

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: April 22, 2015

For the Period: 04/23/15 to 05/11/15 (15-114 – 15-131)

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

* KMassey@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

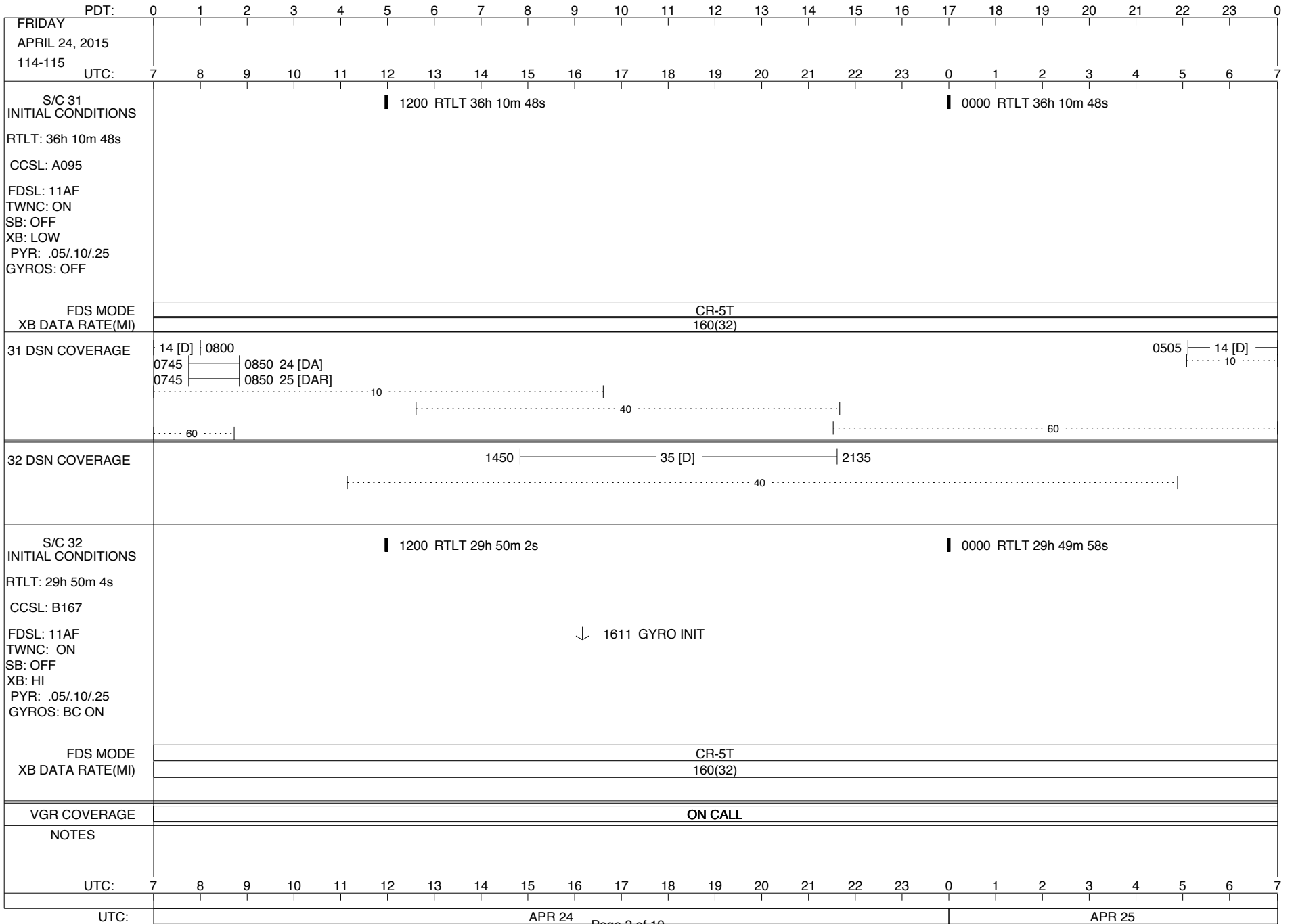
LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U =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

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

ISSUE DATE: 04/29/15 06:55

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 23, 2015 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: 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												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	24 [DAR] 0905 25 [DA] 090510..... 1545 43 [D] 174540.....60.....												2042 TAPPOS 2237 2238 PWS/RH 2248 TAPPOS 0010 ↓ 2237 GS-4B 2238 0515 14 [D] 10..... 2135 63 [D] 042060.....												
32 DSN COVERAGE	1325 43 [o] 14551605 45 [D] 214540.....																								
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												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	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
UTC:	APR 23												APR 24												

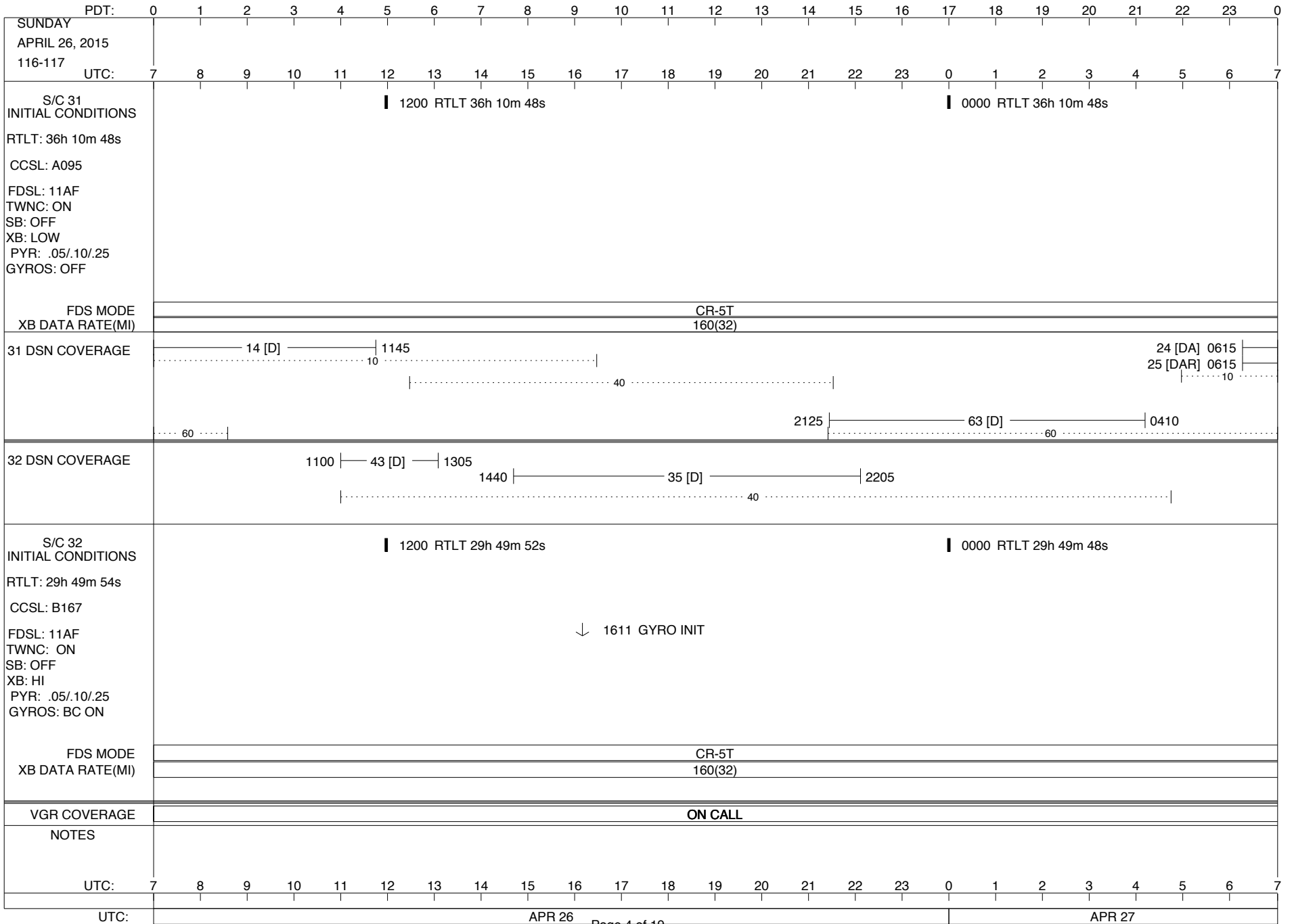
ISSUE DATE: 04/29/15 06:55



ISSUE DATE: 04/29/15 06:55

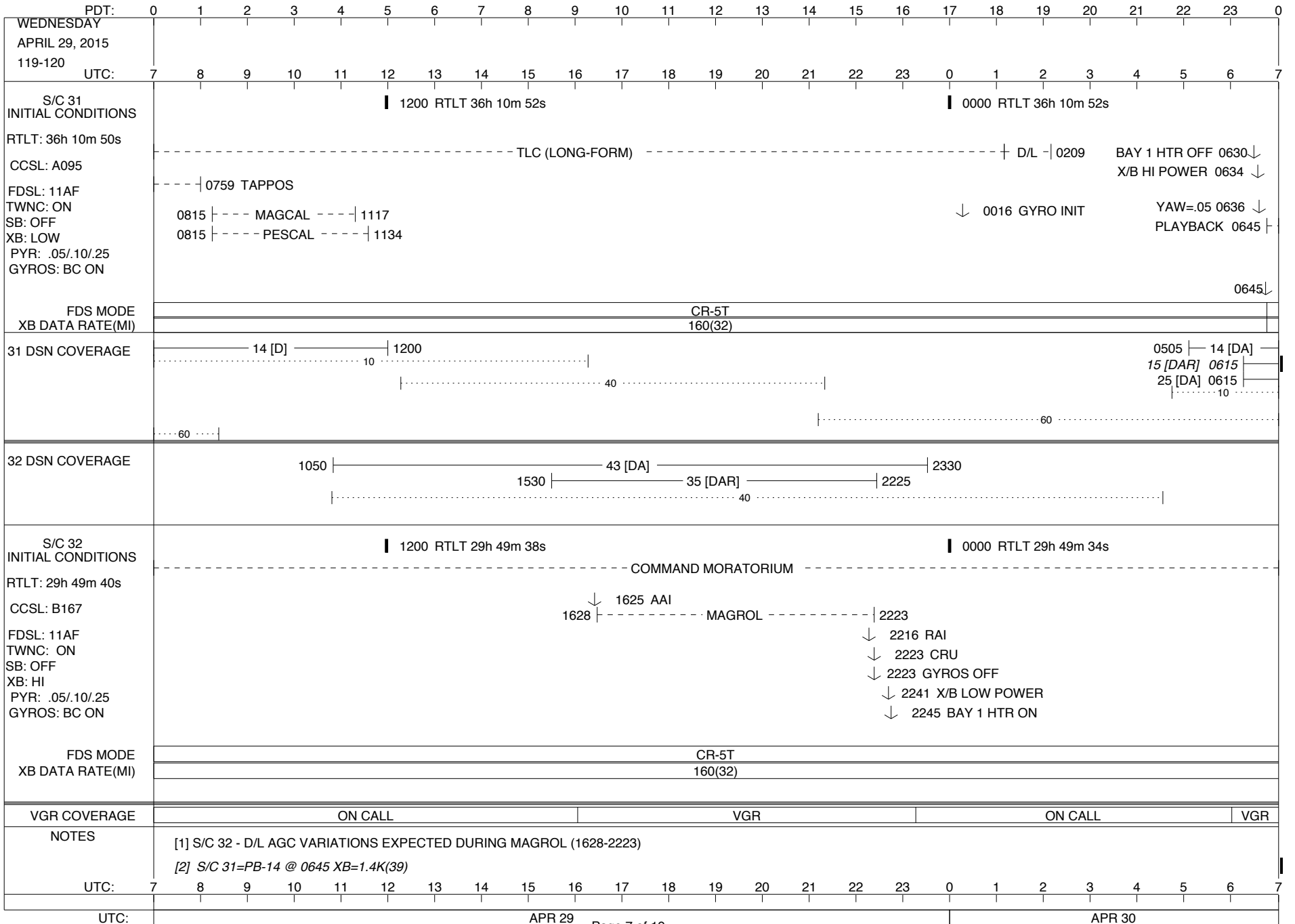
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0			
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
SATURDAY APRIL 25, 2015 115-116																												
S/C 31 INITIAL CONDITIONS RTLTL: 36h 10m 48s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 10m 48s												0000 RTLT 36h 10m 48s															
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 RTLTL: 29h 49m 58s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLT 29h 49m 56s												0000 RTLT 29h 49m 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 @ 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: 04/29/15 06:55

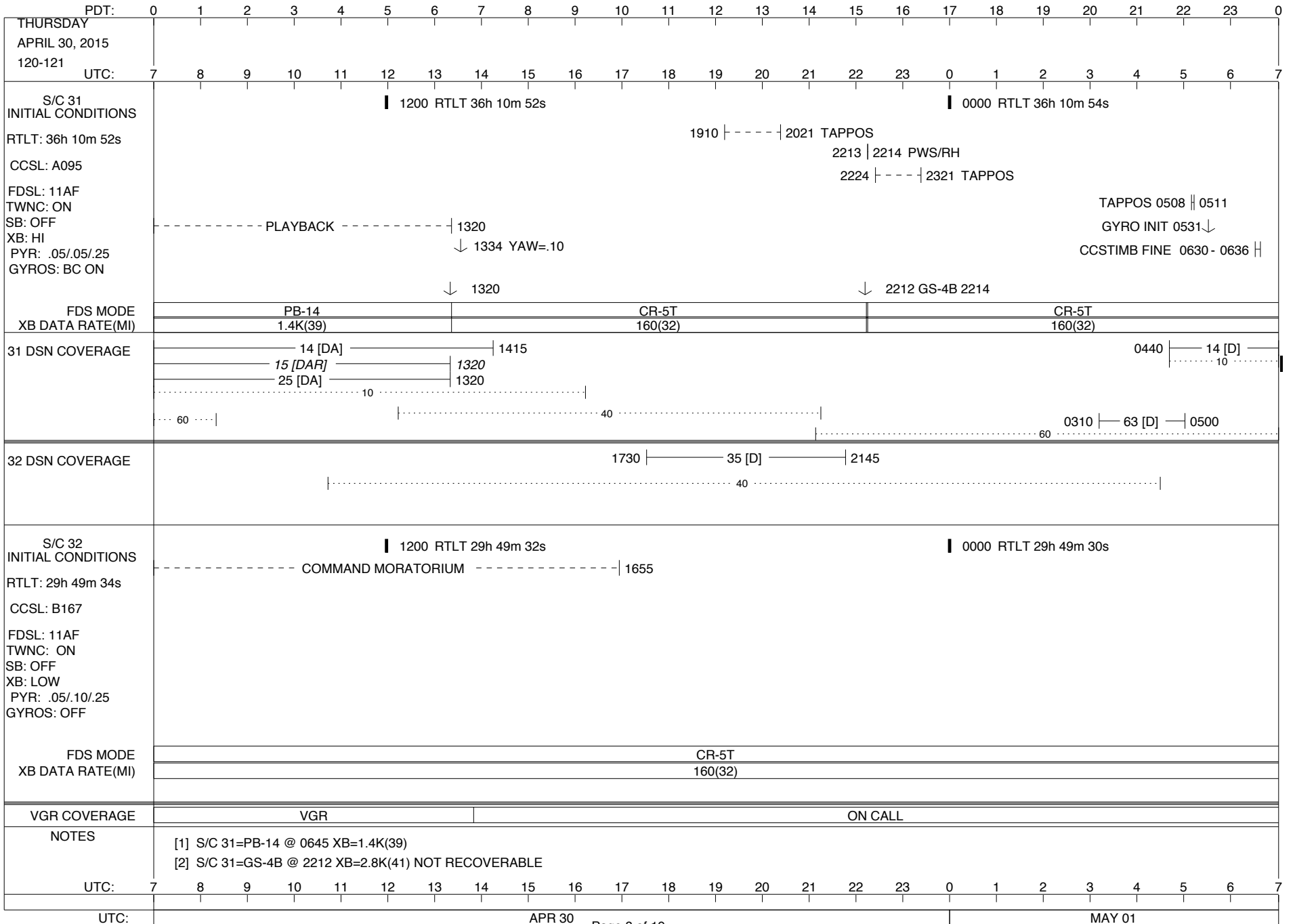


ISSUE DATE: 04/29/15 06:55

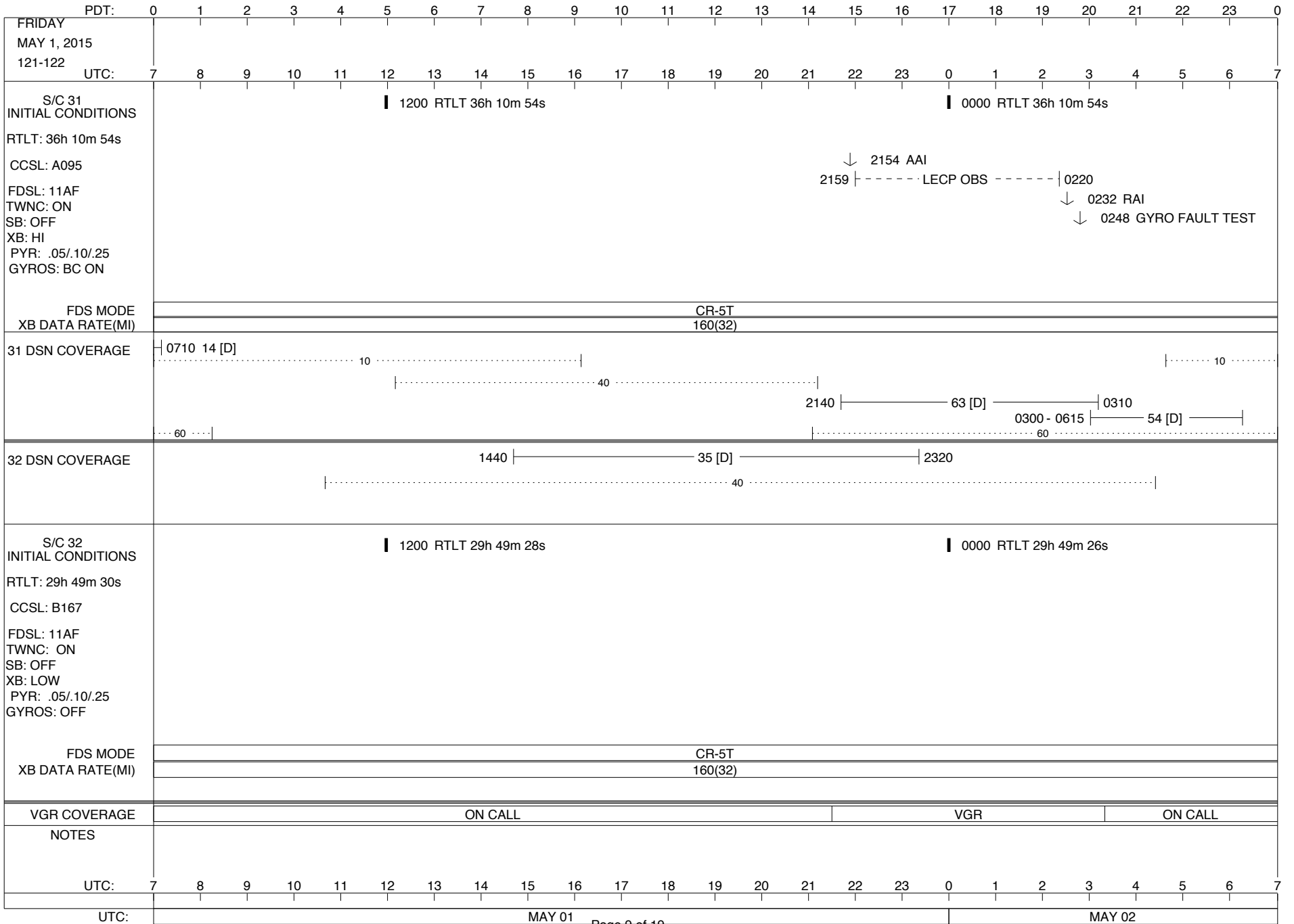
PDT:	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0
MONDAY APRIL 27, 2015 117-118																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 36h 10m 48s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF						█ 1200 RTLT 36h 10m 48s																			
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
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 48s																			
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:																									



ISSUE DATE: 04/29/15 06:55



ISSUE DATE: 04/29/15 06:55



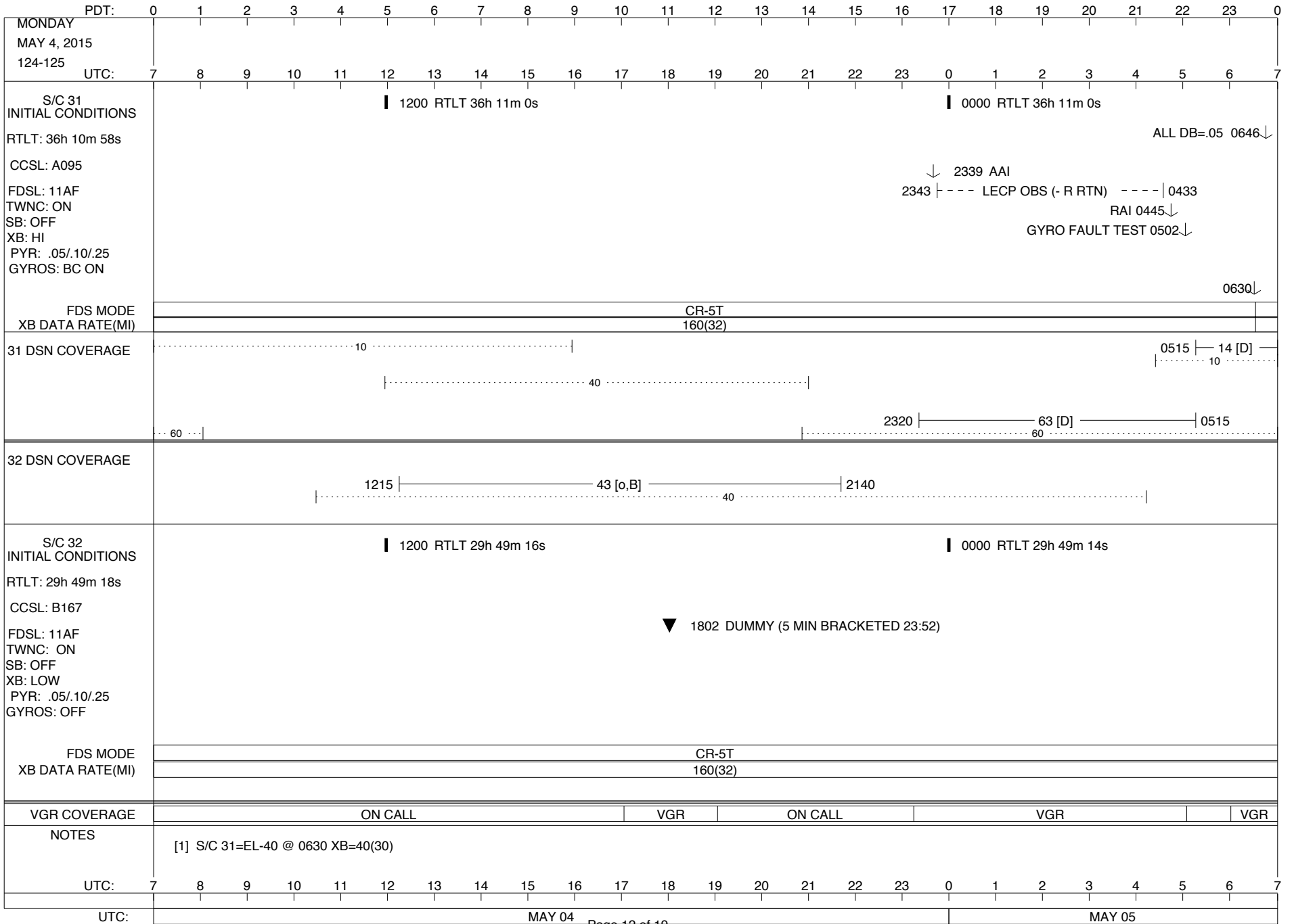
ISSUE DATE: 04/29/15 06:55

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																										
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 54s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 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: 04/29/15 06:55

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 MAY 3, 2015 123-124	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 56s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 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	14 [D] 0835												10												
	60												40												
	2055												63 [D] 0520												
	60												60												
32 DSN COVERAGE	1435 35 [D] 2135												40												
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												
NOTES													ON CALL												
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												

ISSUE DATE: 04/29/15 06:55



ISSUE DATE: 04/29/15 06:55

		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 MAY 5, 2015 125-126																																																	
		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 36h 11m 2s												0000 RTLT 36h 11m 4s																																			
RTLT: 36h 11m 0s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.05/.05/ GYROS: BC ON		0702 AAI 0702 - 0740 ASCAL 0737 RAI 0740 CRU 0748 YAW=.10 0748 ROLL=.25 0750 GYRO FAULT TEST 0742												2235 DUMMY 10:46 U/L 2300 ----- TLC (SHORT-FORM) ----- 2339 AAI 2344 ----- LECP OBS ----- 0405 RAI 0417↓ GYRO FAULT TEST 0434↓																																			
FDS MODE		CR-5T												CR-5T																																			
XB DATA RATE(MI)		160(32)												160(32)																																			
31 DSN COVERAGE		14 [D] ----- 1115 ----- ----- 10 ----- ----- 10 ----- ----- 40 ----- 2105 - 0645 ----- 63 [T] ----- ----- 60 -----																																															
32 DSN COVERAGE		1405 ----- 35 [D] ----- 0025 ----- 40 -----																																															
S/C 32 INITIAL CONDITIONS		1200 RTLT 29h 49m 12s												0000 RTLT 29h 49m 10s																																			
RTLT: 29h 49m 14s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1743 ---- MAGCAL ---- 2046 1743 ---- PESCAL ---- 2103																																															
FDS MODE		CR-5T																																															
XB DATA RATE(MI)		160(32)																																															
VGR COVERAGE		VGR												ON CALL												VGR												ON CALL											
NOTES		[1] S/C 31=D/L /SNR VARIATIONS EXPECTED DURING ASCAL (0702-0740) [2] S/C 31=GS-4B @ 1535 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 05												MAY 06																																			

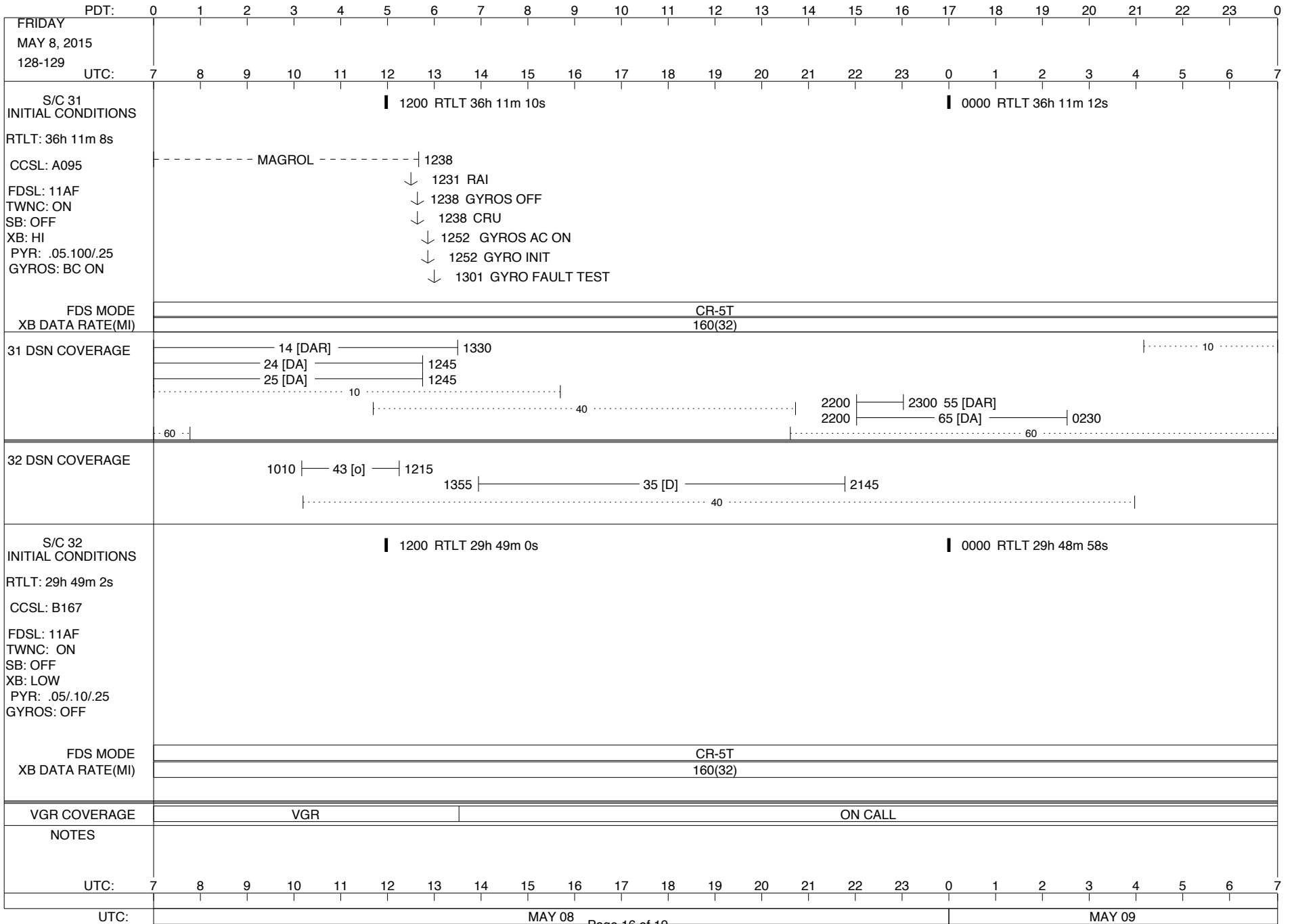
ISSUE DATE: 04/29/15 06:55

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 MAY 6, 2015 126-127																										
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 11m 4s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05.100/.25 GYROS: BC ON						█ 1200 RTLT 36h 11m 4s												█ 0000 RTLT 36h 11m 6s								
FDS MODE XB DATA RATE(MI)																										
31 DSN COVERAGE																										
32 DSN COVERAGE																										
S/C 32 INITIAL CONDITIONS RTLT: 29h 49m 10s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 29h 49m 8s												█ 0000 RTLT 29h 49m 6s								
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:	MAY 06														MAY 07											

ISSUE DATE: 04/29/15 06:55

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 MAY 7, 2015 127-128																									
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 11m 6s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/100/.25 GYROS: BC ON	1200 RTLT 36h 11m 8s												0000 RTLT 36h 11m 8s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D] 1445												0415 14 [DAR]												
	10 40												24 [DA] 0600												
	60												25 [DA] 0600												
													2205 2305 65 [DA]												
													2205 55 [DAR] 0415												
													60												
32 DSN COVERAGE	1015 43 [o] 1730												40												
S/C 32 INITIAL CONDITIONS RTLT: 29h 49m 6s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/.25 GYROS: OFF	1200 RTLT 29h 49m 4s												0000 RTLT 29h 49m 2s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 2148 XB=2.8K(41) NOT RECOVERABLE																								
	[2] S/C 31=D/L AGC & SNR VARIATIONS EXPECTED DURING MAGROL (0643-1238)																								
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 07												MAY 08												

ISSUE DATE: 04/29/15 06:55



ISSUE DATE: 04/29/15 06:55

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 9, 2015 129-130	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 11m 12s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05.100/.25 GYROS: AC ON	█ 1200 RTLTL 36h 11m 14s												█ 0000 RTLTL 36h 11m 14s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE 10 0530 14 [D] 10												
 1440 43 [D] 1830 2035 63 [D] 0510												
32 DSN COVERAGE	1020 43 [o] 1350												1350 35 [D] 2245												
 40 40												
S/C 32 INITIAL CONDITIONS RTLTL: 29h 48m 58s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 29h 48m 56s												█ 0000 RTLTL 29h 48m 54s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0048 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 09												MAY 10												

ISSUE DATE: 04/29/15 06:55

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 MAY 10, 2015 130-131	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 11m 14s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05.100/.25 GYROS: AC ON	1200 RTLT 36h 11m 16s												0000 RTLT 36h 11m 18s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	14 [D] 0915										0400 - 0635 14 [D]															
	60										2030 63 [D] 0115 60															
32 DSN COVERAGE	1350 35 [D] 1750										40															
S/C 32 INITIAL CONDITIONS RTLT: 29h 48m 54s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 29h 48m 52s												0000 RTLT 29h 48m 50s													
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:	MAY 10													MAY 11												

