

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: April 2, 2014

For the Period: 04/03/14 to 04/21/21 (14-093 – 14-111)

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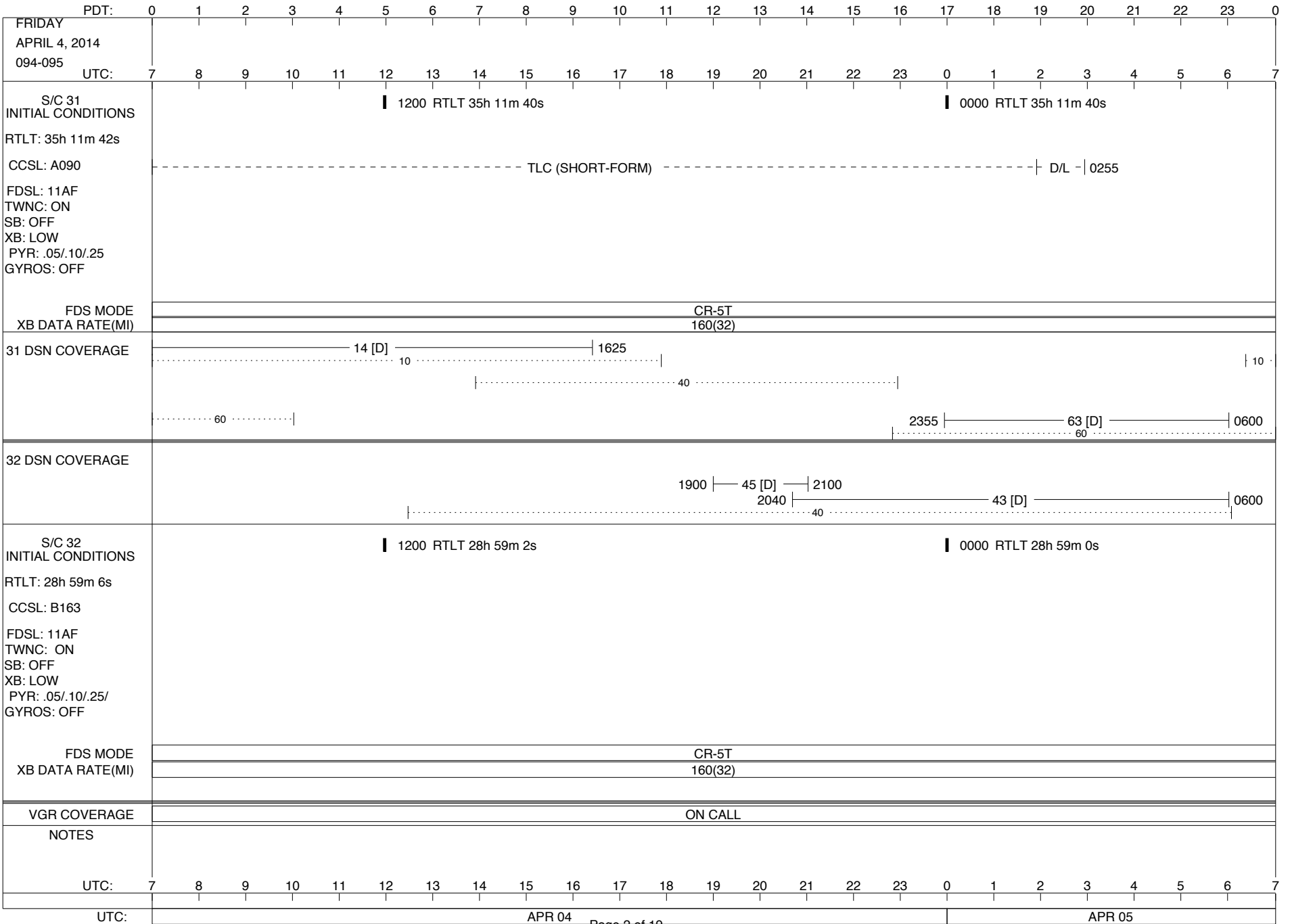
LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U =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

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

ISSUE DATE: 04/11/14 17:02

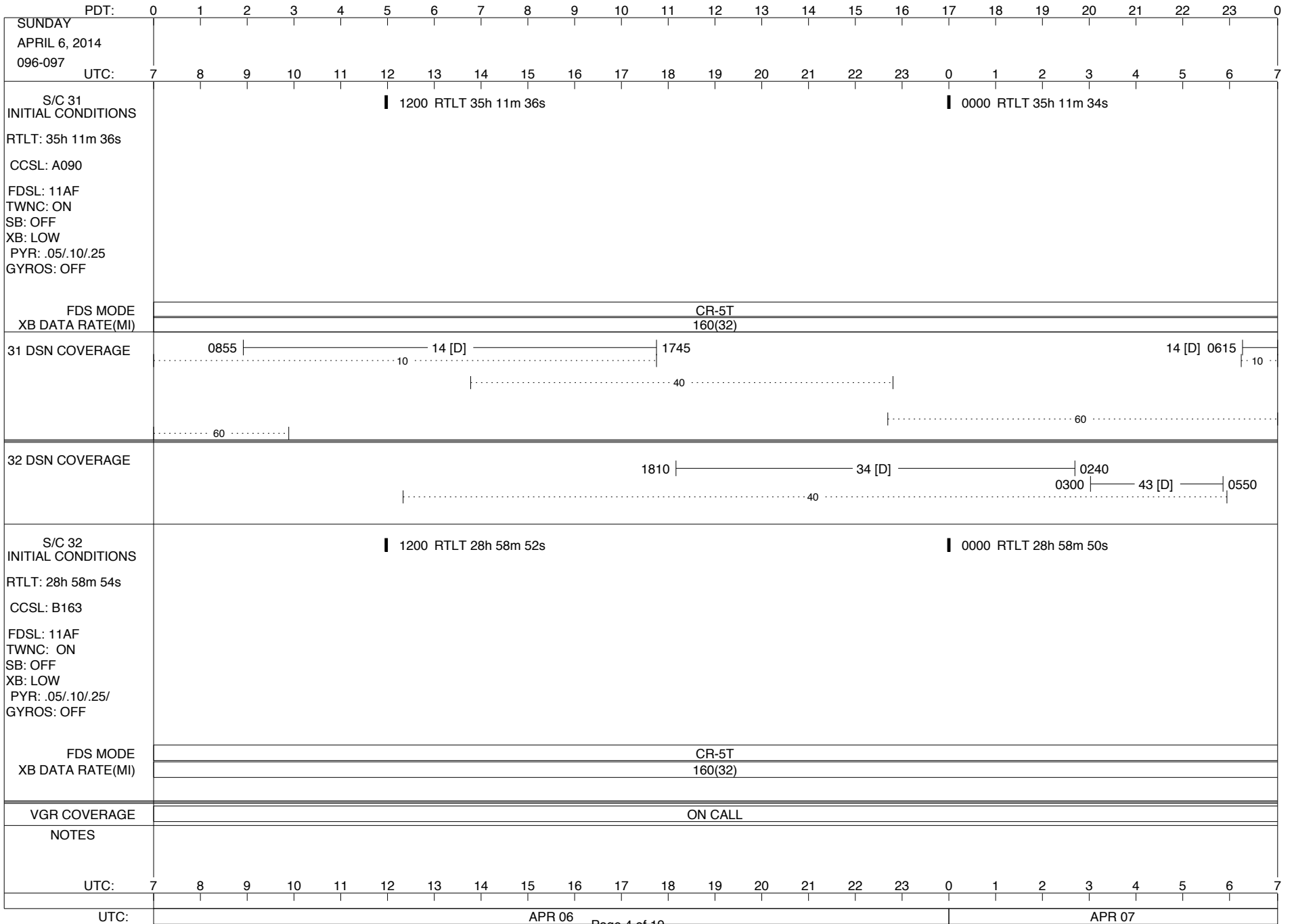
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S/C 31 INITIAL CONDITIONS RTLT: 35h 11m 44s CCSL: A090 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 11m 44s												0000 RTLT 35h 11m 42s															
	▼ 1320 DUMMY (00:32)												U/L 1415 - ----- TLC (SHORT-FORM) -----															
													2105 2118 TAPPOS															
													0007 0008 PWS/RH 0019 - 0045 TAPPOS															
													↓ 0006 GS-4B 0008															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	14 [T] ----- 1445												14 [D] 0625 10															
 10 40															
 60 60															
32 DSN COVERAGE	1520 ----- 43 [B] ----- 2100											 40															
S/C 32 INITIAL CONDITIONS RTLT: 28h 59m 10s CCSL: B163 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 59m 8s												0000 RTLT 28h 59m 6s															
	▼ 1702 DUMMY (5 MIN BRACKETED 22:02)																											
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
VGR COVERAGE	ON CALL				VGR				ON CALL				VGR				ON CALL											
NOTES	[1] S/C 31=GS-4B @ 0006 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													

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SATURDAY APRIL 5, 2014 095-096	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: 35h 11m 40s CCSL: A090 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 35h 11m 38s												0000 RTLTL 35h 11m 36s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1230 ----- 14 [D] ----- 1745										----- 40 -----										10				
	----- 60 -----										0145 ----- 55 [DA] ----- 0600										0145 ----- 54 [DAR] ----- 0600				
32 DSN COVERAGE	----- 1545 ----- 43 [o] ----- 0010										----- 40 -----														
S/C 32 INITIAL CONDITIONS RTLTL: 28h 59m 0s CCSL: B163 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 28h 58m 58s												0000 RTLTL 28h 58m 54s												
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 @ 0306 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												

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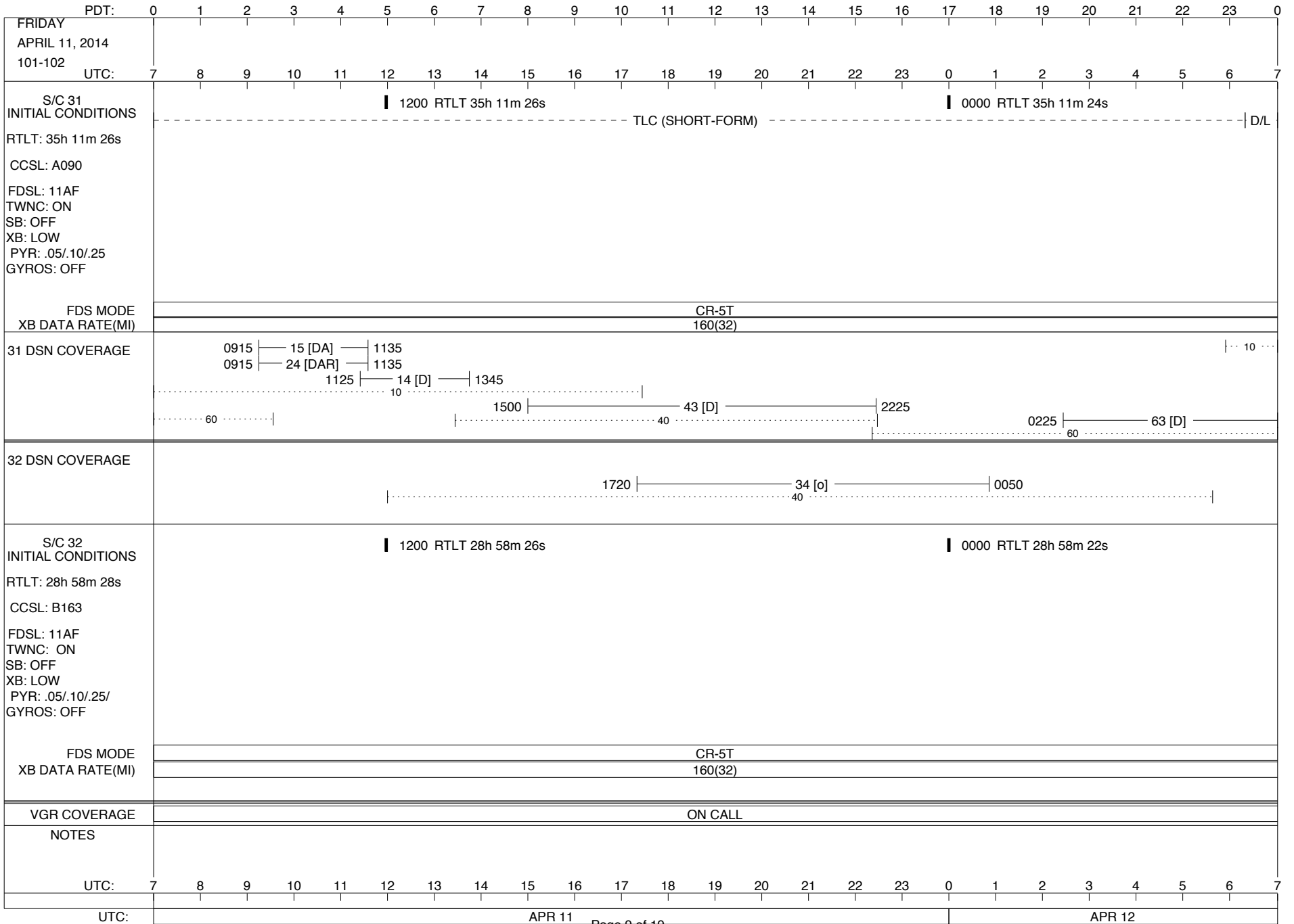
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MONDAY APRIL 7, 2014 097-098																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 35h 11m 34s CCSL: A090 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 35h 11m 34s															█ 0000 RTLT 35h 11m 32s				
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE								14 [D]						1625											10
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLTL: 28h 58m 50s CCSL: B163 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF						█ 1200 RTLT 28h 58m 46s																			
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
UTC:	APR 07													APR 08											

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WEDNESDAY																													
APRIL 9, 2014																													
099-100																													
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 35h 11m 30s														0000 RTLT 35h 11m 28s													
RTLT: 35h 11m 30s		▼ 0710 DUMMY (18:21)																											
CCSL: A090		▼ 0717 EL-40 (18:29)																											
FDSL: 11AF		▼ 0739 CCSL A091 (18:50)																											
TWNC: ON		▼ 0839 MEMUPD - ECR 112872 (19:50)																											
SB: OFF		▼ 0847 TLMPRG (19:58)																											
XB: LOW		▼ 0910 AHELI2 & ECR 112872 SID MRO'S CR-5T (20:22)																											
PYR: .05/.10/.25																													
GYROS: OFF																													
FDS MODE		CR-5T																											
XB DATA RATE(MI)		160(32)																											
31 DSN COVERAGE																													
32 DSN COVERAGE																													
S/C 32 INITIAL CONDITIONS		1200 RTLT 28h 58m 36s														0000 RTLT 28h 58m 34s													
RTLT: 28h 58m 38s		▼ 2052 DUMMY (5 MIN BRACKETED 01:51)																											
CCSL: B163																													
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		VGR							ON CALL							VGR							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 09														APR 10													

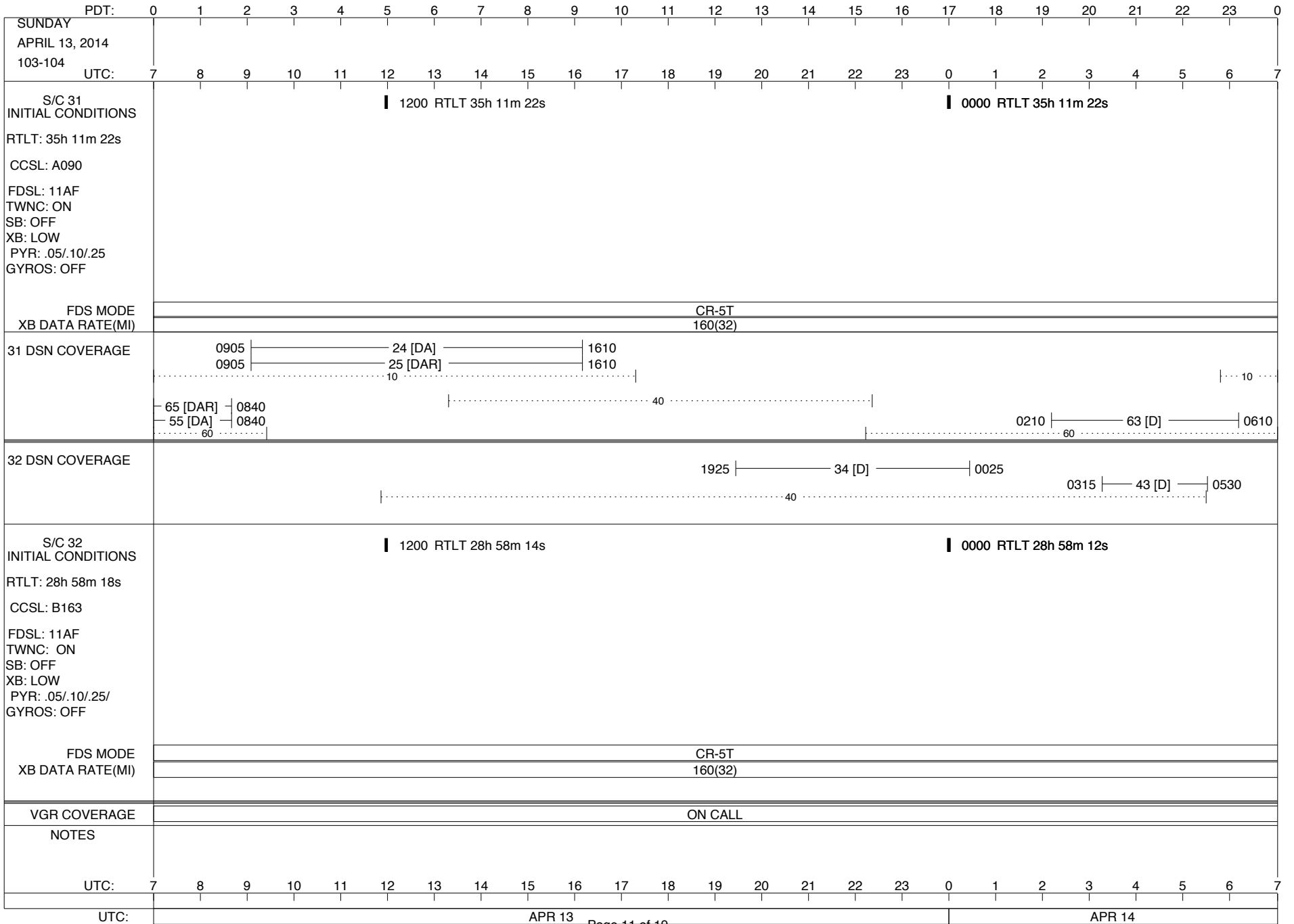
ISSUE DATE: 04/11/14 17:02



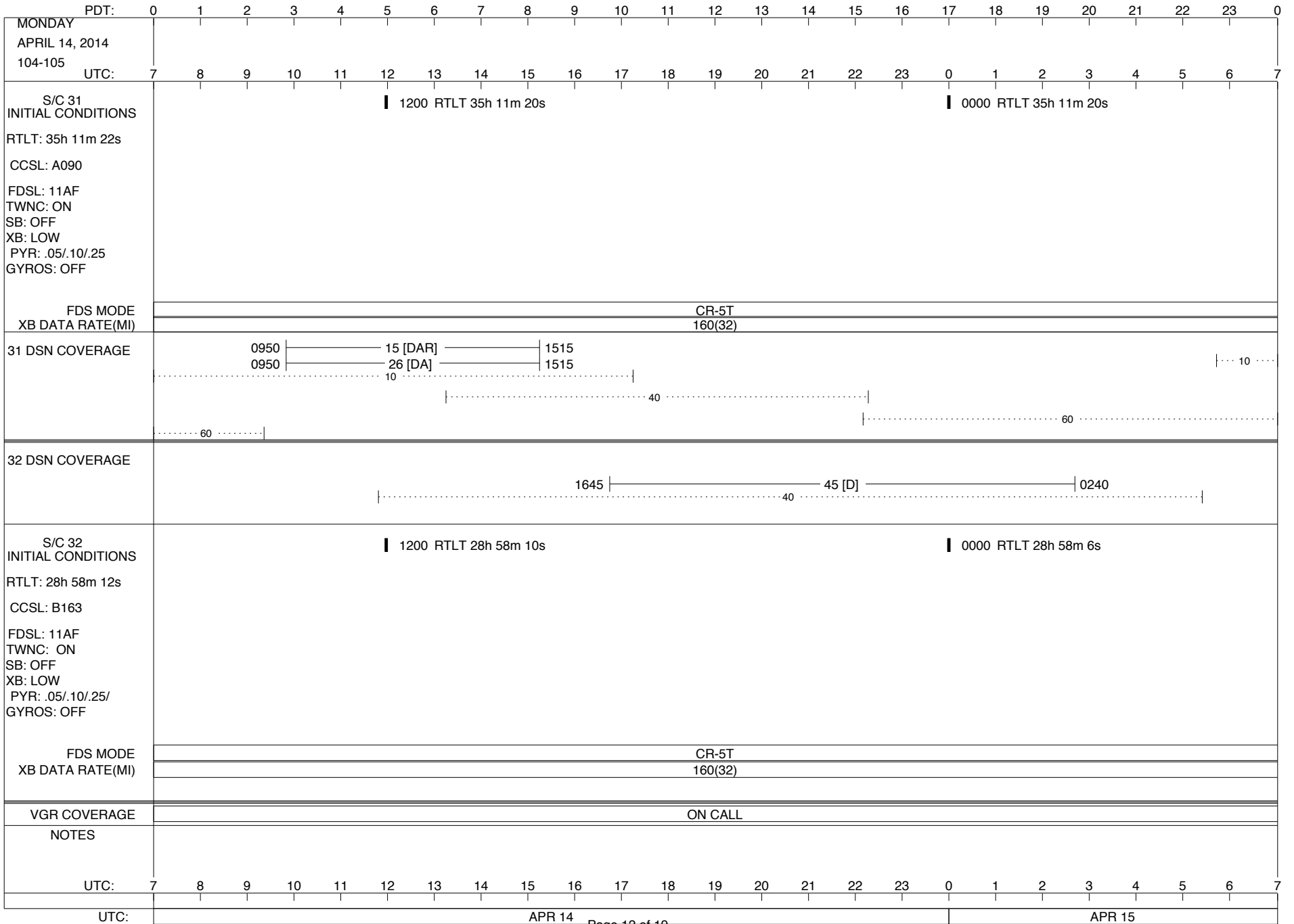
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SATURDAY APRIL 12, 2014 102-103	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 35h 11m 24s CCSL: A090 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 11m 24s												0000 RTLT 35h 11m 22s												
	0719 D/L												2341 - - 0021 TAPPOS 0242 0244 PWS/RH 0255 - - - 0349 TAPPOS												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE 10 40												
 60 0955											 60 0330 65 [DAR] 55 [DA]												
32 DSN COVERAGE	1205 43 [D] 1735												2350 43 [D] 0505												
S/C 32 INITIAL CONDITIONS RTLT: 28h 58m 22s CCSL: B163 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 58m 20s												0000 RTLT 28h 58m 18s												
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 @ 0242 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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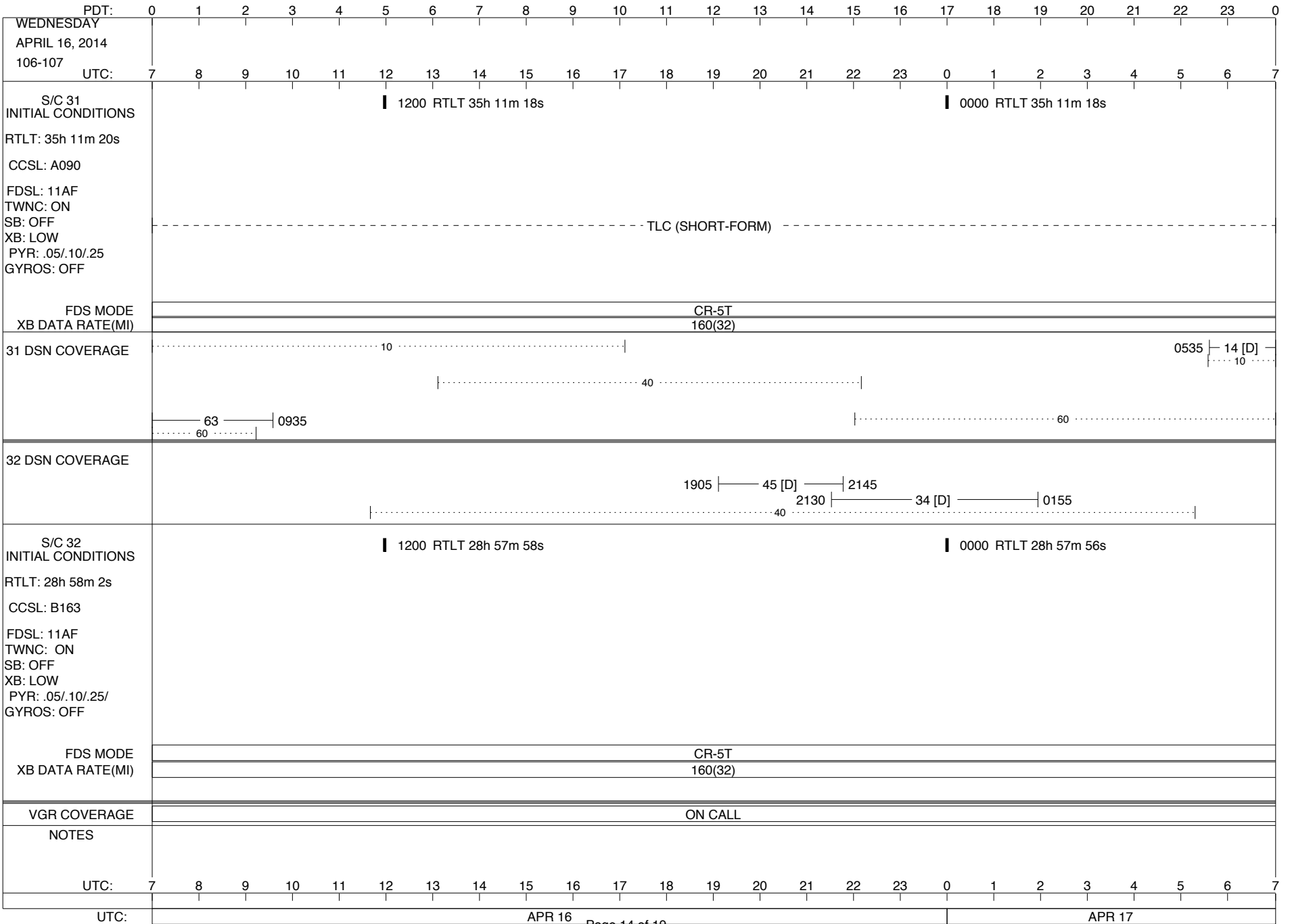
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ISSUE DATE: 04/11/14 17:02

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 15, 2014 105-106																									
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: 35h 11m 20s CCSL: A090 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 11m 20s												0000 RTLT 35h 11m 20s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	14 [D] ----- 0710 - 1640 10 -----												----- 40 ----- 2245 ----- 63 60 -----												
32 DSN COVERAGE	1935 ----- 34 [D] ----- 2135 2115 ----- 45 [D] ----- 0240 40 -----																								
S/C 32 INITIAL CONDITIONS RTLT: 28h 58m 6s CCSL: B163 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 58m 4s												0000 RTLT 28h 58m 2s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL												VGR ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1705 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 15												APR 16												

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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
SATURDAY APRIL 19, 2014 109-110	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: 35h 11m 16s CCSL: A090 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 11m 16s												0000 RTLT 35h 11m 16s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	14 [D] 0700 - 1215 10												2317 ---- 0011 TAPPOS 0218 0220 PWS/RH 0231 ----- 0338 TAPPOS ↓ 0218 GS-4B 0220												
32 DSN COVERAGE	0720 63 [D] 60												1805 34 [D] 1930 1910 ----- 43 [D] 0210 40												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 57m 46s CCSL: B163 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 57m 42s												0000 RTLT 28h 57m 40s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0218 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 19												APR 20												

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
SUNDAY APRIL 20, 2014 110-111	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: 35h 11m 16s CCSL: A090 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 11m 16s												0000 RTLT 35h 11m 16s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	14 [D] 0730-1430												0520 14 [D]												
	10												10												
	60												60												
32 DSN COVERAGE	1715 45 [D] 1900												1845 43 [D] 0500												
	40												40												
S/C 32 INITIAL CONDITIONS RTLT: 28h 57m 40s CCSL: B163 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 57m 38s												0000 RTLT 28h 57m 34s												
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 20												APR 21												

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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		
MONDAY APRIL 21, 2014 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 RTLT: 35h 11m 16s CCSL: A090 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 35h 11m 16s</p> </div>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<div style="text-align: center;"> <p>14 [D] 1440</p> <p>..... 10 40 </p> <p>..... 60 </p> </div>																										
32 DSN COVERAGE	<div style="text-align: center;"> <p>1140 43 [B] 1730</p> </div>																										
S/C 32 INITIAL CONDITIONS RTLT: 28h 57m 34s CCSL: B163 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	<div style="text-align: center;"> <p>1200 RTLT 28h 57m 32s</p> <p>▼ 1432 DUMMY (5 MIN BRACKETED 19:30)</p> </div>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
VGR COVERAGE	ON CALL							VGR							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 21													APR 22													