

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: April 18, 2012

For the Period: 04/19/12 to 05/07/12 (12-110 – 12-128)

DSN OPSCHIEF (1) 230-102

SCIENCE

FLIGHT TEAM (14) 600-100

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

CRS *bryant@mail630.gsfc.nasa.gov
 LECP *r.decker@jhupl.edu
 UVS *holberg@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

Dodd, S.
 Hall, J.
 Howard, S. (3)
 Ludwig, R. (2)
 Matsumoto, S.
 Medina, E.
 Peralta, F.
 Weeks, T.
 Wong, R.
 Yang, L
 Zottarelli, L.
 *odivers1@san.rr.com

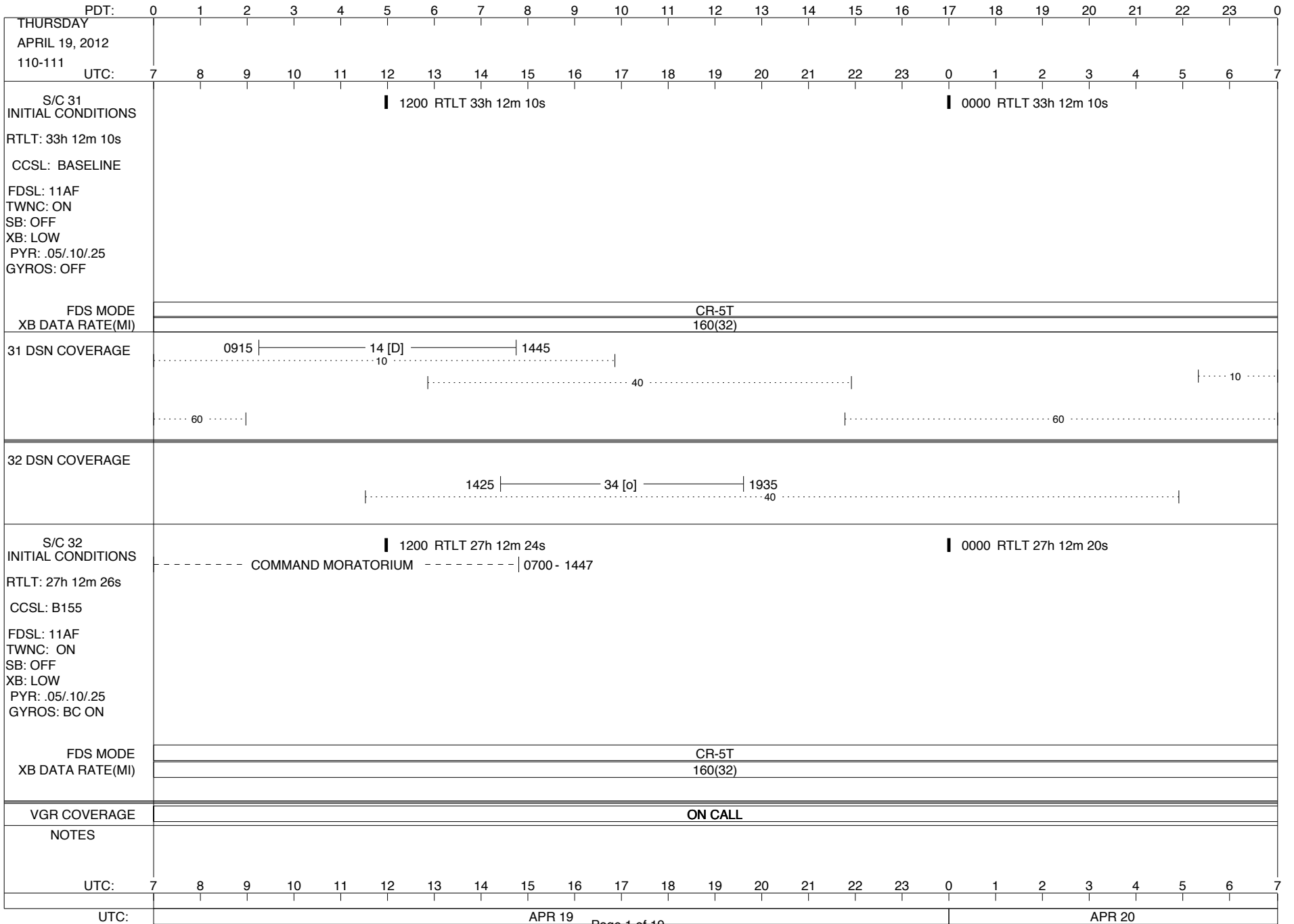
OTHER

* KMassej@jgld.gdscc.nasa.gov
 * Belinda.Arroyo@jpl.nasa.gov
 * !DL-DSN-MPSETA@dsn.nasa.gov

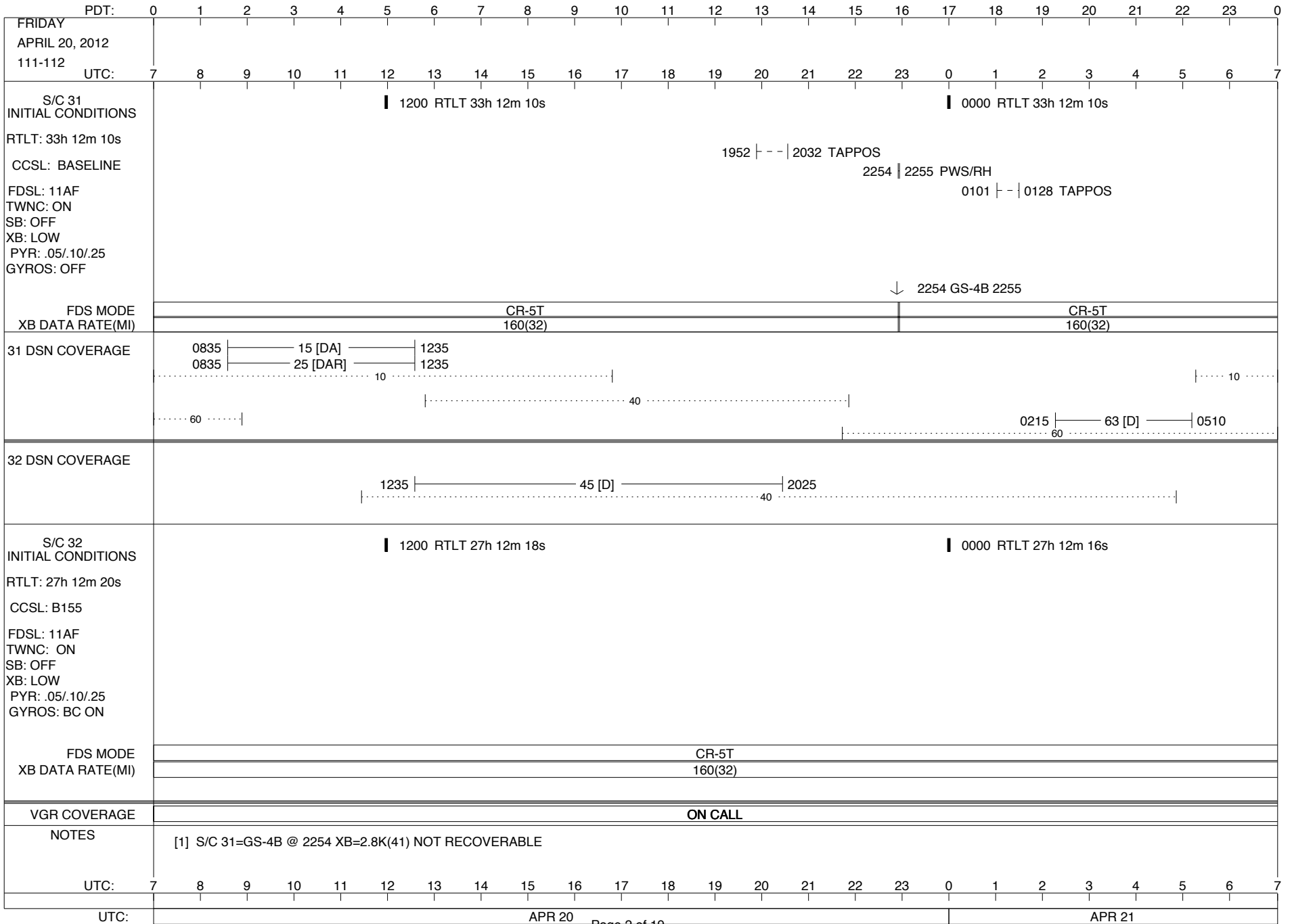
LEGEND: ∇ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = 7-Point BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink only pass
 [o] = Ramp-through

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

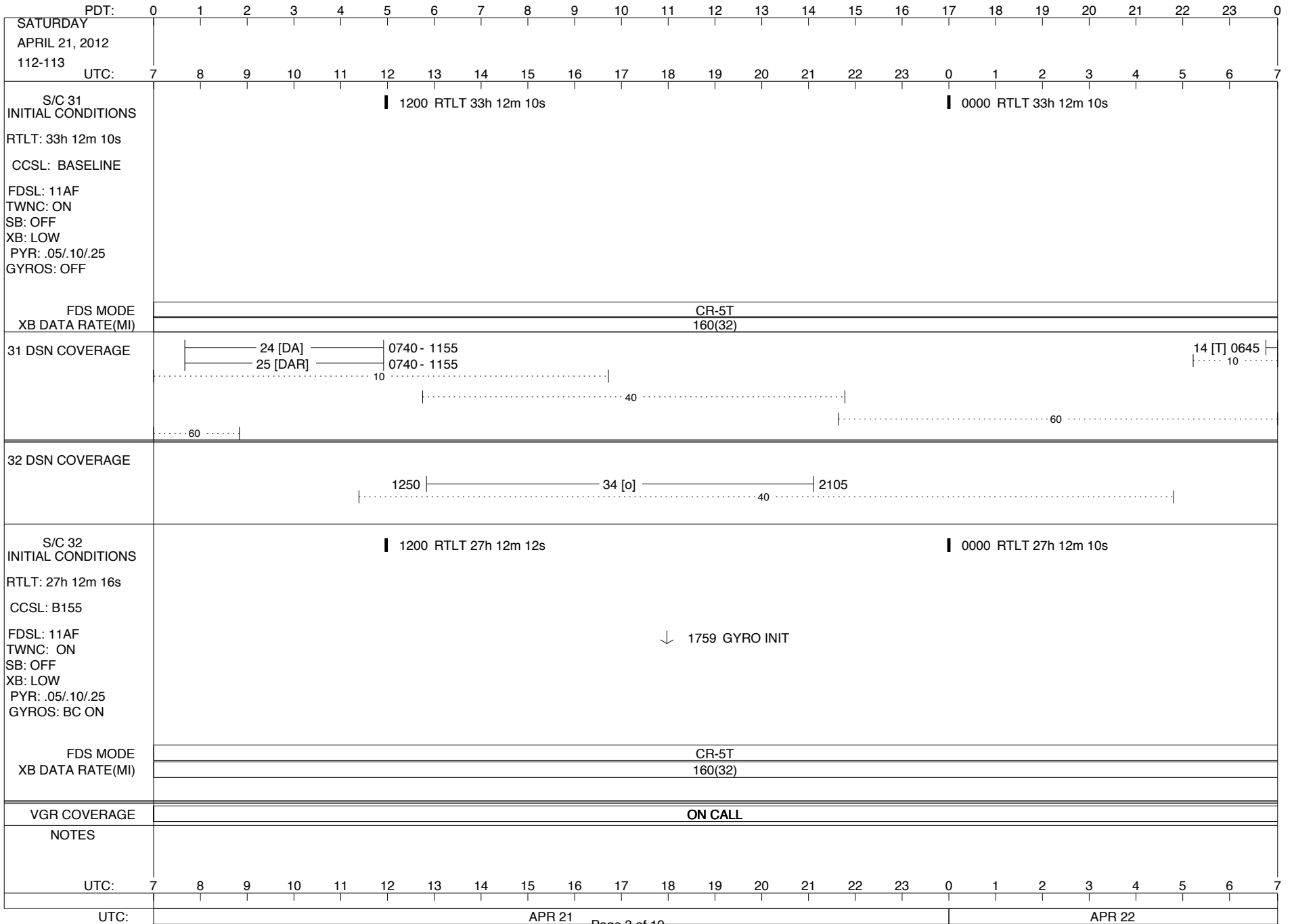
ISSUE DATE: 04/18/12 17:12



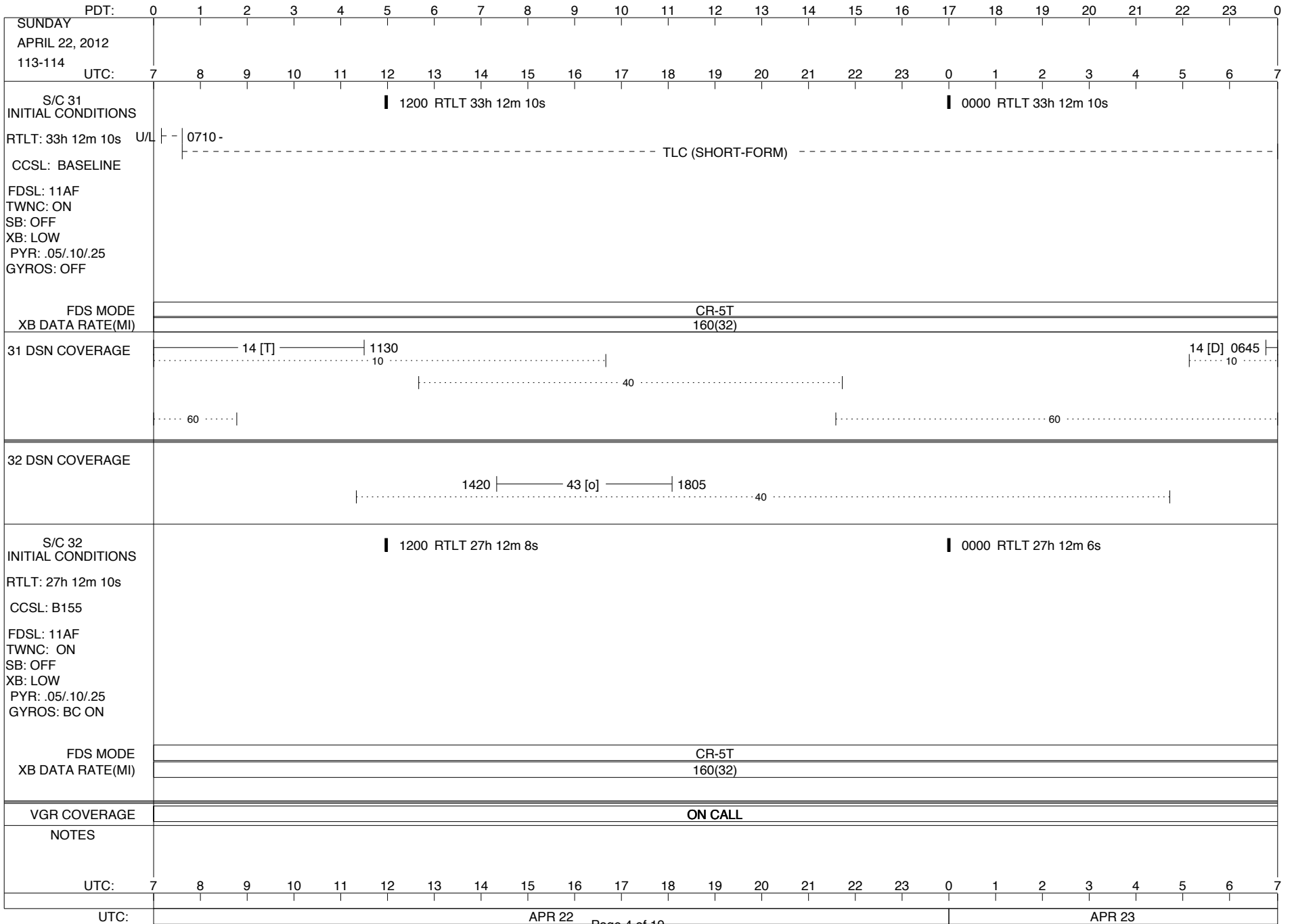
ISSUE DATE: 04/18/12 17:12



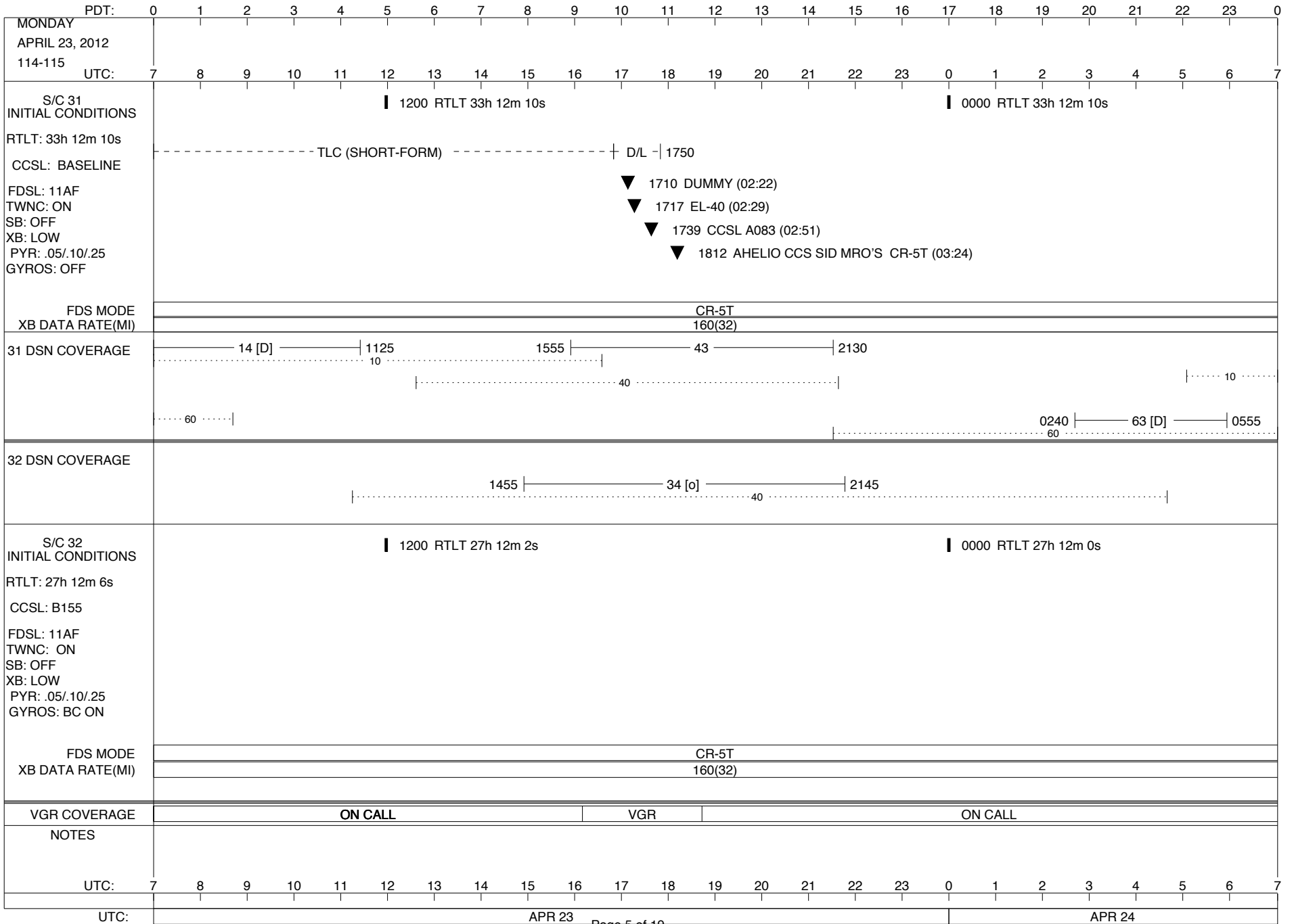
ISSUE DATE: 04/18/12 17:12



ISSUE DATE: 04/18/12 17:12



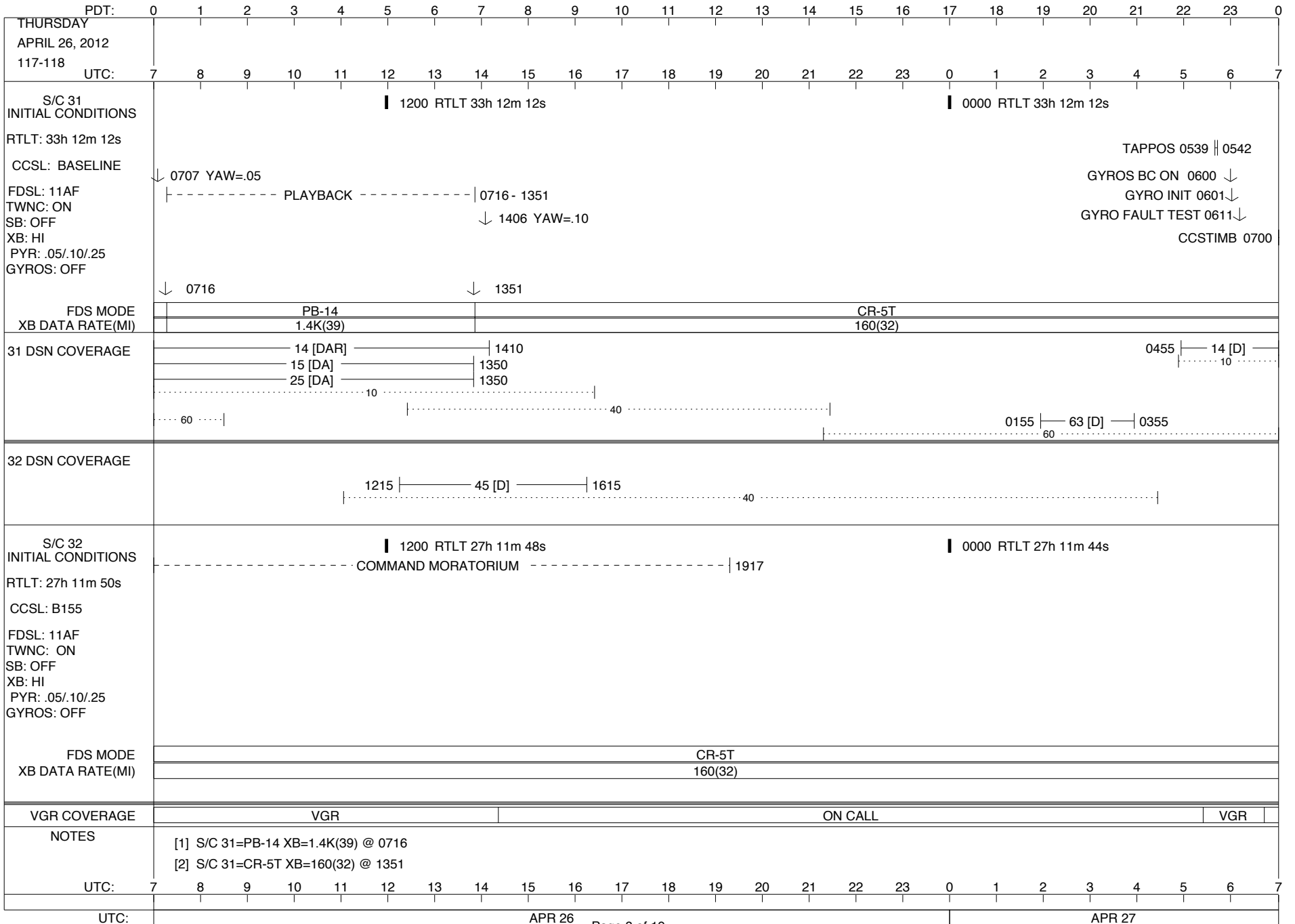
ISSUE DATE: 04/18/12 17:12



ISSUE DATE: 04/18/12 17:12

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							
WEDNESDAY APRIL 25, 2012 116-117																																
S/C 31 INITIAL CONDITIONS RTLTL: 33h 12m 10s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 33h 12m 12s												0000 RTLT 33h 12m 12s																			
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)																			
31 DSN COVERAGE	0810 ----- 14 [D] ----- 1510										----- 40										0535 14 [DAR] 15 [DA] 0645 25 [DA] 0645 ----- 10											
32 DSN COVERAGE	----- 60										----- 60																					
32 DSN COVERAGE	----- 60										1530 ----- 43 [D] ----- 2330										----- 40											
S/C 32 INITIAL CONDITIONS RTLTL: 27h 11m 54s CCSL: B155 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: BC ON	1200 RTLT 27h 11m 52s												0000 RTLT 27h 11m 50s																			
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)																			
VGR COVERAGE	ON CALL												VGR								ON CALL								VGR			
NOTES	[1] S/C 32 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (1632-2228)																															
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																	

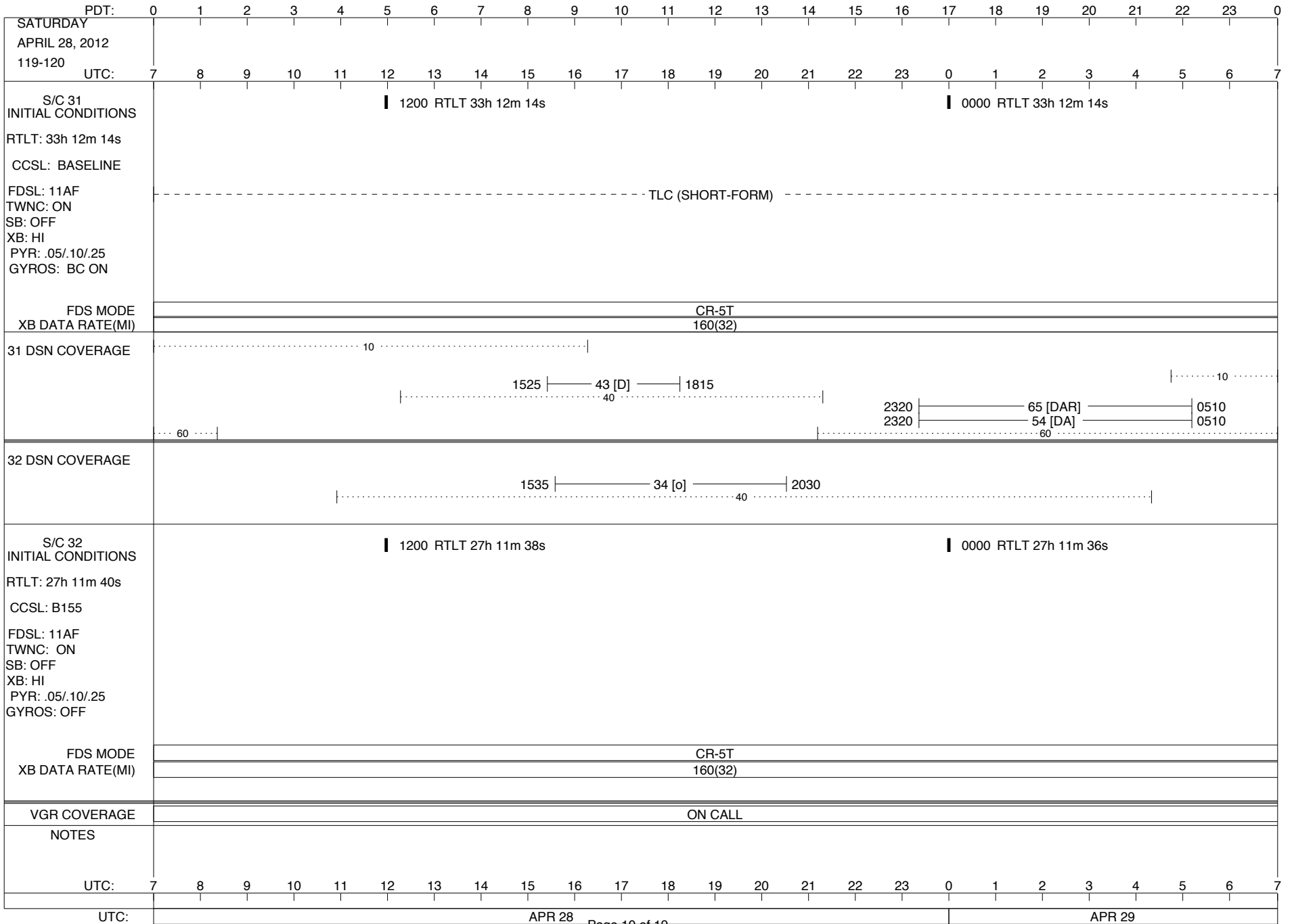
ISSUE DATE: 04/18/12 17:12



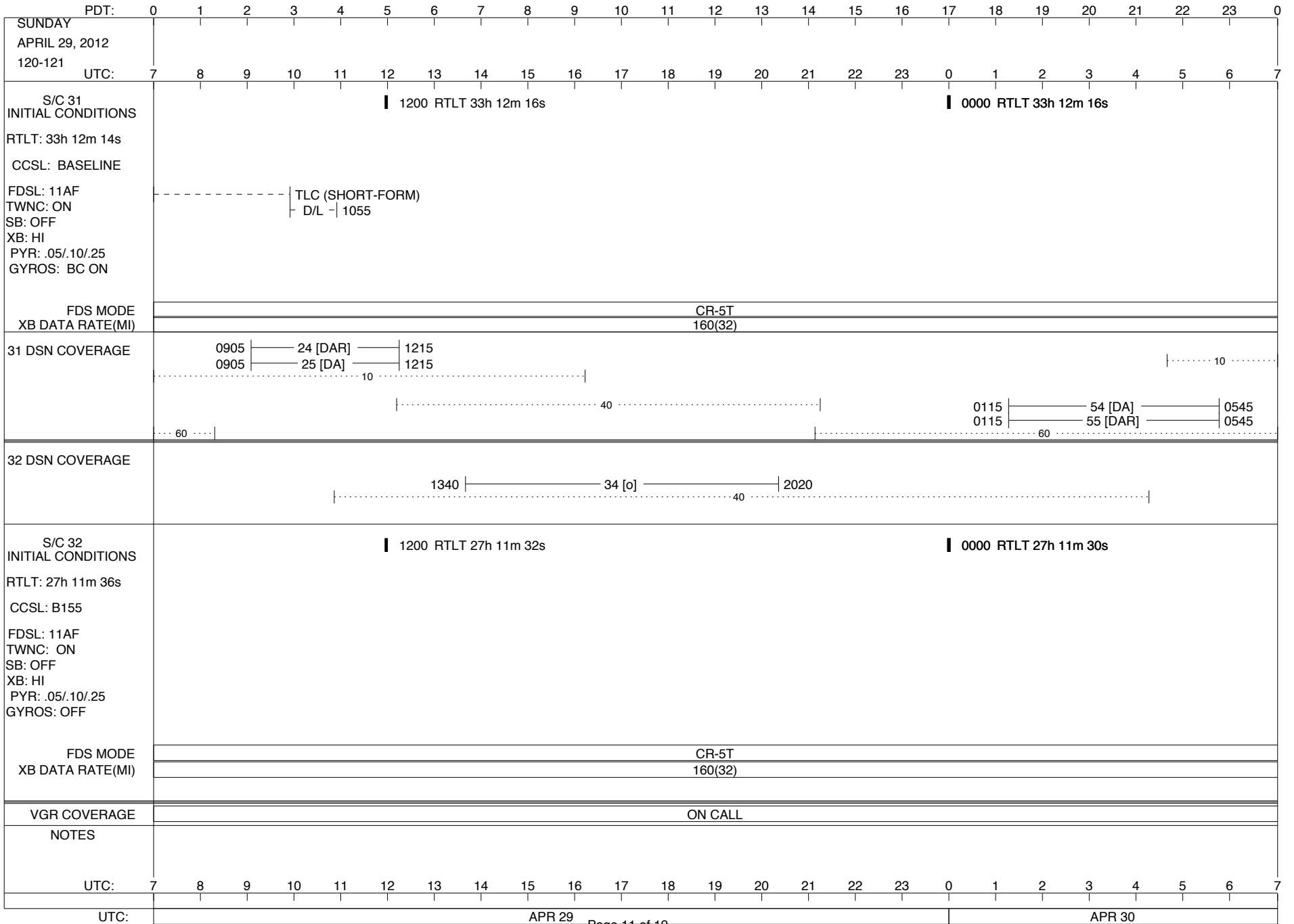
ISSUE DATE: 04/18/12 17:12

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			
FRIDAY APRIL 27, 2012 118-119																												
S/C 31 INITIAL CONDITIONS RTLT: 33h 12m 12s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLT 33h 12m 14s												0000 RTLT 33h 12m 14s															
													1928 1929 TAPPOS															
													2230 2231 PWS/RH															
													0038 0053 TAPPOS															
													U/L 0015 - - - - - TLC (SHORT-FORM) - - - - -															
	0700 - 0707 CCSTIMB																											
													↓ 2230 GS-4B 2231															
FDS MODE	CR-5T												CR-5T															
XB DATA RATE(MI)	160(32)												160(32)															
31 DSN COVERAGE	14 [D] 1345												10															
	10												40															
	60												2350 63 [T2] 0435															
													60															
32 DSN COVERAGE													1525 45 [D] 1945															
													40															
S/C 32 INITIAL CONDITIONS RTLT: 27h 11m 44s CCSL: B155 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	1200 RTLT 27h 11m 42s												0000 RTLT 27h 11m 40s															
													CR-5T															
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
VGR COVERAGE													ON CALL															
NOTES	[1] S/C 31=GS-4B @ 2230 XB=2.8K(41) NOT RECOVERABLE [2] A083 BACKUP UPLINK TRACK																											
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													

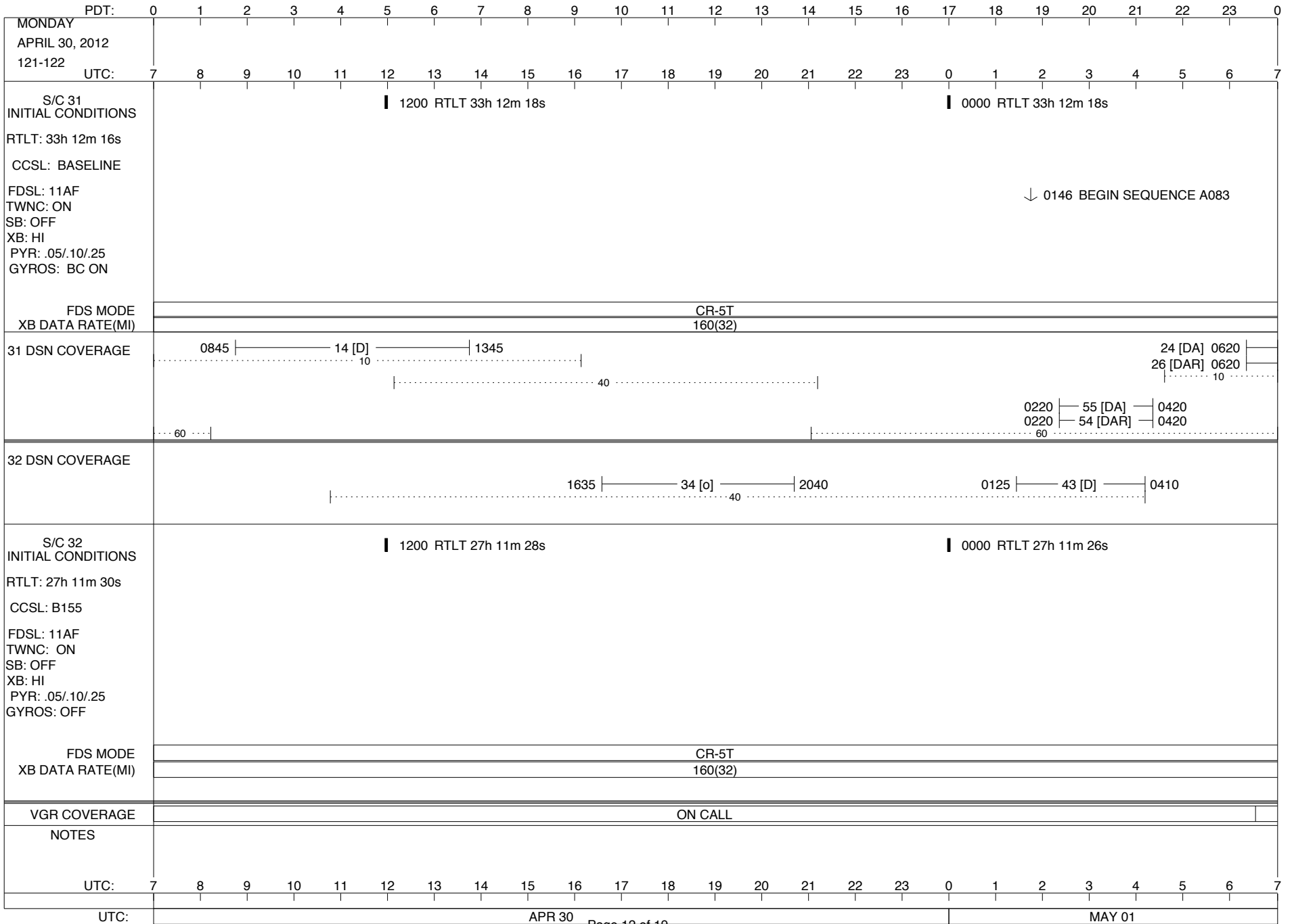
ISSUE DATE: 04/18/12 17:12



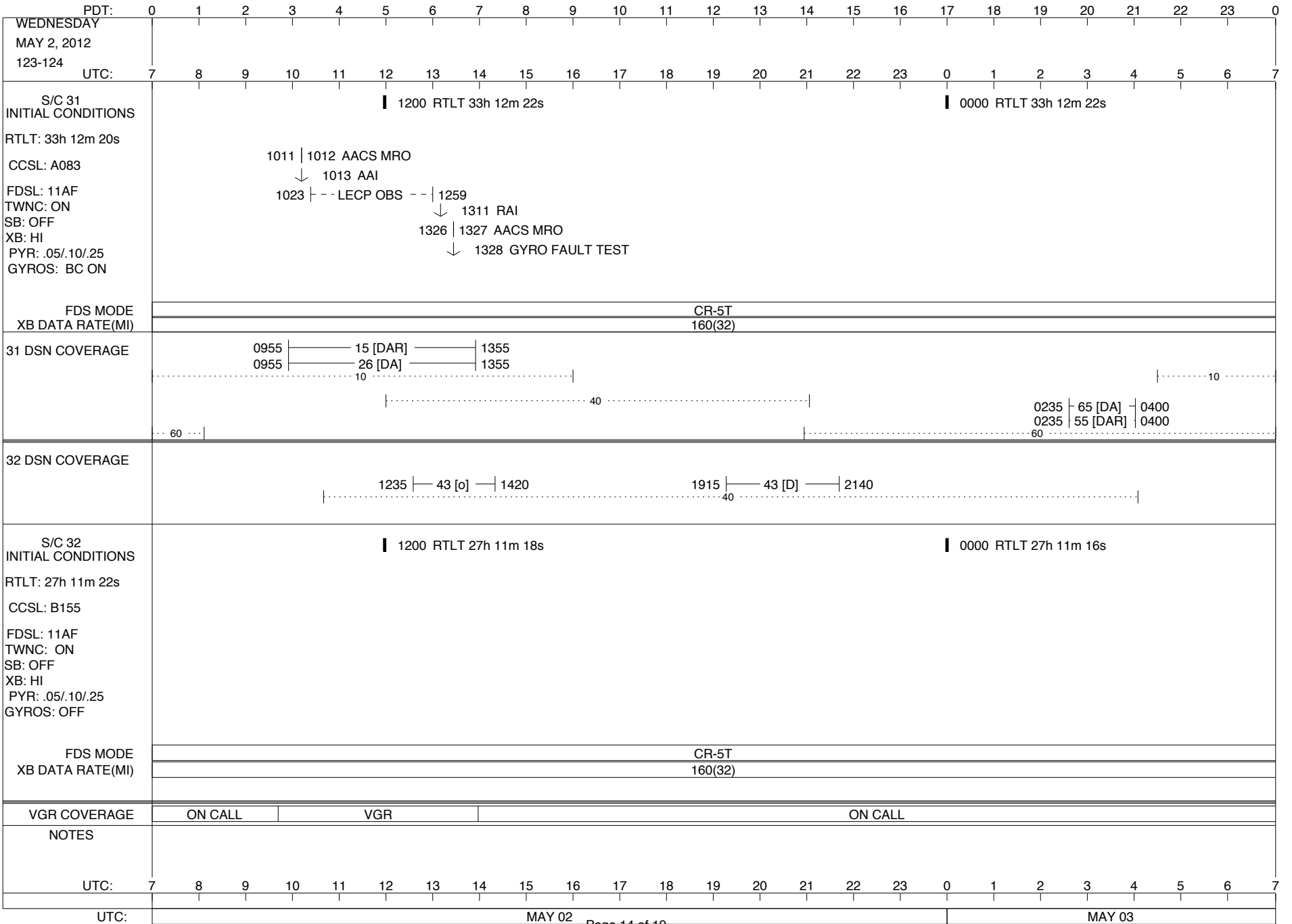
ISSUE DATE: 04/18/12 17:12



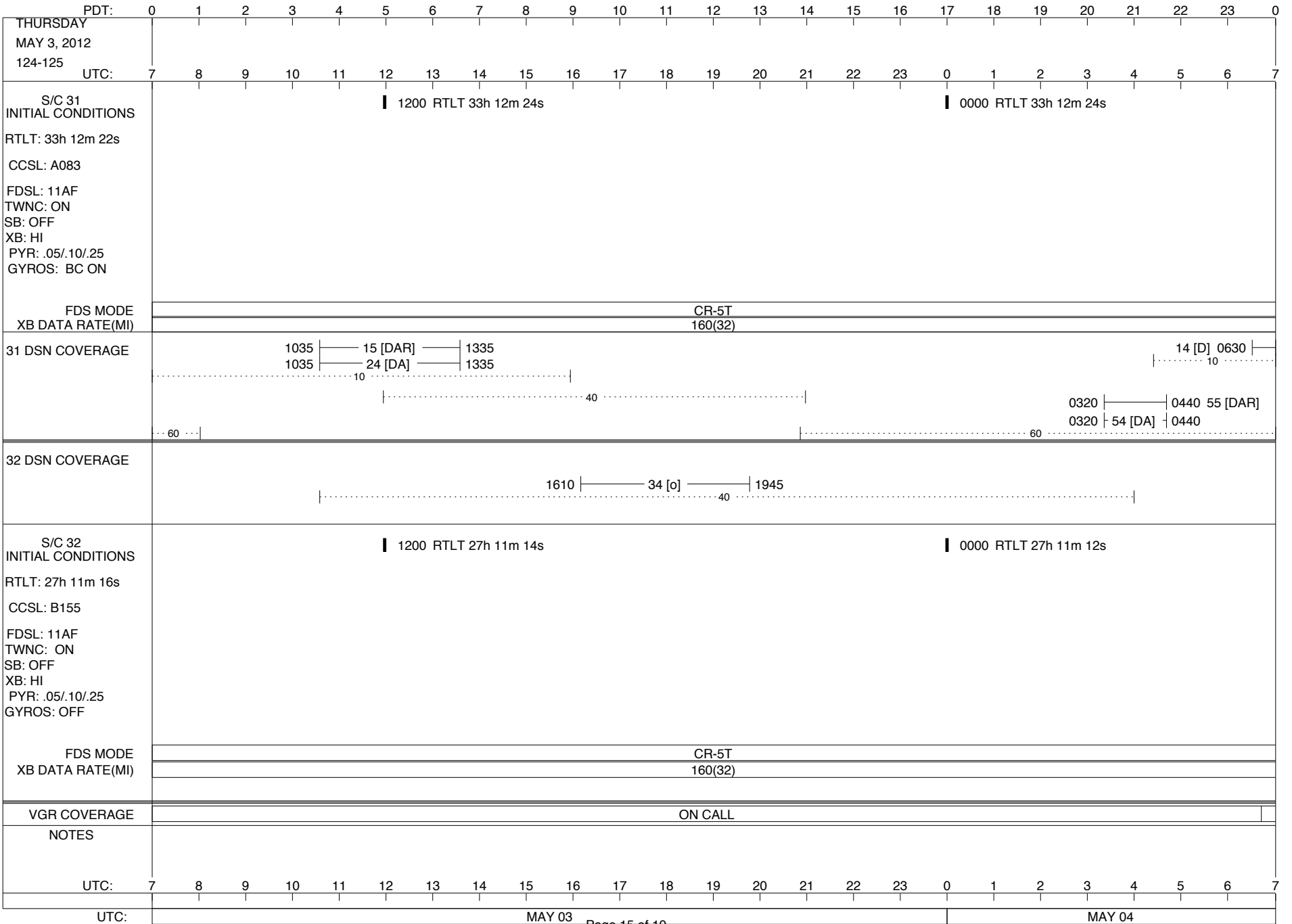
ISSUE DATE: 04/18/12 17:12



ISSUE DATE: 04/18/12 17:12



ISSUE DATE: 04/18/12 17:12



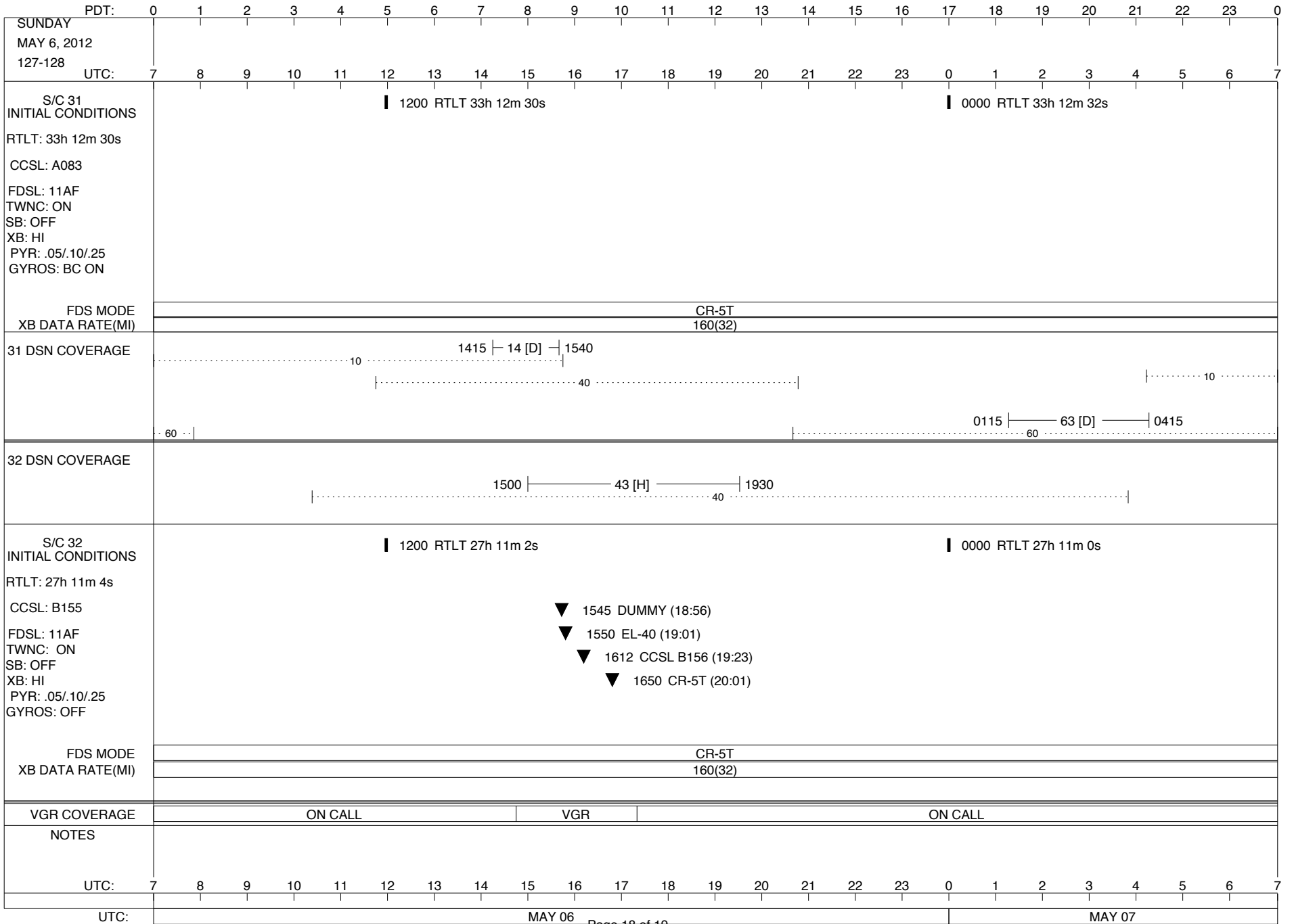
ISSUE DATE: 04/18/12 17:12

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 MAY 4, 2012 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 RTLTL: 33h 12m 24s CCSL: A083 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 33h 12m 26s												0000 RTLTL 33h 12m 26s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	14 [D] 1400												0005 63 [D] 0305												
32 DSN COVERAGE	1735 34 [D] 2210																								
S/C 32 INITIAL CONDITIONS RTLTL: 27h 11m 12s CCSL: B155 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 27h 11m 10s												0000 RTLTL 27h 11m 8s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] S/C 31 D/L AGC & SNR VARIATIONS EXPECTED DURING MAGROL (0714-1309) [2] S/C 31=GS-4B @ 2206 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 04												MAY 05												

ISSUE DATE: 04/18/12 17:12

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 MAY 5, 2012 126-127																												
S/C 31 INITIAL CONDITIONS RTLT: 33h 12m 26s CCSL: A083 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON		1200 RTLT 33h 12m 28s												0000 RTLT 33h 12m 30s														
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)														
31 DSN COVERAGE		<p>0950 ----- 15 [DA] ----- 1315 0950 ----- 25 [DAR] ----- 1315 ----- 10 ----- ----- 40 ----- ----- 60 ----- ----- 2210 ----- 63 [D] ----- 0210 ----- 60 ----- </p>																										
32 DSN COVERAGE		<p>..... ----- 1545 ----- 43 [D] ----- 2005 ----- 40 ----- </p>																										
S/C 32 INITIAL CONDITIONS RTLT: 27h 11m 8s CCSL: B155 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 27h 11m 6s												0000 RTLT 27h 11m 4s														
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 05															MAY 06											

ISSUE DATE: 04/18/12 17:12



ISSUE DATE: 04/18/12 17:12

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 7, 2012 128-129	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: 33h 12m 32s CCSL: A083 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	<p style="text-align: center;">█ 1200 RTLT 33h 12m 34s</p> <p style="text-align: center;">1016 1017 AACS MRO ↓ 1018 AAI 1028 - - - - LECP OBS - - - - 1356 ↓ 1408 RAI 1423 1424 AACS MRO ↓ 1425 GYRO FAULT TEST</p>																																
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)																			
31 DSN COVERAGE	<p style="text-align: center;">1000 ----- 15 [DA] ----- 1445 1000 ----- 26 [DAR] ----- 1445 10 40 60 .. </p>																																
32 DSN COVERAGE	<p style="text-align: center;">1235 ----- 45 [D1] ----- 1545 1735 ----- 34 [D] ----- 2135</p>																																
S/C 32 INITIAL CONDITIONS RTLT: 27h 11m 0s CCSL: B155 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	<p style="text-align: center;">█ 1200 RTLT 27h 10m 58s</p> <p style="text-align: center;">1927 * 1931 B156 CHKSUM</p> <p style="text-align: center;">EL-40 1902 * ↓ * ↓ 2002 CR-5T</p>																																
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)											EL-40 40(30)						CR-5T 160(32)															
VGR COVERAGE	ON CALL							VGR							ON CALL							VGR						ON CALL					
NOTES	<p>[1] ENG DEMO TRACK [2] S/C 32=EL-40 XB=40(30) @ 1902 [3] S/C 32=CR-5T XB=160(32) @ 2002</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									
UTC:	MAY 07													MAY 08																			