

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: April 29, 2015

For the Period: 04/30/15 to 05/18/15 (15-121 – 15-138)

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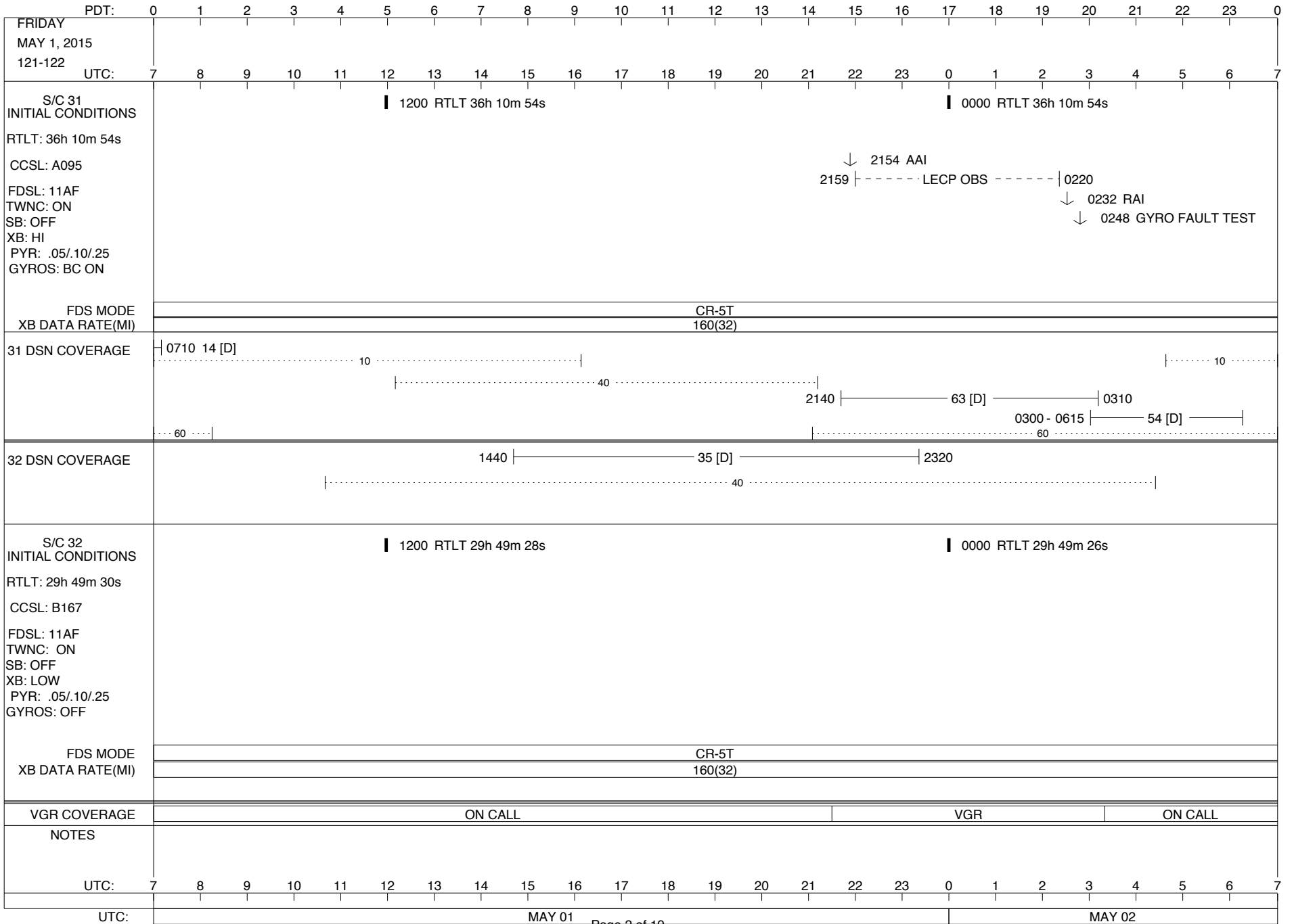
Dodd, S.
 Hall, J.
 Howard, S. (3)
 Ludwig, R. (2)
 Matsumoto, S.
 Medina
 Peralta, F.
 Weeks, T.
 Wong, R.
 Yang, L.
 Zottarelli, L.
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LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (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

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 30, 2015 120-121																									
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	↓ 0700 PYR: .05/05/25 █ 1200 RTLT 36h 10m 52s												█ 0000 RTLT 36h 10m 54s												
RTLT: 36h 10m 52s													1910 |-----| 2021 TAPPOS 2213 | 2214 PWS/RH 2224 |-----| 2321 TAPPOS												
CCSL: A095																									
FDSL: 11AF																									
TWNC: ON																									
SB: OFF																									
XB: HI																									
PYR: .05/05/25																									
GYROS: BC ON																									
	-----PLAYBACK----- | 0700- 1320 ↓ 1334 YAW=.10 ↓ 1320												TAPPOS 0508 || 0511 GYRO INIT 0531 ↓ CCSTIMB FINE 0630- 0636 || ↓ 2212 GS-4B 2214												
FDS MODE	PB-14												CR-5T						CR-5T						
XB DATA RATE(MI)	1.4K(39)												160(32)						160(32)						
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS	█ 1200 RTLT 29h 49m 32s												█ 0000 RTLT 29h 49m 30s												
RTLT: 29h 49m 34s	-----COMMAND MORATORIUM----- | 1655																								
CCSL: B167																									
FDSL: 11AF																									
TWNC: ON																									
SB: OFF																									
XB: LOW																									
PYR: .05/10/25																									
GYROS: OFF																									
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
VGR COVERAGE	ONVGRLL												ON CALL												
NOTES	[1] S/C 31=CR-5T @ 1320 XB=160(32) [2] S/C 31=GS-4B @ 2212 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 30												MAY 01												

ISSUE DATE: 04/29/15 06:56



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	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 06:56

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 06:56

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 4, 2015 124-125																												
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 58s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	| 1200 RTLT 36h 11m 0s												| 0000 RTLT 36h 11m 0s															
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
31 DSN COVERAGE	.....| 10 .....										.....| 40										0515 | 14 [D] | .....| 10			
	.....| 60 .....						.....| 2320 .....| 63 [D] .....| 0515						.....| 60											
32 DSN COVERAGE	1215 | .....| 43 [o,B] .....| 2140												.....| 40														
S/C 32 INITIAL CONDITIONS RTLT: 29h 49m 18s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	| 1200 RTLT 29h 49m 16s												| 0000 RTLT 29h 49m 14s															
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
VGR COVERAGE	ON CALL						VGR						ON CALL						VGR									
NOTES	[1] S/C 31=EL-40 @ 0630 XB=40(30)																											
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													

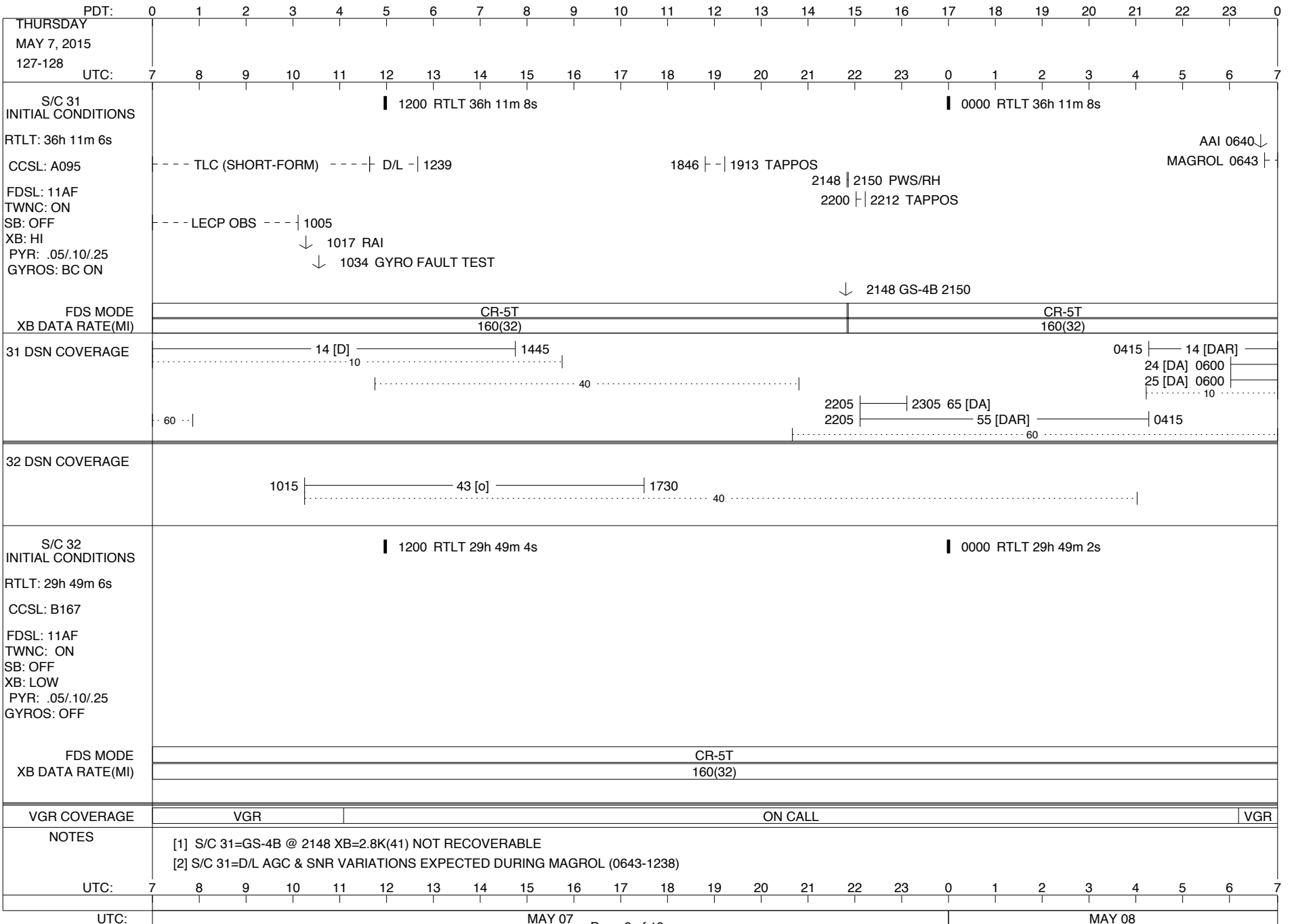
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UTC:		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
TUESDAY MAY 5, 2015 125-126		S/C 31 INITIAL CONDITIONS RTLT: 36h 11m 0s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.05/.05/ GYROS: BC ON													1200 RTLT 36h 11m 2s 0702 AAI 0702-0740 ASCAL 0737 RAI 0740 CRU 0748 ROLL=.25 0750 GYRO FAULT TEST 0742 1535 1536 PWS/RH 1535 GS-4B 1536 0000 RTLT 36h 11m 4s 2235 DUMMY 10:46 U/L 2300 ----- TLC (SHORT-FORM) ----- 2339 AAI 2344 ----- LECP OBS ----- 0405 RAI 0417↓ GYRO FAULT TEST 0434↓												
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)													CR-5T 160(32)												
31 DSN COVERAGE		14 [D] |----- 1115 ----- |----- 10 ----- 10 40 2105 - 0645 |----- 63 [T] ----- | 60 60																									
32 DSN COVERAGE		1405 |----- 35 [D] ----- | 0025 40																									
S/C 32 INITIAL CONDITIONS RTLT: 29h 49m 14s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 29h 49m 12s 1743 |--- MAGCAL ---| 2046 1743 |--- PESCAL ---| 2103													0000 RTLT 29h 49m 10s												
FDS MODE XB DATA RATE(MI)		CR-5T 160(32)																									
VGR COVERAGE		VGR |----- ON CALL ----- |----- VGR ----- |----- ON CALL -----																									
NOTES		[1] S/C 31=D/L AGC & SNR VARIATIONS EXPECTED DURING ASCAL (0702-0740) [2] S/C 31=GS-4B @ 1535 XB=2.8K(41) NOT RECOVERABLE																									
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UTC:		MAY 05													MAY 06												

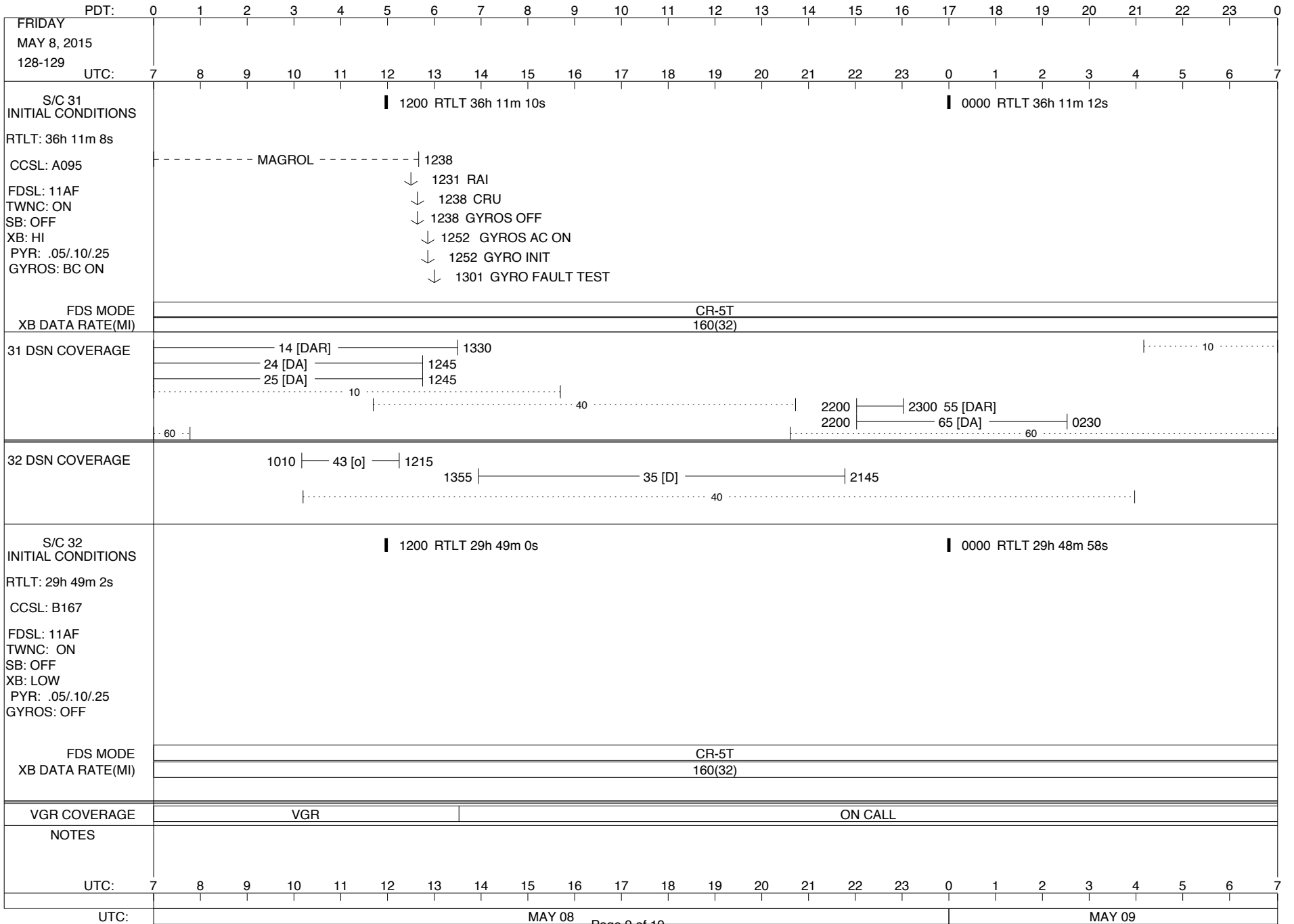
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UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
WEDNESDAY MAY 6, 2015 126-127																												
S/C 31 INITIAL CONDITIONS RTLT: 36h 11m 4s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: BC ON	1200 RTLT 36h 11m 4s												0000 RTLT 36h 11m 6s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	<p>.....| 10 .....|</p> <p>.....| 40 .....|</p> <p>.....| 60 .....|</p> <p>0505 | 14 [D] |</p> <p>.....| 10</p>																											
32 DSN COVERAGE	<p>.....| 1405 | .....| 35 [D] | .....| 2205</p> <p>.....| 40</p>																											
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)													CR-5T 160(32)															
VGR COVERAGE	ON CALL																							VGR				
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: 04/29/15 06:56



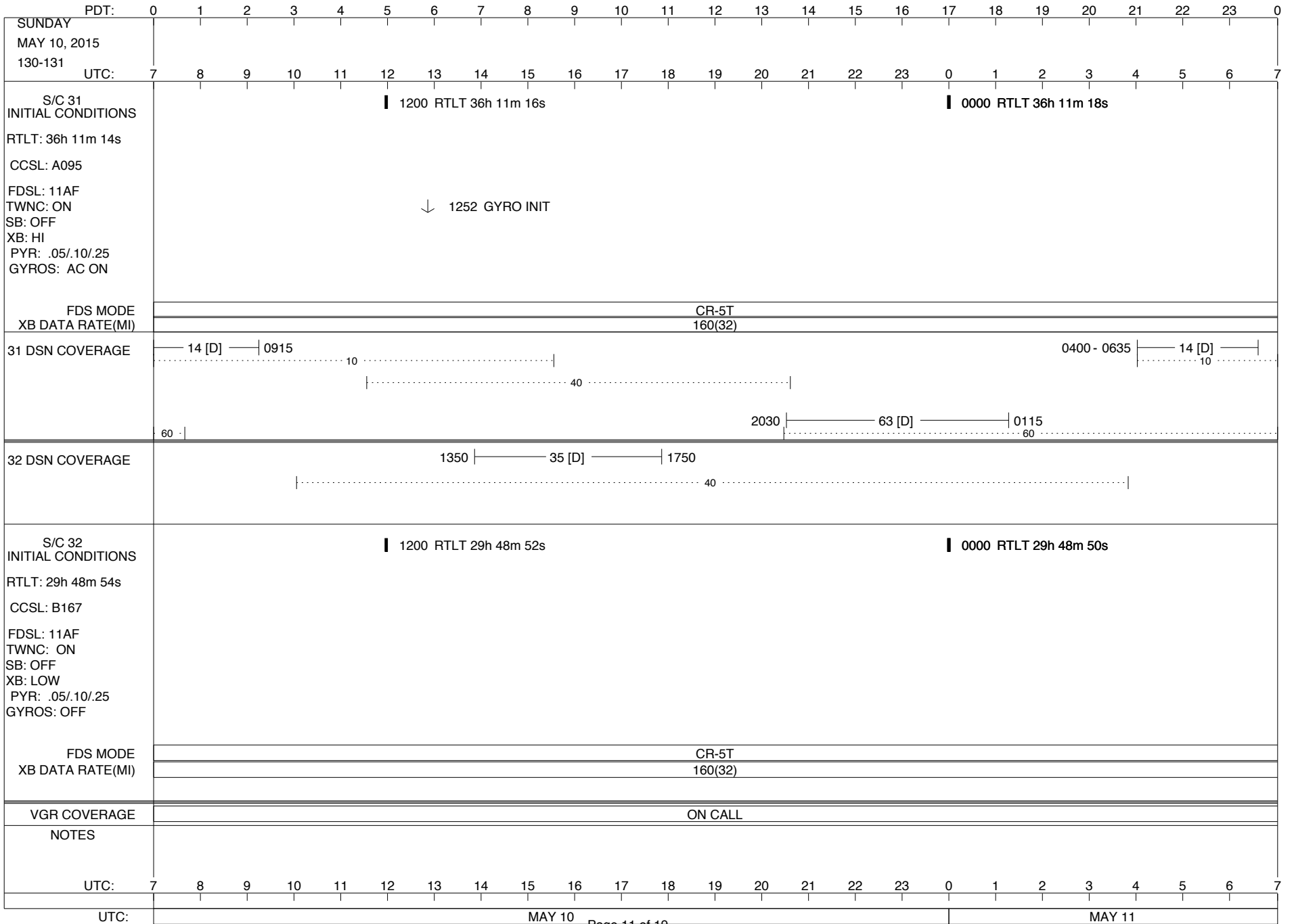
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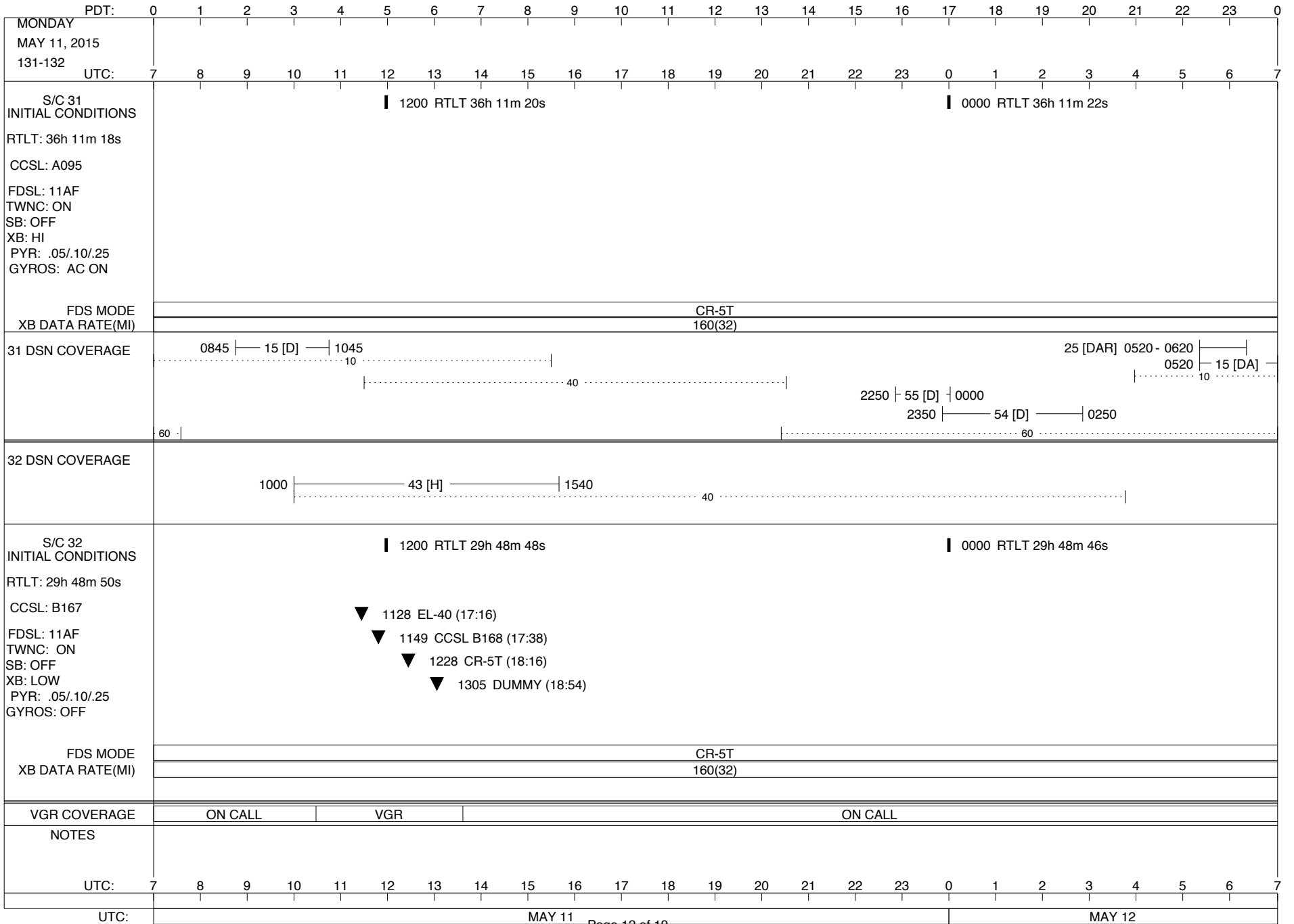


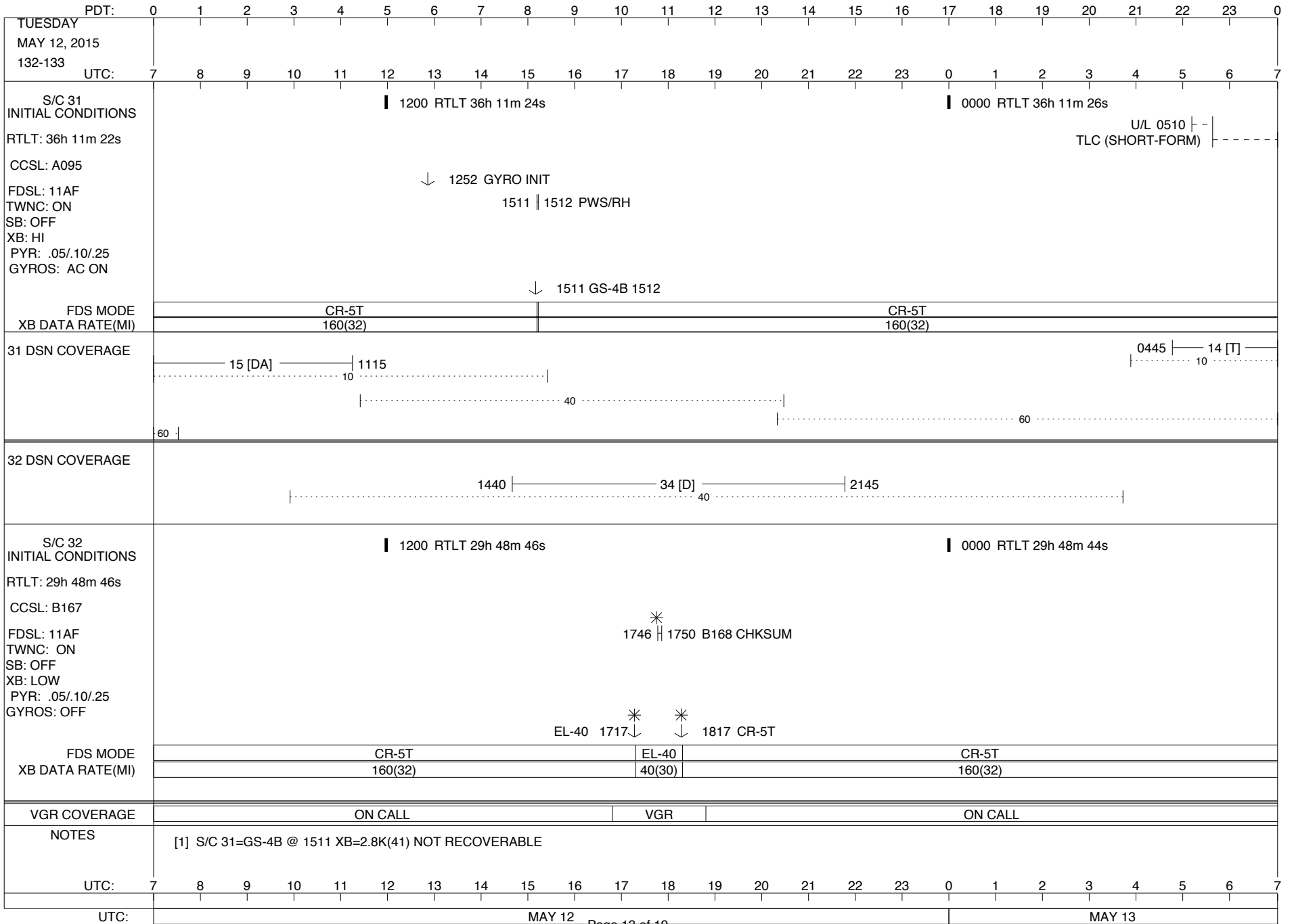
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SATURDAY MAY 9, 2015 129-130	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 36h 11m 12s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: AC ON	| 1200 RTLTL 36h 11m 14s												| 0000 RTLTL 36h 11m 14s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	.....| 10 .....												.....| 0530 | 14 [D] | .....												
	.....| 1440 | 43 [D] | 1830 .....												.....| 2035 | 63 [D] | 0510											
32 DSN COVERAGE	.....| 1020 | 43 [o] | 1350 .....												.....| 1350 | 35 [D] | 2245											
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	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 @ 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												

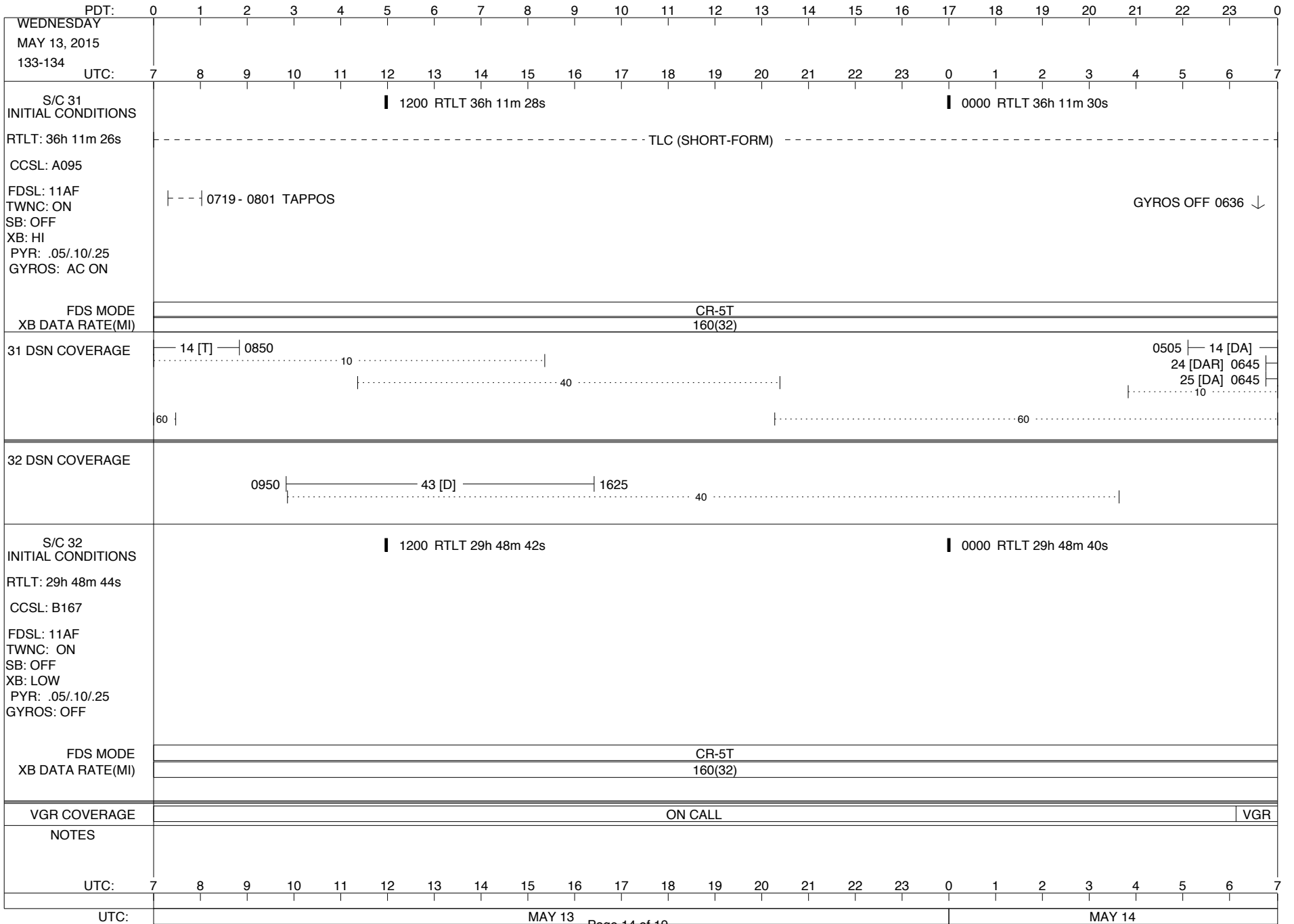
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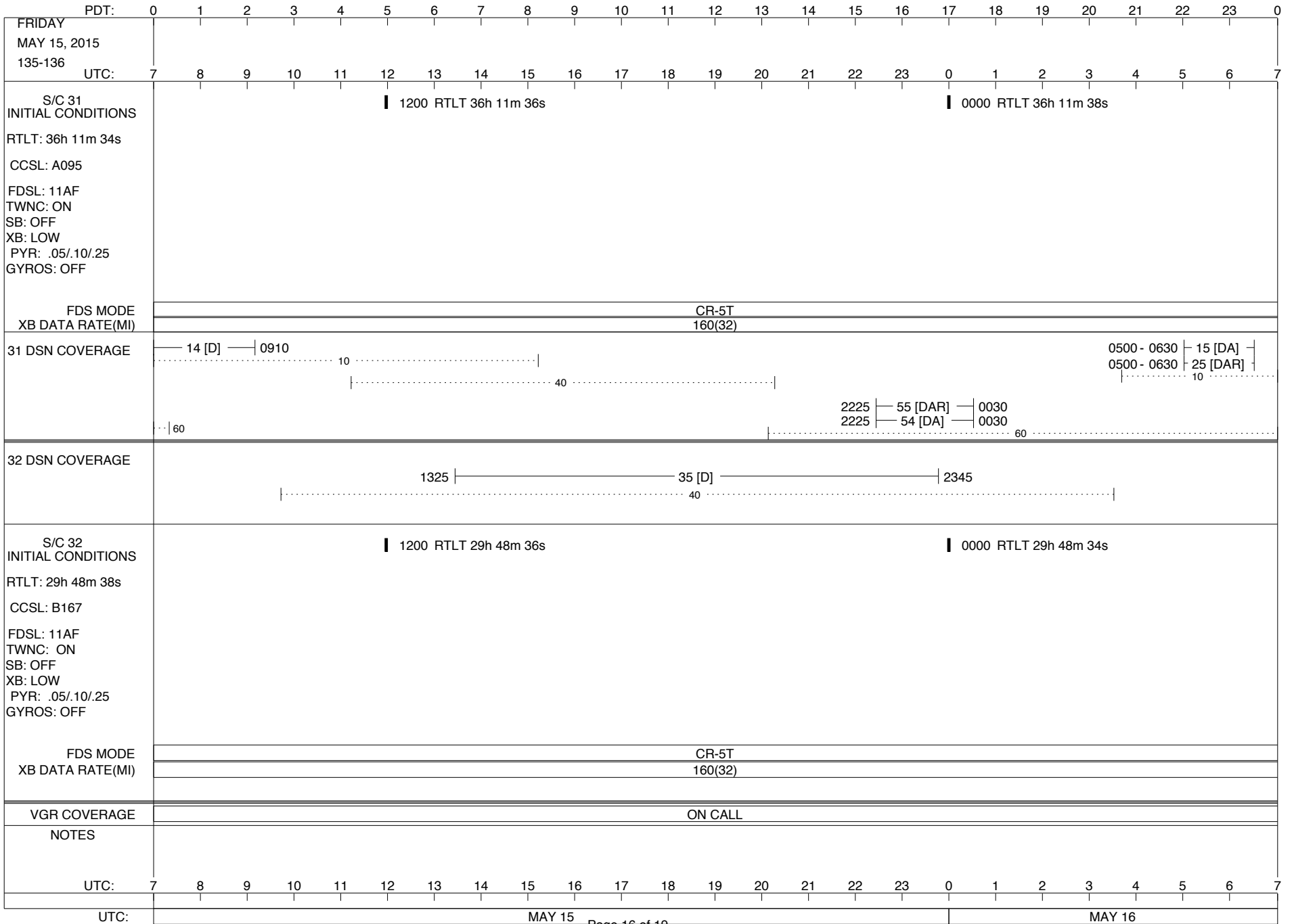
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ISSUE DATE: 04/29/15 06:56

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THURSDAY MAY 14, 2015 134-135	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 30s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 11m 32s												0000 RTLT 36h 11m 34s												
FDS MODE XB DATA RATE(MI)	PB-14 1.4K(39)												CR-5T 160(32)												
31 DSN COVERAGE	14 [DA] 1445 24 [DAR] 1330 25 [DA] 1330												0445 14 [D] 10												
32 DSN COVERAGE	1515 34 [D] 2140																								
S/C 32 INITIAL CONDITIONS RTLT: 29h 48m 40s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 29h 48m 38s												0000 RTLT 29h 48m 38s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] S/C 31=PB-14 @ 0711 XB=1.4K(39)																								
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 14												MAY 15												

ISSUE DATE: 04/29/15 06:56



ISSUE DATE: 04/29/15 06:56

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 16, 2015 136-137																																				
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 38s CCSL: A095 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 36h 11m 42s												| 0000 RTLT 36h 11m 44s																							
FDS MODE													CR-5T																							
XB DATA RATE(MI)													160(32)																							
31 DSN COVERAGE	0800	|----- 14 [D] -----|										1200													0340	|----- 14 [D] -----|										0400
										10										40										60			
										60										60										60			
32 DSN COVERAGE													1345	|----- 35 [D] -----|										2145												
																						40	.....|											
S/C 32 INITIAL CONDITIONS RTLT: 29h 48m 34s CCSL: B167 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 29h 48m 34s												| 0000 RTLT 29h 48m 32s																							
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											
UTC:	MAY 16													MAY 17																						

ISSUE DATE: 04/29/15 06:56

