

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: July 13, 2016

For the Period: 07/14/16 to 07/31/16 (16-196 – 16-213)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

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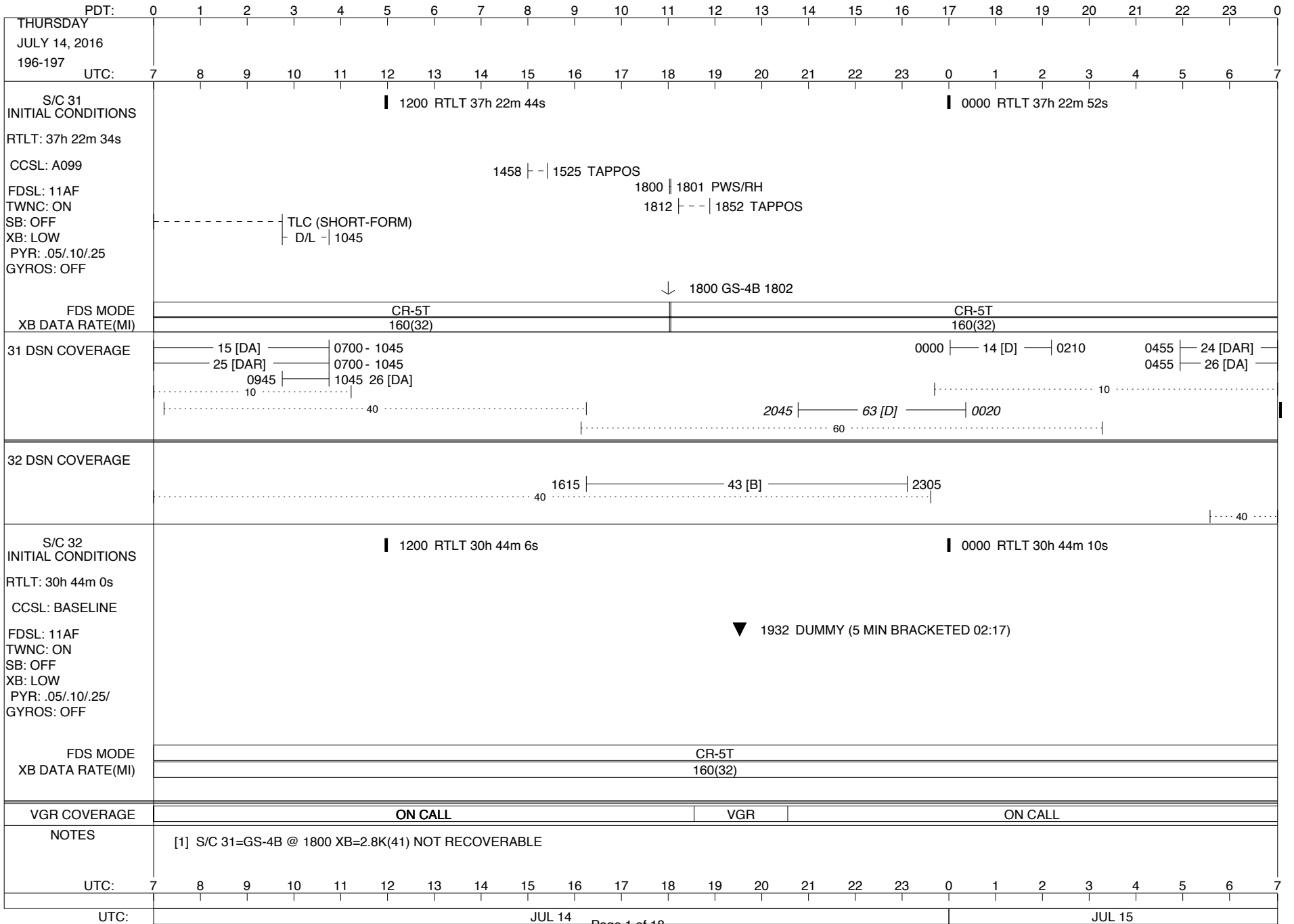
FLIGHT TEAM (14) 600-100

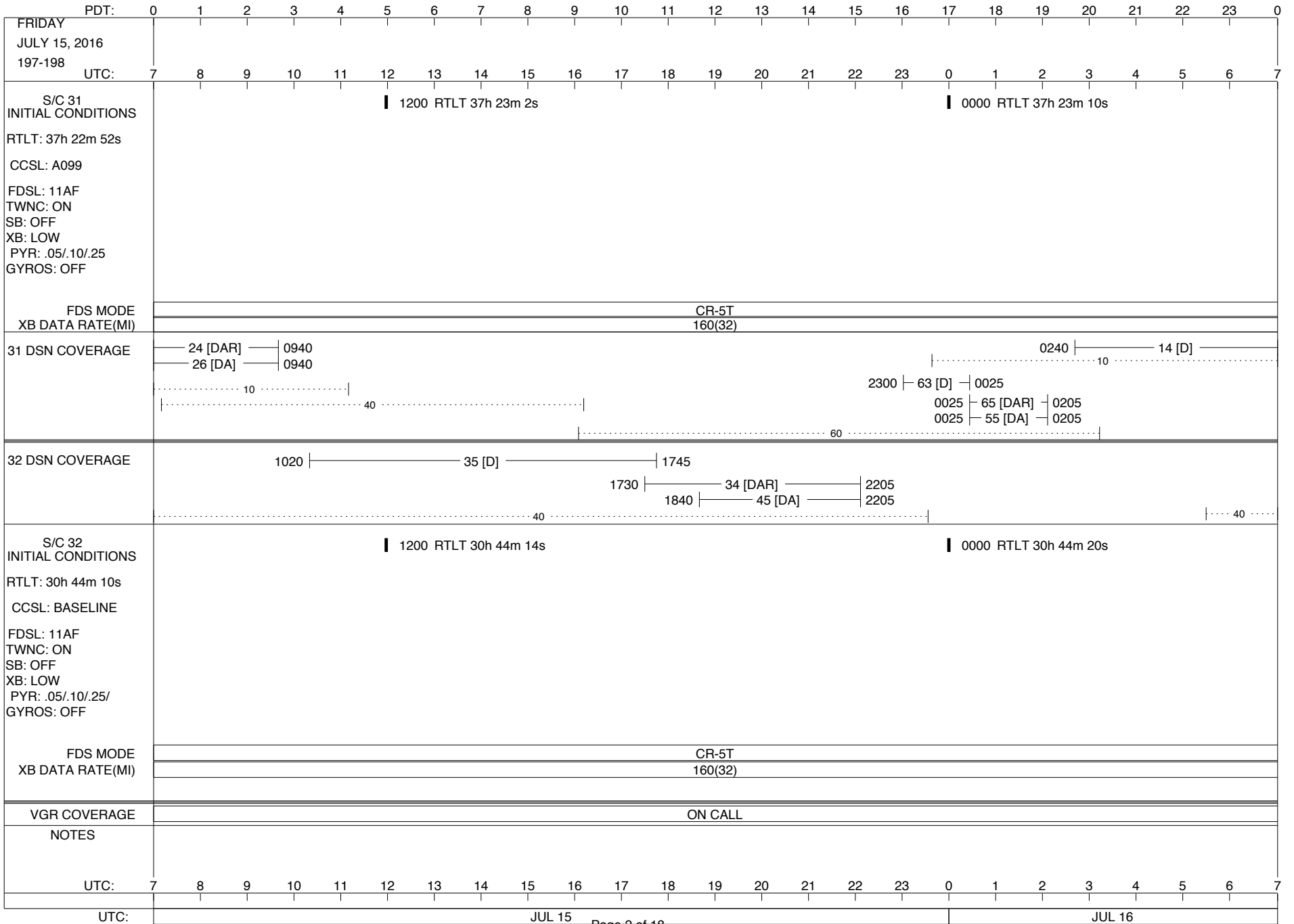
Dodd, S.
 Hall, J.
 Howard, S. (3)
 Ludwig, R. (2)
 Matsumoto, S.
 Medina
 Peralta, F.
 Weeks, T.
 Wong, R.
 Yang, L.
 Zottarelli, L.
 *odivers@san.rr.com

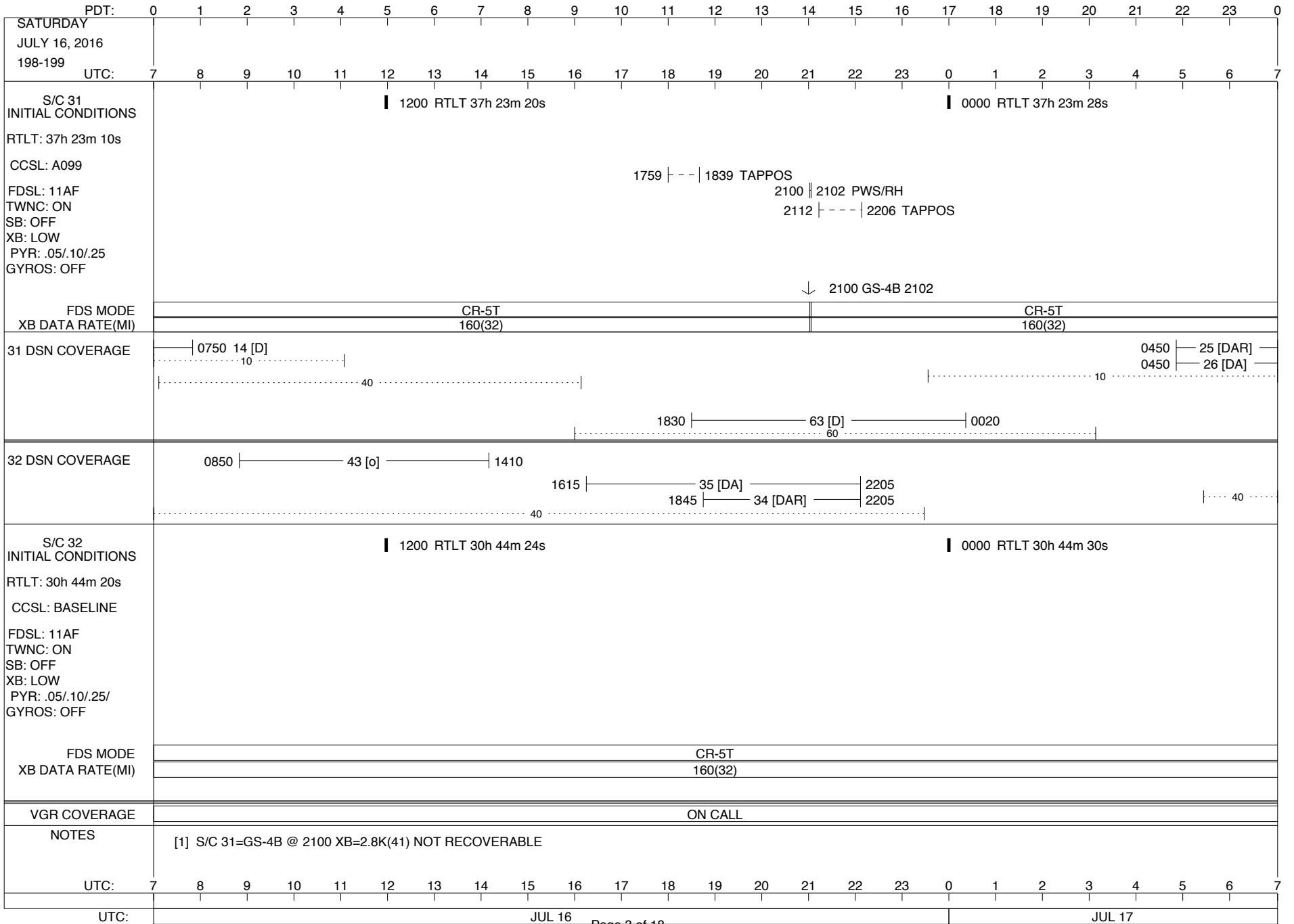
LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U =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

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

ISSUE DATE: 07/14/16 13:13







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 JULY 17, 2016 199-200																											
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 23m 28s CCSL: A099 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF																											
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>25 [DAR] 0930</p> <p>26 [DA] 0930</p> <p>..... 10</p> </div> <div style="width: 45%;"> <p>..... 14 [D] 0655 </p> <p>..... 40</p> <p>2205 63 [D] 0205</p> <p>60</p> </div> </div>																										
32 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>..... 40</p> <p>1615 43 [D] 2325</p> <p>..... 40</p> </div> <div style="width: 45%;"> <p>..... 1200 RTLT 30h 44m 34s</p> <p>..... 0000 RTLT 30h 44m 40s</p> </div> </div>																										
S/C 32 INITIAL CONDITIONS RTLT: 30h 44m 30s CCSL: BASELINE 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	ON CALL																										
NOTES																											
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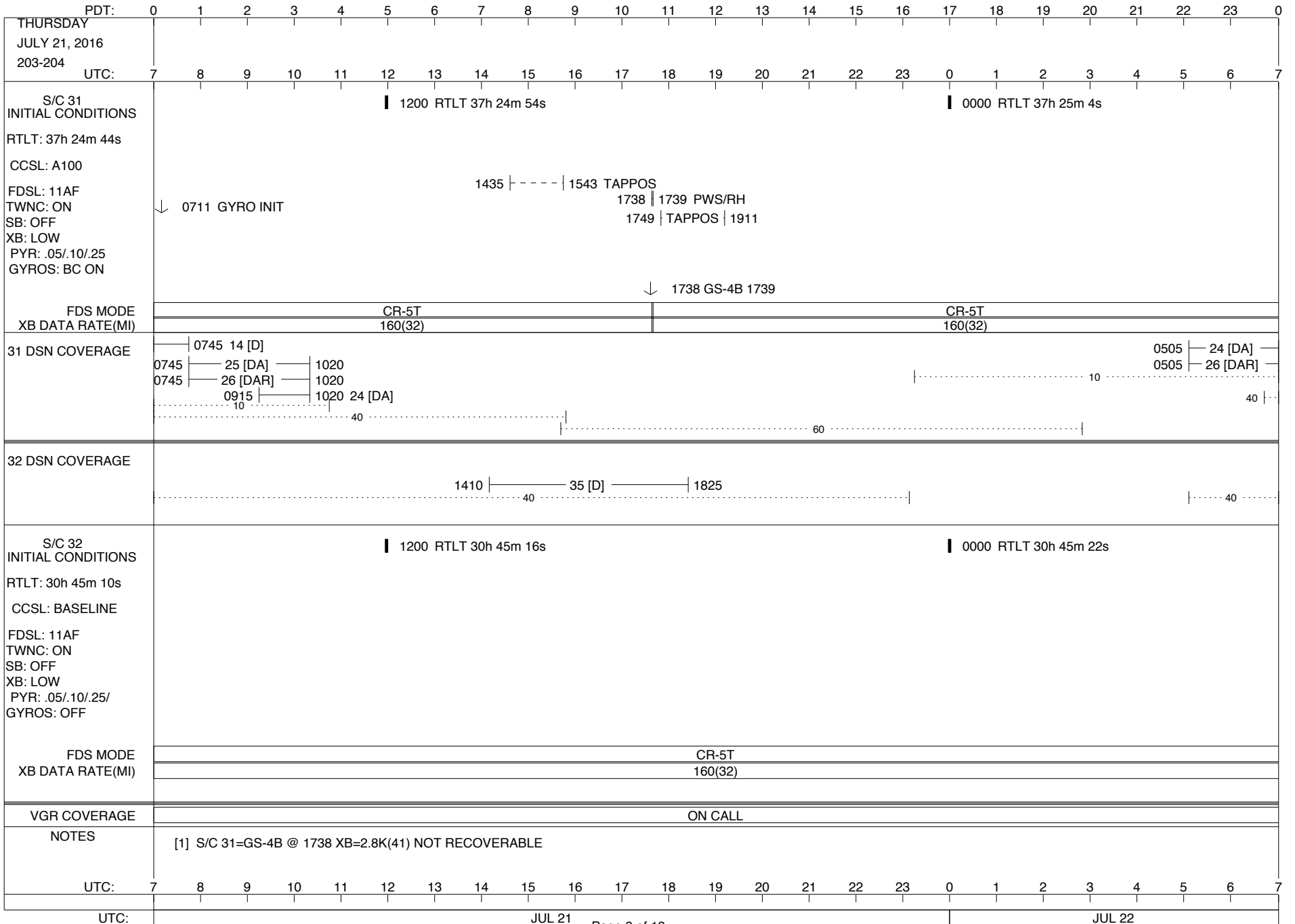
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MONDAY JULY 18, 2016 200-201																											
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S/C 31 INITIAL CONDITIONS RTLT: 37h 23m 28s CCSL: A099 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: right;">BEGIN SEQUENCE A100 0351 ↓ SHUNT POWER TEST 0611 - 0643 - </p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<p>14 [D] 1055 0545 14 [D] </p> <p>..... 10 10 </p> <p>..... 40 40 </p> <p>..... 60 </p>																										
32 DSN COVERAGE	<p>1145 34 [D] 1835 </p> <p>..... 40 40 </p>																										
S/C 32 INITIAL CONDITIONS RTLT: 30h 44m 40s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	<p>1200 RTLT 30h 44m 44s 0000 RTLT 30h 44m 50s</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
VGR COVERAGE	ON CALL																										
NOTES																											
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ISSUE DATE: 07/14/16 13:13

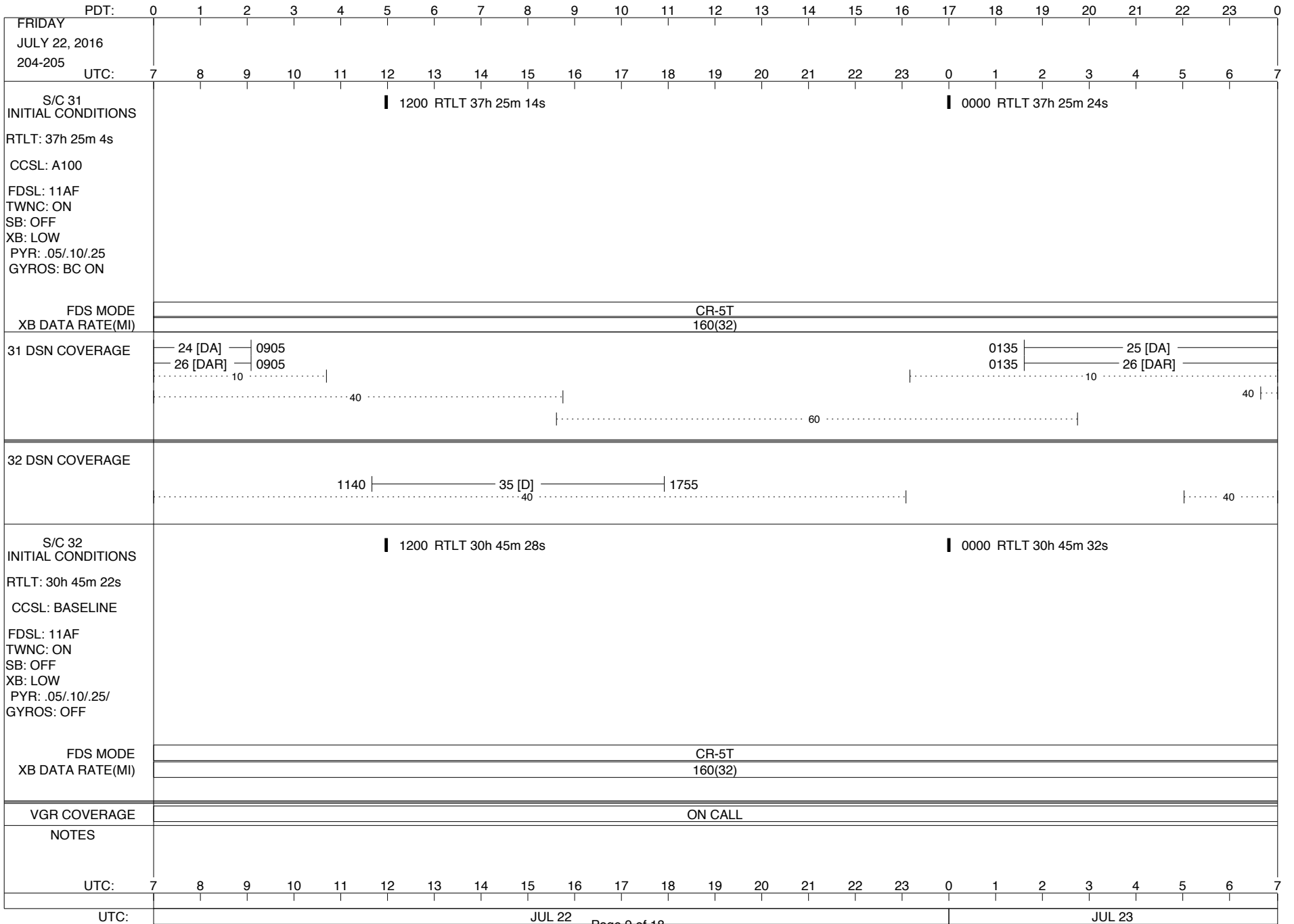
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TUESDAY JULY 19, 2016 201-202																												
S/C 31 INITIAL CONDITIONS RTLTL: 37h 23m 28s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 37h 24m 16s												0000 RTLT 37h 24m 26s														
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: 30h 44m 50s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF		1200 RTLT 30h 44m 54s												0000 RTLT 30h 45m 0s														
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)														
VGR COVERAGE		VGR ON CALL												VGR ON CALL														
NOTES		[1] S/C 31=GS-4B @ 1124 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:		JUL 19															JUL 20											

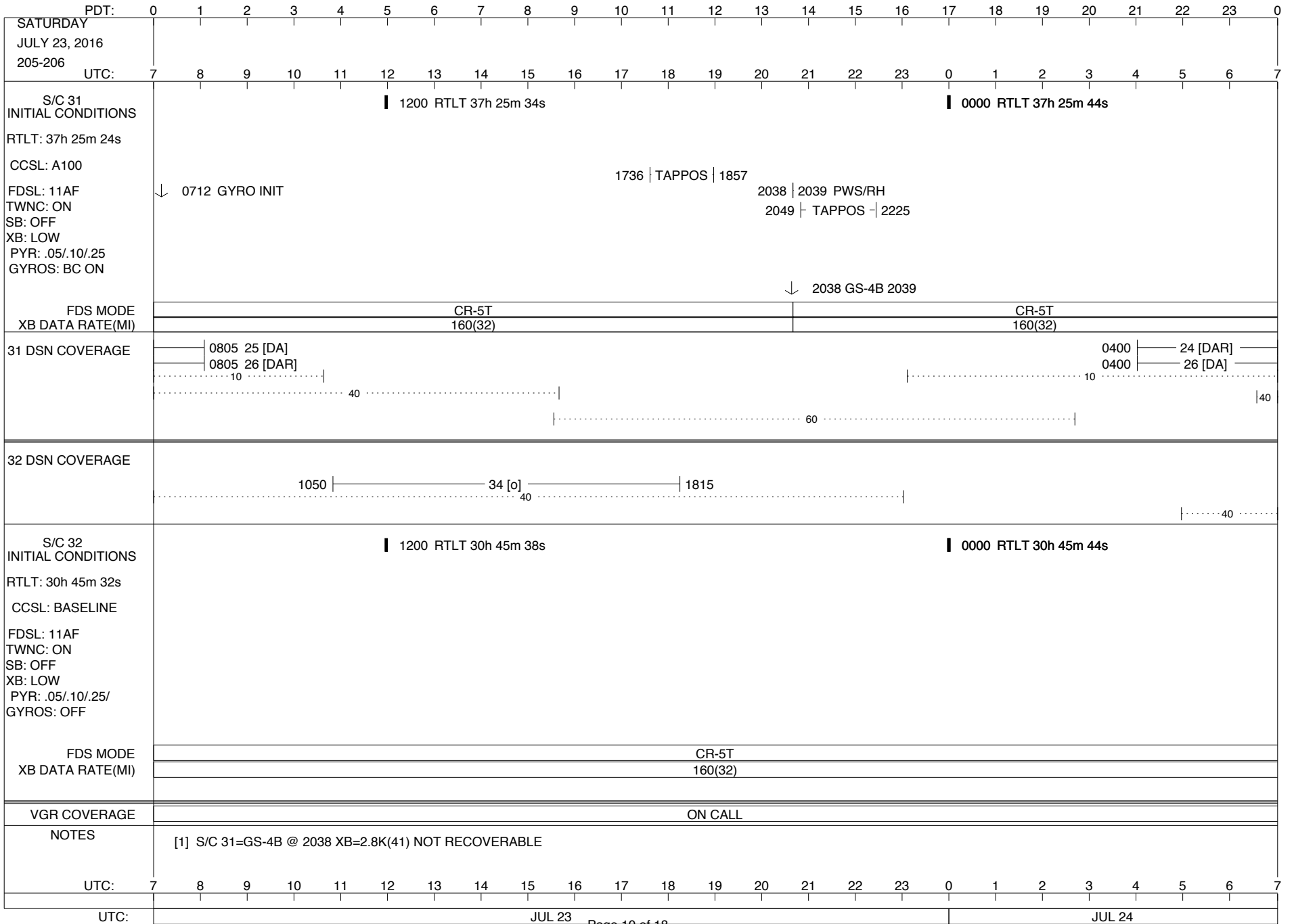
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WEDNESDAY JULY 20, 2016 202-203																												
S/C 31 INITIAL CONDITIONS RTLT: 37h 24m 26s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 37h 24m 34s														0000 RTLT 37h 24m 44s													
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
31 DSN COVERAGE																												
32 DSN COVERAGE																												
S/C 32 INITIAL CONDITIONS RTLT: 30h 45m 0s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 30h 45m 6s														0000 RTLT 30h 45m 10s													
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:	JUL 20														JUL 21													

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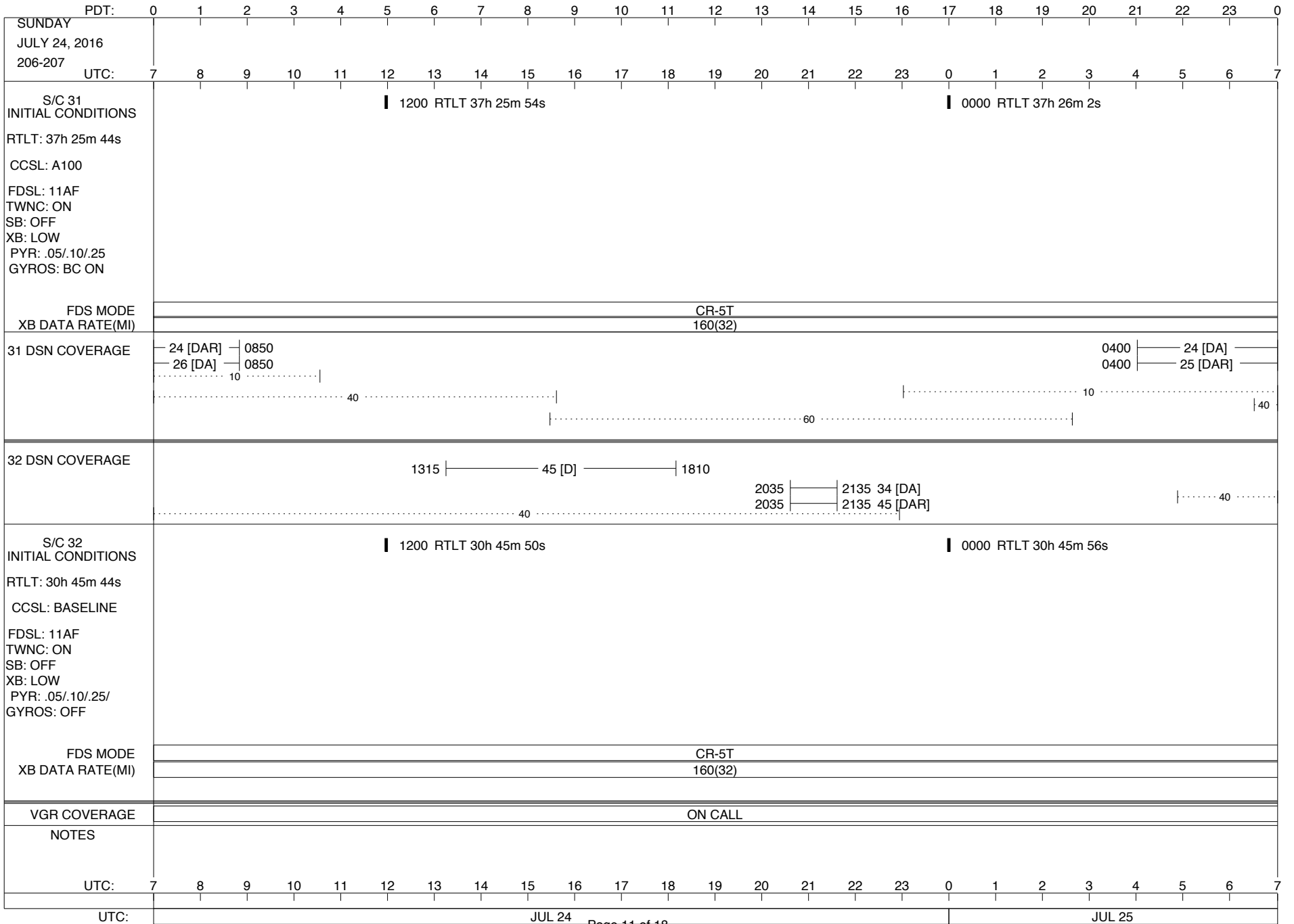


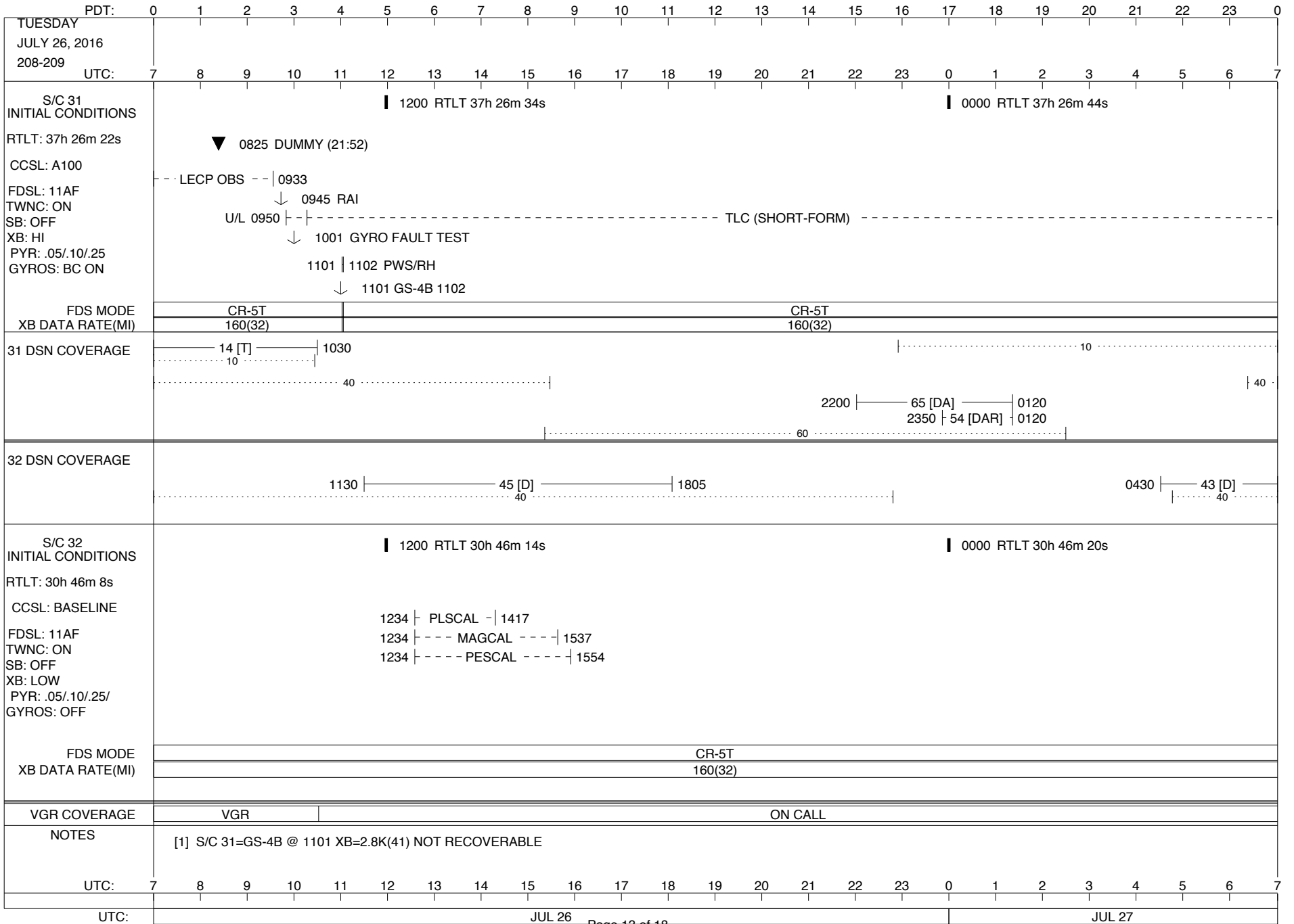
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ISSUE DATE: 07/14/16 13:13





ISSUE DATE: 07/14/16 13:13

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
WEDNESDAY JULY 27, 2016 209-210																									
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: 37h 26m 44s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON						█ 1200												█ 0000							
FDS MODE XB DATA RATE(MI)																									
31 DSN COVERAGE																									
32 DSN COVERAGE																									
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												█ 0000							
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:																									

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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 JULY 28, 2016 210-211	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 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												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	14 [D] 101540.....										0330 14 [D] 60.....														
32 DSN COVERAGE	1035 35 [D] 175540.....											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 XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	VGR												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1714 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:	JUL 28												JUL 29												

ISSUE DATE: 07/14/16 13:13

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	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: 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 XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE1010 14 [D] 0605												
4040 ..												
60																								
32 DSN COVERAGE	1240 -----34 [o]----- 1745												1735 -----45 [DAR]----- 2145 1735 -----35 [DA]----- 2145												
4040 ..												
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 XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE													ON CALL												
NOTES	[1] S/C 31=GS-4B @ 2015 XB=2.8K(41) NOT RECOVERABLE																								
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UTC:	JUL 30												JUL 31												

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 JULY 31, 2016 213-214	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 6s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: BC ON	<p>1200 RTLT 37h 28m 16s</p>																										
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																										
31 DSN COVERAGE	<p>14 [D] 1005 10 40</p>																										
32 DSN COVERAGE	<p>1545 34 [D] 1745 1830 43 [D] 2230 40</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 30h 47m 10s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	<p>1200 RTLT 30h 47m 16s</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:	JUL 31														AUG 01												