.....10.....																		
.....40.....										.....40.....																		
.....60.....										.....60.....																		
32 DSN COVERAGE	1250   43 [o]   1655										0150   43 [D]   0515																	
.....40.....										.....40.....																		
S/C 32 INITIAL CONDITIONS RTLTL: 32h 28m 36s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 28m 32s												0000 RTLT 32h 28m 30s															
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 @ 0154 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:	APR 21														APR 22													



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		
MONDAY APRIL 23, 2018 113-114	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 9m 12s CCSL: A107 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 39h 9m 12s																										
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																										
31 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> <div>----- 14 [D] -----</div> <div>  1110</div> </div> <hr style="border-top: 1px dotted black;"/> <div style="display: flex; justify-content: space-between;"> <div>..... 10 .....</div> <div>  ..... 40 .....</div> </div> <hr style="border-top: 1px dotted black;"/> <div style="display: flex; justify-content: space-between;"> <div>..... 60 .....</div> <div> </div> </div>																										
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS RTLT: 32h 28m 26s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 32h 28m 24s																										
FDS MODE XB DATA RATE(MI)	CR-5T 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:	APR 23														APR 24												