

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: May 11, 2016

For the Period: 05/12/16 to 05/29/16 (16-133 – 16-150)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

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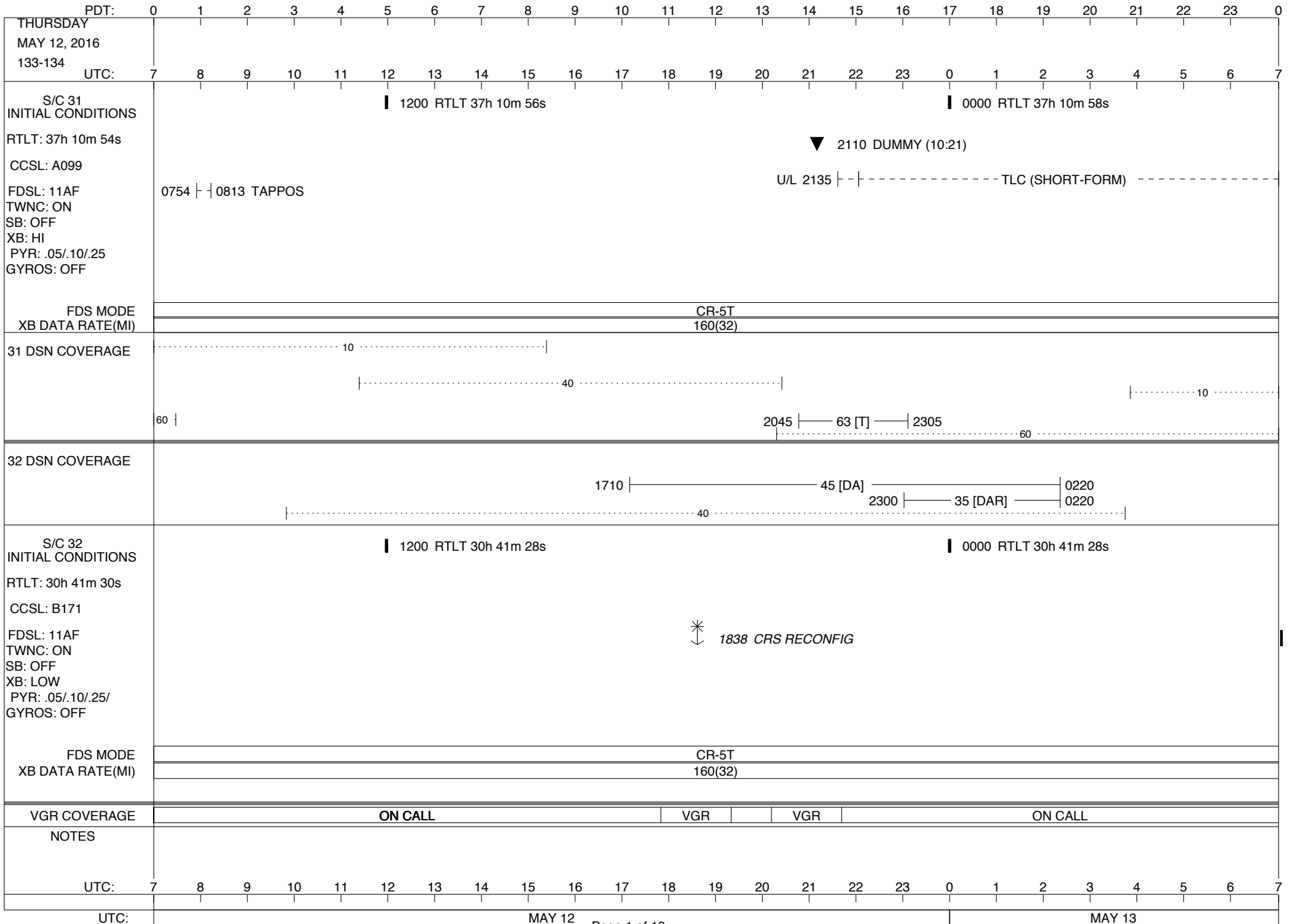
FLIGHT TEAM (14) 600-100

Dodd, S.
 Hall, J.
 Howard, S. (3)
 Ludwig, R. (2)
 Matsumoto, S.
 Medina
 Peralta, F.
 Weeks, T.
 Wong, R.
 Yang, L.
 Zottarelli, L.
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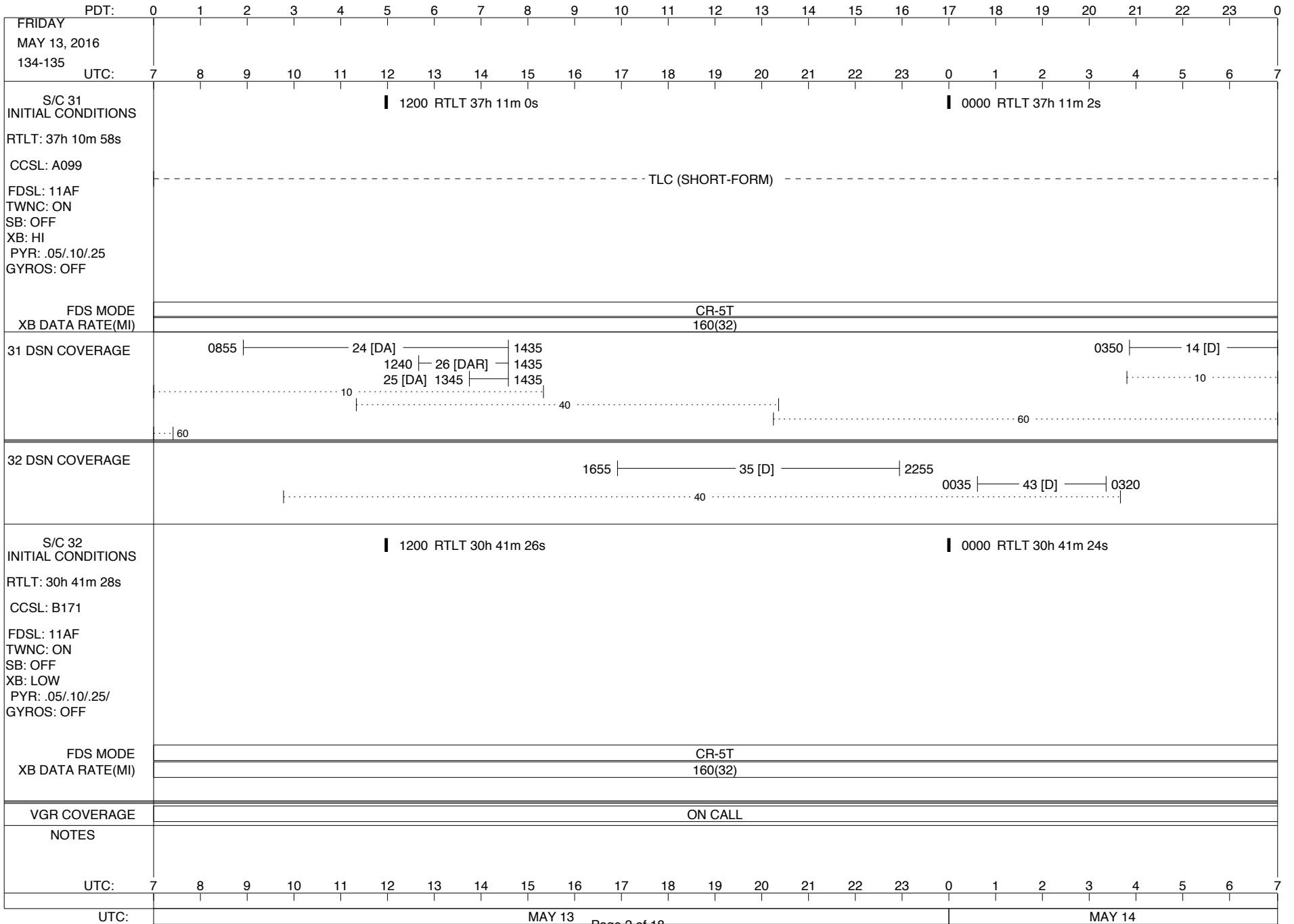
LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U = Uplink only pass
 [o] = Ramp-through

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

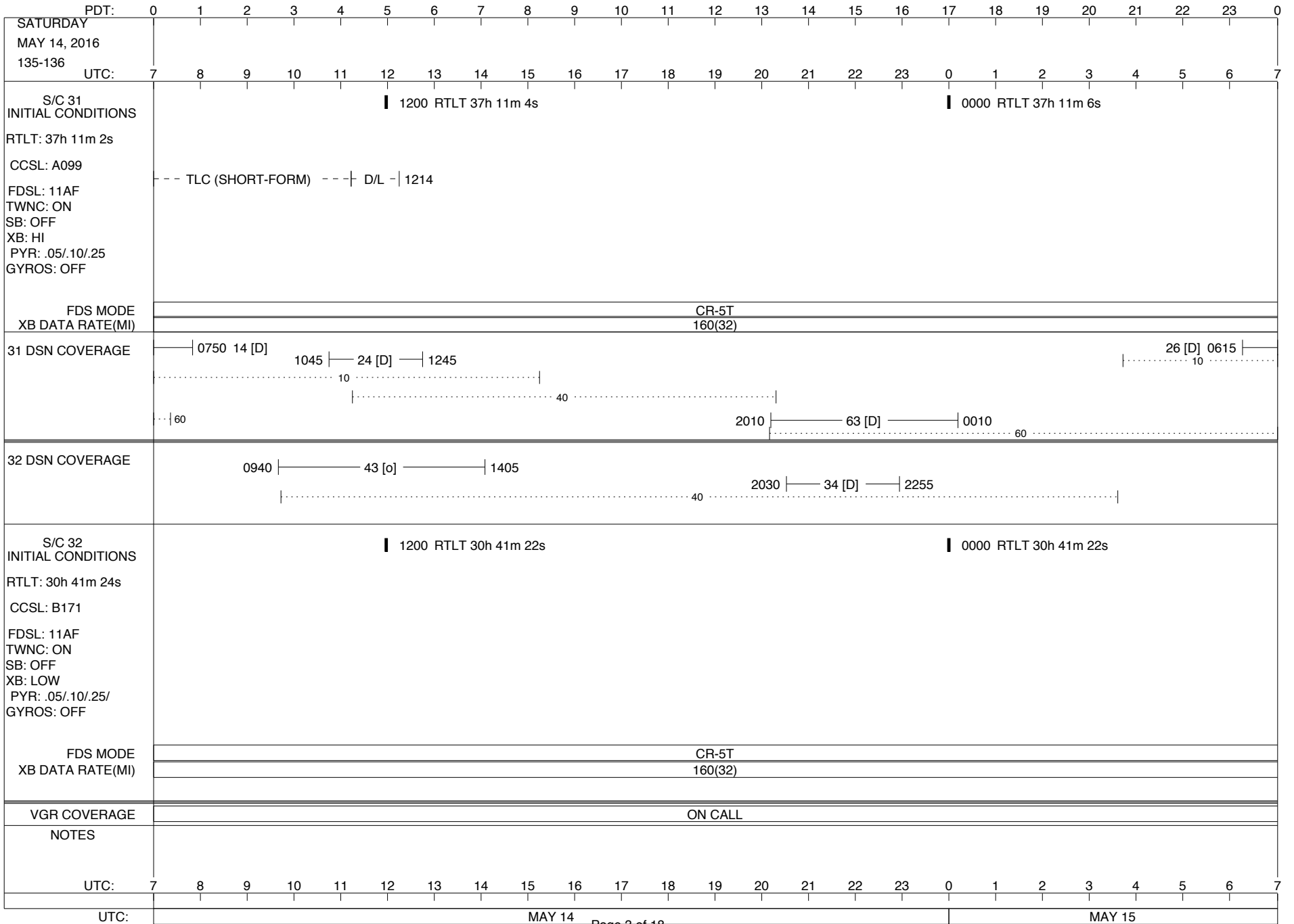
ISSUE DATE: 05/16/16 08:05



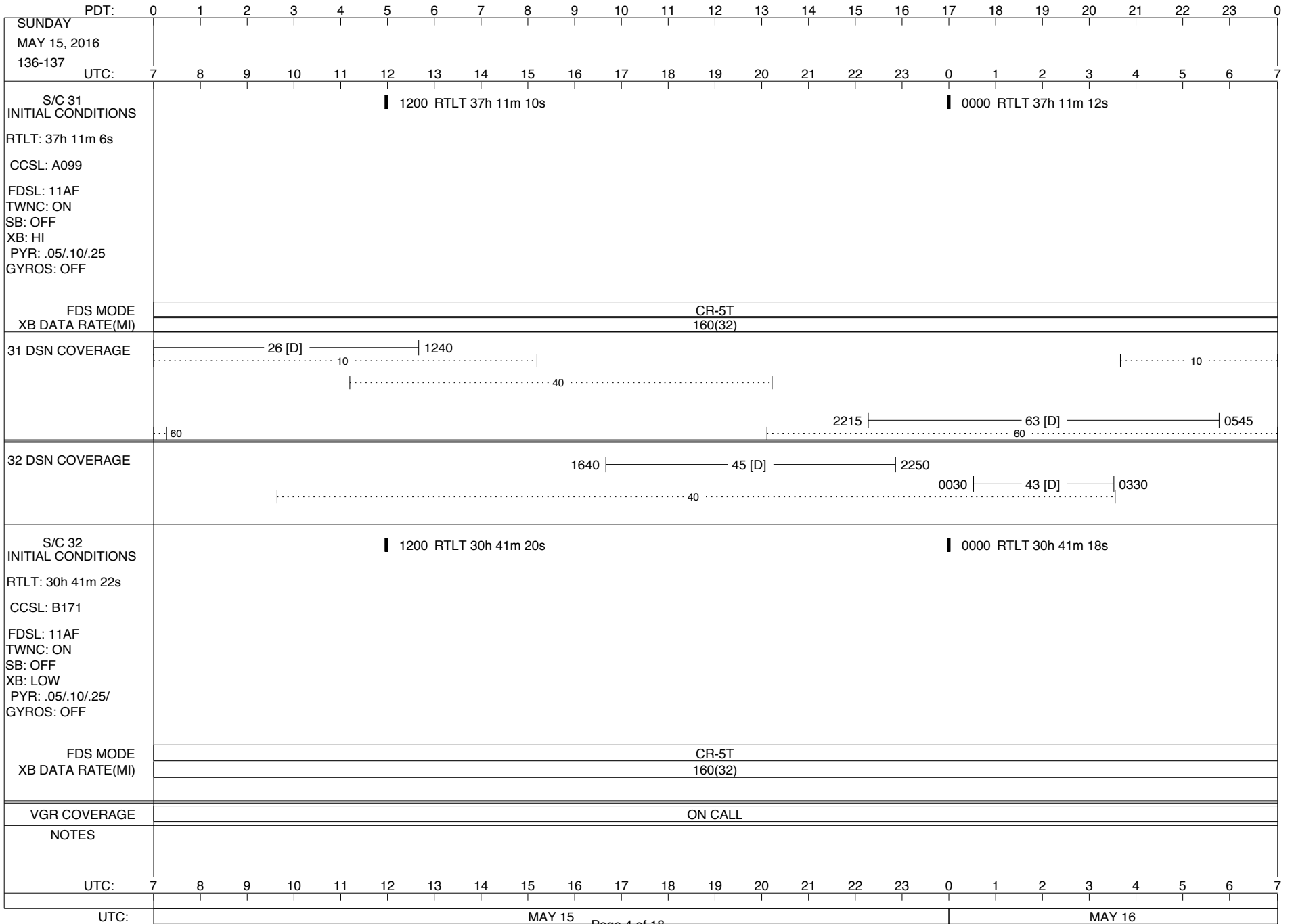
ISSUE DATE: 05/16/16 08:05



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ISSUE DATE: 05/16/16 08:05

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 16, 2016 137-138																									
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S/C 31 INITIAL CONDITIONS RTLT: 37h 11m 12s CCSL: A099 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 11m 14s												0000 RTLT 37h 11m 16s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1020 | 26 [D] | 1235												| 10												
	| 10												| 40												
	| 60												| 60												
	| 60												| 60												
32 DSN COVERAGE	1800 | 35 [D] | 2055																								
	| 40																								
S/C 32 INITIAL CONDITIONS RTLT: 30h 41m 18s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLT 30h 41m 18s												| 0000 RTLT 30h 41m 16s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												ON CALL												
NOTES																									
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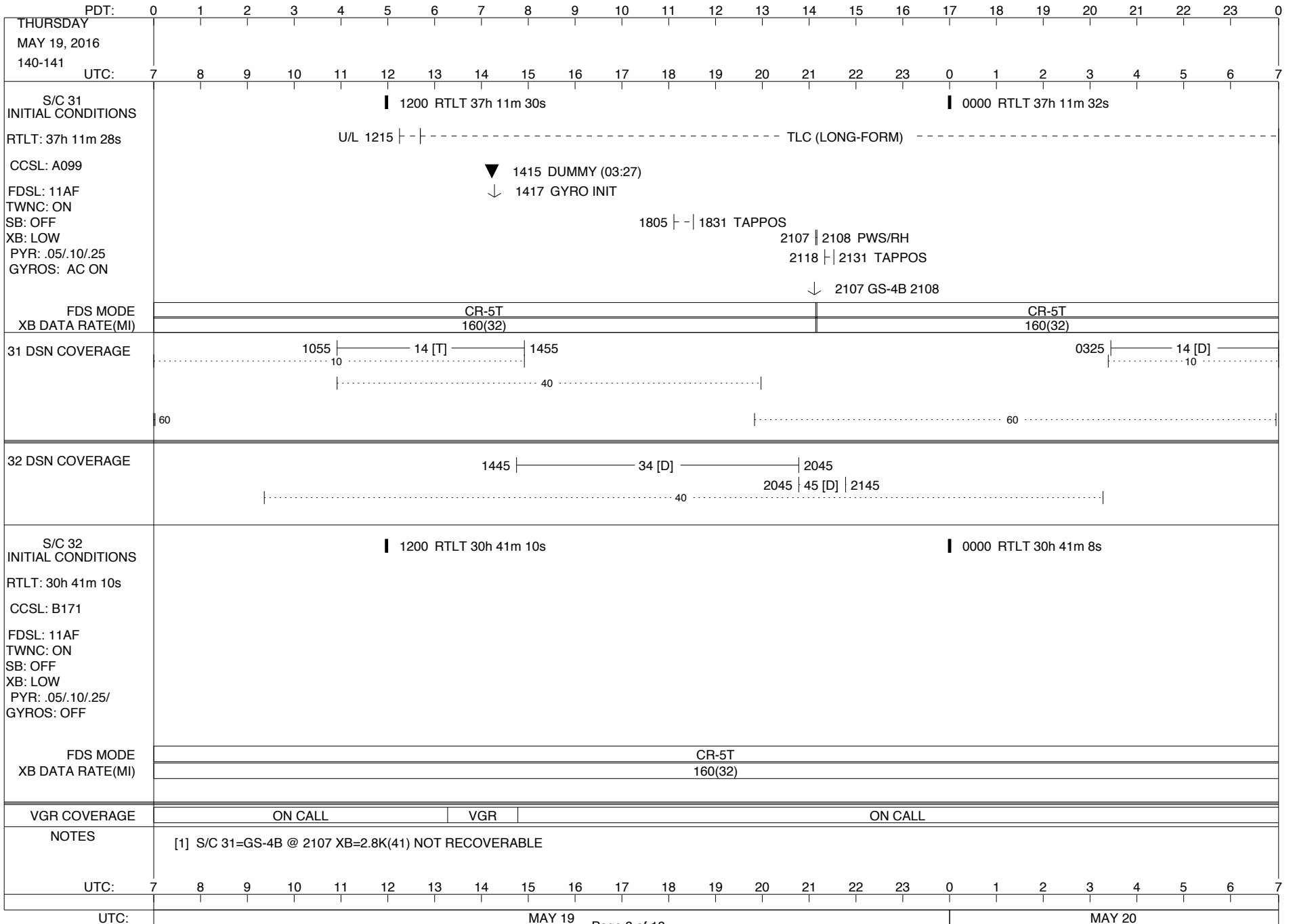
ISSUE DATE: 05/16/16 08:05

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S/C 31 INITIAL CONDITIONS RTLT: 37h 11m 16s CCSL: A099 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 37h 11m 20s</p> <p>↓ 1354 ENA AHELII2 1357 1358 2 AHELII2 SID MRO'S</p> <p>↓ 1405 X/B LOW POWER ↓ 1409 BAY 1 HTR ON</p> <p>↓ 1417 GYRO AC ON ↓ 1417 GYRO INIT ↓ 1427 GYRO FAULT TEST</p> <p>1453 1454 PWS/RH ↓ 1453 GS-4B 1454</p>												<p>0000 RTLT 37h 11m 22s</p>												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	<p>.....10.....|</p> <p>1330 |-----| 1445 34 [DAR] 1330 |-----| 1445 45 [DA]</p> <p>.....40.....|</p> <p>0155 |-----| 65 [DAR] -----| 0555 0155 |-----| 55 [DA] -----| 0555</p> <p>|60.....60</p>												<p>.....10</p>												
32 DSN COVERAGE	<p>0930 |-----| 43 [D] -----| 1440</p> <p>1540 |-----| 34 [D] -----| 1710</p> <p>.....40.....|</p> <p>2115 |-----| 35 [D] -----| 2235</p>												<p>.....40</p>												
S/C 32 INITIAL CONDITIONS RTLT: 30h 41m 16s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	<p>1200 RTLT 30h 41m 14s</p>												<p>0000 RTLT 30h 41m 14s</p>												
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 @ 1453 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 17												MAY 18												

ISSUE DATE: 05/16/16 08:05

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WEDNESDAY MAY 18, 2016 139-140																									
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S/C 31 INITIAL CONDITIONS RTLT: 37h 11m 22s CCSL: A099 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON	1200 RTLT 37h 11m 24s												0000 RTLT 37h 11m 28s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	.....| 10 .....										.....| 40										0325 |----- 14 [D] -----| 0555 .....| 10			
32 DSN COVERAGE	1035 |----- 43 [B] -----| 1405				1835 |----- 35 [D] -----| 2235				0015 |----- 43 [D] -----| 0320				.....| 40											
S/C 32 INITIAL CONDITIONS RTLT: 30h 41m 14s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLT 30h 41m 12s												| 0000 RTLT 30h 41m 10s												
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 18												MAY 19												

ISSUE DATE: 05/16/16 08:05



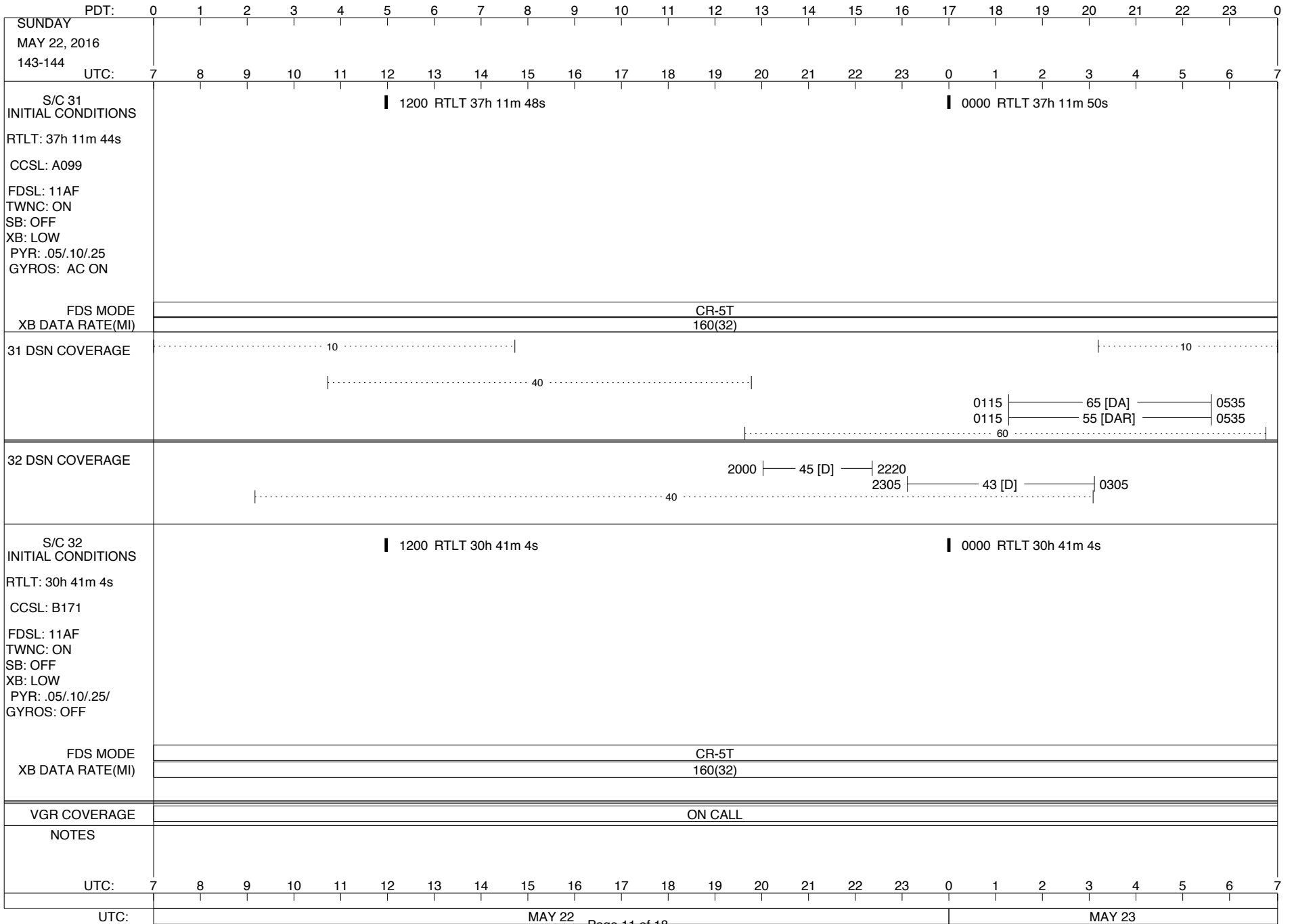
ISSUE DATE: 05/16/16 08:05

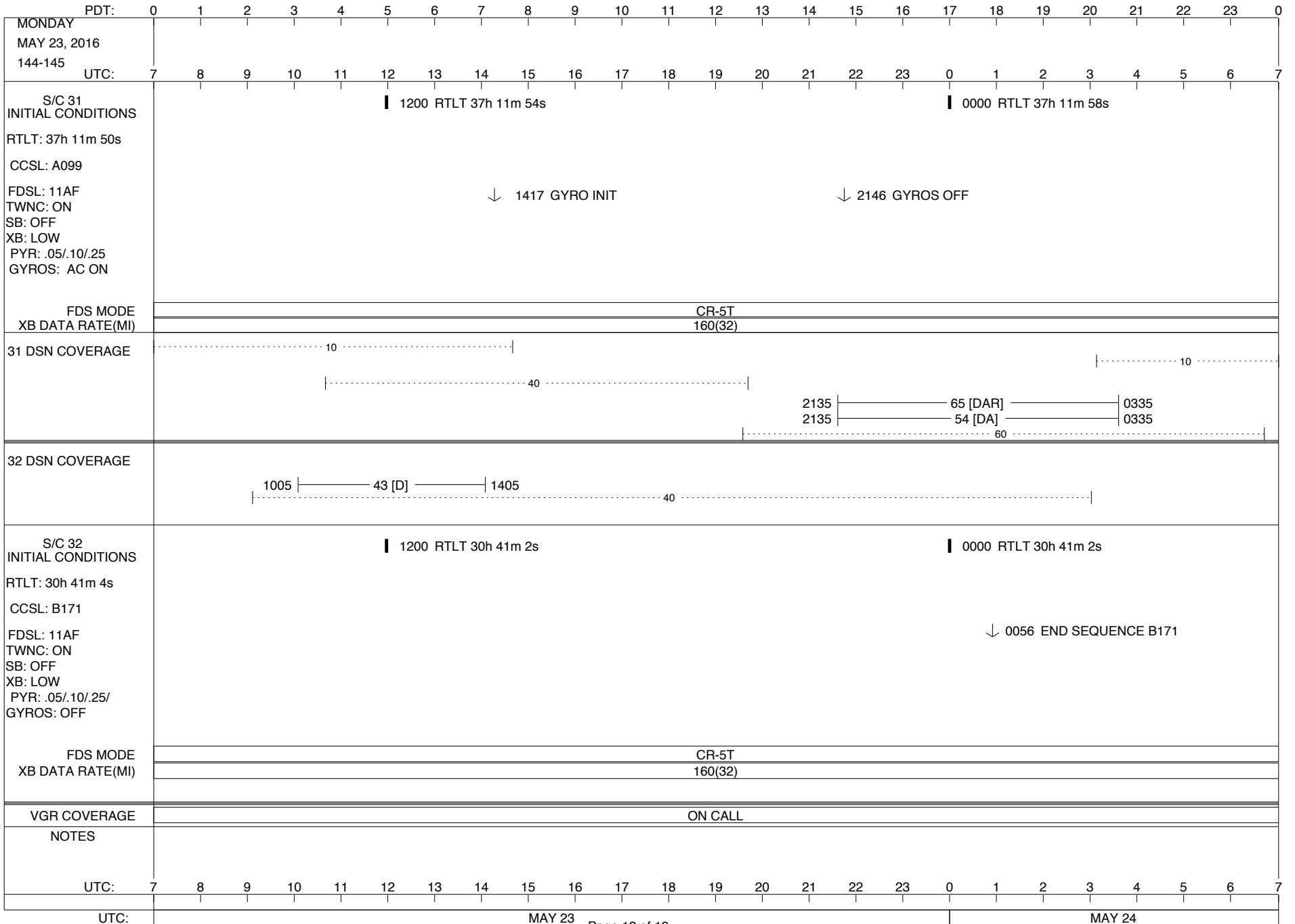
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FRIDAY MAY 20, 2016 141-142																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 37h 11m 32s CCSL: A099 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON	█ 1200 RTLT 37h 11m 36s												█ 0000 RTLT 37h 11m 38s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	| 0725 14 [D] | ..... |												| ..... | 10 | ..... |												
	| ..... | 10 | ..... |												| ..... | 40 | ..... |												
	| ..... |												0010 | ..... 65 [DAR] ..... | 0545											
	| ..... |												0010 | ..... 55 [DA] ..... | 0545											
	| ..... |												60 | ..... |												
32 DSN COVERAGE	| ..... | 1505 | ..... 34 [o] ..... | 2230 | ..... |												| ..... |
S/C 32 INITIAL CONDITIONS RTLT: 30h 41m 8s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLT 30h 41m 8s												█ 0000 RTLT 30h 41m 6s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												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 20												MAY 21												

ISSUE DATE: 05/16/16 08:05

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 21, 2016 142-143	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: 37h 11m 38s CCSL: A099 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AC ON	| 1200 RTLT 37h 11m 42s												| 0000 RTLT 37h 11m 44s													
	↓ 1417 GYRO INIT												2105 | 2117 TAPPOS						0006 | 0008 PWS/RH 0018 | 0020 TAPPOS							
													↓ 0006 GS-4B 0008													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)													
31 DSN COVERAGE	.....| 10 .....										.....| 10													
	|.....40 .....										|.....60													
											0025 | 65 [DAR] | 0540 0025 | 54 [DA] | 0540															
32 DSN COVERAGE											1400 | 34 [DA] | 0145 2225 | 35 [DAR] | 0145						|.....40								
S/C 32 INITIAL CONDITIONS RTLT: 30h 41m 6s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLT 30h 41m 6s												| 0000 RTLT 30h 41m 4s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																									
VGR COVERAGE													ON CALL													
NOTES	[1] S/C 31=GS-4B @ 0006 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 21													MAY 22												

ISSUE DATE: 05/16/16 08:05

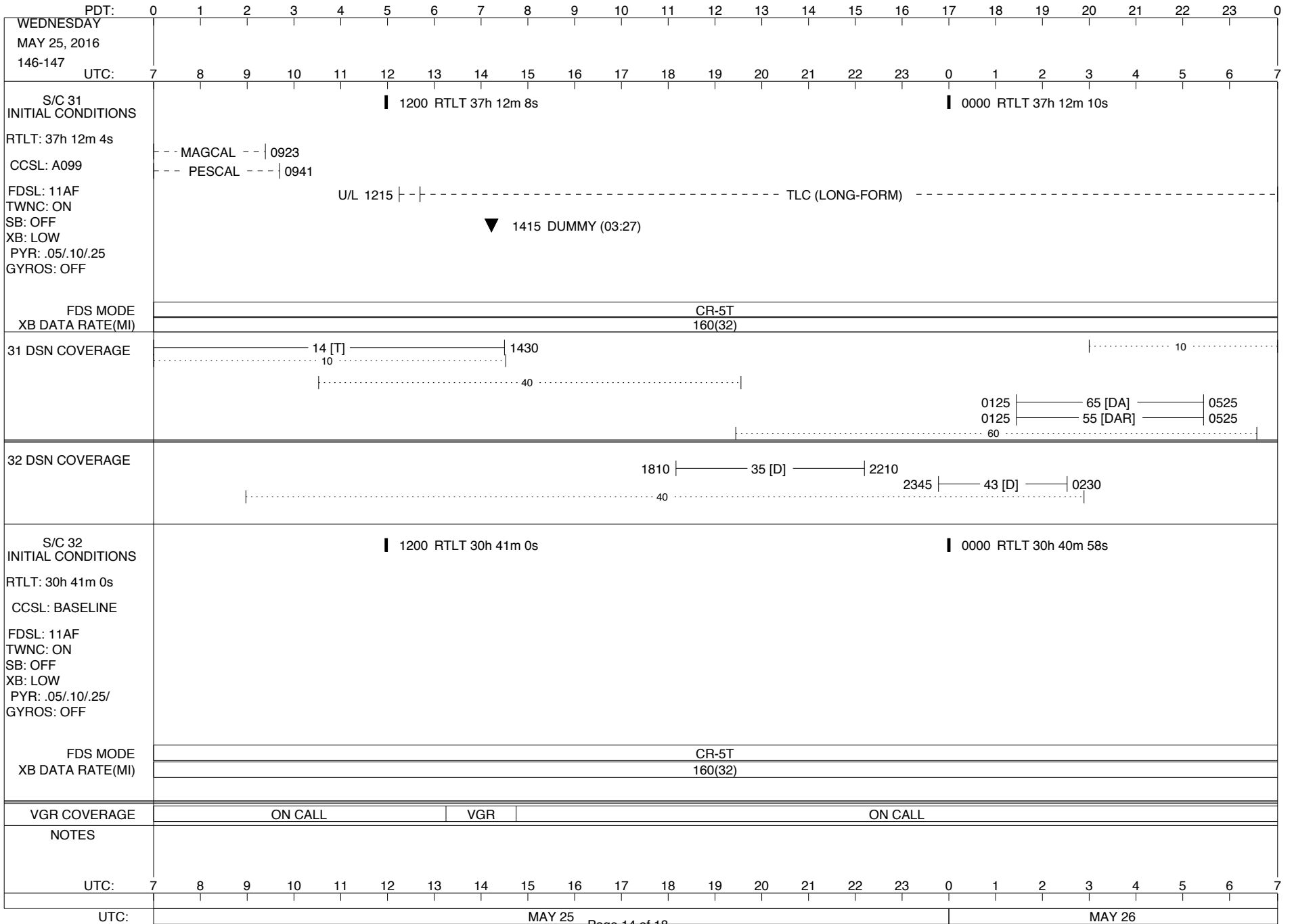




ISSUE DATE: 05/16/16 08:05

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TUESDAY MAY 24, 2016 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: 37h 11m 58s CCSL: A099 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 37h 12m 0s												█ 0000 RTLT 37h 12m 4s												
	1430 | 1431 PWS/RH												MAGCAL 0621 | - - PESCAL 0621 | - -												
	↓ 1430 GS-4B 1431																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1235 | 14 [D] | 1435												0605 | 14 [T]												
	10 | 40												10 | 60												
32 DSN COVERAGE	0900 | 43 [B] | 1400												2350 | 43 [D] | 0255												
	40												40												
S/C 32 INITIAL CONDITIONS RTLT: 30h 41m 2s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLT 30h 41m 0s												█ 0000 RTLT 30h 41m 0s												
	▼ 1317 DUMMY (5 MIN BRACKETED 19:58)																								
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1430 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: 05/16/16 08:05



ISSUE DATE: 05/16/16 08:05

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 26, 2016 147-148																									
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S/C 31 INITIAL CONDITIONS RTLTL: 37h 12m 10s CCSL: A099 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 12m 14s												0000 RTLT 37h 12m 18s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	.....|												.....|
	|.....40.....|												|.....60.....|												
	|.....2315.....|												|.....2315.....|												
	|.....55 [DAR].....|												|.....54 [DA].....|												
	|.....0520.....|												|.....0520.....|												
32 DSN COVERAGE	1540 |.....35 [D].....|												1945 |.....34 [D].....|												
	|.....40.....|												|.....2125.....|												
S/C 32 INITIAL CONDITIONS RTLTL: 30h 40m 58s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 30h 40m 58s												0000 RTLT 30h 40m 58s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 2043 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 26												MAY 27												

ISSUE DATE: 05/16/16 08:05

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 27, 2016 148-149																																								
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: 37h 12m 18s CCSL: A099 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 37h 12m 22s												| 0000 RTLT 37h 12m 26s																											
FDS MODE	CR-5T												CR-5T																											
XB DATA RATE(MI)	160(32)												160(32)																											
31 DSN COVERAGE 10 40 60										0310 |-----| 14 [D] |-----| 10									
32 DSN COVERAGE 1420 |-----| 35 [D] |-----| 2035									 40 .....|																													
S/C 32 INITIAL CONDITIONS RTLT: 30h 40m 58s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLT 30h 40m 58s												| 0000 RTLT 30h 40m 56s																											
FDS MODE	CR-5T												CR-5T																											
XB DATA RATE(MI)	160(32)												160(32)																											
VGR COVERAGE	ON CALL												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 27														MAY 28																									

ISSUE DATE: 05/16/16 08:05

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 28, 2016 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 RTLT: 37h 12m 26s CCSL: A099 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 12m 30s												0000 RTLT 37h 12m 34s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	0710 14 [D] .....| |.....40 .....|												0250 - 0650 |.....14 [D] .....| |.....60 .....|												
32 DSN COVERAGE	0845 |-----43 [o] -----| 1310 |.....40 .....|												1810 |-----45 [D] -----| 2200 |.....40 .....|												
S/C 32 INITIAL CONDITIONS RTLT: 30h 40m 56s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 30h 40m 56s												0000 RTLT 30h 40m 56s												
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 @ 2343 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 28												MAY 29												

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 29, 2016 150-151																											
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: 37h 12m 34s CCSL: A099 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p>1200 RTLT 37h 12m 38s</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<p>.....10.....| |.....40.....| 2040 |— 63 [D] —| 2240</p>																										
32 DSN COVERAGE	<p>1550 |————— 45 [D] —————| 2155</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 30h 40m 56s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	<p>1200 RTLT 30h 40m 56s</p>																										
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 29													MAY 30													