

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: April 1, 2015

For the Period: 04/02/15 to 04/20/15 (15-092 – 15-110)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

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FLIGHT TEAM (14) 600-100

Dodd, S.
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 Howard, S. (3)
 Ludwig, R. (2)
 Matsumoto, S.
 Medina
 Peralta, F.
 Weeks, T.
 Wong, R.
 Yang, L.
 Zottarelli, L.
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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

*Electronic Copy Only
 (16 – Dist/N: Paper Copies)
 09/08/10

ISSUE DATE: 04/06/15 07:31

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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THURSDAY APRIL 2, 2015 092-093																												
S/C 31 INITIAL CONDITIONS RTLTL: 36h 11m 20s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 11m 18s														0000 RTLT 36h 11m 18s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)														CR-5T 160(32)													
31 DSN COVERAGE	<p>14 [D] 1445 14 [D] 0630</p> <p>10 40 60 2300 63 [D] 0410</p>																											
32 DSN COVERAGE	<p>1615 34 [D] 2015 0005 34 [D] 0235</p> <p>40</p>																											
S/C 32 INITIAL CONDITIONS RTLTL: 29h 51m 58s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 29h 51m 56s														0000 RTLT 29h 51m 54s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																											
VGR COVERAGE	ON CALL																											
NOTES	[1] S/C 31=GS-4B @ 2348 XB=2.8K(41) NOT RECOVERABLE																											
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ISSUE DATE: 04/06/15 07:31

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S/C 31 INITIAL CONDITIONS							1200																			
RTLT: 36h 11m 18s																										
CCSL: A094																										
FDSL: 11AF																										
TWNC: ON																										
SB: OFF																										
XB: LOW																										
PYR: .05/10/25																										
GYROS: OFF																										
FDS MODE																										
XB DATA RATE(MI)																										
31 DSN COVERAGE																										
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS							1200																			
RTLT: 29h 51m 54s																										
CCSL: B167																										
FDSL: 11AF																										
TWNC: ON																										
SB: OFF																										
XB: LOW																										
PYR: .05/10/25																										
GYROS: OFF																										
FDS MODE																										
XB DATA RATE(MI)																										
VGR COVERAGE																										
NOTES																										
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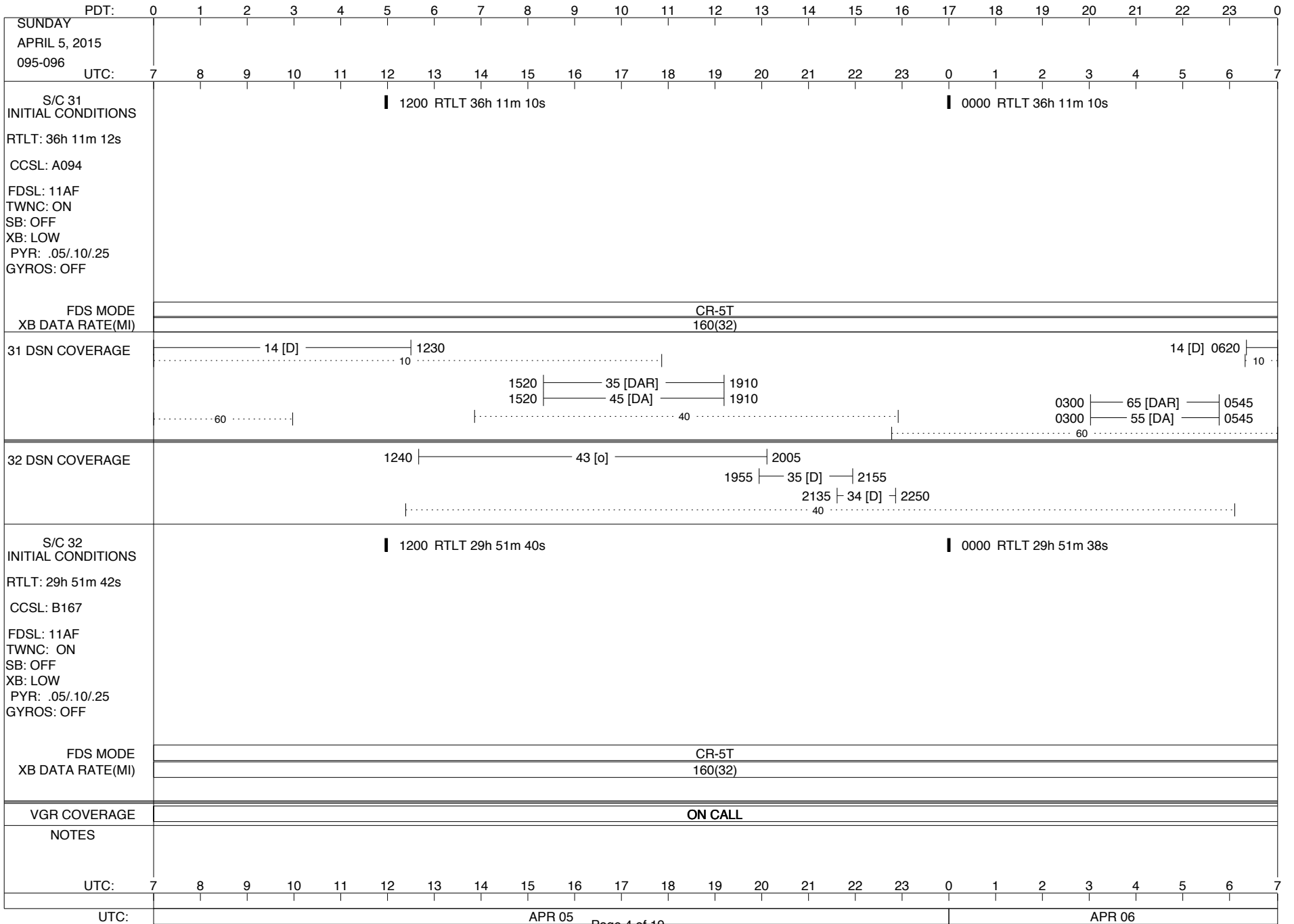
APR 03

APR 04

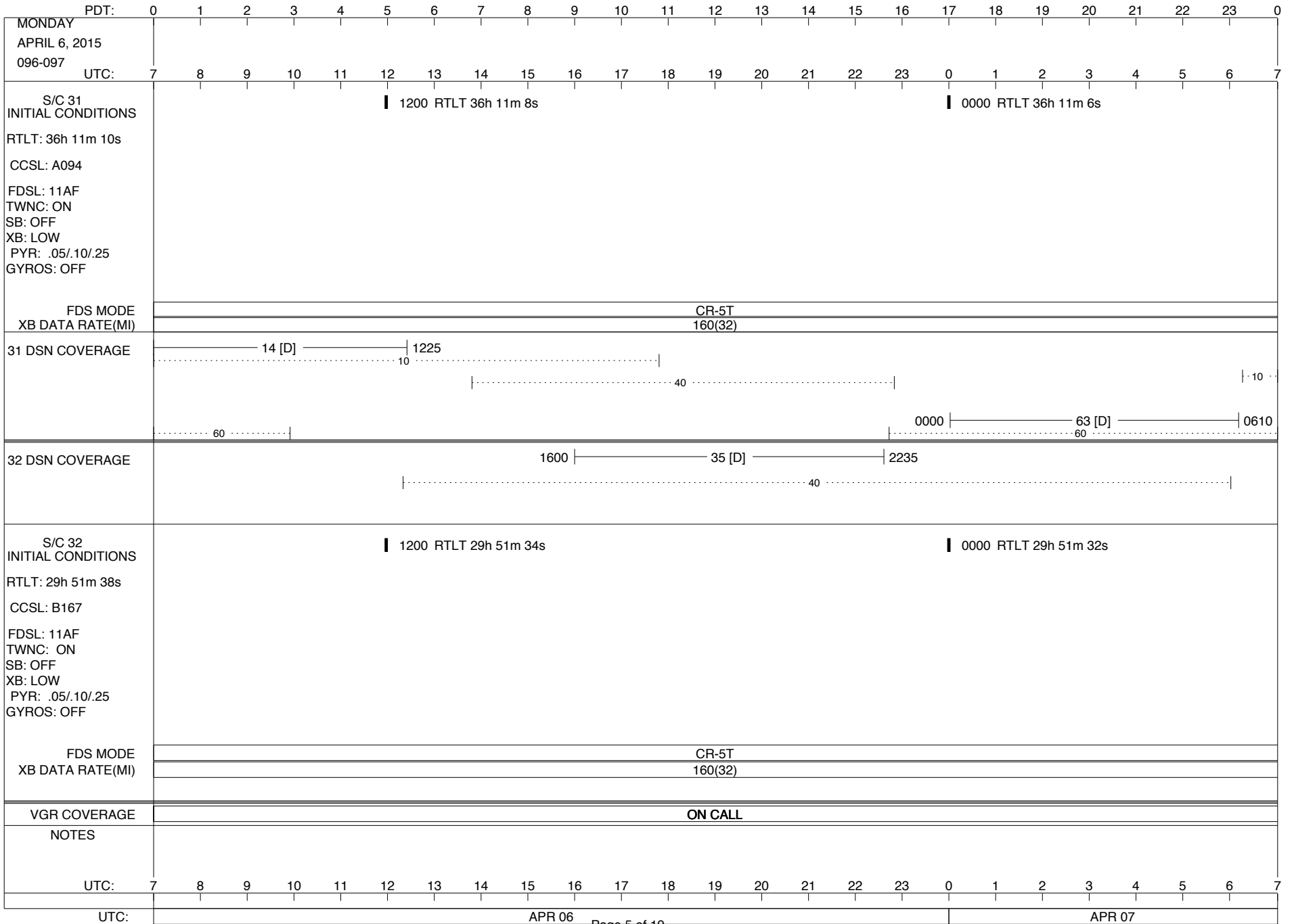
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SATURDAY APRIL 4, 2015 094-095																												
S/C 31 INITIAL CONDITIONS RTLTL: 36h 11m 14s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 11m 14s												0000 RTLT 36h 11m 12s															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	0835 ----- 14 [D] ----- 1235 ----- 10 -----												14 [D] 0625 ----- 10 ----- 60 ----- 40 ----- 60															
32 DSN COVERAGE	1225 ----- 43 [o] ----- 2000 ----- 40 -----																											
S/C 32 INITIAL CONDITIONS RTLTL: 29h 51m 48s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 29h 51m 46s												0000 RTLT 29h 51m 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 @ 0248 XB=2.8K(41) NOT RECOVERABLE																											
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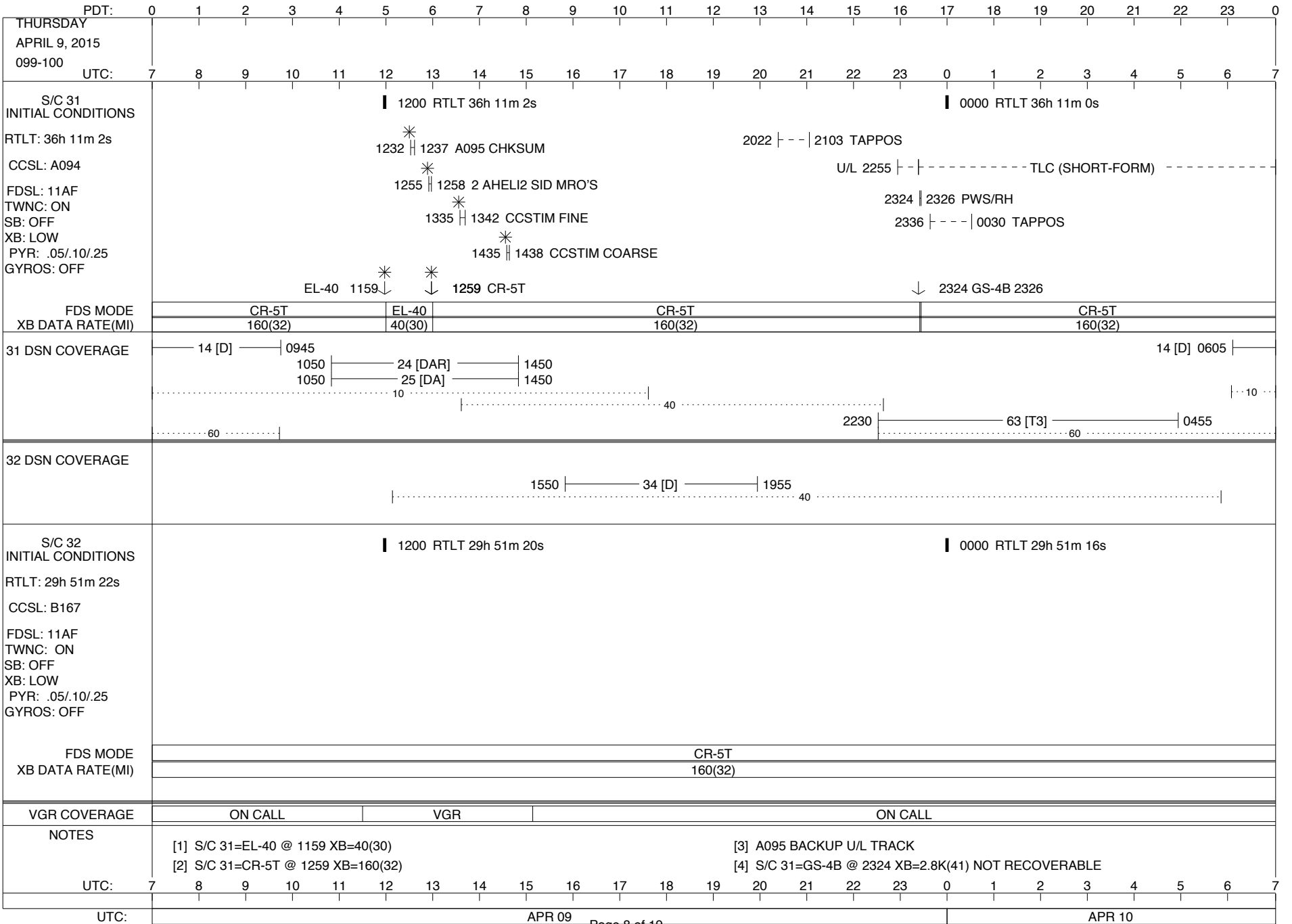
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S/C 31 INITIAL CONDITIONS RTLTL: 36h 11m 6s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<p>1200 RTLT 36h 11m 6s 0000 RTLT 36h 11m 4s</p> <p>1711 1712 PWS/RH</p> <p>DUMMY (11:41) 2330▼ EL-40 (11:58) 2347▼ CCSL A095BA (12:20) 0009▼ AHELI2 CCS SID MRO'S CR-5T (12:53) 0042▼ CCSTIM F/C (13:34) 0123▼</p> <p>↓ 1711 GS-4B 1712</p>																																
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)													CR-5T 160(32)																			
31 DSN COVERAGE	<p>0745 15 [DA] 1030 2240 - 0635 63 14 [D] 0615 10</p> <p>0745 25 [DAR] 1030 40 60 10</p>																																
32 DSN COVERAGE	<p>1555 35 [D] 2310</p> <p>1230 43 [H] 1510 40 10</p>																																
S/C 32 INITIAL CONDITIONS RTLTL: 29h 51m 32s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	<p>1200 RTLT 29h 51m 30s 0000 RTLT 29h 51m 28s</p> <p>▼ 1340 DUMMY (19:32) ▼ 1401 ECR 113695 DELINK & LINK, DMRO (19:52)</p> <p>1920 --- MAGCAL --- 2223 1920 --- PESCAL --- 2240</p>																																
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																																
VGR COVERAGE	ON CALL							VGR							ON CALL							VGR						ON CALL					
NOTES	[1] S/C 31=GS-4B @ 1711 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								
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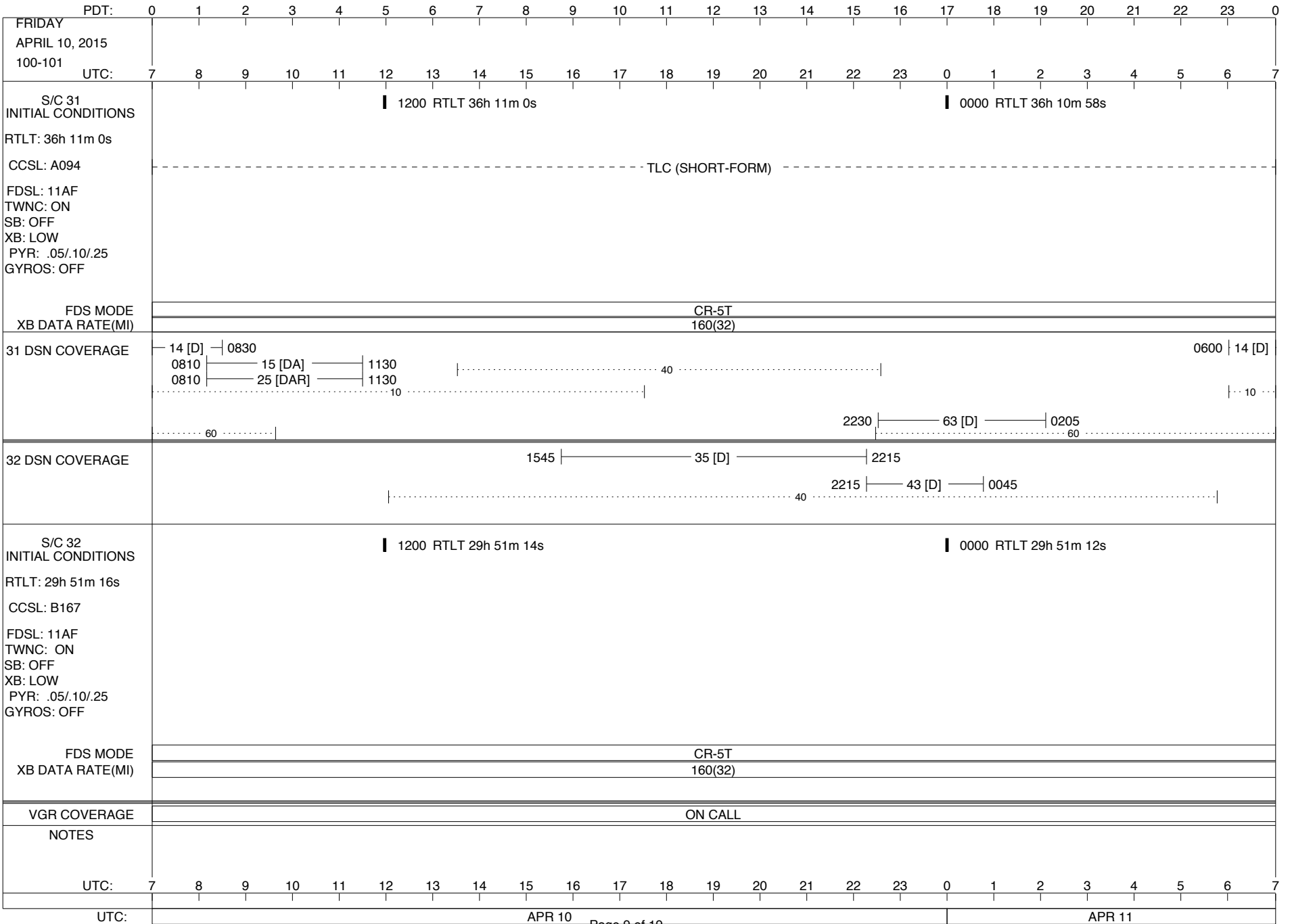
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WEDNESDAY APRIL 8, 2015 098-099																									
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S/C 31 INITIAL CONDITIONS RTLT: 36h 11m 4s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF						█ 1200																			
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 29h 51m 28s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF						█ 1200																			
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
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ISSUE DATE: 04/06/15 07:31



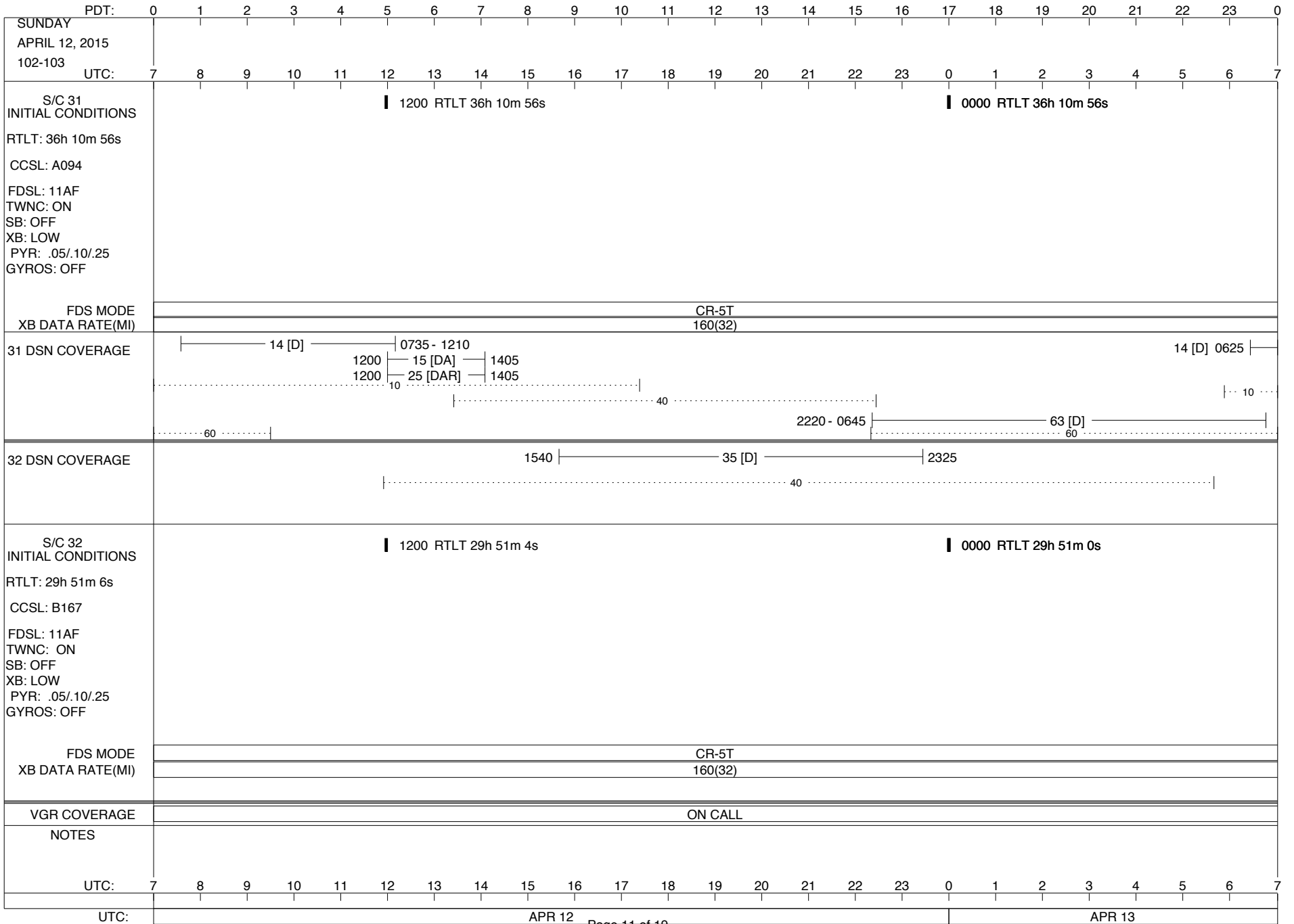
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ISSUE DATE: 04/06/15 07:31

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SATURDAY APRIL 11, 2015 101-102	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: 36h 10m 58s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 10m 58s												0000 RTLT 36h 10m 56s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D] 0820 0800 24 [DAR] 1440 0800 25 [DA] 1440 10 40 60												2322 0016 TAPPOS 0224 0226 PWS/RH 0236 0344 TAPPOS ↓ 0224 GS-4B 0226 10 0300 55 [DAR] 0500 0300 54 [DA] 0500 60												
32 DSN COVERAGE	1615 35 [D] 2305 1430 43 [o] 1630 40																								
S/C 32 INITIAL CONDITIONS RTLTL: 29h 51m 12s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 29h 51m 8s												0000 RTLT 29h 51m 6s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0224 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 11												APR 12												

ISSUE DATE: 04/06/15 07:31



ISSUE DATE: 04/06/15 07:31

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 13, 2015 103-104																										
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S/C 31 INITIAL CONDITIONS RTLTL: 36h 10m 56s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 36h 10m 54s												0000 RTLTL 36h 10m 54s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	<p>Timeline for 31 DSN COVERAGE:</p> <ul style="list-style-type: none"> 14 [D] 0830 - 0810 (duration 24 [DAR]) 24 [DAR] 1120 - 0810 (duration 25 [DA]) 1725 - 43 [D] 2145 (duration 40) 0130 - 0615 - 63 [D] (duration 60) 																									
32 DSN COVERAGE	<p>Timeline for 32 DSN COVERAGE:</p> <ul style="list-style-type: none"> 1315 - 43 [B] 1635 (duration 40) 1615 - 35 [D] 2320 (duration 40) 																									
S/C 32 INITIAL CONDITIONS RTLTL: 29h 51m 0s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 29h 50m 58s												0000 RTLTL 29h 50m 56s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
VGR COVERAGE	ON CALL						VGR						ON CALL													
NOTES	<p>▼ 1407 DUMMY (5 MIN BRACKETED 19:58)</p>																									
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	
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ISSUE DATE: 04/06/15 07:31

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 14, 2015 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 RTLT: 36h 10m 54s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 10m 52s 1647 1648 PWS/RH 2235 DUMMY (10:46) U/L 2300 - - - - - - TLC (SHORT-FORM) - - - - - ↓ 1647 GS-4B 1648
	FDS MODE XB DATA RATE(MI)
	CR-5T 160(32)
	CR-5T 160(32)
31 DSN COVERAGE	0545 14 [D]10..... 40.....10.....60..... 2210 -----63 [T]----- 024060.....
32 DSN COVERAGE	1145 ---43 [D]--- 1350 1530 -----34 [D]----- 1925 1905 ---35 [D]--- 213540.....
S/C 32 INITIAL CONDITIONS RTLT: 29h 50m 56s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 29h 50m 52s 1254 -----COMMAND MORATORIUM----- 0000 RTLT 29h 50m 50s
	FDS MODE XB DATA RATE(MI)
	CR-5T 160(32)
	ON CALL VGR ON CALL
NOTES	[1] S/C 31=GS-4B @ 1647 XB=2.8K(41) NOT RECOVERABLE
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UTC: APR 14 Page 13 of 19 APR 15	

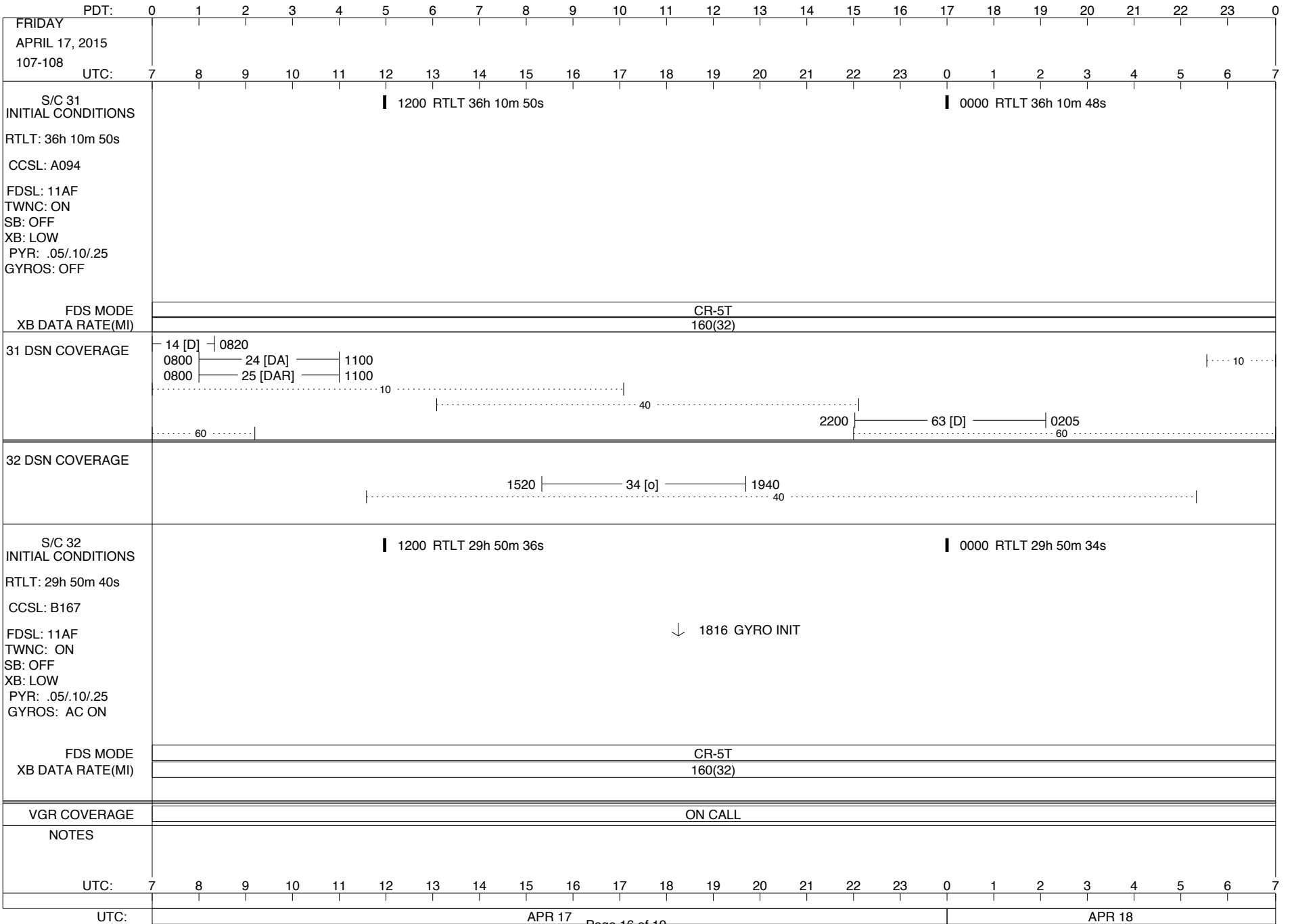
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WEDNESDAY APRIL 15, 2015 105-106																												
S/C 31 INITIAL CONDITIONS RTLT: 36h 10m 52s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 10m 52s												0000 RTLT 36h 10m 50s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	14 [D] 0835 0815 24 [DAR] 0950 0815 25 [DA] 0950												15 [DA] 0700 25 [DAR] 0700 10 40 2210 63 [D] 0430 60															
32 DSN COVERAGE	1525												35 [D] 2115 40															
S/C 32 INITIAL CONDITIONS RTLT: 29h 50m 50s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 29h 50m 48s												0000 RTLT 29h 50m 44s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
VGR COVERAGE	ON CALL												VGR				ON CALL											
NOTES																												
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ISSUE DATE: 04/06/15 07:31

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S/C 31 INITIAL CONDITIONS RTLT: 36h 10m 50s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 10m 50s												0000 RTLT 36h 10m 50s												
	TLC (SHORT-FORM) --- D/L - 1239												1958 --- 2052 TAPPOS 2301 2302 PWS/RH 2312 --- 0020 TAPPOS												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	15 [DA] 0700 - 1310 25 [DAR] 0700 - 1310												0535 14 [D]												
	10												10												
	40												0050 63 [D] 0550												
	60												60												
32 DSN COVERAGE	1520 35 [D] 2145												40												
S/C 32 INITIAL CONDITIONS RTLT: 29h 50m 44s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: AC ON	1200 RTLT 29h 50m 42s												0000 RTLT 29h 50m 40s												
	COMMAND MORATORIUM --- 1225																								
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 @ 2300 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
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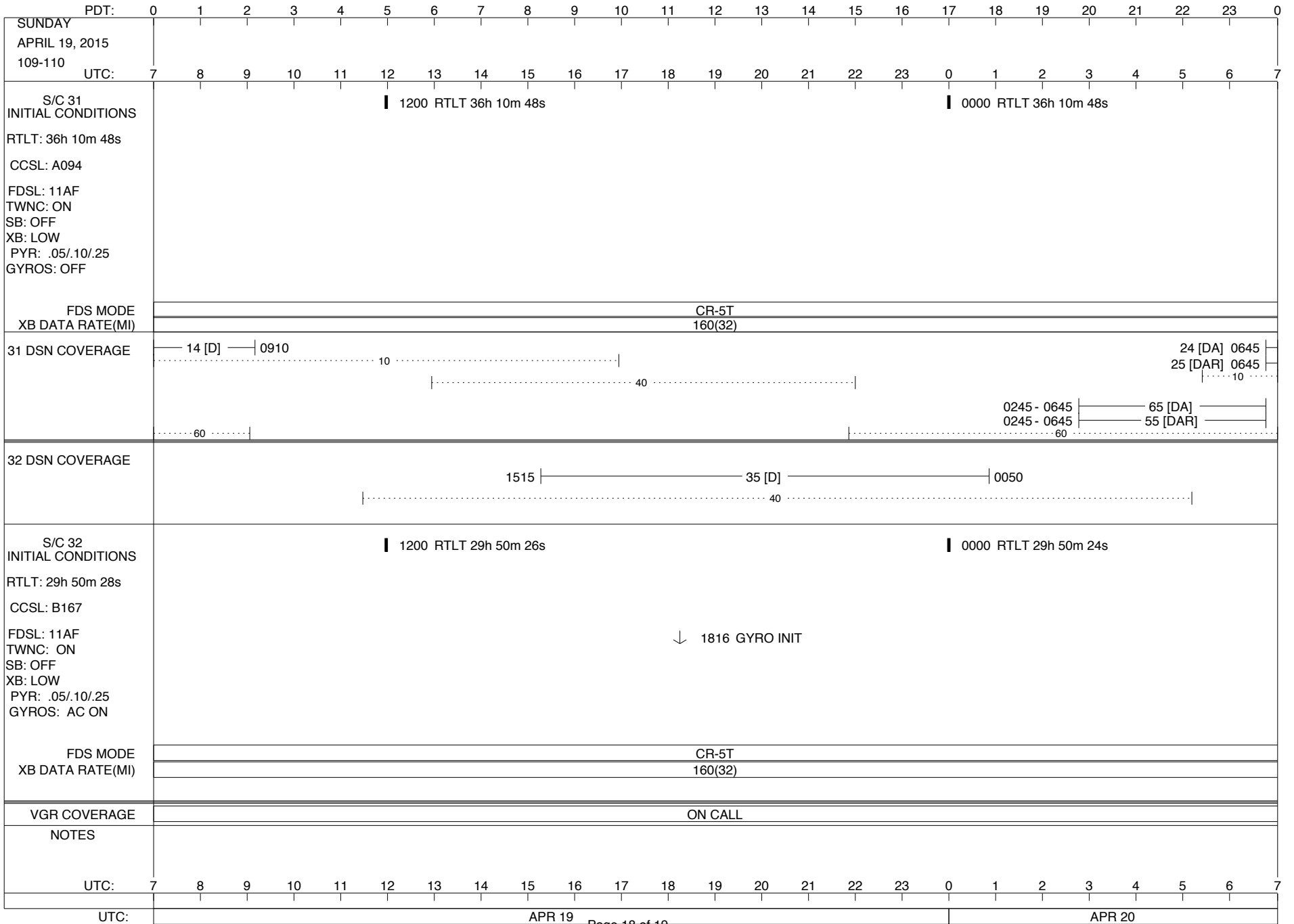
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S/C 31 INITIAL CONDITIONS RTLTL: 36h 10m 48s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 36h 10m 48s												0000 RTLTL 36h 10m 48s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	14 [D] 0705 - 1325														0530 14 [D]											
 10 40															
 60 60													
	0215 65 [DA] 0540												0215 55 [DAR] 0540													
32 DSN COVERAGE	1130 43 [o] 1330												1515 35 [D] 0045													
 40 40													
S/C 32 INITIAL CONDITIONS RTLTL: 29h 50m 34s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: AC ON	1200 RTLTL 29h 50m 32s												0000 RTLTL 29h 50m 28s													
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 @ 0200 XB=2.8K(41) NOT RECOVERABLE																									
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UTC:	APR 18													APR 19												

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