

# VOYAGER

## Space Flight Operations Schedule (SFOS)

Issue Date: April 15, 2015

For the Period: 04/16/15 to 05/04/15 (15-106 – 15-124)

**DSN OPSCHIEF (1) 230-102**

**DSOT (1) 230-102**

\*Zsarina.Bulchand@jpl.nasa.gov  
 \*gdyke@airmail.ftops.jpl.nasa.gov  
 \*John.M.Grant@jpl.nasa.gov  
 \*dmcclena@airmail.ftops.jpl.nasa.gov  
 \*pquach@airmail.ftops.jpl.nasa.gov  
 \*mrobles@airmail.ftops.jpl.nasa.gov  
 \*rwilliam@airmail.ftops.jpl.nasa.gov

**OTHER**

\* KMassej@jgld.gdscc.nasa.gov  
 \* Belinda.Arroyo@jpl.nasa.gov  
 \*DL-DSSN-MPSETA@dsn.nasa.gov

**SCIENCE**

CRS \*bryant@mail630.gsfc.nasa.gov  
 LECP \*r.decker@jhuapl.edu  
 UVS \*holburg@argus.lpl.arizona.edu  
 MAG \*u2mha@lepvox.gsfc.nasa.gov  
 PLS \*vgr@space.mit.edu  
 PWS \*wsk@space.physics.uiowa.edu  
 \*Leonard.F.Burlaga@nasa.gov  
 \*Donald-Gurnett@uiowa.edu

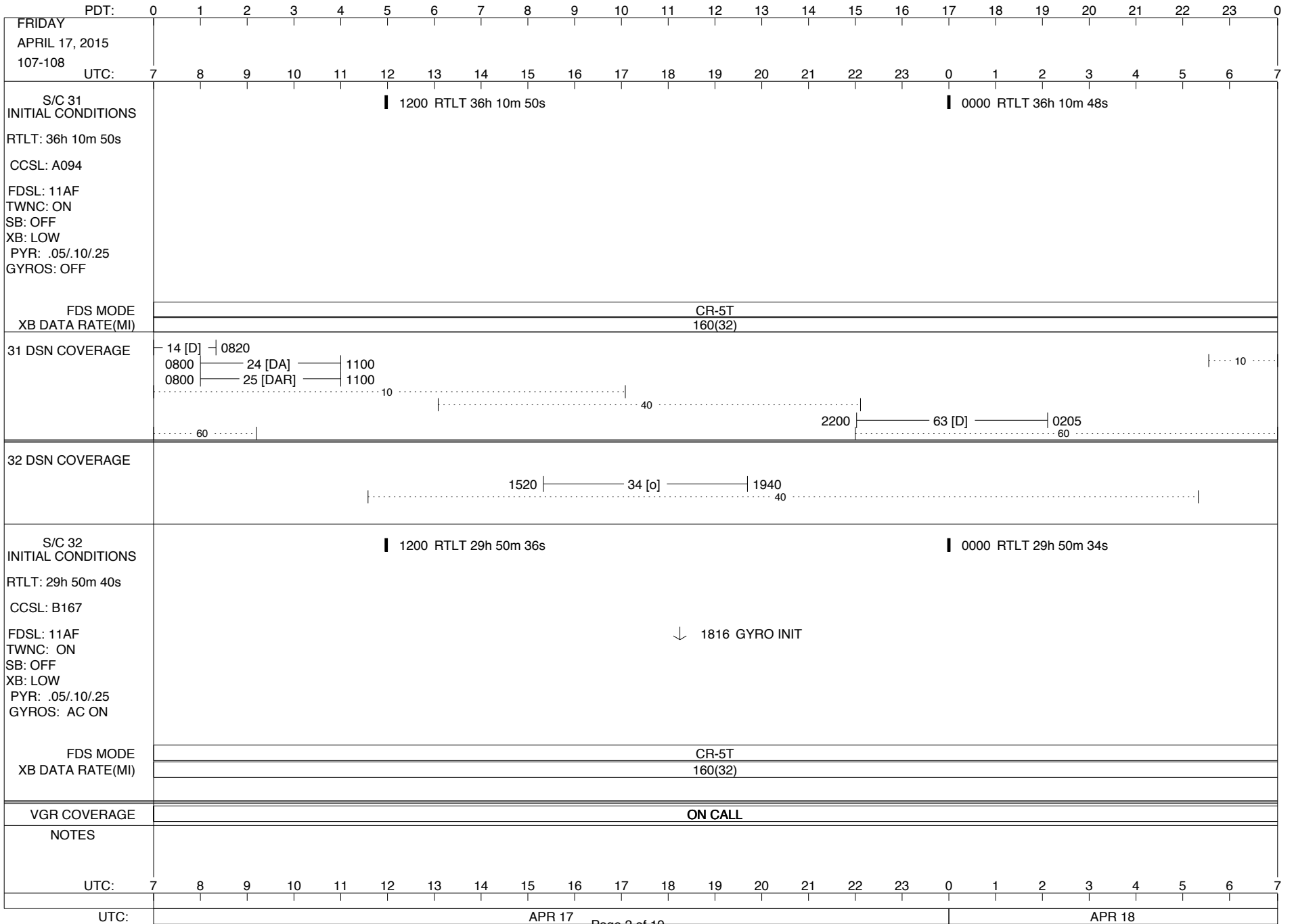
**FLIGHT TEAM (14) 600-100**

Dodd, S.  
 Hall, J.  
 Howard, S. (3)  
 Ludwig, R. (2)  
 Matsumoto, S.  
 Medina  
 Peralta, F.  
 Weeks, T.  
 Wong, R.  
 Yang, L.  
 Zottarelli, L.  
 \*odivers@san.rr.com

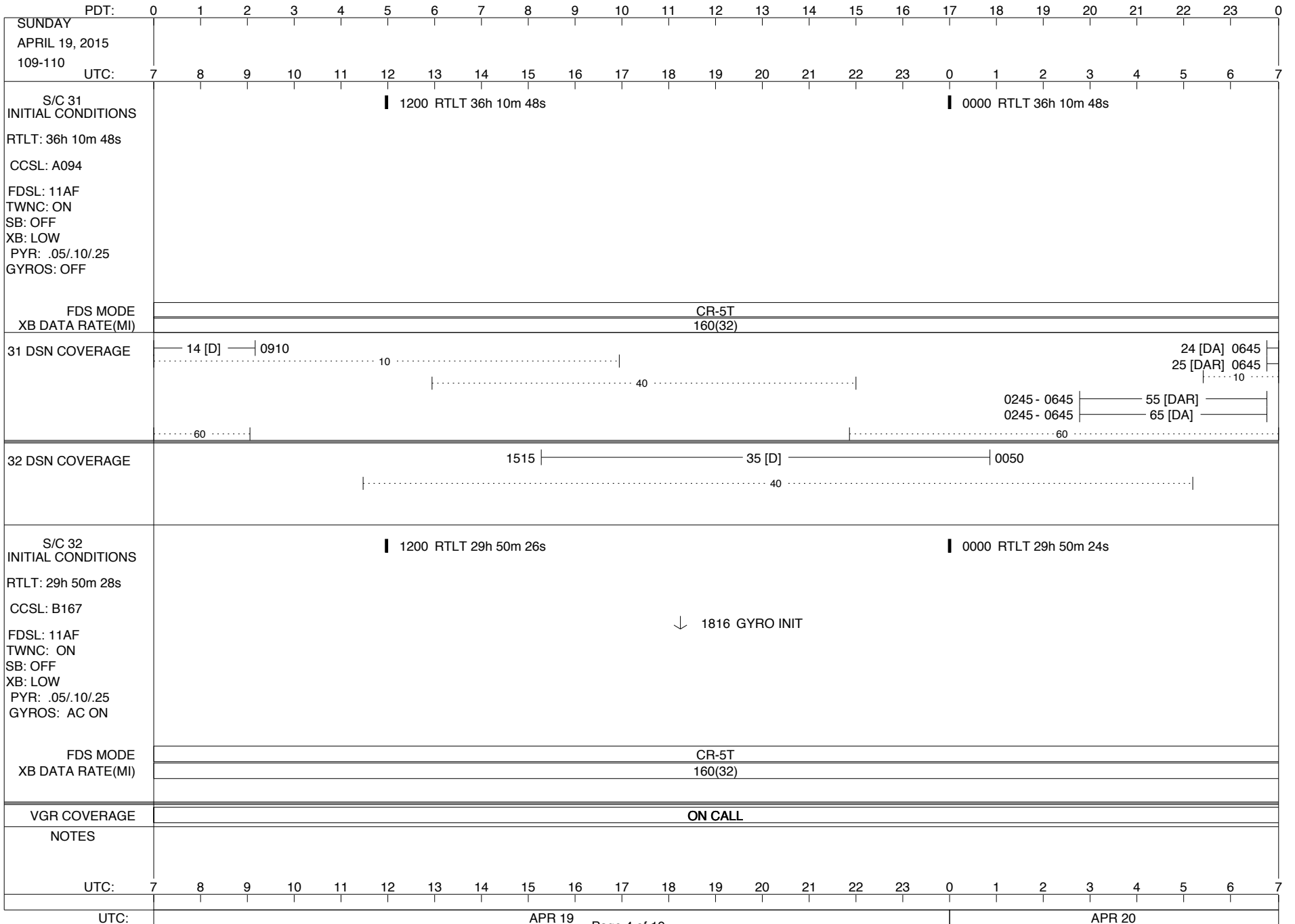
**LEGEND:**  
 ▽ = R/T Command (Last chance or Contingency)  
 ▼ = R/T Command (Scheduled)  
 \* = Result of R/T Command  
 n = (where n = 1,2,3 ..) Special Note, see bottom of page  
 A = Arrayed station  
 B = BLF  
 D = Downlink only pass  
 H = High Power Transmitter  
 R = Array Reference Antenna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

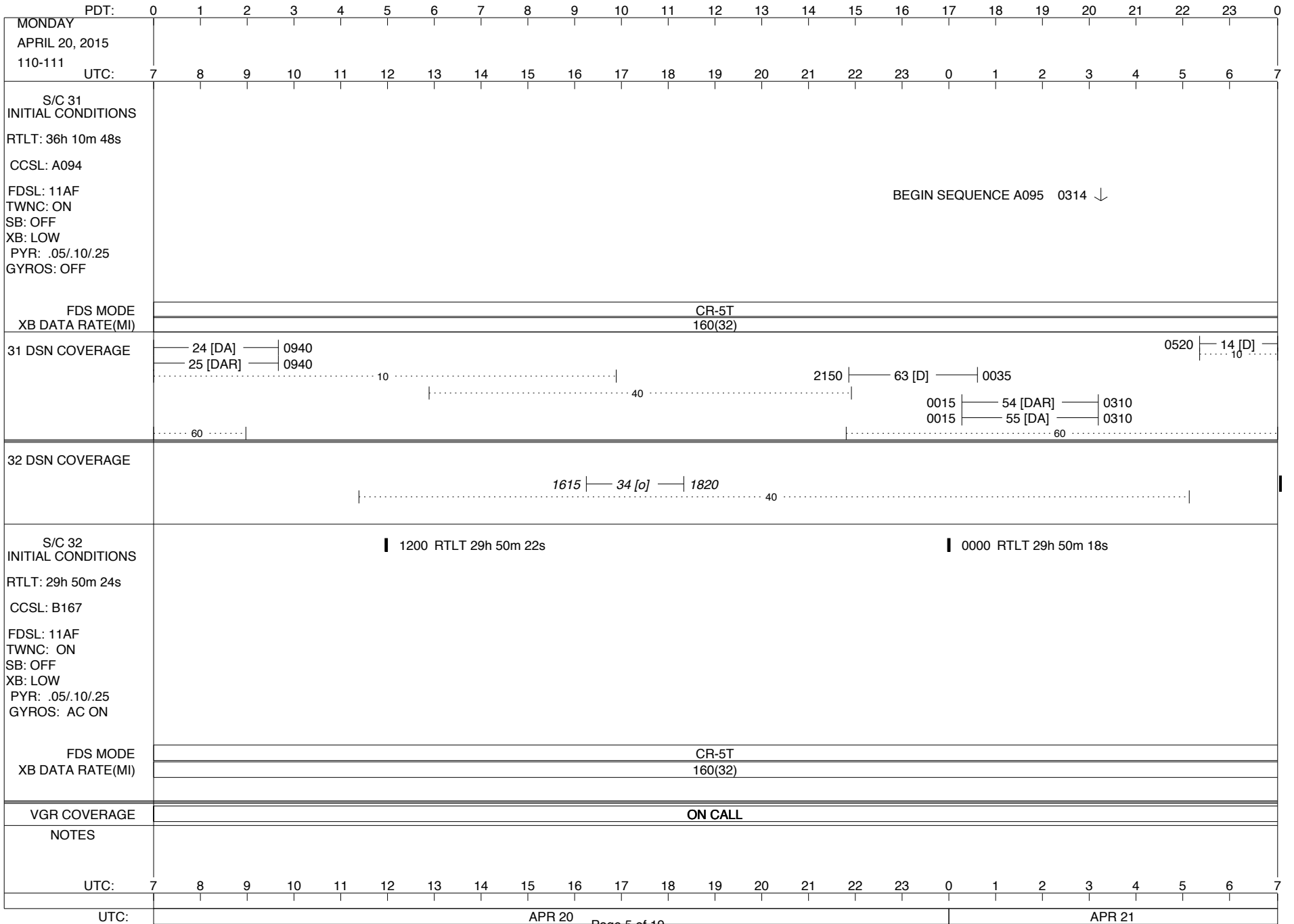
\*Electronic Copy Only  
 (16 – Dist/N: Paper Copies)  
 09/08/10

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THURSDAY APRIL 16, 2015 106-107																													
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													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)														CR-5T 160(32)													
31 DSN COVERAGE		<p>15 [DA] 1235 0535   14 [D]</p> <p>25 [DAR] 1235</p> <p>10</p> <p>40</p> <p>60</p> <p>0050   63 [D]   0550</p> <p>60</p>																											
32 DSN COVERAGE		<p>1520   35 [D]   2145</p> <p>40</p>																											
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													
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																											
VGR COVERAGE		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			
UTC:		APR 16														APR 17													



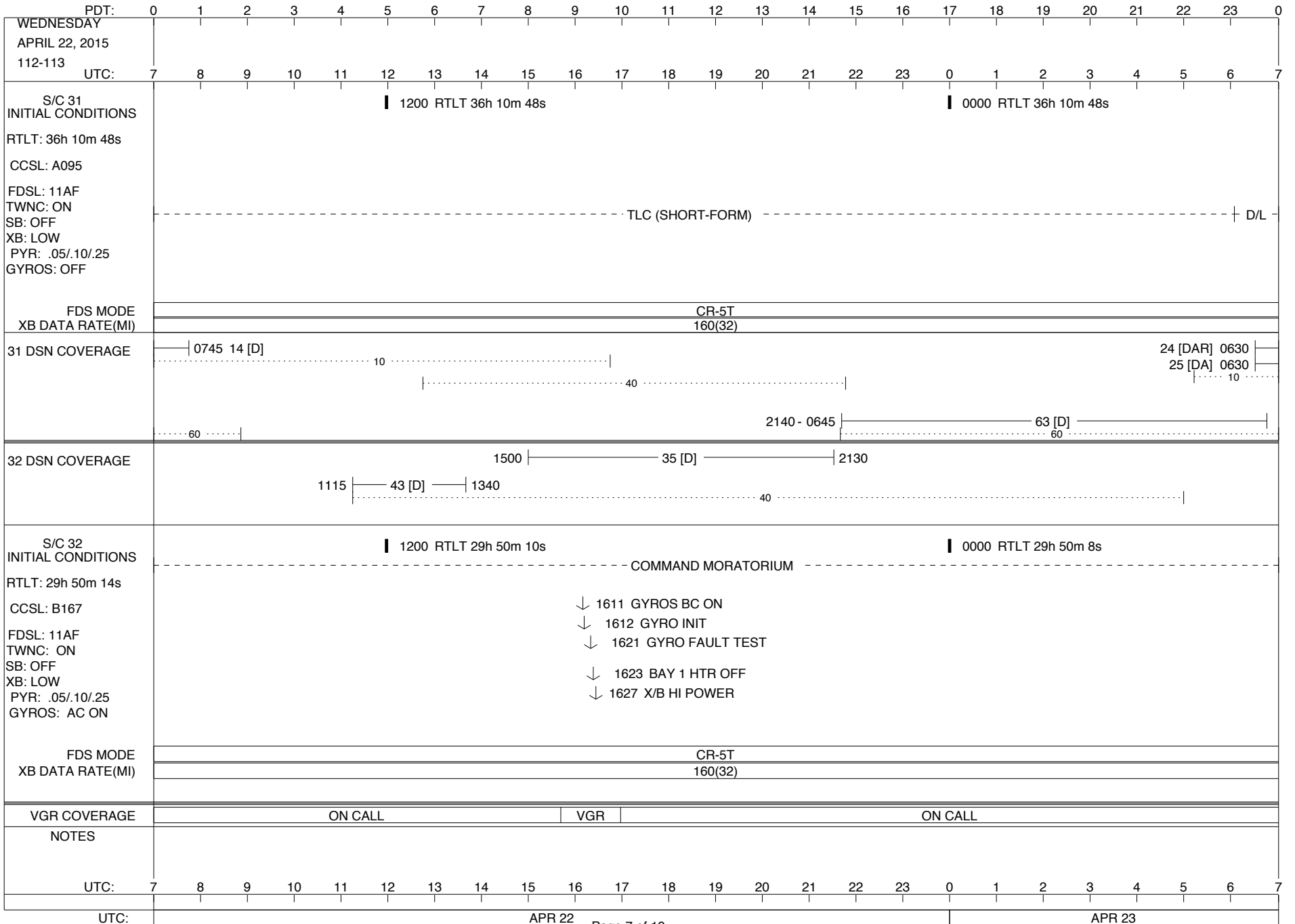
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SATURDAY APRIL 18, 2015 108-109	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 36h 10m 48s CCSL: A094 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 36h 10m 48s												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 .....												..... 10 .....												
	..... 40 .....												..... 40 .....												
	..... 60 .....												..... 60 .....												
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																								
NOTES	[1] S/C 31=GS-4B @ 0200 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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ISSUE DATE: 04/20/15 13:48

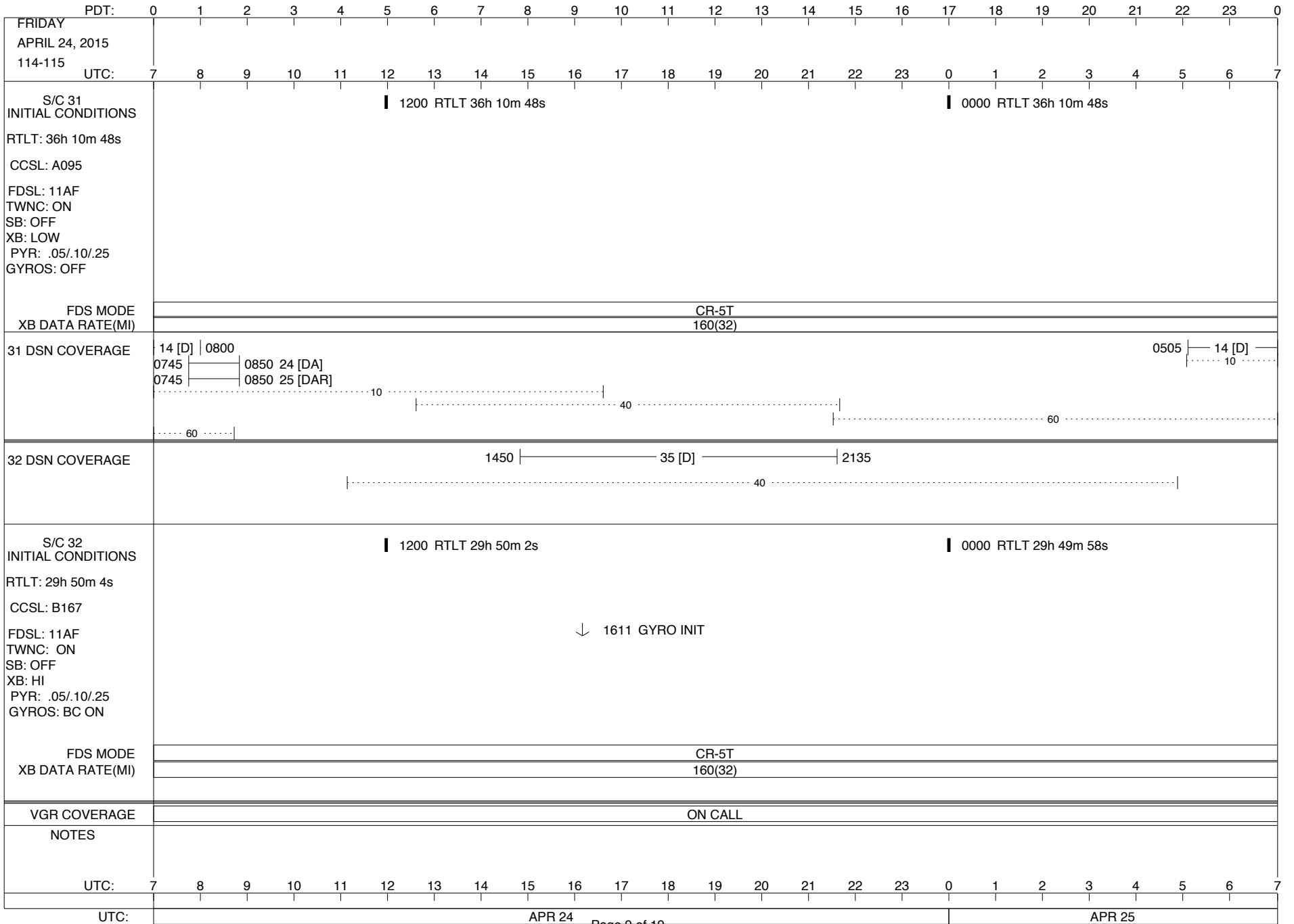




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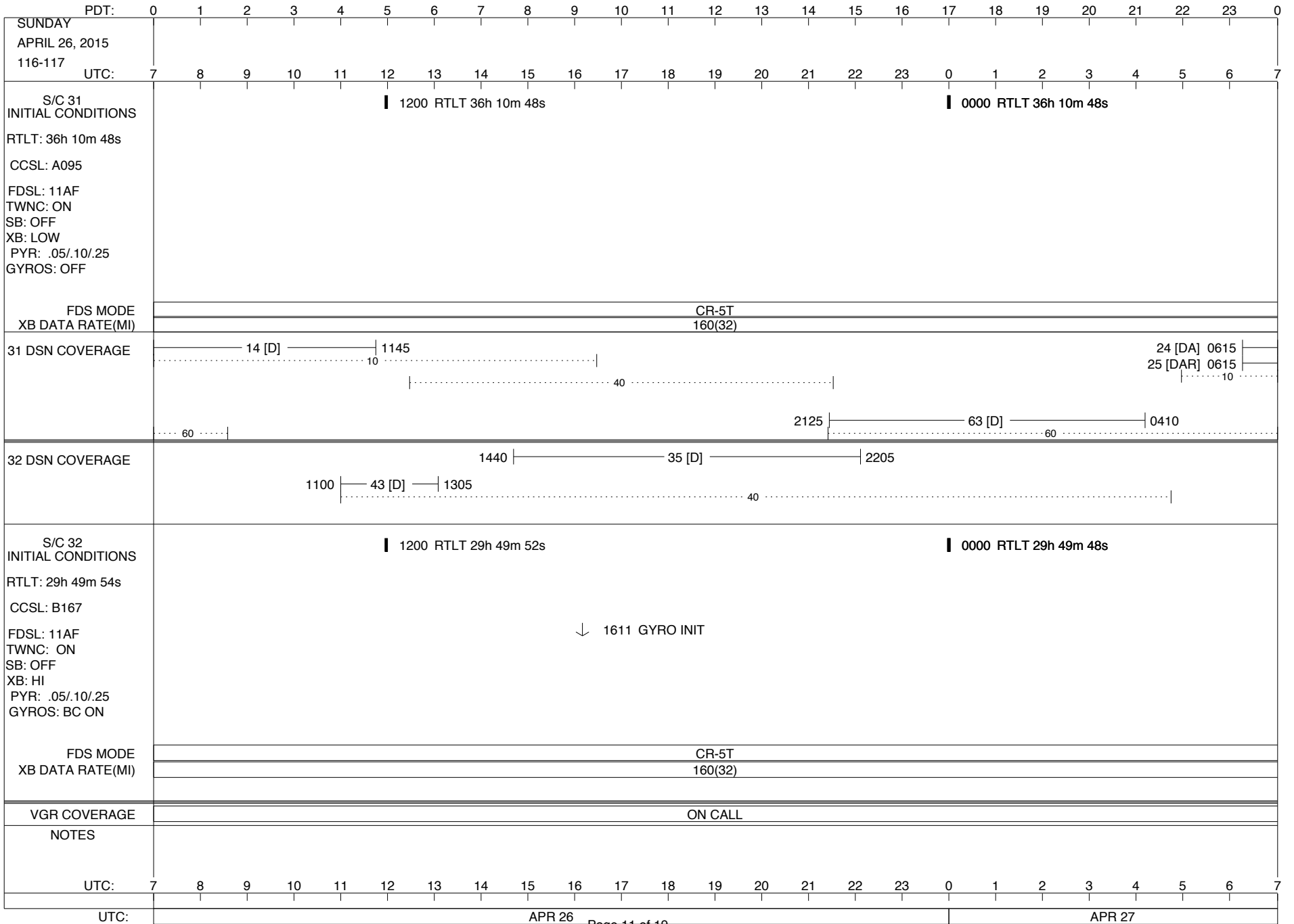
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S/C 31 INITIAL CONDITIONS RTLT: 36h 10m 48s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 10m 48s												0000 RTLT 36h 10m 48s												
0704 D/L													1934  -----  2042 TAPPOS 2237   2238 PWS/RH 2248   TAPPOS   0010												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	24 [DAR]   0905 25 [DA]   0905 .....10..... 1545   43 [D]   1745 40 .....2135..... 60.....												0515   14 [D]   .....10..... 63 [D]   0420 60.....												
32 DSN COVERAGE	1325   43 [o]   1455 1605  -----  2145 40																								
S/C 32 INITIAL CONDITIONS RTLT: 29h 50m 8s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLT 29h 50m 6s												0000 RTLT 29h 50m 4s												
1037 COMMAND MORATORIUM																									
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 @ 2237 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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ISSUE DATE: 04/20/15 13:48



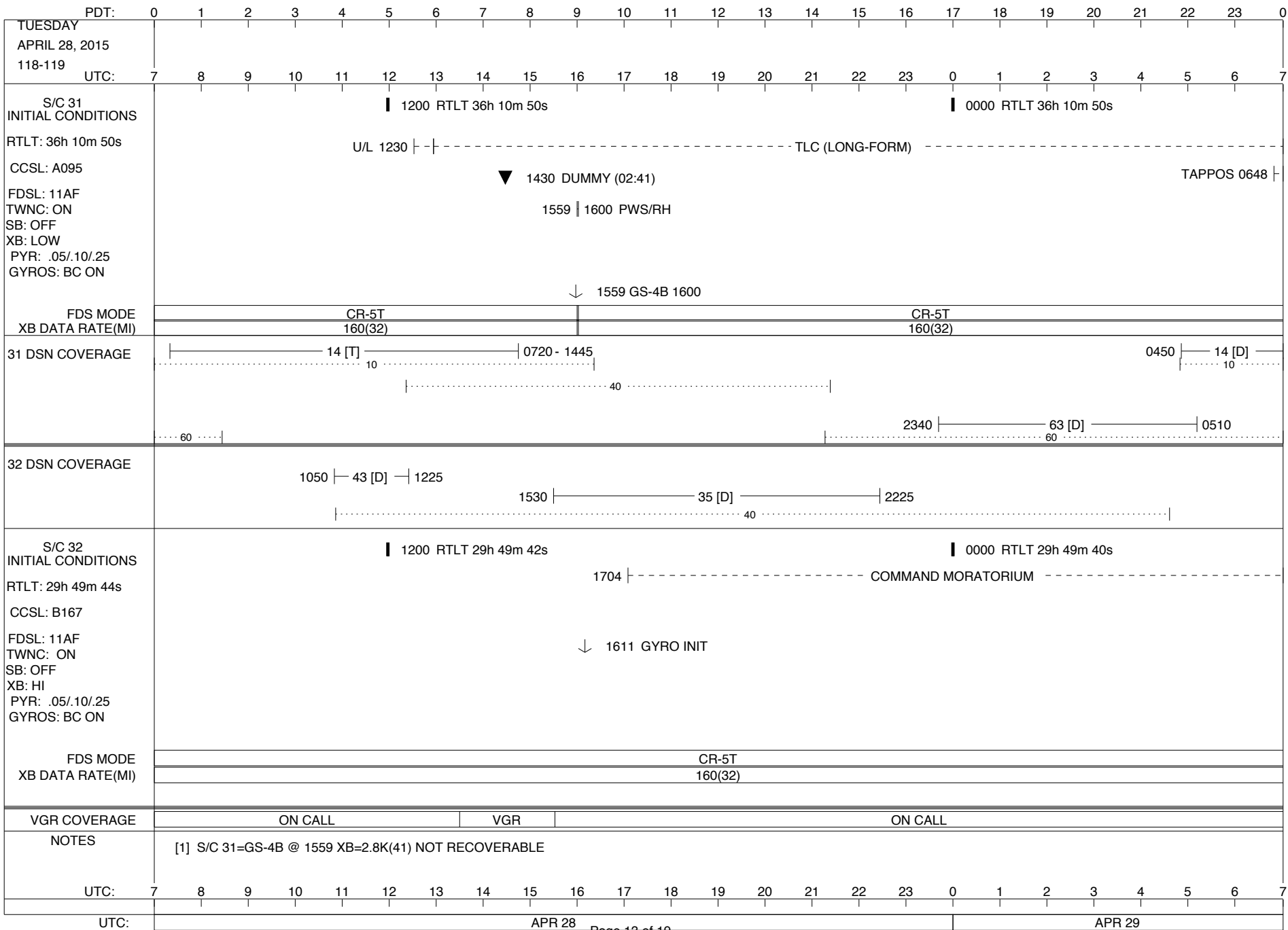
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SATURDAY APRIL 25, 2015 115-116	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 36h 10m 48s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 36h 10m 48s												0000 RTLTL 36h 10m 48s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D] 1450												0500 14 [D]												
32 DSN COVERAGE	1105 43 [o] 1505												2115 35 [D] 2300												
S/C 32 INITIAL CONDITIONS RTLTL: 29h 49m 58s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLTL 29h 49m 56s												0000 RTLTL 29h 49m 54s												
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 @ 0137 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 25												APR 26												

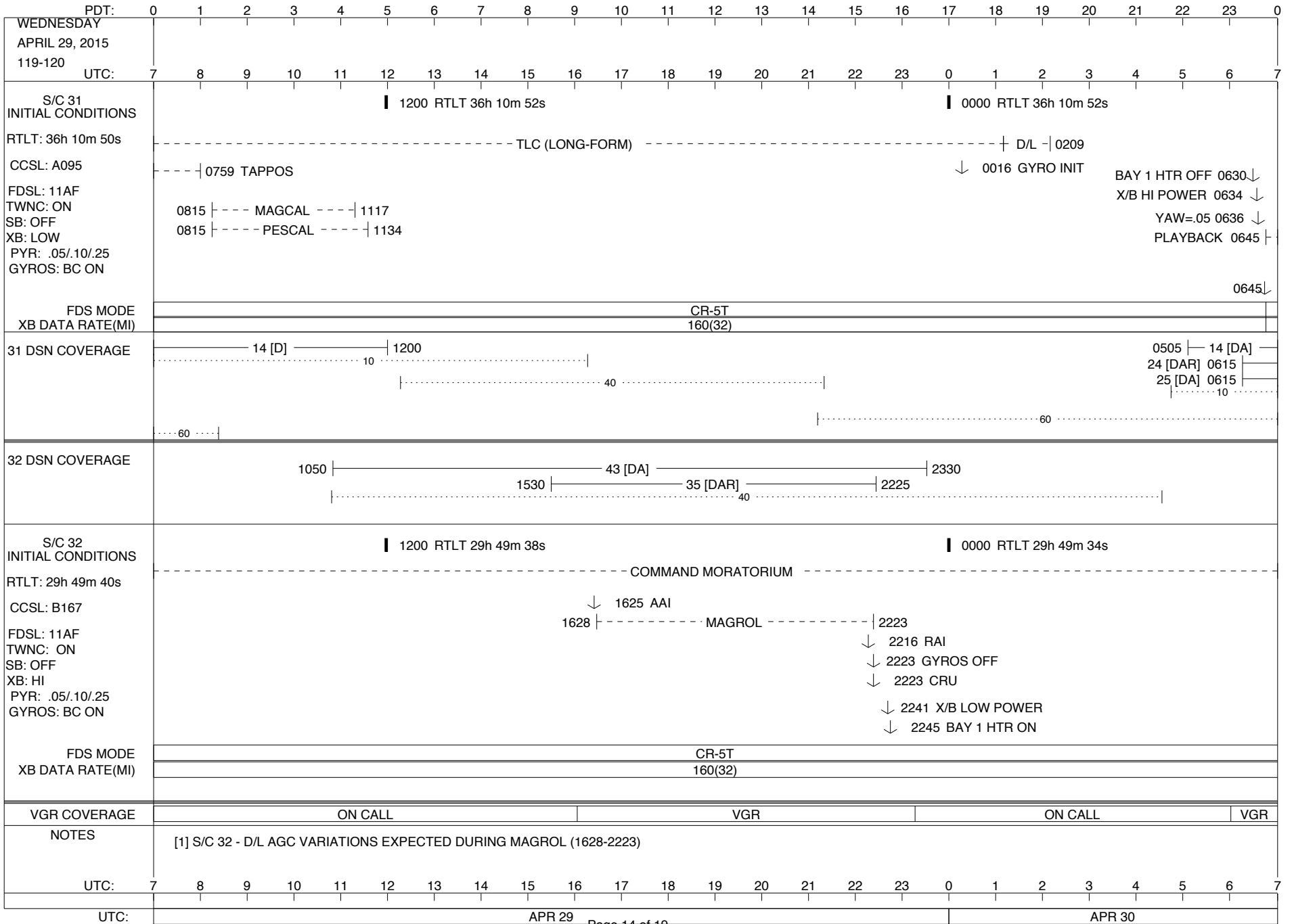
ISSUE DATE: 04/20/15 13:48



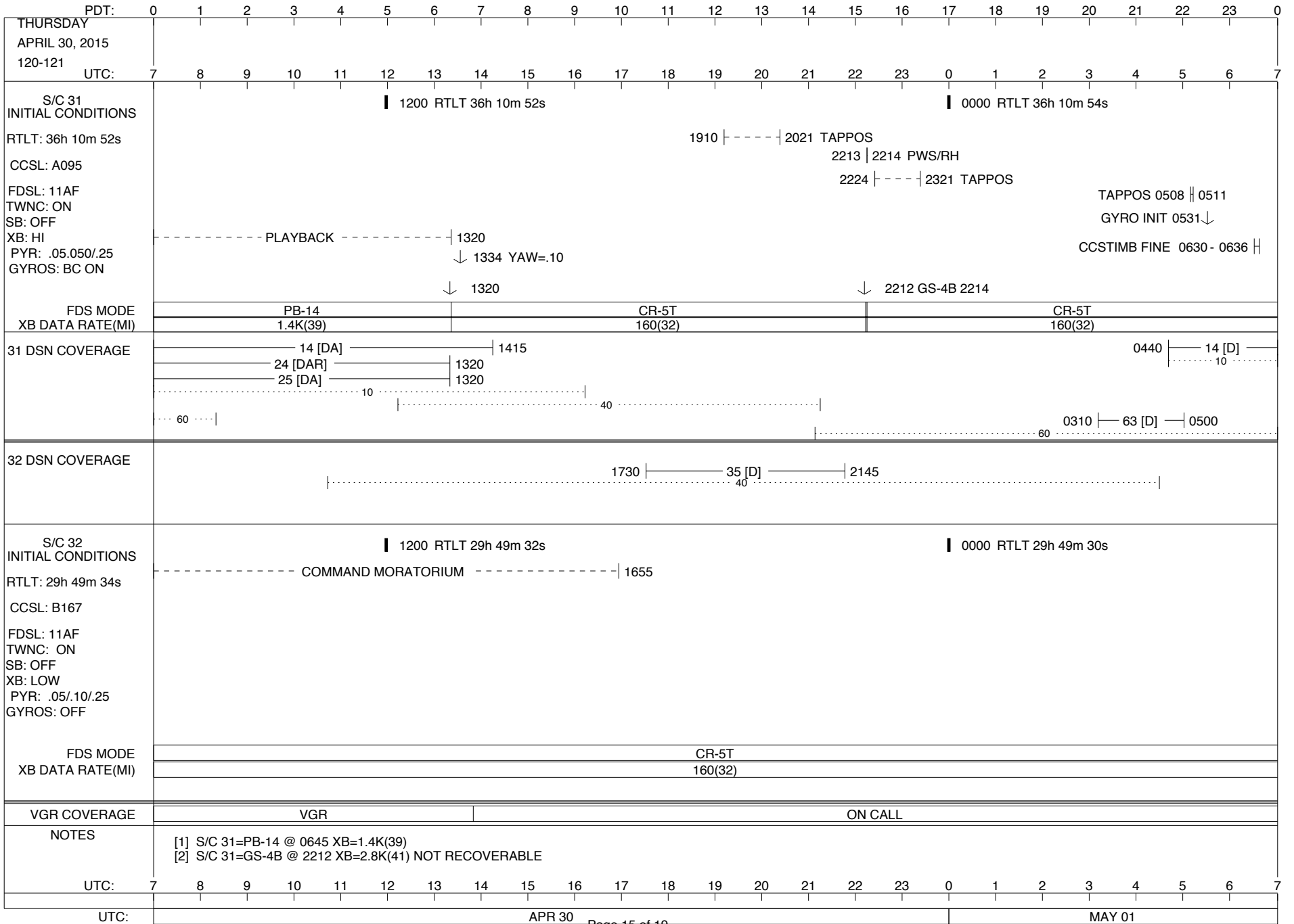
ISSUE DATE: 04/20/15 13:48

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 27, 2015 117-118																									
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S/C 31 INITIAL CONDITIONS RTLT: 36h 10m 48s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 10m 48s												0000 RTLT 36h 10m 50s												
FDS MODE	CR-5T												↓ 0016 GYROS BC ON ↓ 0016 GYRO INIT ↓ 0026 GYRO FAULT TEST												
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	24 [DA] 0850 25 [DAR] 0850 .....10.....  .....40.....  .....60.....												0000   63 [D]   0410 .....60.....												
32 DSN COVERAGE	1440   35 [D]   2200 .....40.....																								
S/C 32 INITIAL CONDITIONS RTLT: 29h 49m 48s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLT 29h 49m 46s												0000 RTLT 29h 49m 44s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	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 27												APR 28												

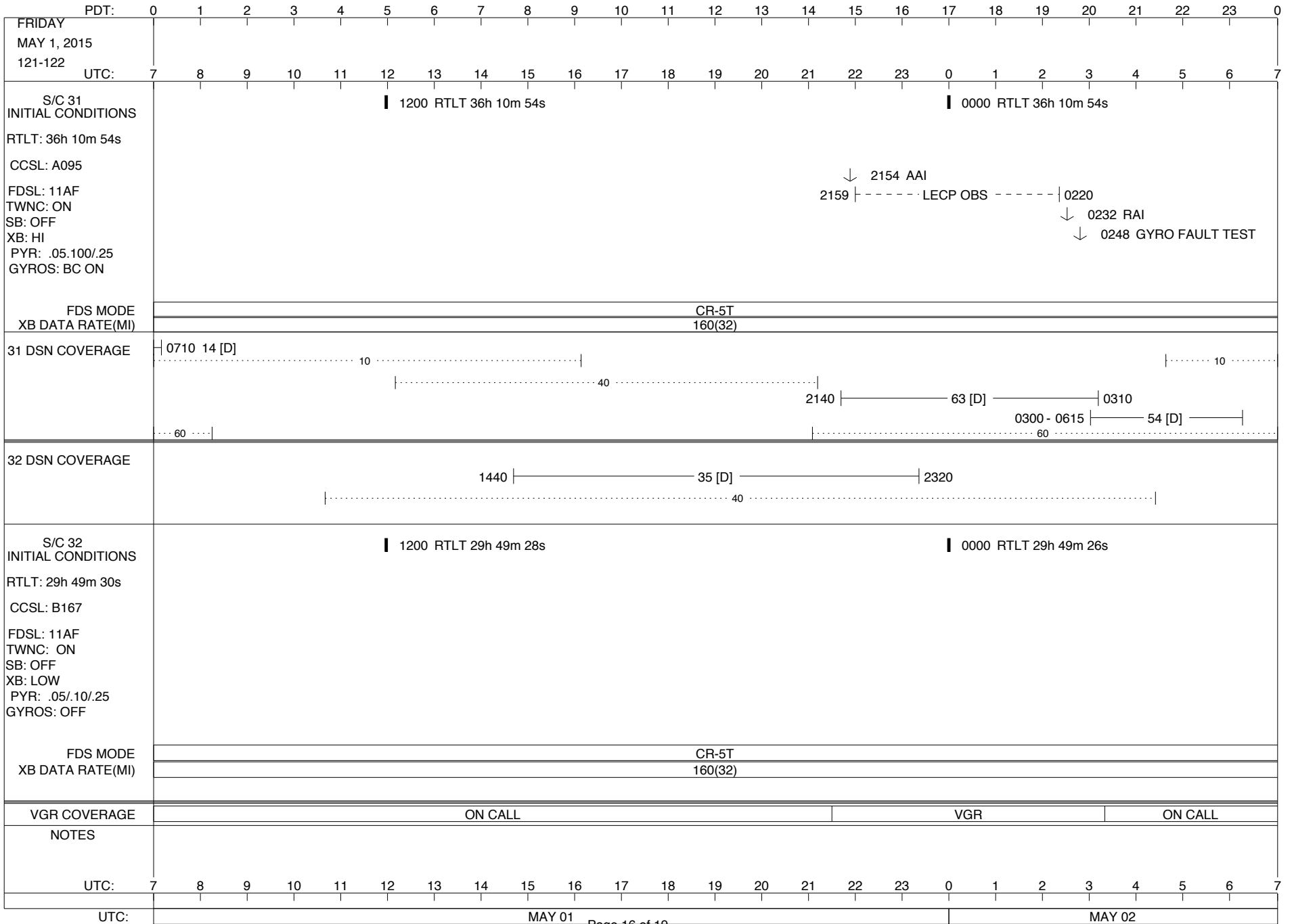




ISSUE DATE: 04/20/15 13:48







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 MAY 2, 2015 122-123	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 54s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05.100/.25 GYROS: BC ON	1200 RTLTL 36h 10m 56s												0000 RTLTL 36h 10m 56s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0830  ----- 14 [D] -----  1135										0435  ----- 14 [D] -----														
	.....60.....										.....60.....														
32 DSN COVERAGE	1120  ----- 43 [o] -----  2155																								
S/C 32 INITIAL CONDITIONS RTLTL: 29h 49m 26s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 29h 49m 24s												0000 RTLTL 29h 49m 22s												
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 @ 0112 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:	MAY 02												MAY 03												

ISSUE DATE: 04/20/15 13:48

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			
SUNDAY MAY 3, 2015 123-124																												
S/C 31 INITIAL CONDITIONS RTLT: 36h 10m 56s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/100/.25 GYROS: BC ON	1200 RTLT 36h 10m 58s														0000 RTLT 36h 10m 58s													
FDS MODE XB DATA RATE(MI)															CR-5T 160(32)													
31 DSN COVERAGE	<p>14 [D]   0835   ..... 10   ..... 40   ..... 2055   ..... 63 [D]   ..... 0520</p> <p>..... 60   ..... 60</p>																											
32 DSN COVERAGE	<p>1435   ..... 35 [D]   ..... 2135</p> <p>..... 40</p>																											
S/C 32 INITIAL CONDITIONS RTLT: 29h 49m 22s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	1200 RTLT 29h 49m 20s														0000 RTLT 29h 49m 18s													
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:	MAY 03														MAY 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		
MONDAY MAY 4, 2015 124-125																											
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 58s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05.100/.25 GYROS: BC ON	<div style="text-align: center;"> <span style="font-size: 2em;">█</span> 1200 RTLT 36h 11m 0s         </div> <div style="text-align: right; margin-top: 20px;"> <span style="font-size: 2em;">↓</span> 2339 AAI         </div>																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<div style="text-align: center;"> <span style="font-size: 2em;"> </span> ..... 10 ..... <span style="font-size: 2em;"> </span>  <span style="font-size: 2em;"> </span> ..... 40 ..... <span style="font-size: 2em;"> </span>  <span style="font-size: 2em;"> </span> ..... 60 ..... <span style="font-size: 2em;"> </span> </div>																										
32 DSN COVERAGE	<div style="text-align: center;"> <span style="font-size: 2em;"> </span> 1215  -----  43 [oB]  -----  2140 <span style="font-size: 2em;"> </span> </div>																										
S/C 32 INITIAL CONDITIONS RTLT: 29h 49m 18s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<div style="text-align: center;"> <span style="font-size: 2em;">█</span> 1200 RTLT 29h 49m 16s         </div> <div style="text-align: center; margin-top: 20px;"> <span style="font-size: 2em;">▼</span> 1502 DUMMY (5 MIN BRACKETED 20:52)         </div>																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														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:	MAY 04													MAY 05													