

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: July 20, 2016

For the Period: 07/21/16 to 08/07/16 (16-203 – 16-220)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

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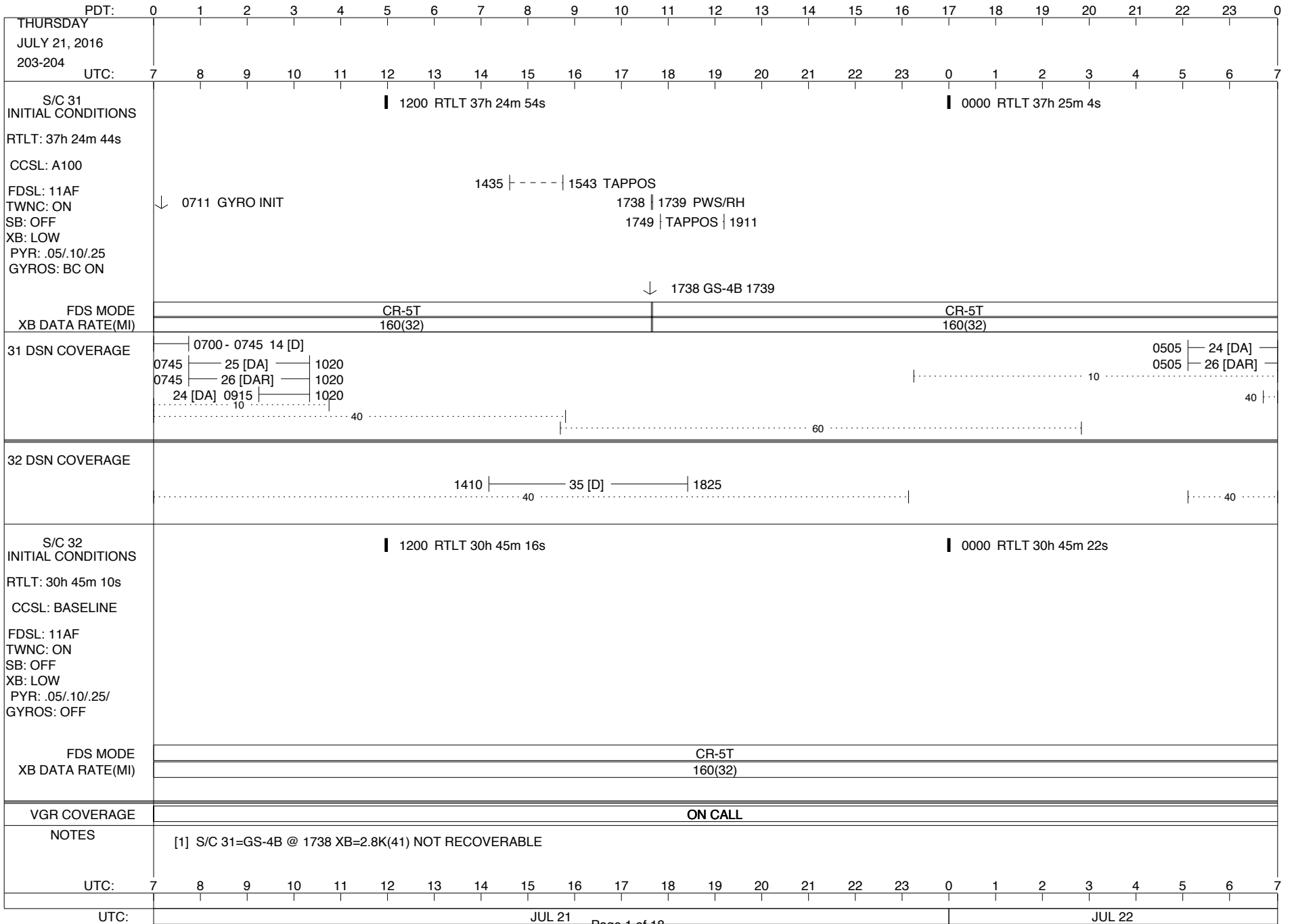
FLIGHT TEAM (14) 600-100

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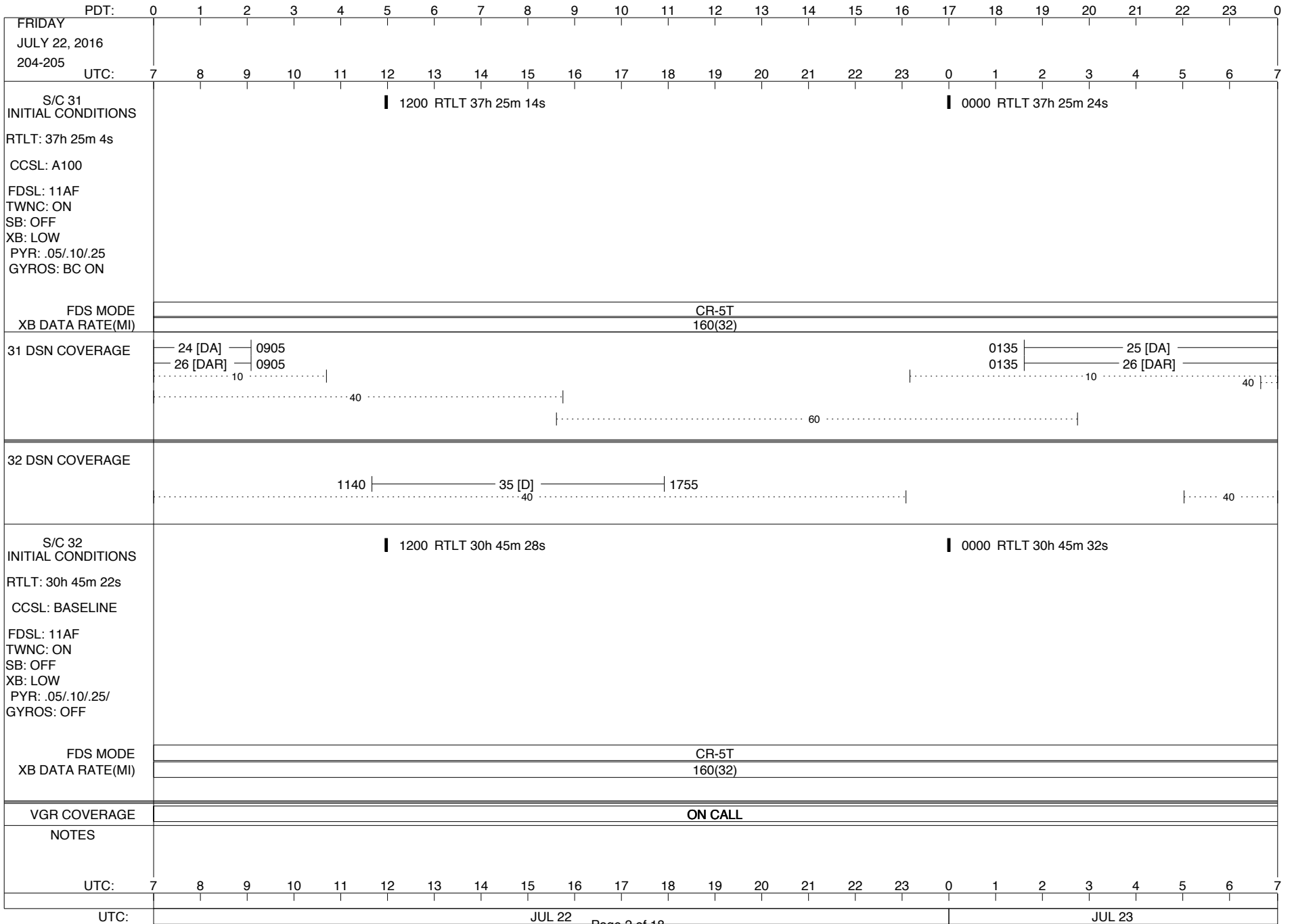
LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U =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

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

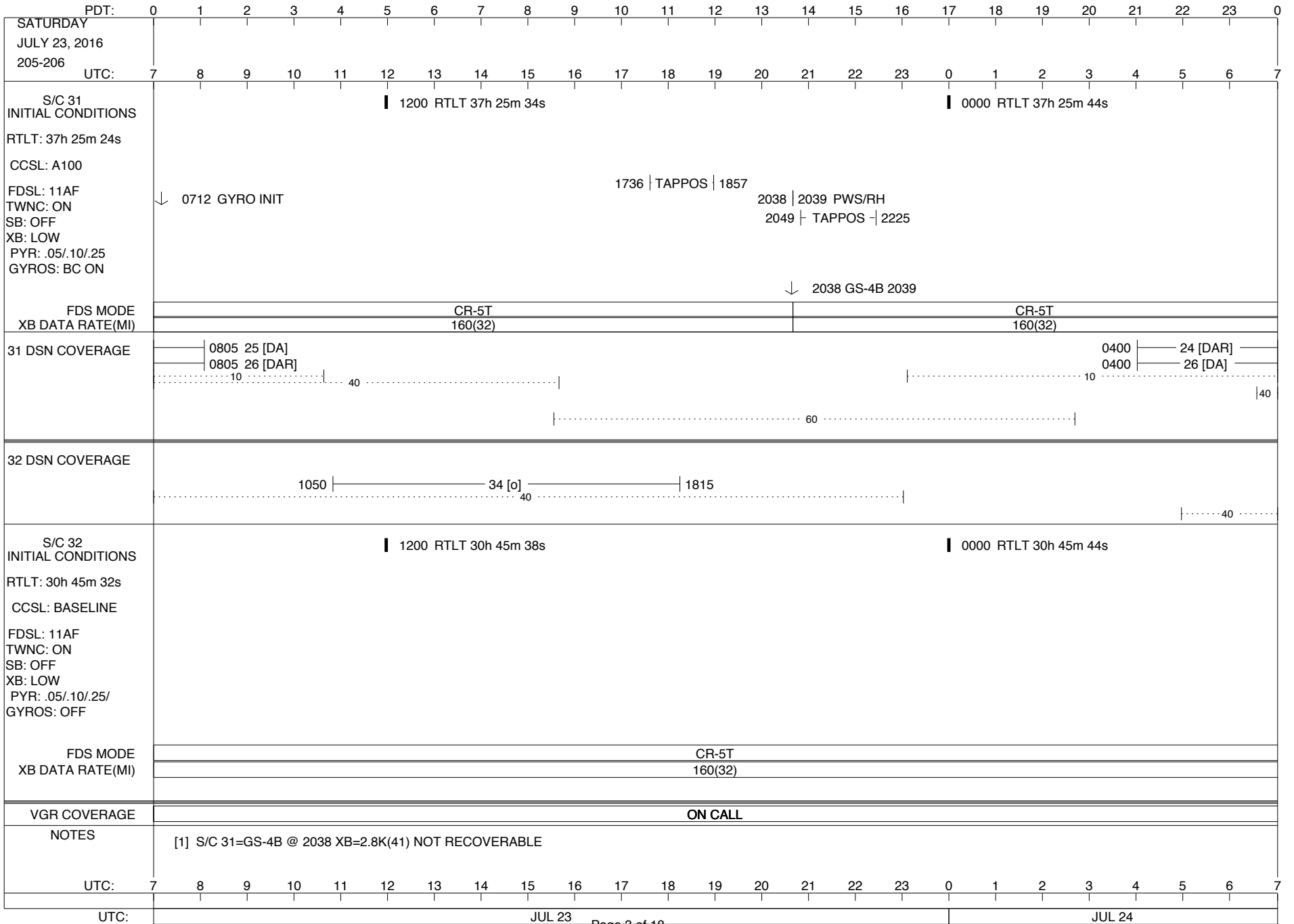
ISSUE DATE: 07/21/16 07:09



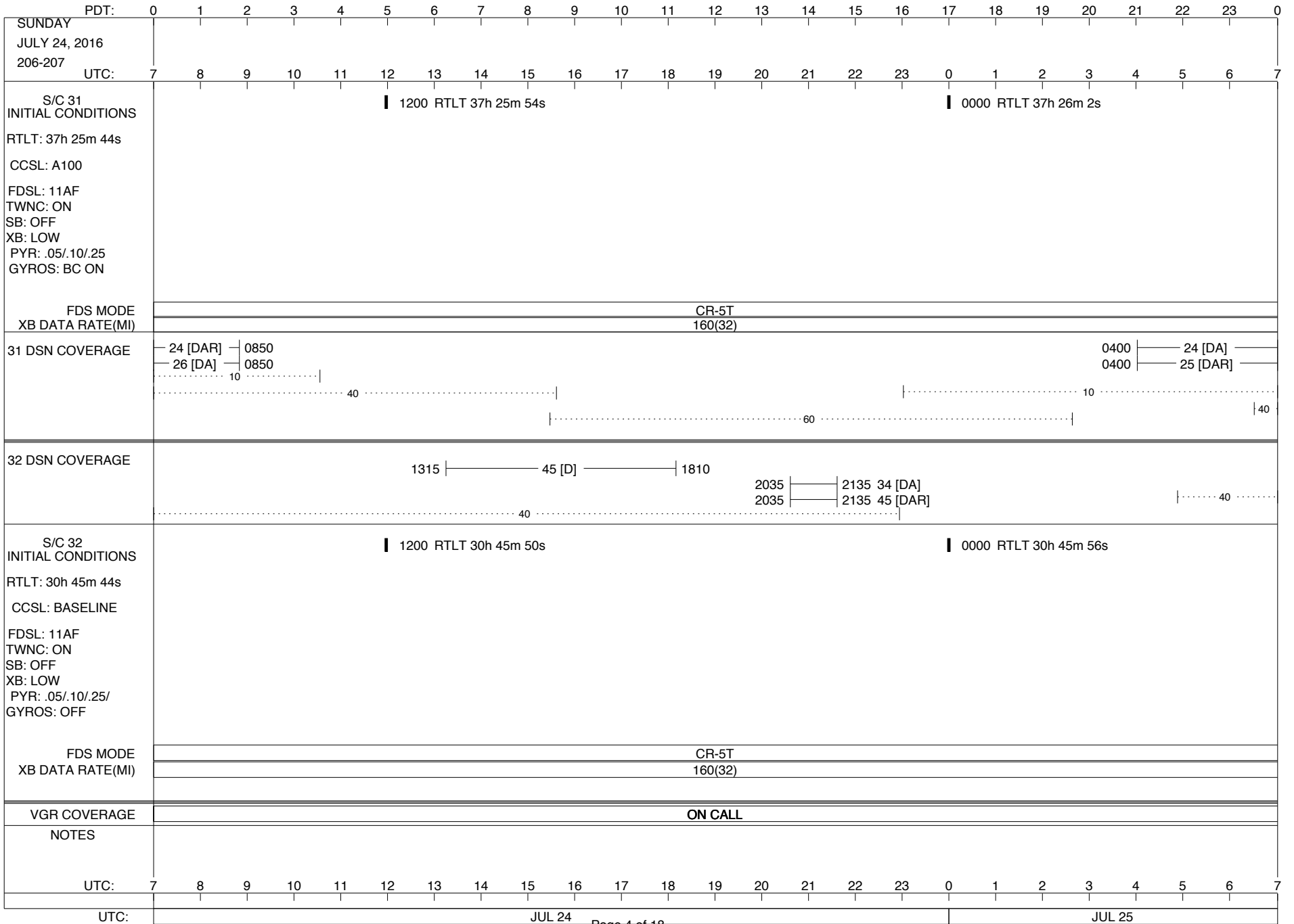
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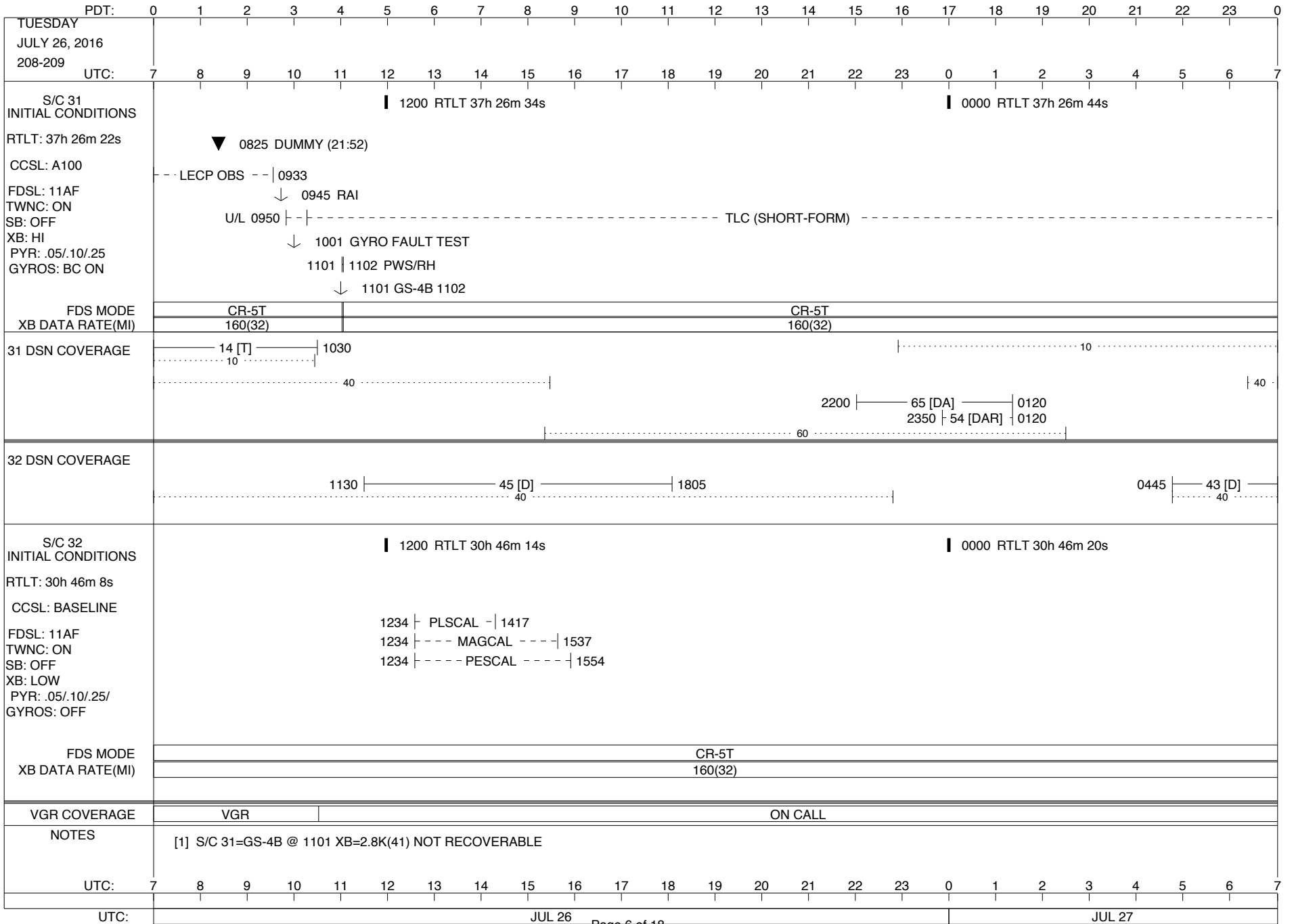
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MONDAY JULY 25, 2016 207-208																												
S/C 31 INITIAL CONDITIONS RTLT: 37h 26m 2s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 37h 26m 12s												0000 RTLT 37h 26m 22s												BAY 1 HTR OFF 0637 ↓ X/B HI POWER 0641 ↓ AAI 0649 ↓ LECP OBS 0659			
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS RTLT: 30h 45m 56s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 30h 46m 2s												0000 RTLT 30h 46m 8s															
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
VGR COVERAGE	ON CALL																											
NOTES																												
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ISSUE DATE: 07/21/16 07:09

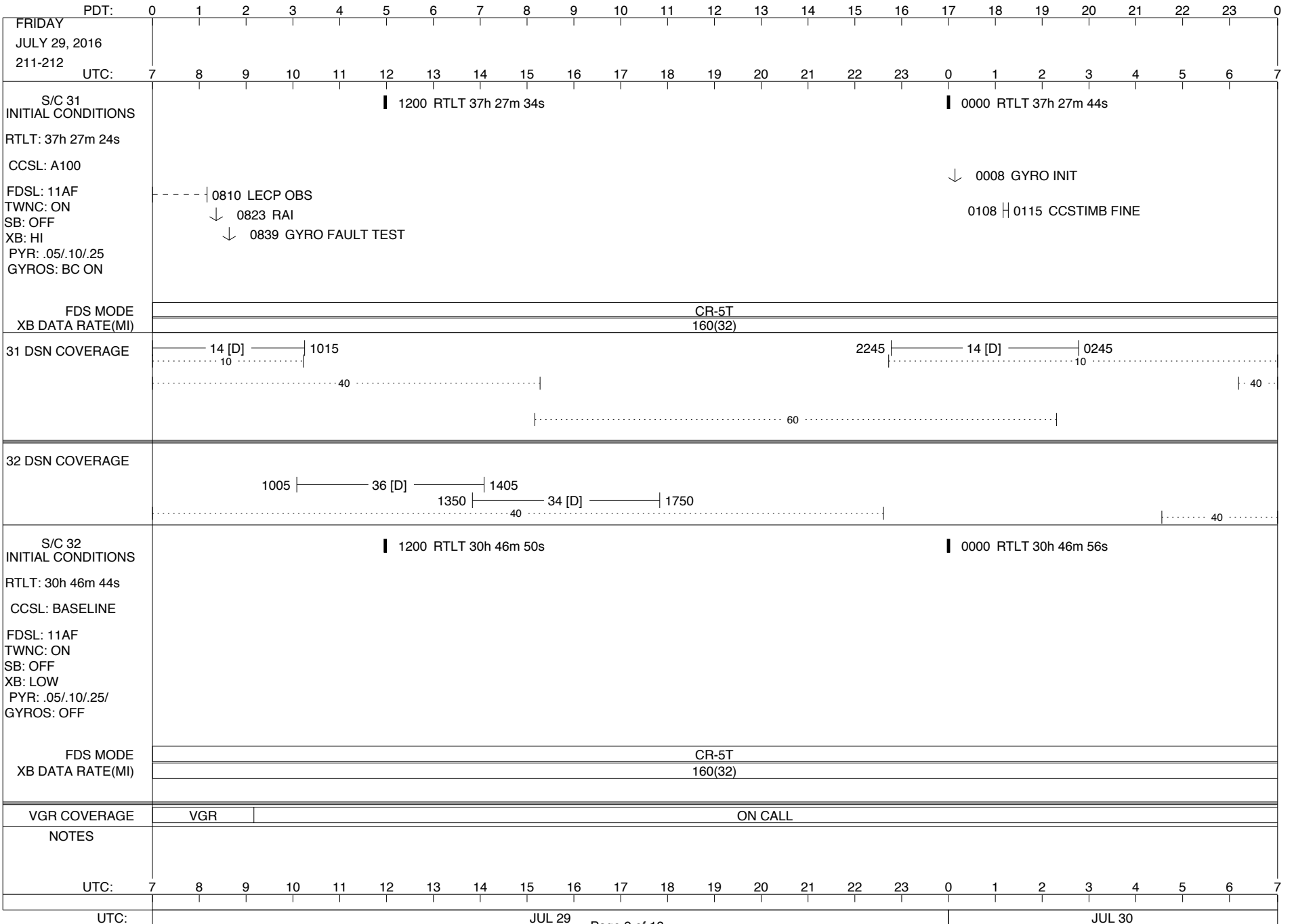


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S/C 31 INITIAL CONDITIONS RTLTL: 37h 26m 44s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 37h 26m 54s												0000 RTLT 37h 27m 4s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE 10												0255 ----- 14 [D] ----- 10												
 40												2345 ----- 65 [DAR] ----- 0215 40 .. 2345 ----- 55 [DA] ----- 0215 0115 ----- 0215 54 [DA]												
32 DSN COVERAGE	----- 43 [D] ----- 0905												1615 ----- 45 [D] ----- 1800 40 40												
S/C 32 INITIAL CONDITIONS RTLTL: 30h 46m 20s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 30h 46m 26s												0000 RTLT 30h 46m 32s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL												VGR												
NOTES																									
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UTC:	JUL 27												JUL 28												

ISSUE DATE: 07/21/16 07:09

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S/C 31 INITIAL CONDITIONS RTLTL: 37h 27m 4s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 37h 27m 14s												0000 RTLTL 37h 27m 24s												
	1413 | TAPPOS - | 1602												↓ 0345 AAI												
	---| 0749 LECP OBS												1715 | 1716 PWS/RH												
	↓ 0802 RAI												1726 | TAPPOS - | 1902												
	↓ 0818 GYRO FAULT TEST																								
													↓ 1714 GS-4B 1716												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	14 [D] | 1015												0330 | 14 [D]												
												
	40												40												
												
	60												60												
32 DSN COVERAGE	1035 | 35 [D] | 1755																								
												
	40												40												
S/C 32 INITIAL CONDITIONS RTLTL: 30h 46m 32s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLTL 30h 46m 38s												| 0000 RTLTL 30h 46m 44s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1714 XB=2.8K(41) NOT RECOVERABLE																								
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UTC:	JUL 28												JUL 29												

ISSUE DATE: 07/21/16 07:09



ISSUE DATE: 07/21/16 07:09

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 JULY 30, 2016 212-213	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: 37h 27m 44s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 37h 27m 54s												0000 RTLTL 37h 28m 6s												
	1713 | TAPPOS | 1848												2015 | 2016 PWS/RH 2027 | TAPPOS | 2148												
													↓ 2015 GS-4B 2016												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	.....10 .....|												|.....10 14 [D] 0605 |												
	.....40 .....|												|.....40 ..											
	|.....60 .....|																								
32 DSN COVERAGE	1240 |----- 34 [o] -----| 1745												1735 |----- 35 [DA] -----| 2145 1735 |----- 45 [DAR] -----| 2145												
	.....40 .....|												|.....40 ..											
S/C 32 INITIAL CONDITIONS RTLTL: 30h 46m 56s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 30h 47m 4s												0000 RTLTL 30h 47m 10s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 2015 XB=2.8K(41) NOT RECOVERABLE																								
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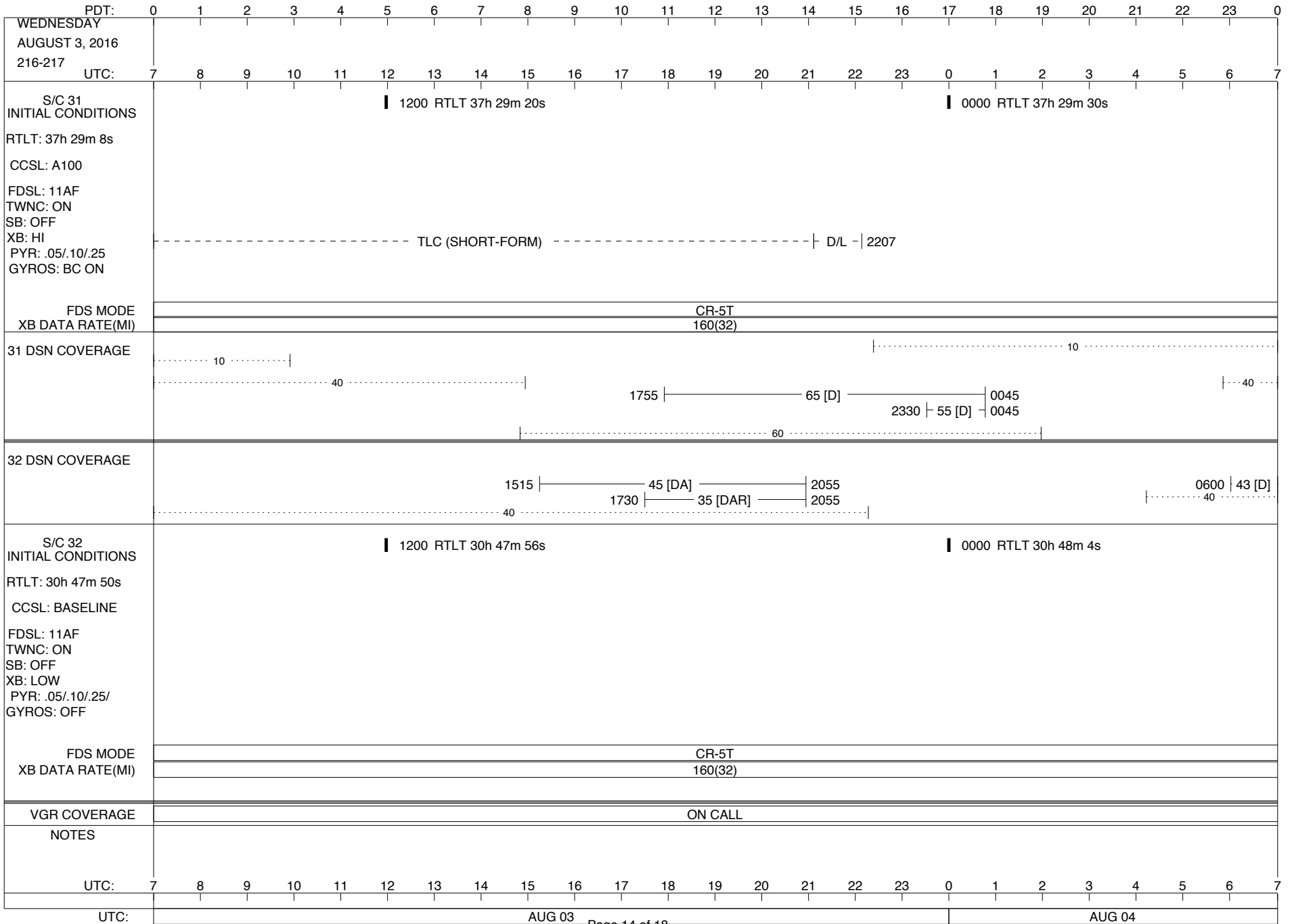
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S/C 31 INITIAL CONDITIONS RTLTL: 37h 28m 6s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON						█ 1200												█ 0000							
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	14 [D] 1005										0445 14 [D]														
	10										10														
	40										40														
											60														
32 DSN COVERAGE	1545 34 [D] 1745										43 [D] 2230														
	40										40														
	1830																								
S/C 32 INITIAL CONDITIONS RTLTL: 30h 47m 10s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF						█ 1200												█ 0000							
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
VGR COVERAGE	ON CALL																				VGR				
NOTES																									
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ISSUE DATE: 07/21/16 07:09

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 AUGUST 1, 2016 214-215																									
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 28m 26s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON						█ 1200 RTLT 37h 28m 36s												█ 0000 RTLT 37h 28m 48s							
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
S/C 32 INITIAL CONDITIONS RTLT: 30h 47m 24s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF						█ 1200 RTLT 30h 47m 30s												█ 0000 RTLT 30h 47m 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:	AUG 01														AUG 02										

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TUESDAY AUGUST 2, 2016 215-216																									
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 28m 48s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 37h 28m 58s U/L | 0710- | | 0857 | | 0910 RAI | | 0926 GYRO FAULT TEST | ----- TLC (SHORT-FORM) ----- | 1038 | 1039 PWS/RH | | 1038 GS-4B 1039 |												0000 RTLT 37h 29m 8s | 0021 AAI | | 0022 | 0054 ASCAL | | 0056 RAI | | 0107 ROLL=.25 | | 0108 GYRO FAULT TEST | | 0109 GYRO INIT | | 2349 | | 0101 |												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)						CR-5T 160(32)						EL-40 40(30)			CR-5T 160(32)									
31 DSN COVERAGE	14 [T] | 1000										2320 | 14 [D] | 0120														
	..... 40 .....										..... 10													
	..... 60 .....										..... 40													
32 DSN COVERAGE	1445 | 34 [D] | 1735														1735 | 43 [D] | 2140										
	..... 40 .....														..... 40									
S/C 32 INITIAL CONDITIONS RTLT: 30h 47m 36s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 30h 47m 44s												0000 RTLT 30h 47m 50s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1038 XB=2.8K(41) NOT RECOVERABLE [2] S/C 31=EL-40 @ 2349 XB=40(30) [3] S/C 31=CR-5T @ 0101 XB=160(32)																								
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ISSUE DATE: 07/21/16 07:09



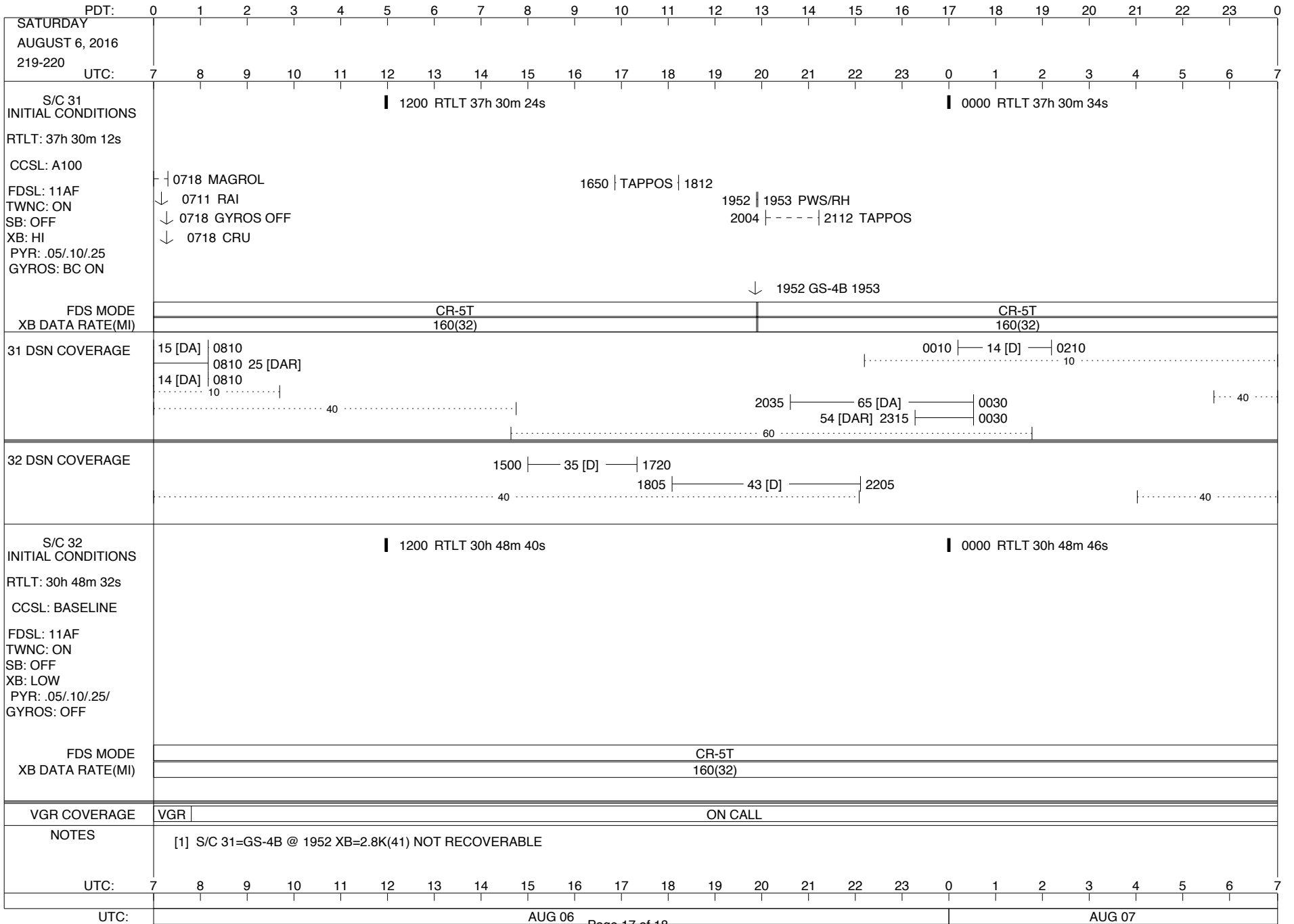
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S/C 31 INITIAL CONDITIONS RTLTL: 37h 29m 30s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLTL 37h 29m 40s												0000 RTLTL 37h 29m 52s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE 10										2230 ----- 14 [D] ----- 0330 0545 24 [D]														
 40										----- 10														
	----- 60										----- 40														
32 DSN COVERAGE	----- 43 [D] ----- 1000										----- 40														
S/C 32 INITIAL CONDITIONS RTLTL: 30h 48m 4s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 30h 48m 10s												0000 RTLTL 30h 48m 18s												
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 @ 1651 XB=2.8K(41) NOT RECOVERABLE																								
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ISSUE DATE: 07/21/16 07:09

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FRIDAY AUGUST 5, 2016 218-219																											
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S/C 31 INITIAL CONDITIONS RTLT: 37h 29m 52s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 37h 30m 2s												0000 RTLT 37h 30m 12s														
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)														
31 DSN COVERAGE	| 0715 24 [D] .....| ..... 40												0040 |----- 15 [DA] ----- 0040 |----- 25 [DAR] ----- 0055 |----- 14 [DA] ----- 10														
32 DSN COVERAGE	..... 1100 |----- 34 [o] -----| 1725 40 .....												..... 40											
S/C 32 INITIAL CONDITIONS RTLT: 30h 48m 18s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLT 30h 48m 26s												| 0000 RTLT 30h 48m 32s														
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)														
VGR COVERAGE	ON CALL																	VGR									
NOTES	[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0122-0718)																										
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