

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: May 14, 2014

For the Period: 05/15/14 to 06/02/21 (14-135 – 14-153)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

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SCIENCE

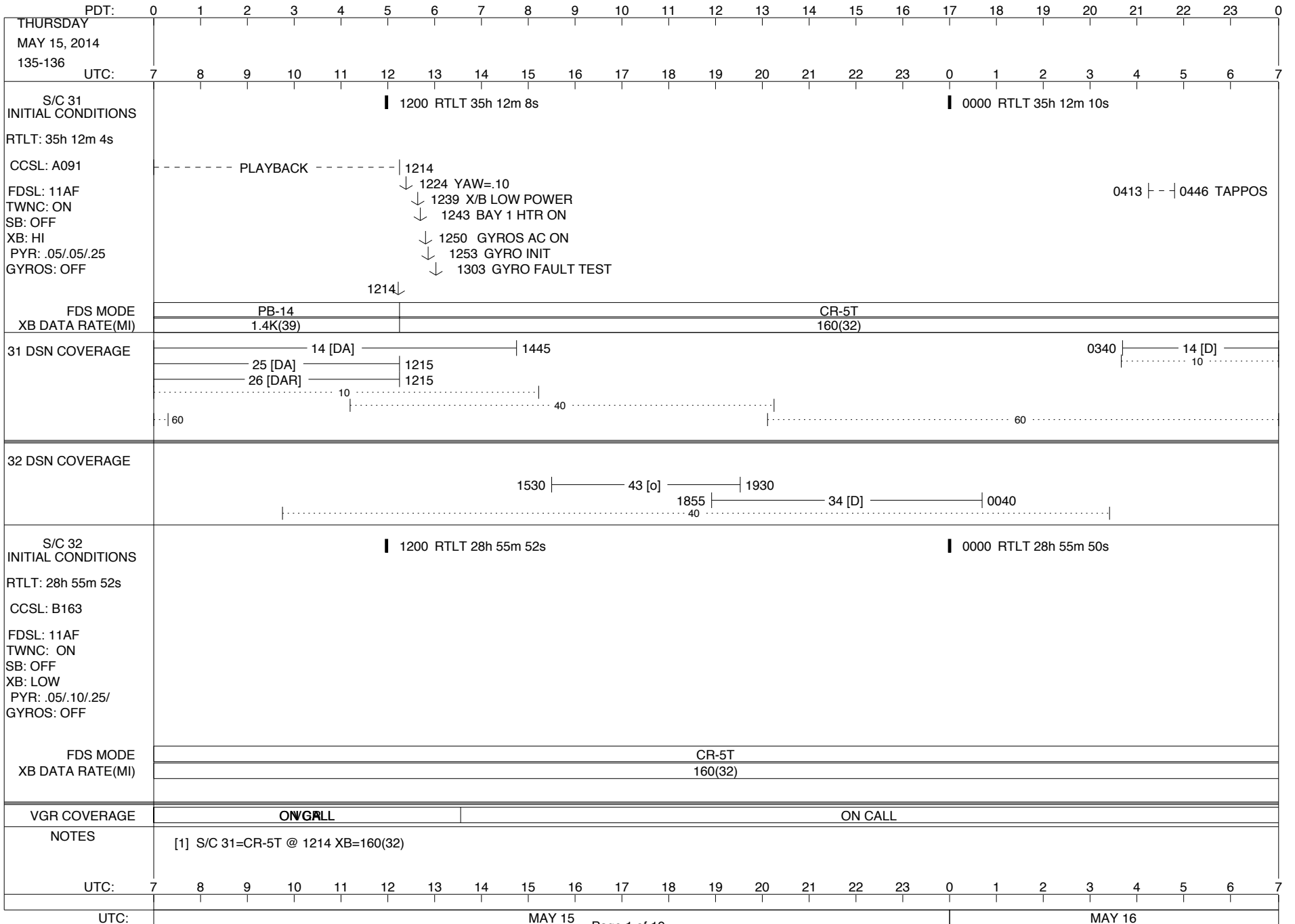
CRS *bryant@mail630.gsfc.nasa.gov
 LECP *r.decker@jhuapl.edu
 UVS *holburg@argus.lpl.arizona.edu
 MAG *u2mha@lepvox.gsfc.nasa.gov
 PLS *vgr@space.mit.edu
 PWS *wsk@space.physics.uiowa.edu
 *Leonard.F.Burlaga@nasa.gov
 *Donald-Gurnett@uiowa.edu

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

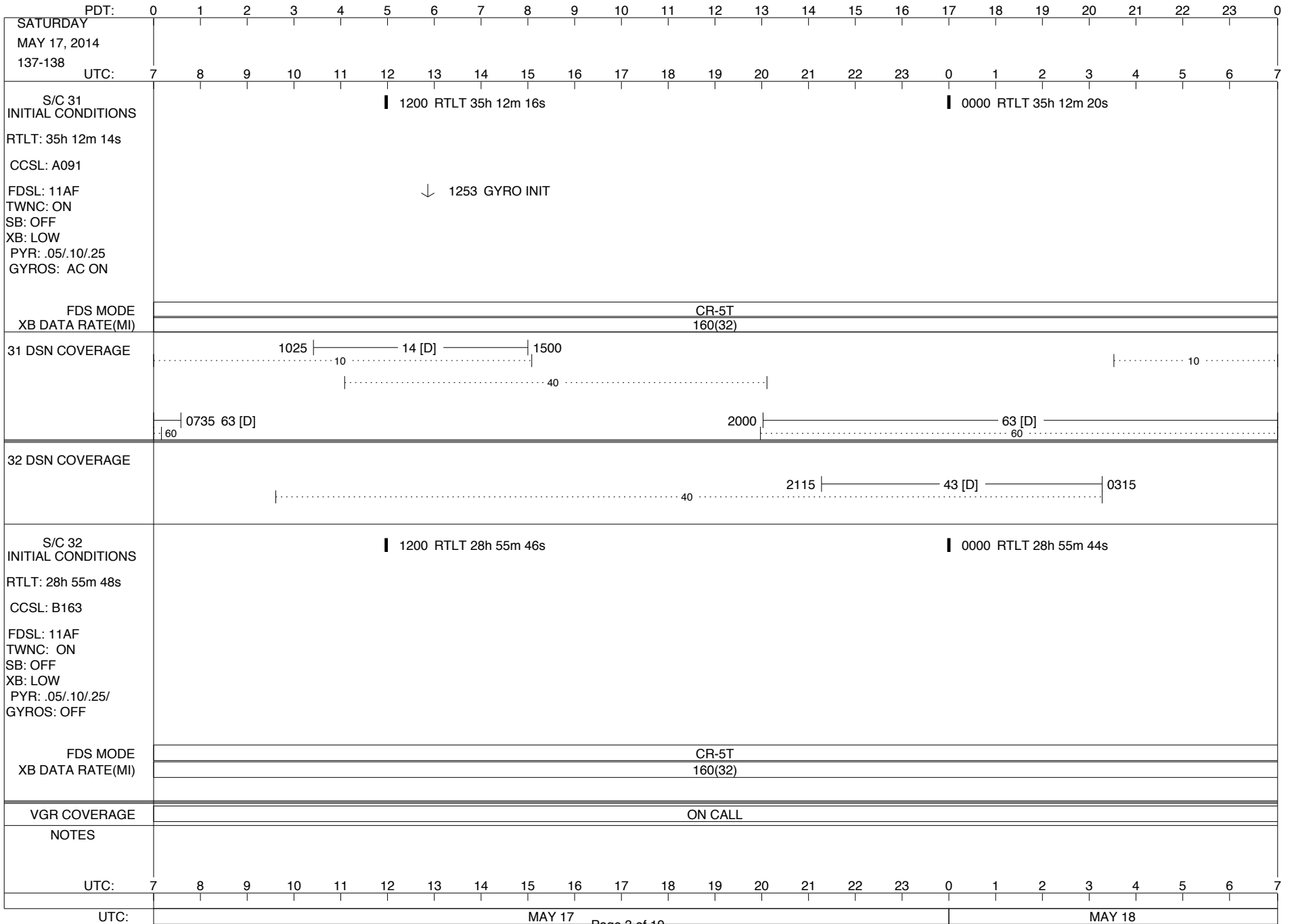
*Electronic Copy Only
 (16 – Dist/N: Paper Copies)
 09/08/10



ISSUE DATE: 05/15/14 06:38

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FRIDAY MAY 16, 2014 136-137																										
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S/C 31 INITIAL CONDITIONS RTLT: 35h 12m 10s CCSL: A091 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON						█ 1200 RTLT 35h 12m 12s															█ 0000 RTLT 35h 12m 14s					
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	14 [D] 0825												10													
	60												40													
													60													
													0250 63 [D]													
32 DSN COVERAGE													1630 40													
													34 [o] 0035													
S/C 32 INITIAL CONDITIONS RTLT: 28h 55m 50s CCSL: B163 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF						█ 1200 RTLT 28h 55m 48s																				
FDS MODE													CR-5T													
XB DATA RATE(MI)													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	
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ISSUE DATE: 05/15/14 06:38



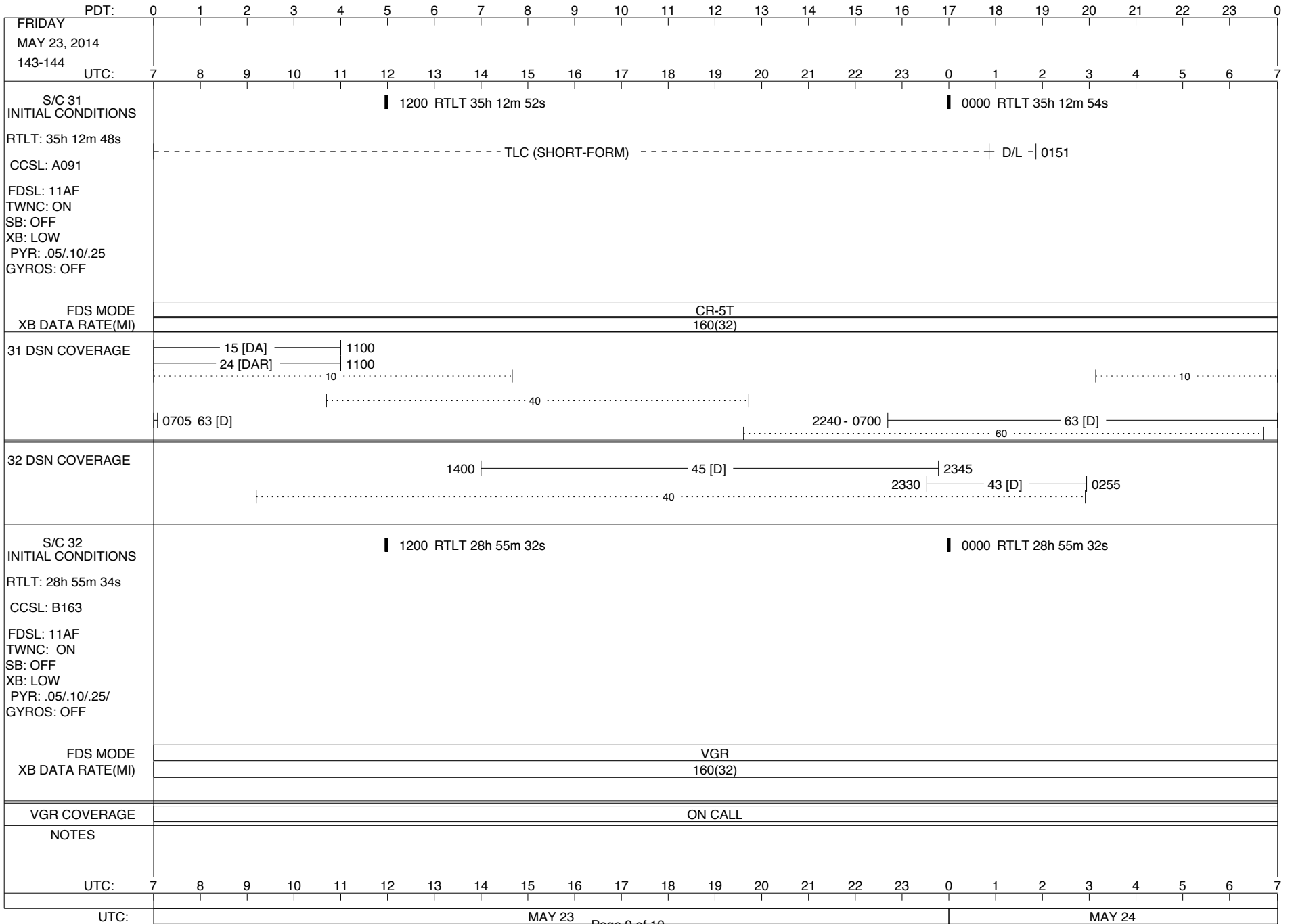
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WEDNESDAY MAY 21, 2014 141-142																									
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S/C 31 INITIAL CONDITIONS RTLT: 35h 12m 36s CCSL: A091 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON						█ 1200 RTLT 35h 12m 38s															█ 0000 RTLT 35h 12m 42s				
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 28h 55m 38s CCSL: B163 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF						█ 1200 RTLT 28h 55m 36s																█ 0000 RTLT 28h 55m 36s			
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: 05/15/14 06:38

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 22, 2014 142-143																																				
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 12m 42s CCSL: A091 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON	1200 RTLT 35h 12m 46s ↓ 1256 GYROS OFF U/L 1310 ----- TLC (SHORT-FORM)												0000 RTLT 35h 12m 48s																							
FDS MODE	CR-5T				EL-40				CR-5T				CR-5T																							
XB DATA RATE(MI)	160(32)				40(30)				160(32)				160(32)																							
31 DSN COVERAGE	1245 ----- 14 [T1] ----- 1440 ----- 40 -----												15 [DA] 0630 ----- 24 [DAR] 0630 ----- ----- 10 -----																							
32 DSN COVERAGE	1450 ----- 43 [Ho4] ----- 2140 ----- 40 -----												0225 ----- 63 [D] ----- ----- 60 -----																							
S/C 32 INITIAL CONDITIONS RTLTL: 28h 55m 36s CCSL: B163 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 55m 34s												0000 RTLT 28h 55m 34s																							
FDS MODE	VGR																																			
XB DATA RATE(MI)	160(32)																																			
VGR COVERAGE	ON CALL												VGR												ON CALL											
NOTES	[1] RE-ENA BL X-LO BACKUP U/L TRACK [2] S/C 31=EL-40 @ 1330 XB=40(30) [3] S/C 31=CR-5T @ 1426 XB=160(32)												[4] B164 BACKUP U/L SUPPORT [5] S/C 31=GS-4B @ 2120 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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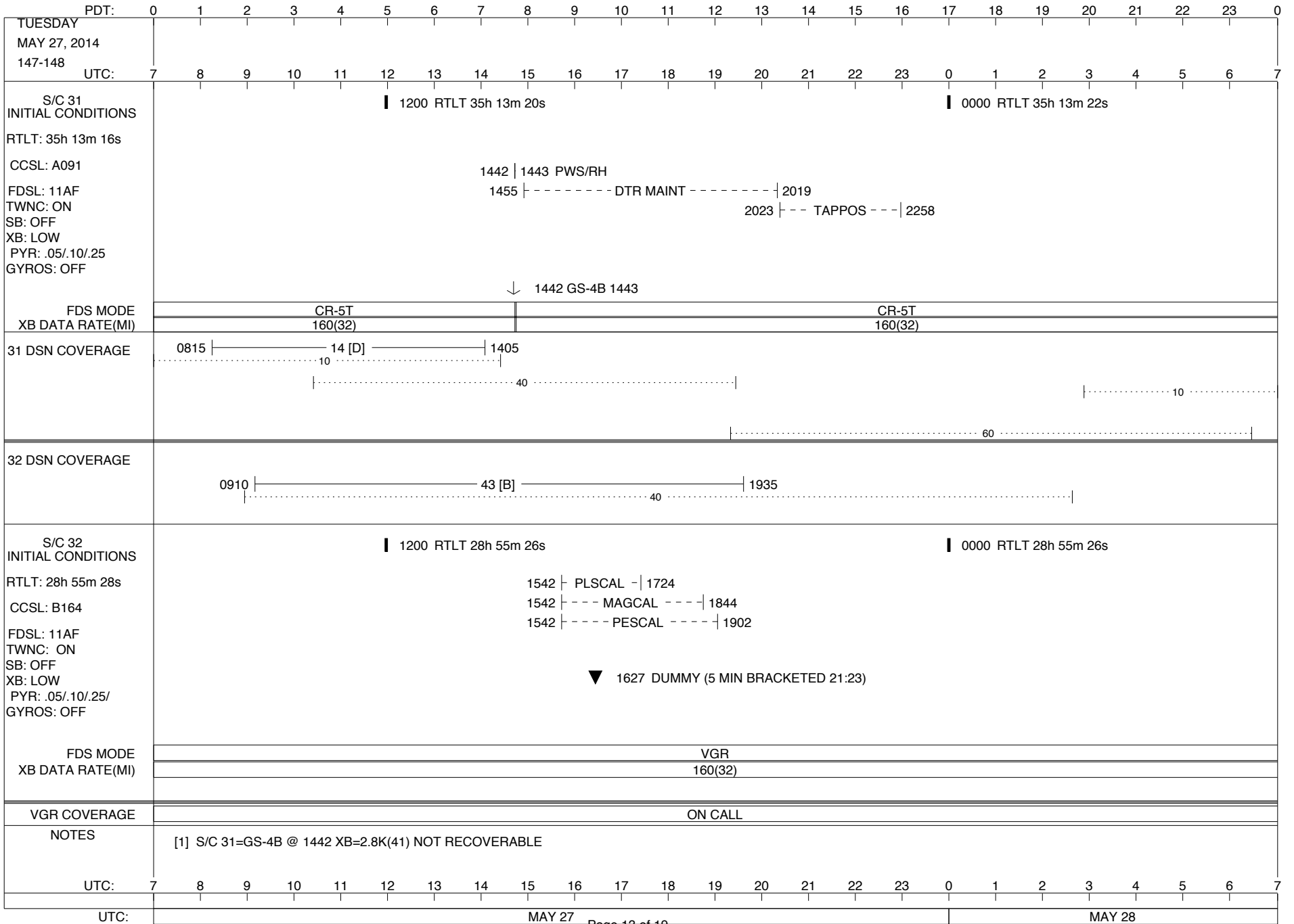


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SATURDAY MAY 24, 2014 144-145	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 35h 12m 54s CCSL: A091 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 12m 58s												0000 RTLT 35h 13m 2s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0955 25 [DA] 1225 0955 26 [DAR] 1225 10 40 0700 63 [D] 1935- 0700 63 [D] 10											 60 												
32 DSN COVERAGE 1155 45 [D] 2220 40 												
S/C 32 INITIAL CONDITIONS RTLTL: 28h 55m 32s CCSL: B163 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 55m 30s												0000 RTLT 28h 55m 30s												
FDS MODE	VGR												VGR												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0019 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 24												MAY 25												

ISSUE DATE: 05/15/14 06:38

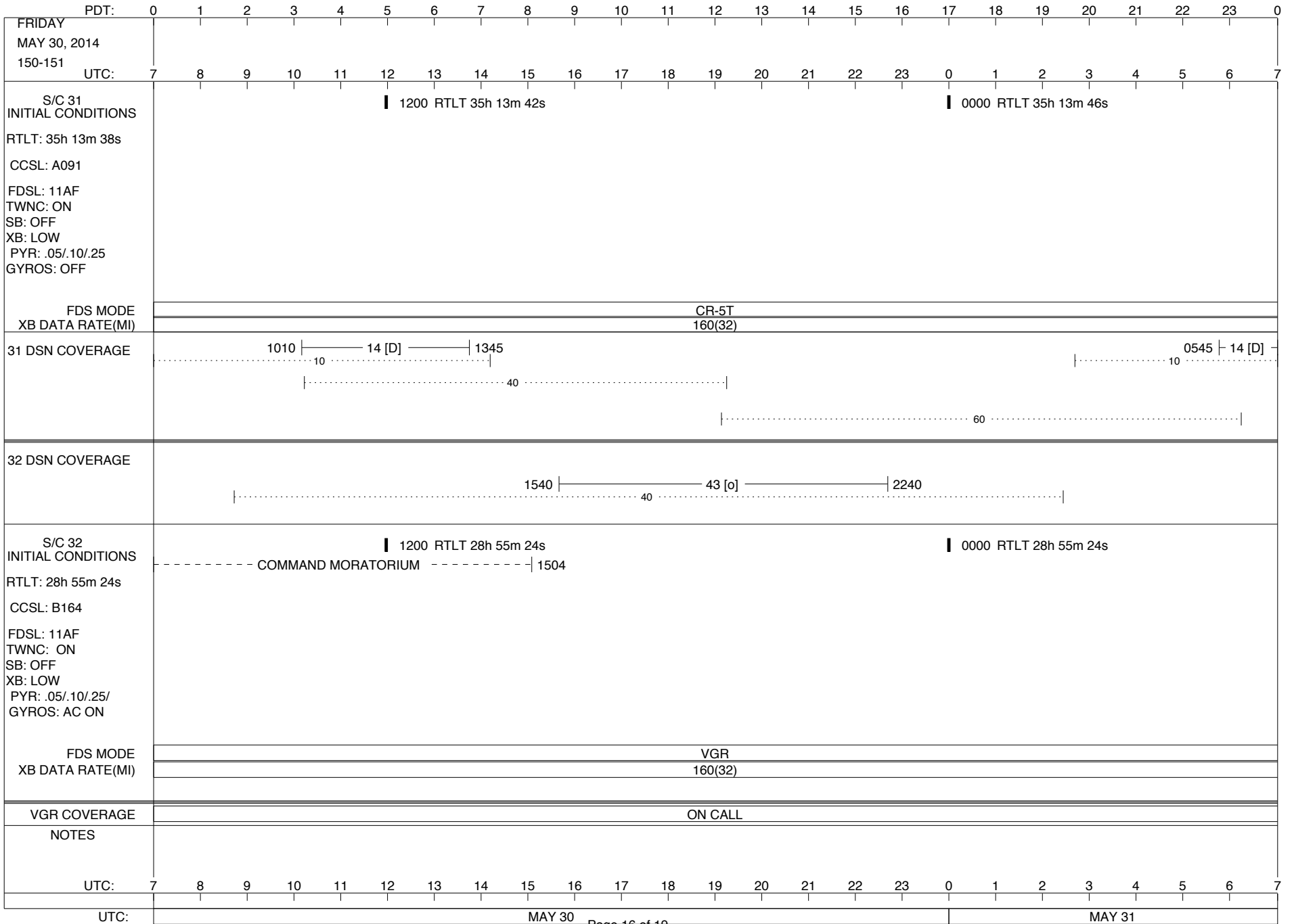
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SUNDAY MAY 25, 2014 145-146																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 35h 13m 2s CCSL: A091 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 13m 4s												0000 RTLT 35h 13m 8s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE 10 10													
 40 10													
	0700 63 [D]												2230 63 [D] 0540													
32 DSN COVERAGE 1550 45 [D] 2350											 40													
S/C 32 INITIAL CONDITIONS RTLT: 28h 55m 30s CCSL: B163 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 55m 30s												0000 RTLT 28h 55m 28s													
FDS MODE													VGR													
XB DATA RATE(MI)													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 25													MAY 26												

ISSUE DATE: 05/15/14 06:38



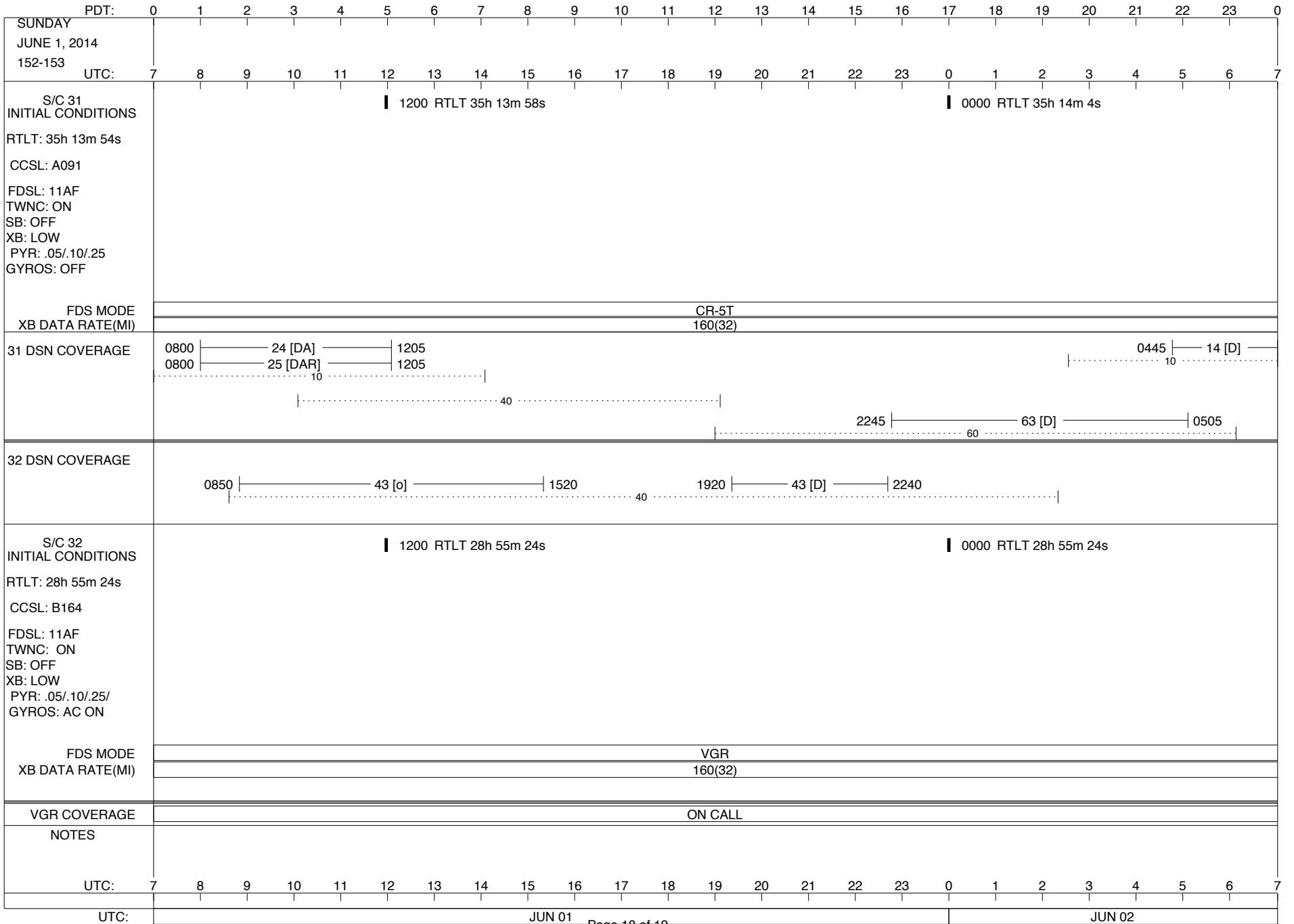
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THURSDAY MAY 29, 2014 149-150																										
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLTL: 35h 13m 30s CCSL: A091 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 13m 34s												0000 RTLT 35h 13m 38s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)													
31 DSN COVERAGE	14 [D] 0705 - 1150												10 40 0200 - 0625 63 [D]													
32 DSN COVERAGE	1235 34 [D] 1905												1945 43 [D] 2240													
S/C 32 INITIAL CONDITIONS RTLTL: 28h 55m 26s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 28h 55m 26s												0000 RTLT 28h 55m 24s													
FDS MODE XB DATA RATE(MI)	VGR 160(32)												VGR 160(32)													
VGR COVERAGE	ON CALL												VGR ON CALL													
NOTES	[1] S/C 31=GS-4B @ 2055 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 29														MAY 30											



ISSUE DATE: 05/15/14 06:38

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 31, 2014 151-152	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 13m 46s CCSL: A091 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 35h 13m 50s												0000 RTLT 35h 13m 54s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	14 [D] 1405 10												1545 43 [D] 1855 40												
32 DSN COVERAGE	1505 45 [D] 2000 40												1940 43 [D] 2240 60												
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 RTLT 28h 55m 24s												0000 RTLT 28h 55m 24s												
FDS MODE XB DATA RATE(MI)	VGR 160(32)												VGR 160(32)												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 2356 XB=2.8K(41) NOT RECOVERABLE																								
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UTC:	MAY 31												JUN 01												



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 2, 2014 153-154																											
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 14m 4s CCSL: A091 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 35h 14m 8s</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<p>14 [D] 1205</p> <p>10</p> <p>40</p>																										
32 DSN COVERAGE	<p>1115 34 [D] 1955</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 28h 55m 24s CCSL: B164 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: AC ON	<p>1200 RTLT 28h 55m 24s</p> <p>2000 GYRO INIT</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 02													JUN 03													