

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: June 4, 2014

For the Period: 06/05/14 to 06/16/23 (14-149 – 14-167)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

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SCIENCE

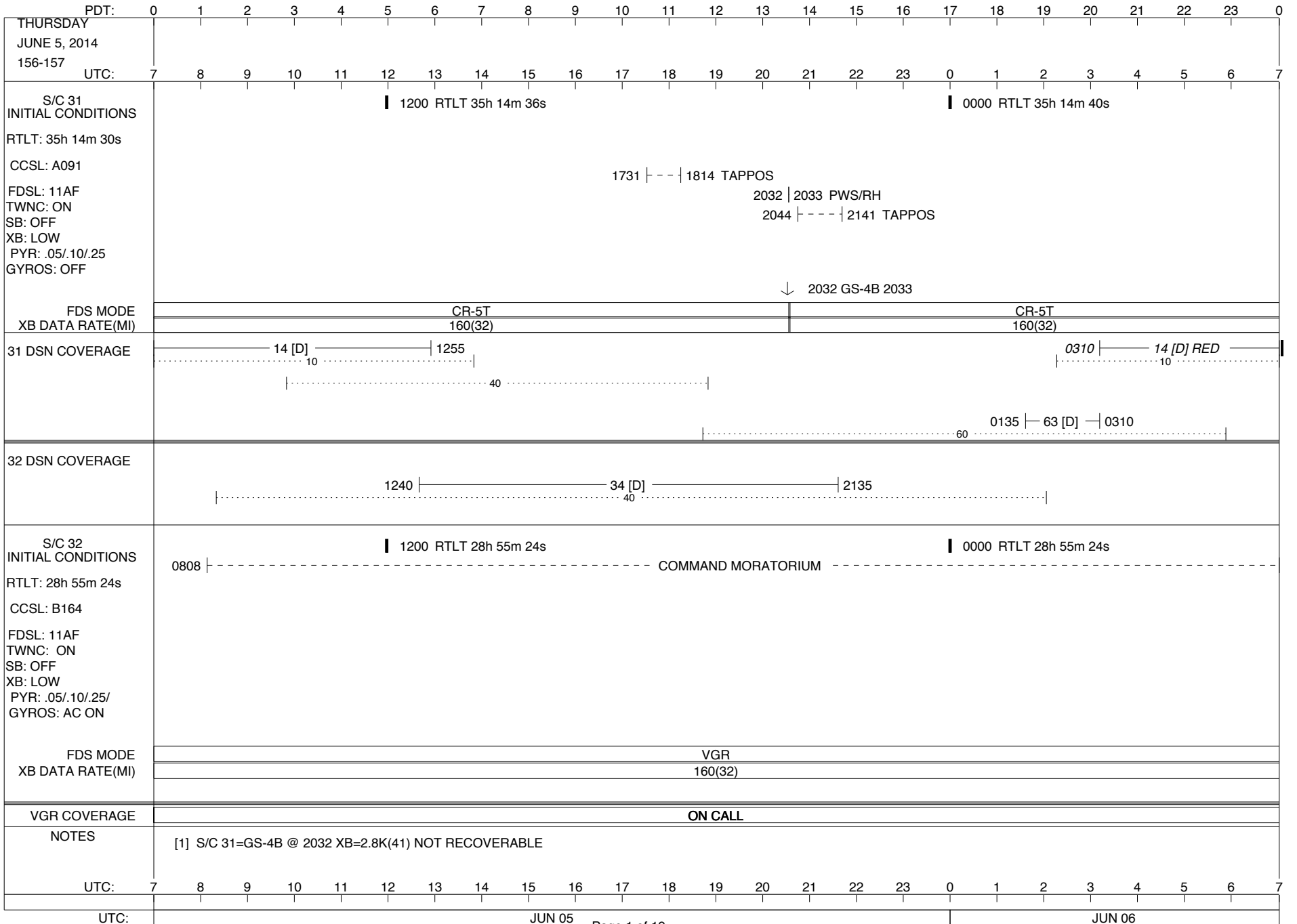
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 LECP *r.decker@jhuapl.edu
 UVS *holburg@argus.lpl.arizona.edu
 MAG *u2mha@lepvox.gsfc.nasa.gov
 PLS *vgr@space.mit.edu
 PWS *wsk@space.physics.uiowa.edu
 *Leonard.F.Burlaga@nasa.gov
 *Donald-Gurnett@uiowa.edu

FLIGHT TEAM (14) 600-100

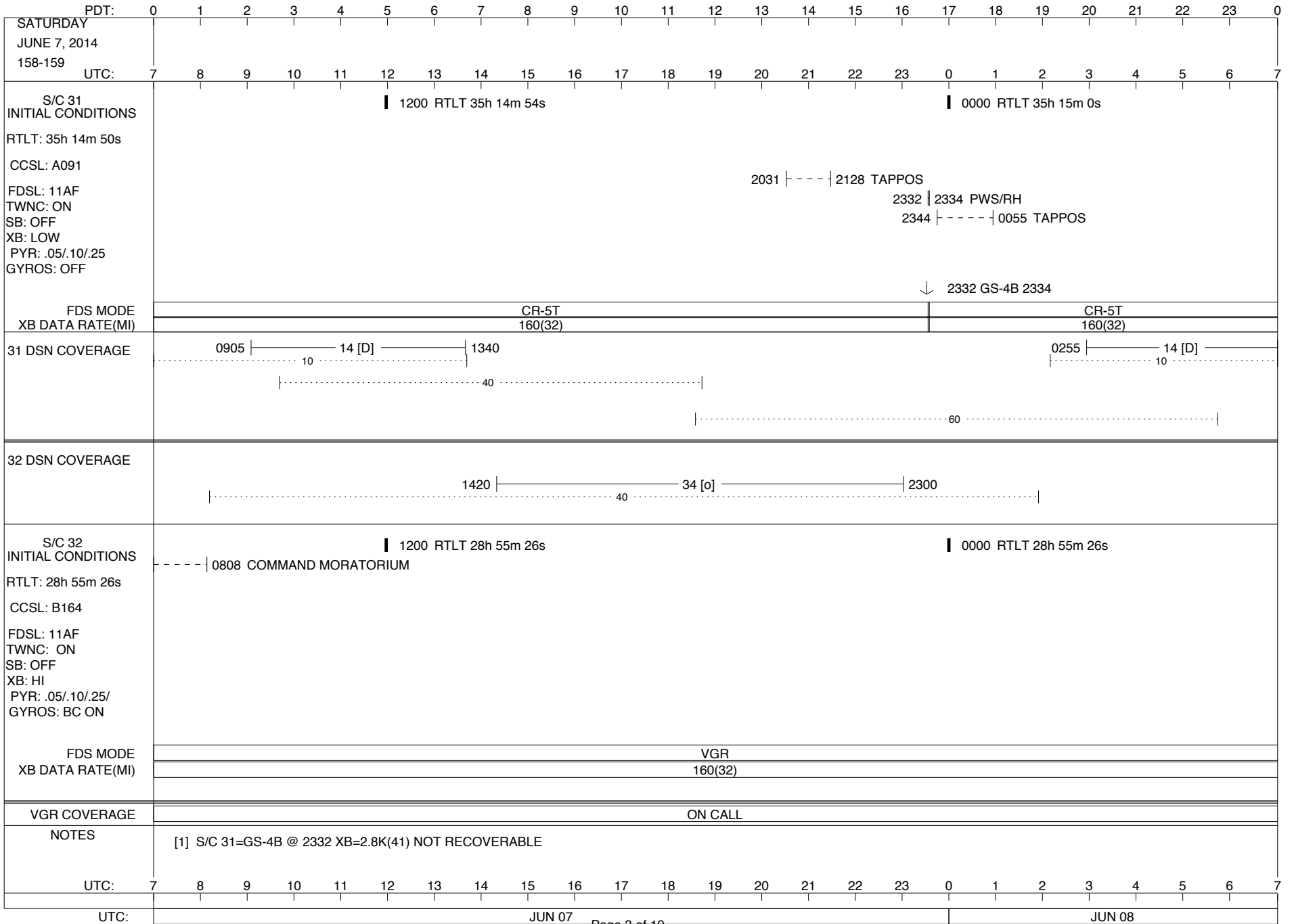
Dodd, S.
 Hall, J.
 Howard, S. (3)
 Ludwig, R. (2)
 Matsumoto, S.
 Medina
 Peralta, F.
 Weeks, T.
 Wong, R.
 Yang, L.
 Zottarelli, L.
 *odivers@san.rr.com

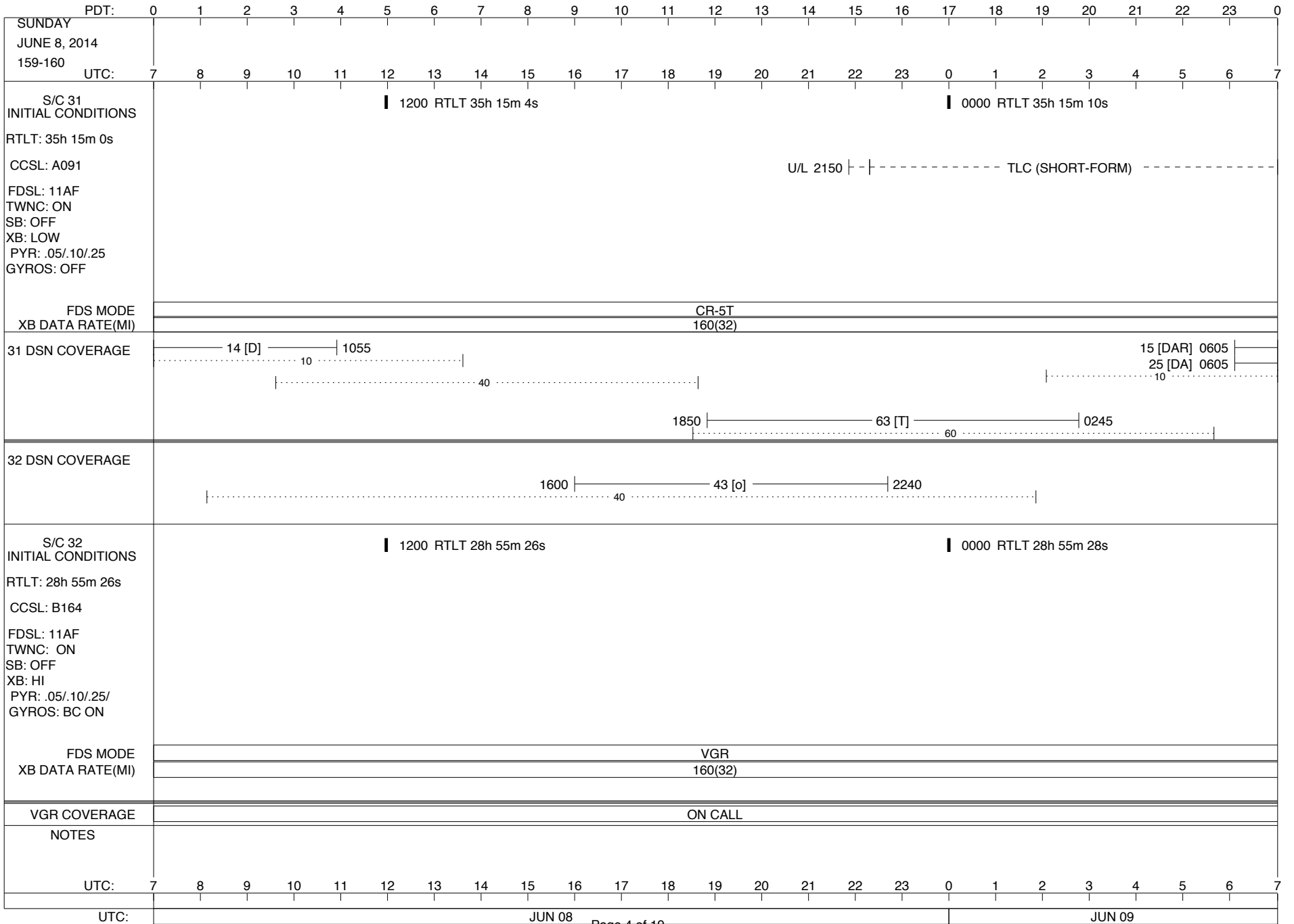
LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U =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

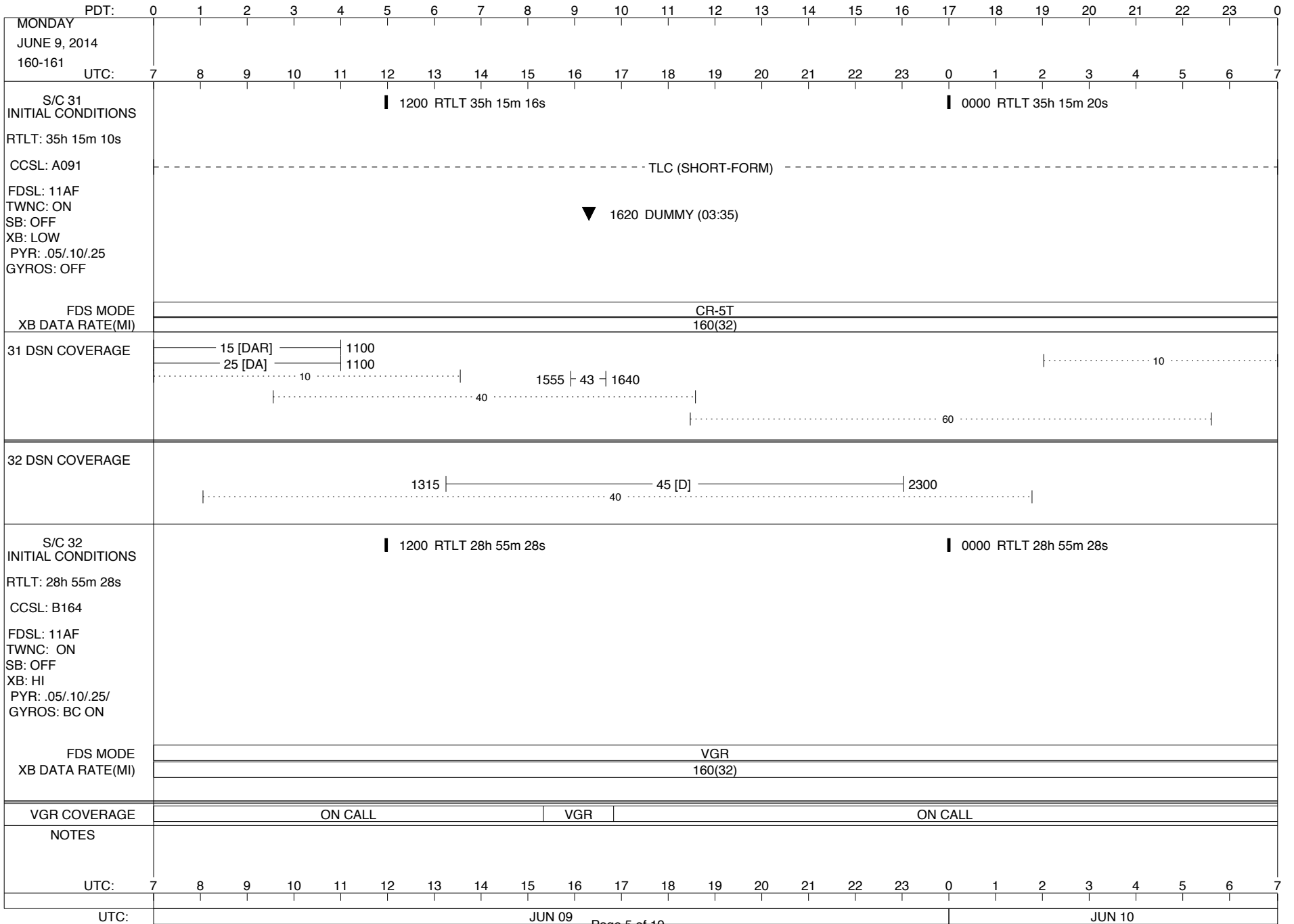
*Electronic Copy Only
 (16 – Dist/N: Paper Copies)
 09/08/10



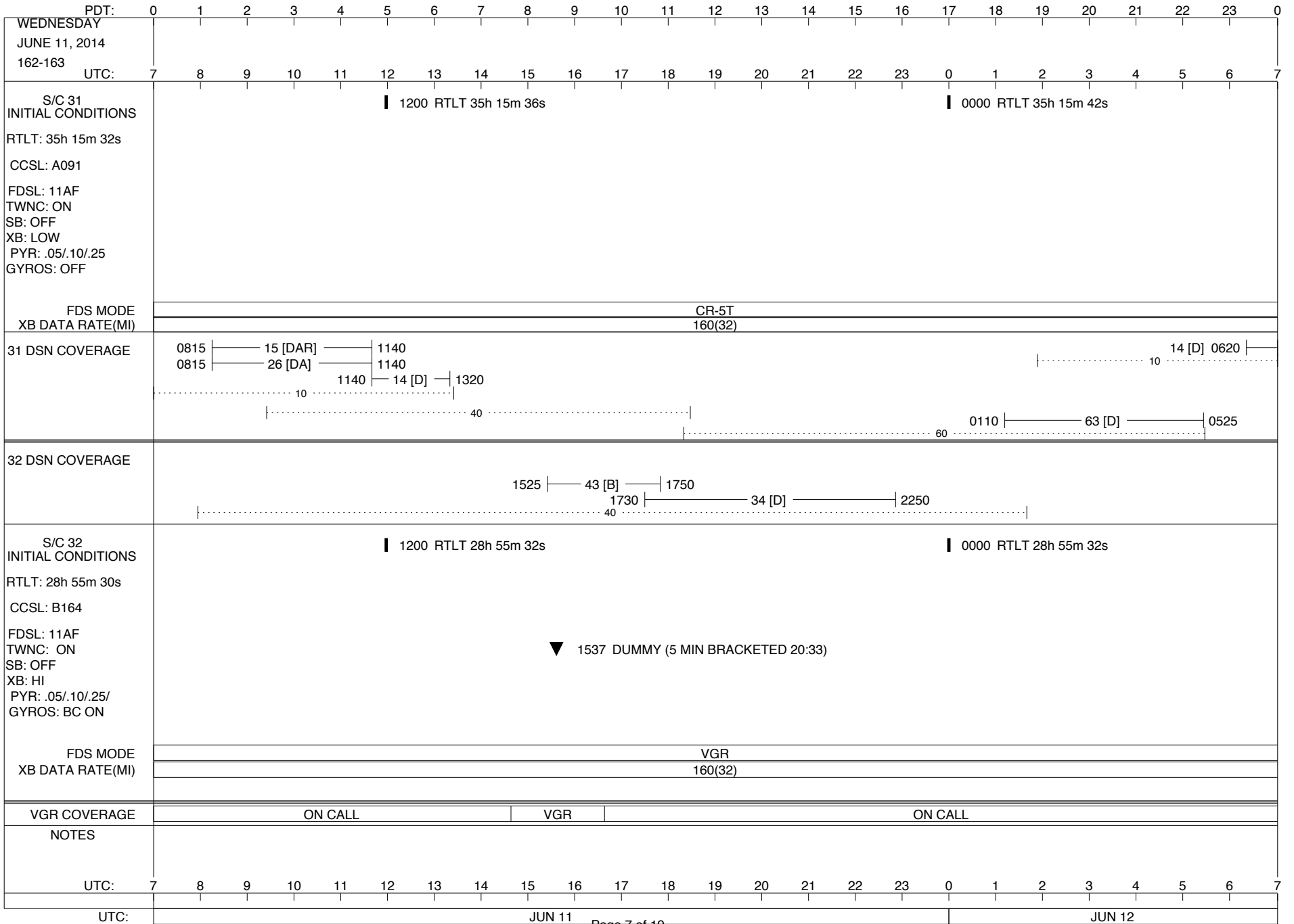
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S/C 31 INITIAL CONDITIONS RTLTL: 35h 14m 40s CCSL: A091 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 35h 14m 44s												0000 RTLTL 35h 14m 50s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	14 [D] RED 1250 10 0900 .15 [D] .1240 40											 10 0035 63 [D] 0440 60												
32 DSN COVERAGE	1215 34 [D] 1715 40												1730 43 [D] 2240 40												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 55m 24s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: AC ON	1200 RTLTL 28h 55m 26s												0000 RTLTL 28h 55m 26s												
FDS MODE XB DATA RATE(MI)													VGR 160(32)												
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES	<p style="text-align: center;">----- COMMAND MORATORIUM -----</p> <p style="text-align: center;">↓ 1233 GYRO SWAP BC ON ↓ 1234 GYRO INIT ↓ 1243 GYRO FAULT TEST ↓ 1300 BAY 1 HTR OFF ↓ 1304 X/B HI POWER 1337 H 1343 CCSTIM(B)</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:	JUN 06												JUN 07												

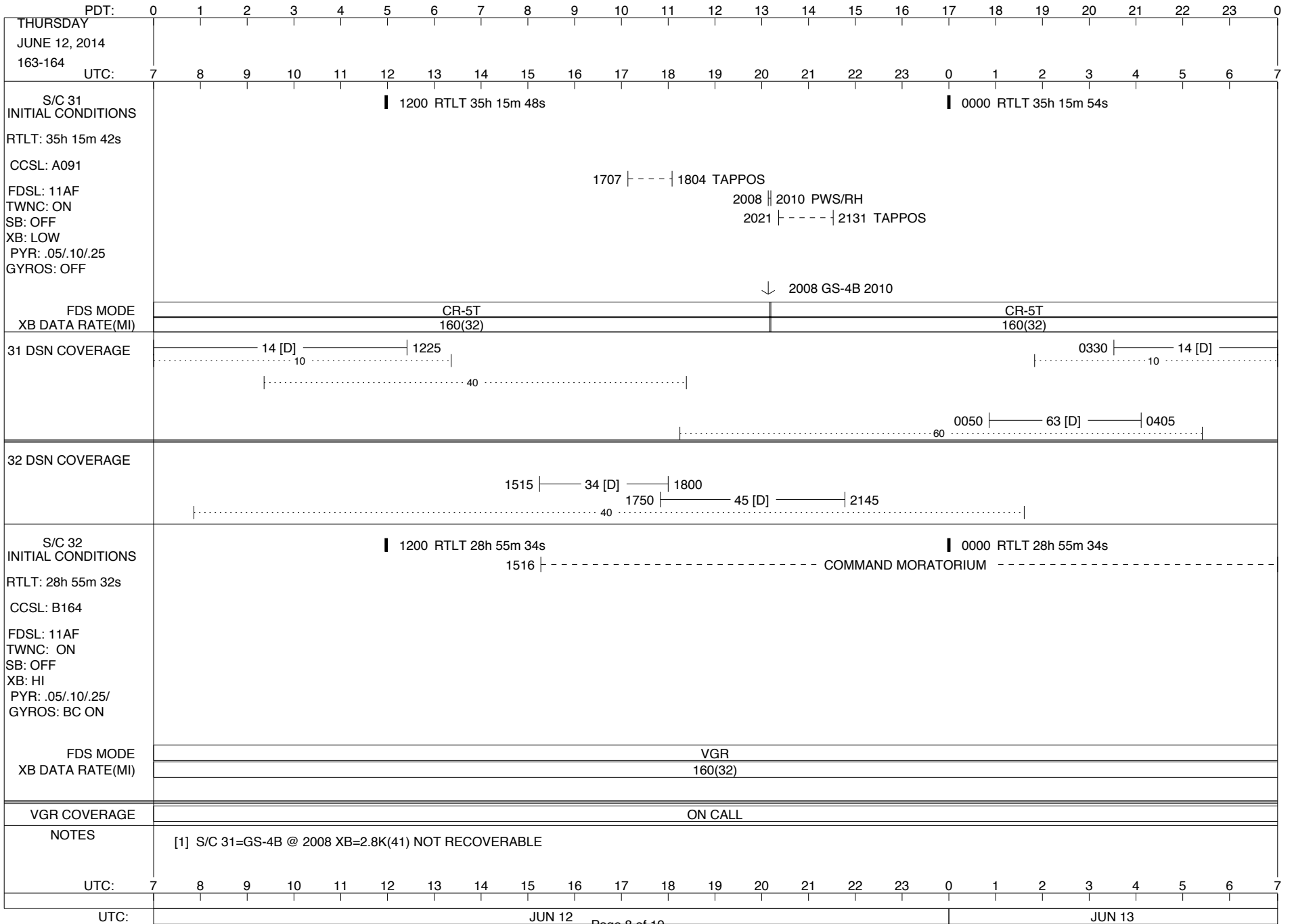


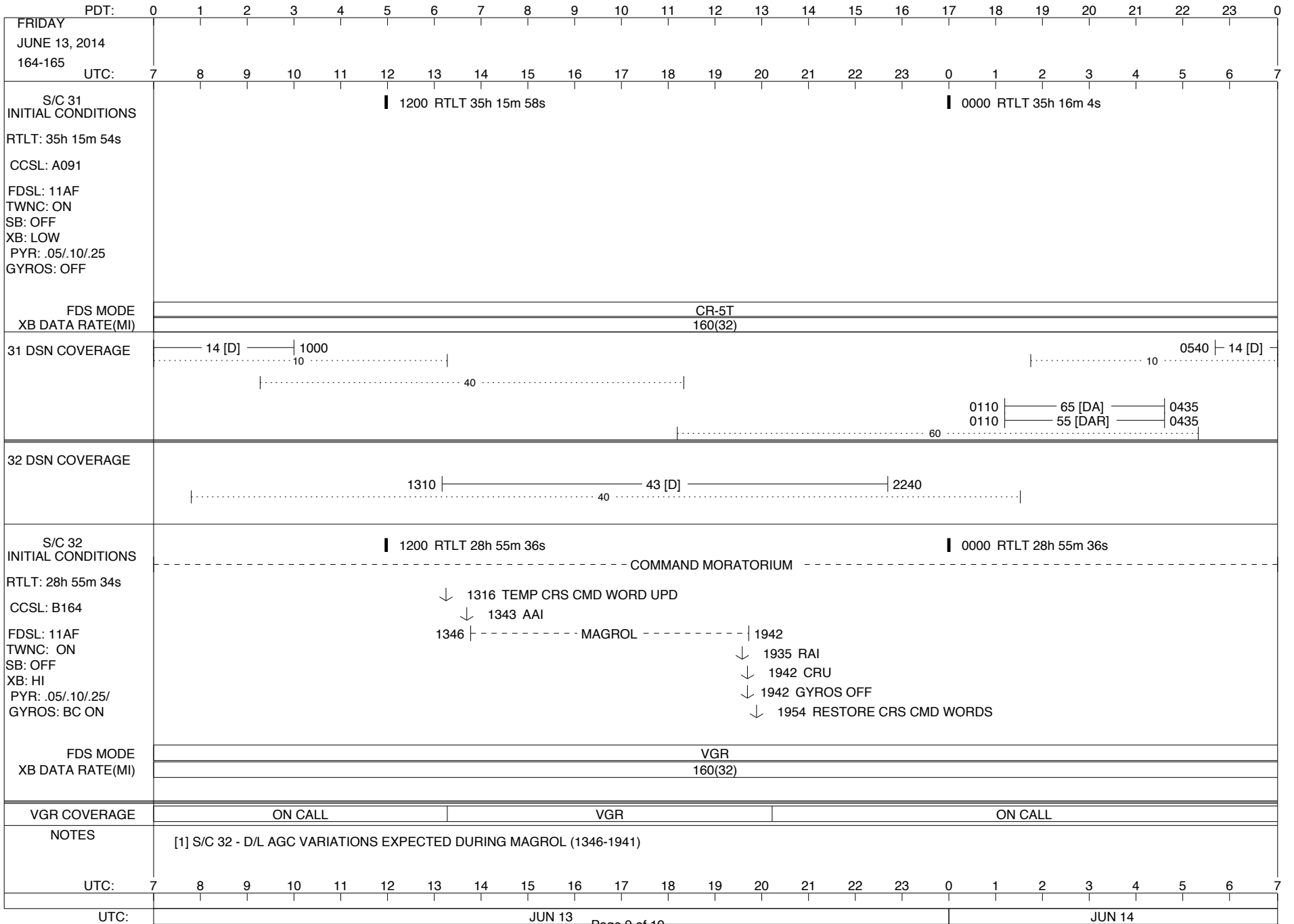




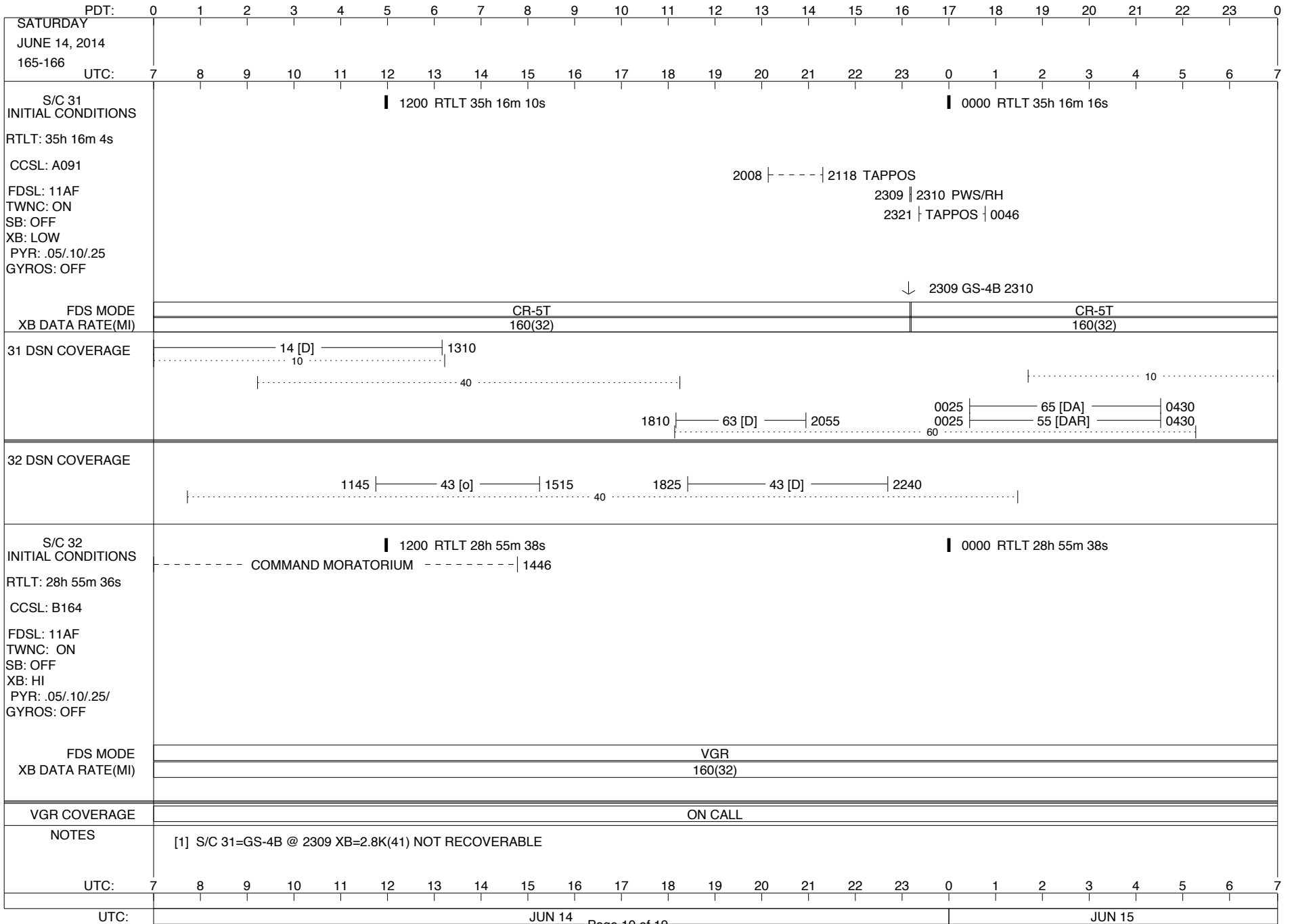
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TUESDAY																									
JUNE 10, 2014																									
161-162																									
		UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7																							
S/C 31 INITIAL CONDITIONS		1200 RTLT 35h 15m 26s												0000 RTLT 35h 15m 32s											
RTLTL: 35h 15m 20s																									
CCSL: A091		----- TLC (SHORT-FORM) D/L - 1033																							
FDSL: 11AF		1355 1356 PWS/RH																							
TWNC: ON		↓ 1355 GS-4B 1356																							
SB: OFF																									
XB: LOW																									
PYR: .05/10/25																									
GYROS: OFF																									
FDS MODE		CR-5T												CR-5T											
XB DATA RATE(MI)		160(32)												160(32)											
31 DSN COVERAGE		0925 -----14 [D]----- 1325																							
		-----10-----																							
		-----40-----																							
		-----10-----																							
		0000 -----63 [D]----- 0600																							
		-----60-----																							
32 DSN COVERAGE		1355 -----45 [D]----- 2145																							
		-----40-----																							
S/C 32 INITIAL CONDITIONS		1200 RTLT 28h 55m 30s												0000 RTLT 28h 55m 30s											
RTLTL: 28h 55m 28s																									
CCSL: B164																									
FDSL: 11AF		↓ 1333 GYRO INIT																							
TWNC: ON																									
SB: OFF																									
XB: HI																									
PYR: .05/10/25/																									
GYROS: BC ON																									
FDS MODE		VGR																							
XB DATA RATE(MI)		160(32)																							
VGR COVERAGE		ON CALL																							
NOTES		[1] S/C 31=GS-4B @ 1355 XB=2.8K(41) NOT RECOVERABLE																							
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UTC:		JUN 10												JUN 11											

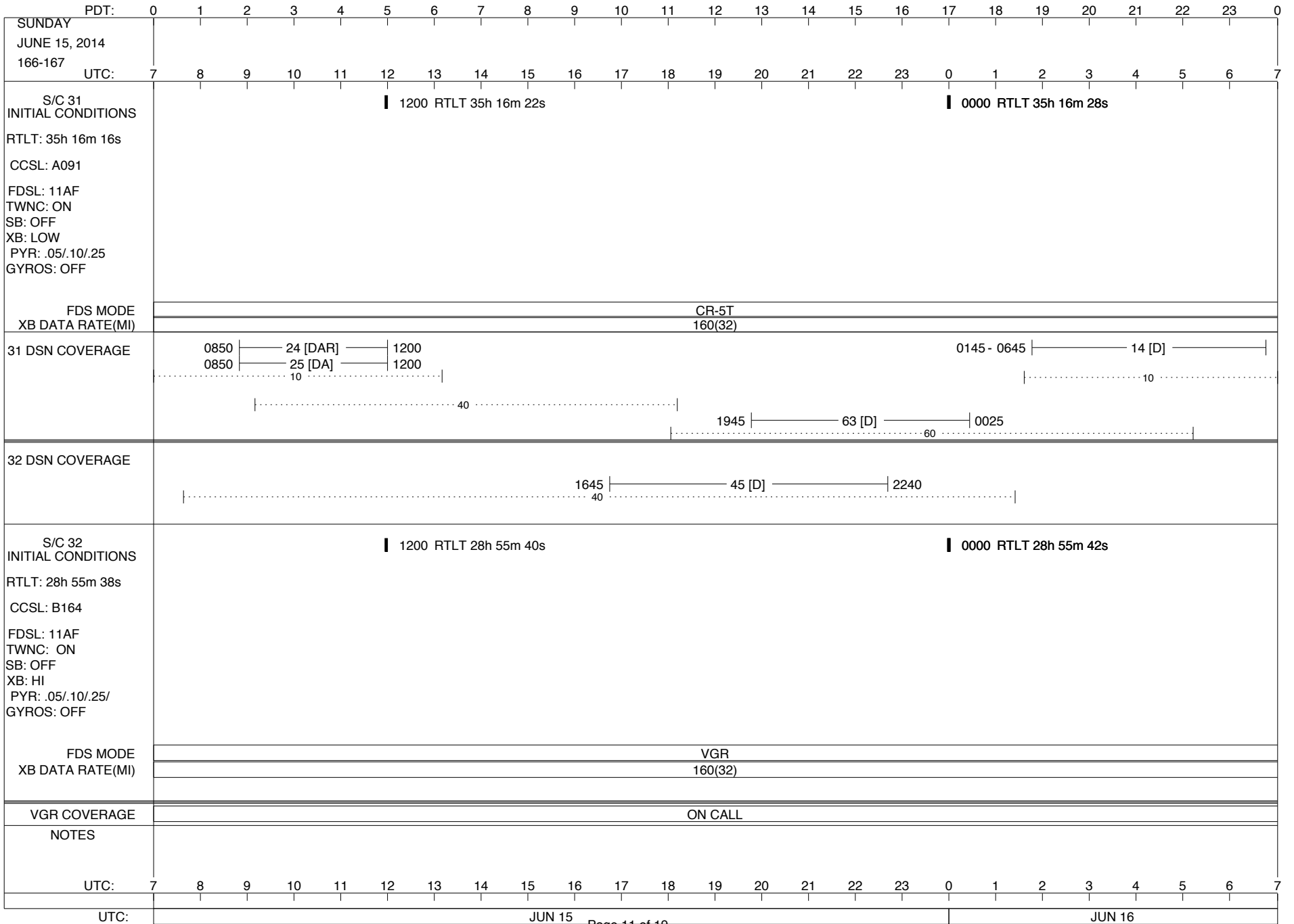


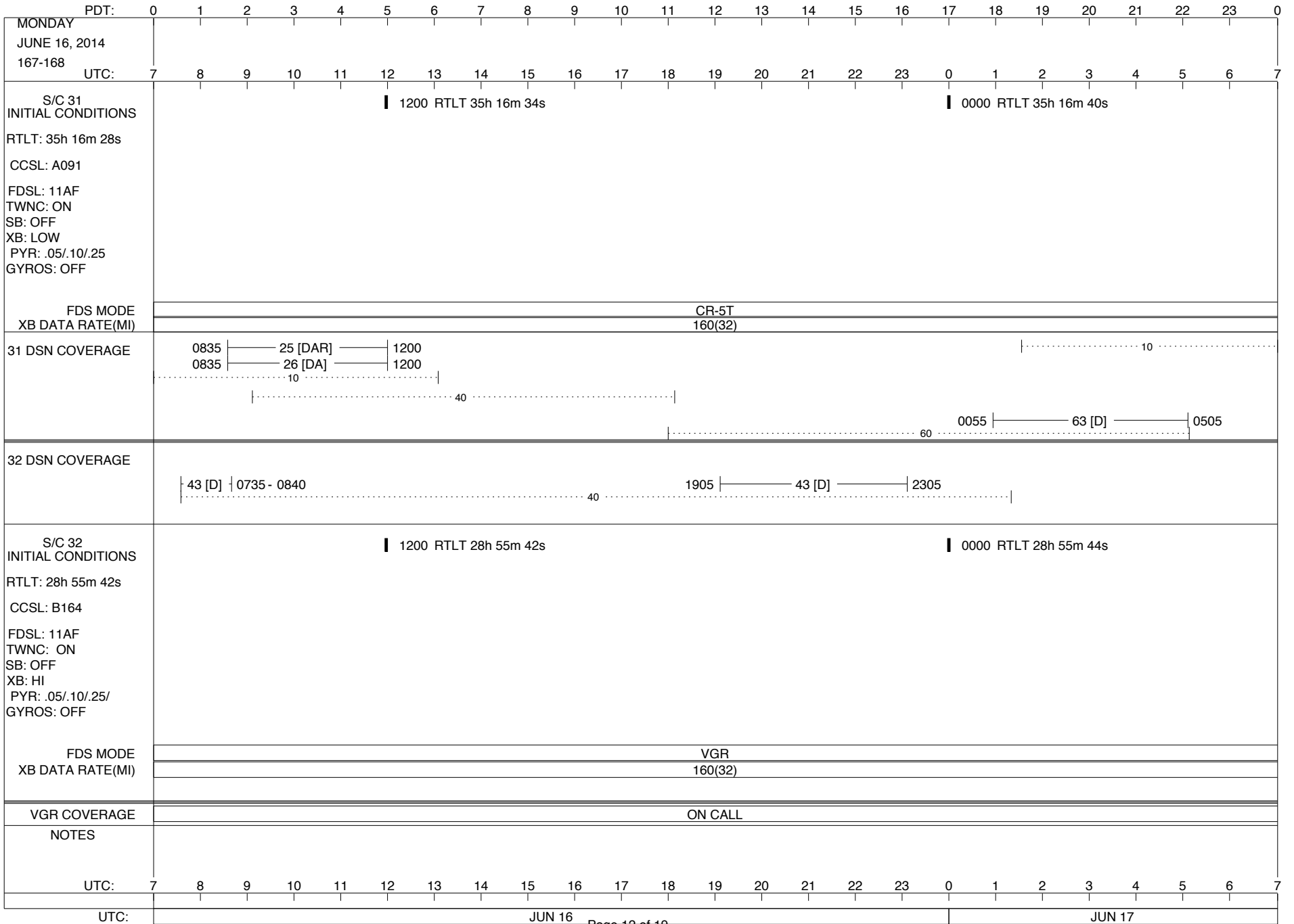




ISSUE DATE: 06/09/14 18:16

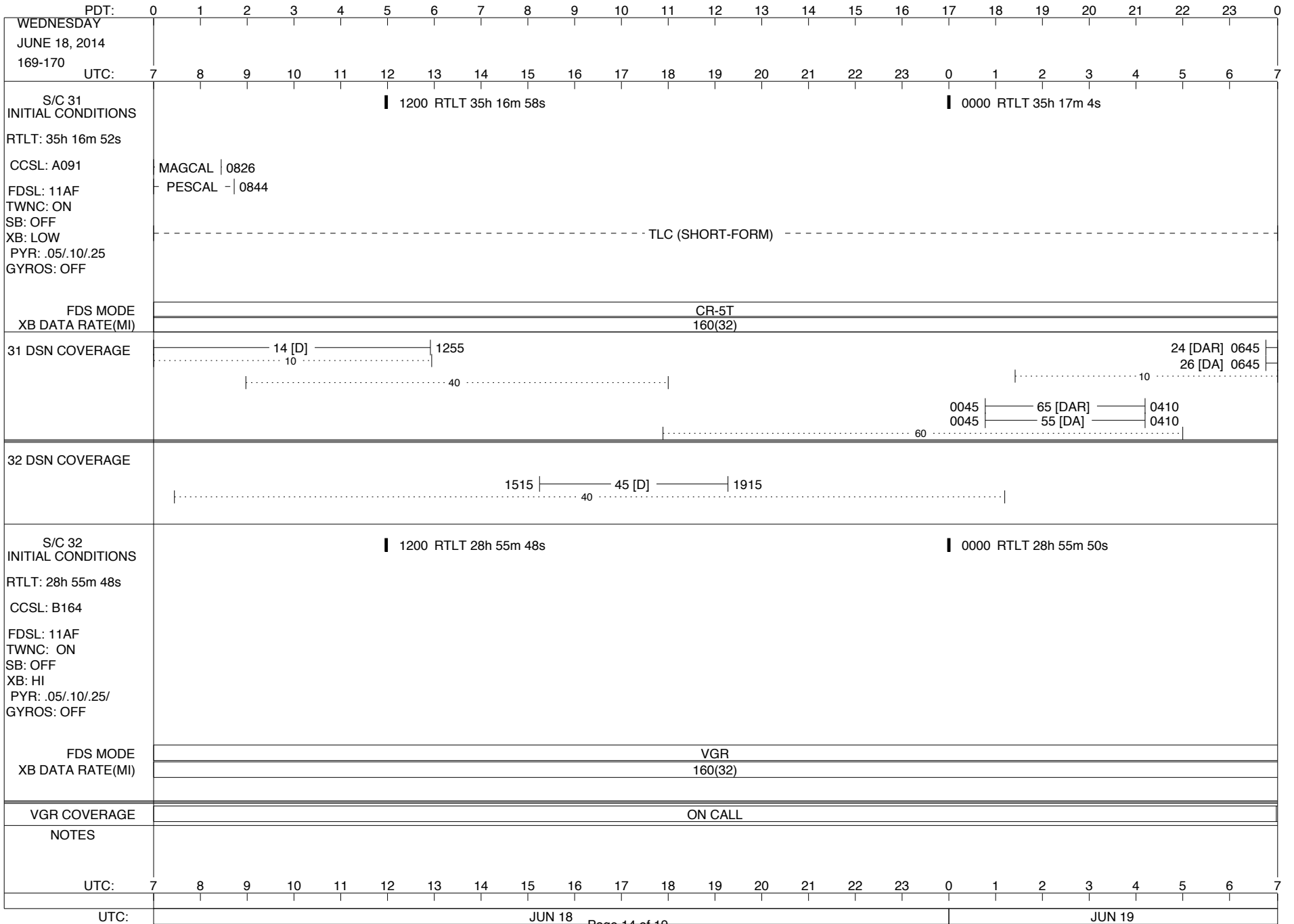






ISSUE DATE: 06/09/14 18:16

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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			
TUESDAY JUNE 17, 2014 168-169																												
S/C 31 INITIAL CONDITIONS RTLT: 35h 16m 40s CCSL: A091 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 16m 46s												0000 RTLT 35h 16m 52s															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)															
31 DSN COVERAGE 10 40 0505 14 [D] 							
 40 1945 63 0525							
32 DSN COVERAGE 1520 34 [D] 2200																	
S/C 32 INITIAL CONDITIONS RTLT: 28h 55m 44s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 55m 46s												0000 RTLT 28h 55m 48s															
FDS MODE XB DATA RATE(MI)	VGR 160(32)																											
VGR COVERAGE	ON CALL												VGR						ON CALL									
NOTES	[1] S/C 31=GS-4B @ 1332 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:	JUN 17														JUN 18													



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																													
JUNE 19, 2014																													
170-171																													
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 17m 4s CCSL: A091 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 17m 12s																											0000 RTLT 35h 17m 18s	
	* ↓ 0728 CCS CLK RST																	1644 ----- 1755 TAPPOS											
	* 0908 0915 CCSTIM F/C											1946 1947 PWS/RH																	
	TLC (SHORT-FORM) D/L - 1100											1958 TAPPOS 2122																	
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)														CR-5T 160(32)														
31 DSN COVERAGE																													
32 DSN COVERAGE																													
S/C 32 INITIAL CONDITIONS RTLTL: 28h 55m 50s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 55m 52s																											0000 RTLT 28h 55m 54s	
	0834 ----- COMMAND MORATORIUM																												
	FDS MODE XB DATA RATE(MI)	VGR 160(32)																											
	VGR COVERAGE	VGR														ON CALL													
NOTES	[1] S/C 31=GS-4B @ 1945 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:		JUN 19														JUN 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
FRIDAY JUNE 20, 2014 171-172	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 17m 18s CCSL: A091 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 17m 24s												0000 RTLT 35h 17m 30s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	0830 14 [D] 104540..... 10.....												2255 63 [D] 051560.....												
32 DSN COVERAGE	1225 43 [D] 185540.....																								
S/C 32 INITIAL CONDITIONS RTLTL: 28h 55m 54s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 55m 56s												0000 RTLT 28h 55m 58s												
FDS MODE XB DATA RATE(MI)													VGR 160(32)												
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES													↓ 1300 X/B LOW POWER ↓ 1304 BAY 1 HTR ON												
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:	JUN 20												JUN 21												

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 JUNE 21, 2014 172-173																									
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 17m 30s CCSL: A091 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 17m 38s												0000 RTLT 35h 17m 44s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0755 25 [DAR] 1015 0755 26 [DA] 1015 1000 14 [D] 1245 10 40 1750 63 [D] 2355 60												10												
32 DSN COVERAGE	1220 43 [D] 1415 1510 45 [D] 2210 40																								
S/C 32 INITIAL CONDITIONS RTLTL: 28h 55m 58s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 56m 0s												0000 RTLT 28h 56m 2s												
FDS MODE	VGR																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 2247 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:	JUN 21												JUN 22												

ISSUE DATE: 06/09/14 18:16

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 JUNE 22, 2014 173-174	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 17m 44s CCSL: A091 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 17m 50s												0000 RTLT 35h 17m 58s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	0815 ----- 14 [D] ----- 1240 ----- 10 ----- ----- 40 -----												1750 ----- 63 [D] ----- 0510 ----- 60 -----												
32 DSN COVERAGE	1145 ----- 45 [D] ----- 1605 ----- 40 -----												1845 ----- 34 [D] ----- 2210 ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 56m 2s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 56m 4s												0000 RTLT 28h 56m 6s												
FDS MODE XB DATA RATE(MI)	VGR 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:	JUN 22												JUN 23												

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 JUNE 23, 2014 174-175																											
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 17m 58s CCSL: A091 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;"> 1200 RTLT 35h 18m 4s</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<p>0800 24 [DAR] 0800 25 [DA]10..... 40..... </p>																										
32 DSN COVERAGE	<p>1120 34 [D] 1220 1520 -----45 [D]----- 2145</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 28h 56m 6s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	<p style="text-align: center;"> 1200 RTLT 28h 56m 8s</p>																										
FDS MODE XB DATA RATE(MI)														VGR 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:	JUN 23													JUN 24													