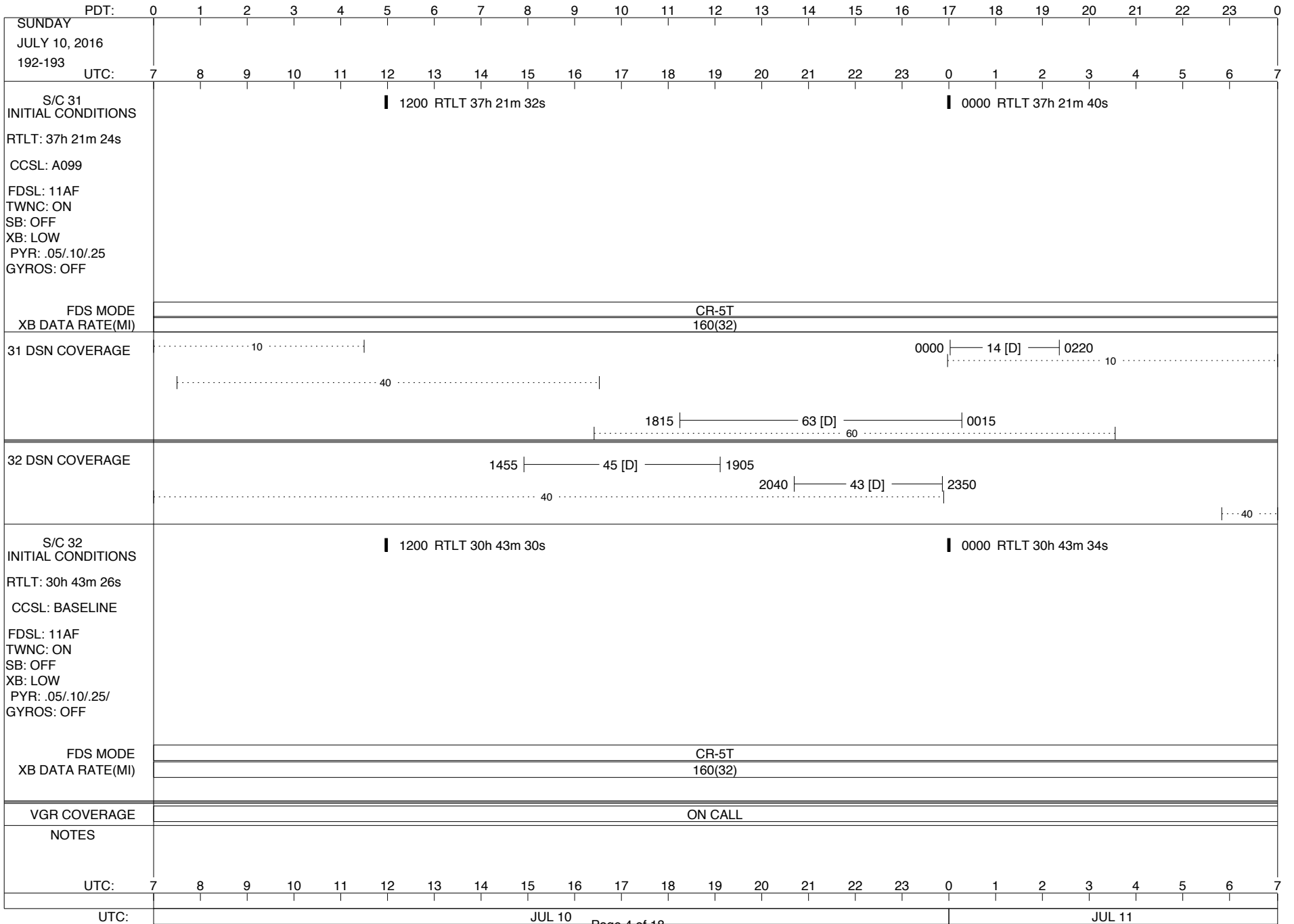


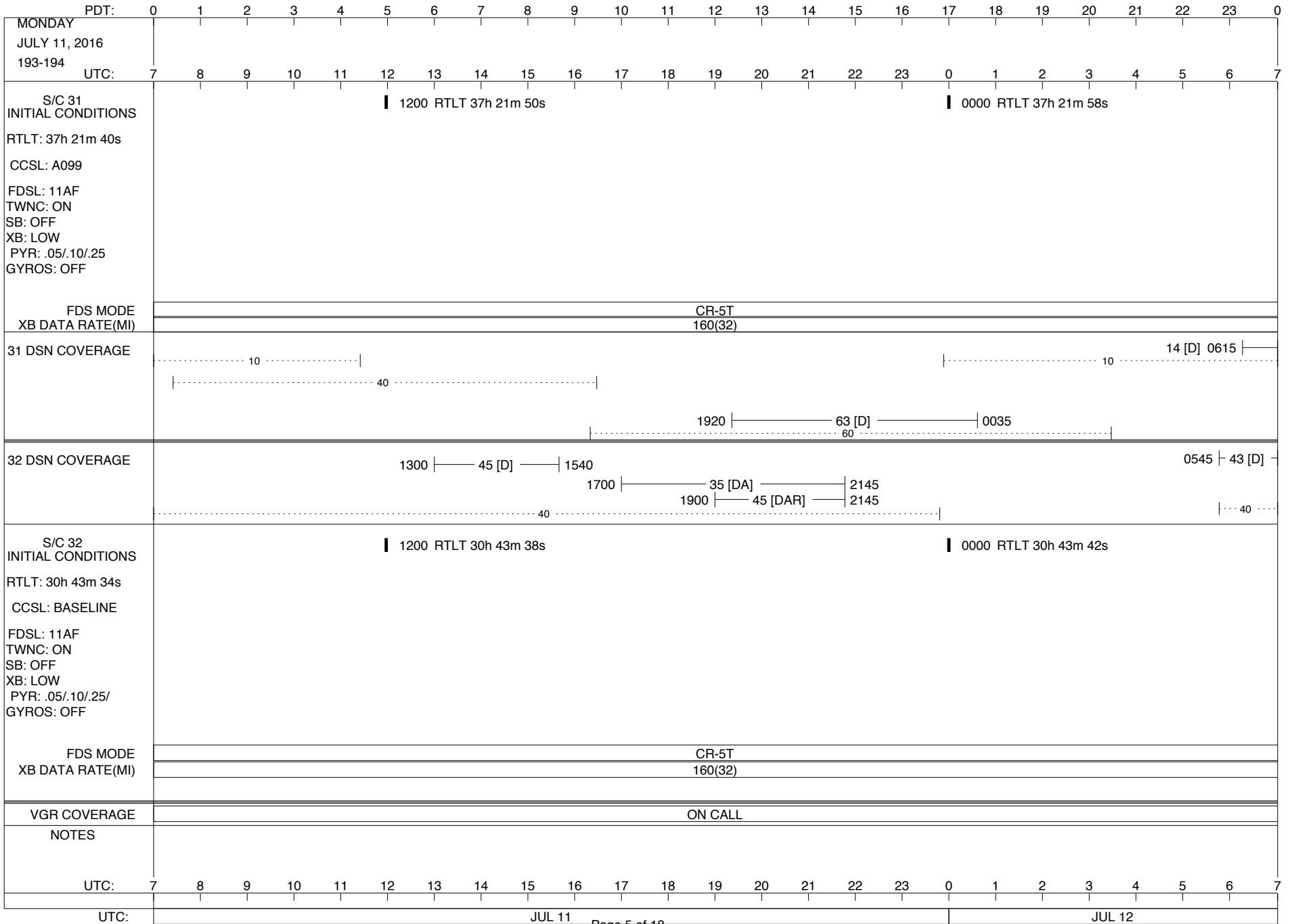
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THURSDAY JULY 7, 2016 189-190																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 37h 20m 32s CCSL: A099 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 20m 42s												0000 RTLT 37h 20m 50s												
FDS MODE	CR-5T												CR-5T		EL-40		CR-5T								
XB DATA RATE(MI)	160(32)												160(32)		40(30)		160(32)								
31 DSN COVERAGE	..... 10 .....												..... 10 .....												
	..... 40 .....												..... 60 .....												
	..... 2105  ..... 63 [D] .....												..... 0410 .....												
32 DSN COVERAGE	1100  ..... 35 [D] .....												1920 .....												
	..... 40 .....												1940  ..... 43 [B] .....												
	..... 2140 .....												..... 40 .....												
S/C 32 INITIAL CONDITIONS RTLT: 30h 43m 2s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 30h 43m 6s												0000 RTLT 30h 43m 10s												
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 @ 1823 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 07												Page 1 of 18		JUL 08										

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 JULY 8, 2016 190-191	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 20m 50s CCSL: A099 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 20m 58s												0000 RTLT 37h 21m 6s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	.....10.....												.....10.....													
	.....40.....																									
													1930  -----63 [D]----- 0045 60													
32 DSN COVERAGE	1045  -----34 [o]----- 1915												.....40..... .....40.....													
S/C 32 INITIAL CONDITIONS RTLT: 30h 43m 10s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 30h 43m 14s												0000 RTLT 30h 43m 18s													
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 08												JUL 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 9, 2016 191-192	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 21m 6s CCSL: A099 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 21m 14s												0000 RTLT 37h 21m 24s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)													
31 DSN COVERAGE	.....10.....												.....10.....													
	.....40.....																									
													1800  -----63 [D]----- 0225 60													
32 DSN COVERAGE	1510  -----34 [D]----- 1910												1910  -----43 [D]----- 2355													
	.....40.....												.....40.....													
S/C 32 INITIAL CONDITIONS RTLTL: 30h 43m 18s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 30h 43m 22s												0000 RTLT 30h 43m 26s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																									
VGR COVERAGE													ON CALL													
NOTES	[1] S/C 31=GS-4B @ 2123 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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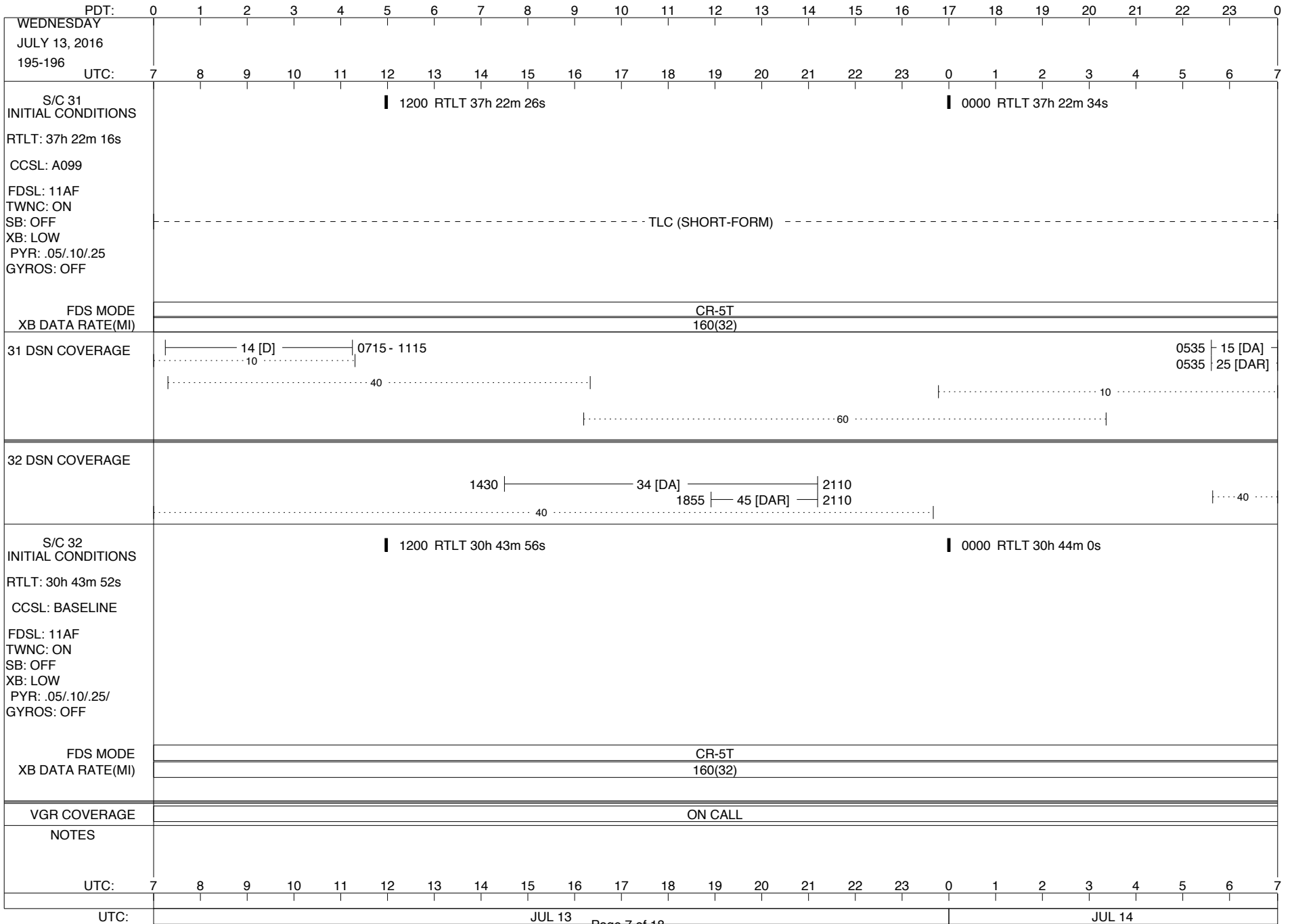
ISSUE DATE: 07/07/16 14:02



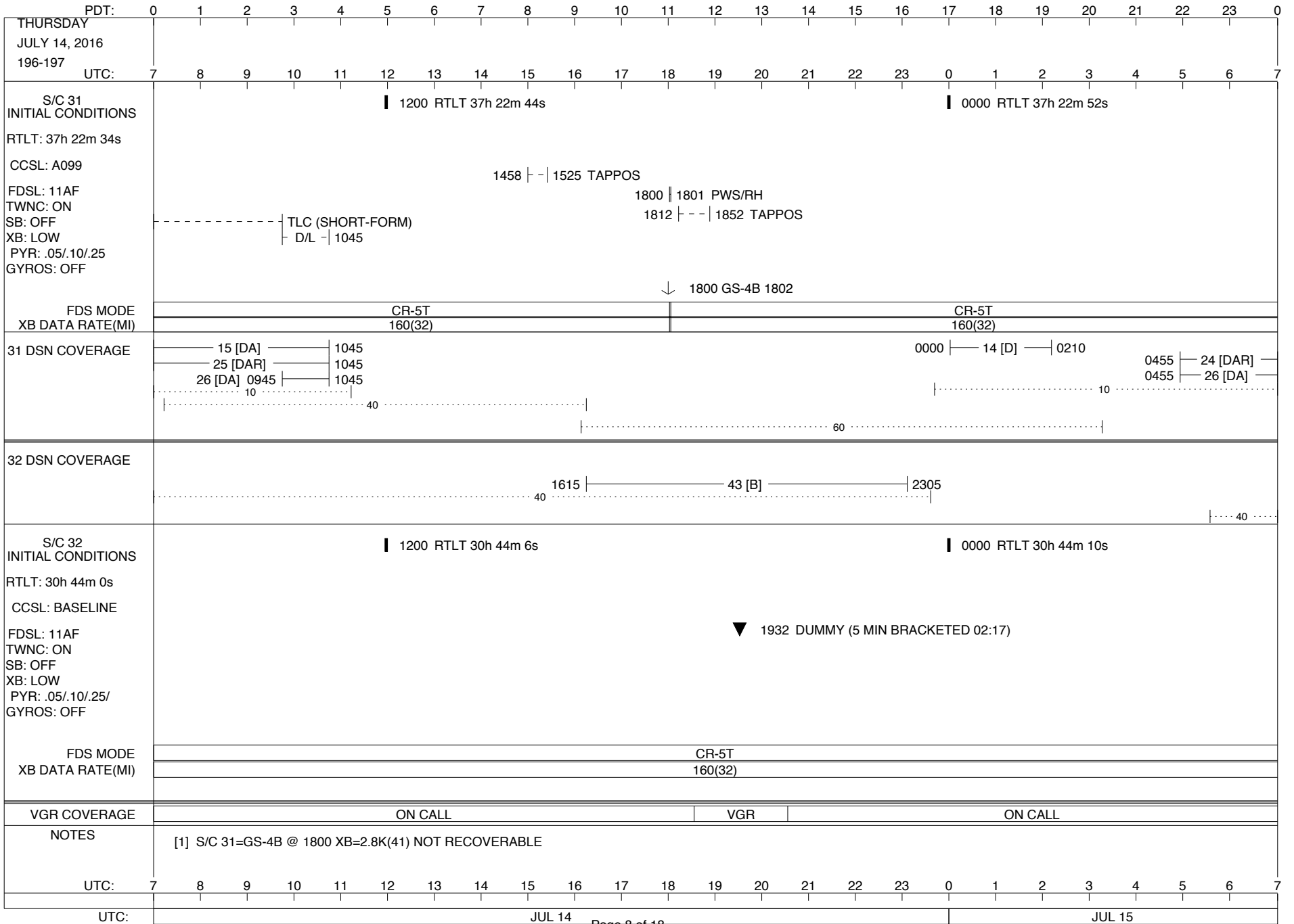


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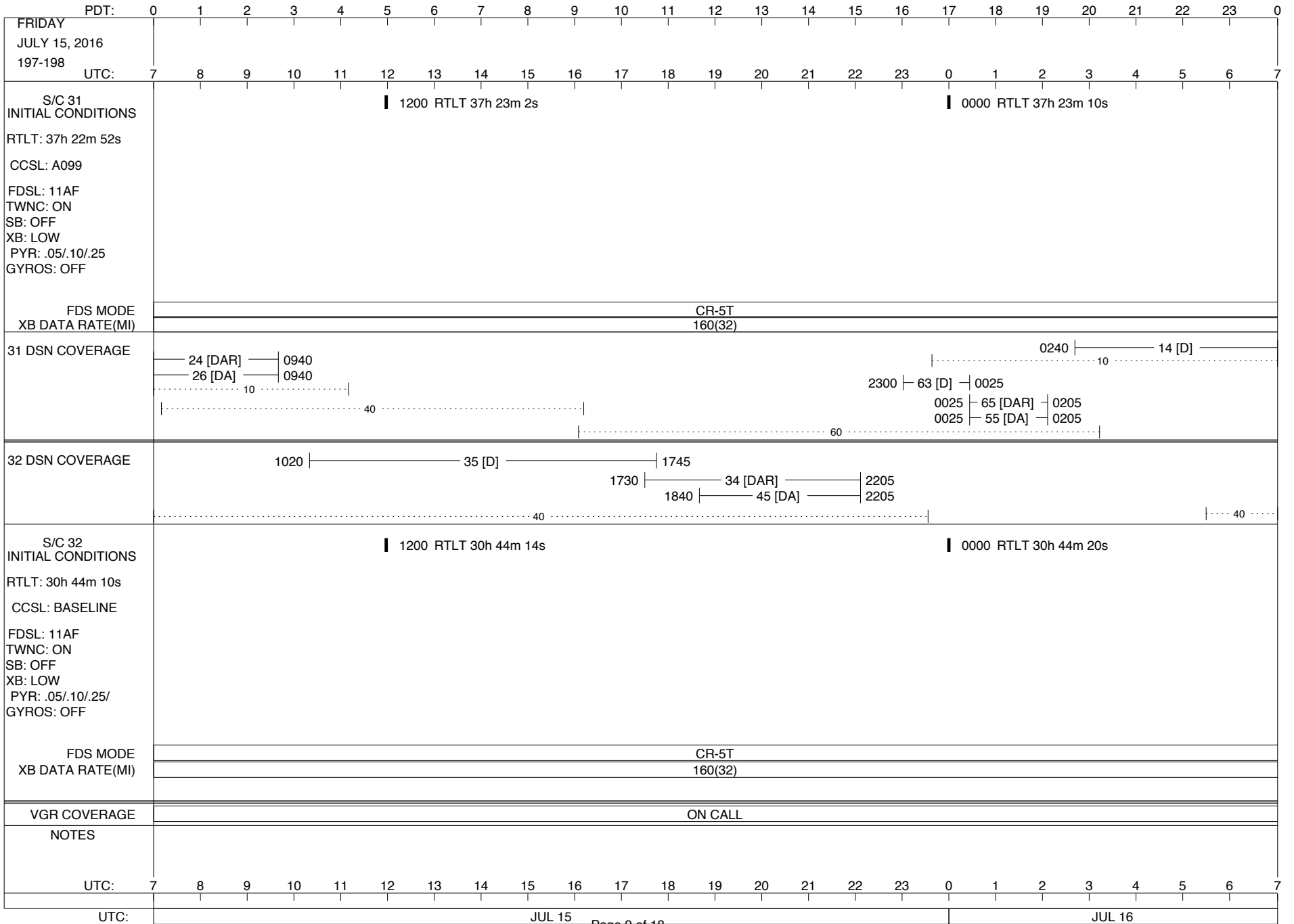
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TUESDAY JULY 12, 2016 194-195	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLT: 37h 21m 58s CCSL: A099 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 22m 8s												0000 RTLT 37h 22m 16s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	14 [D]   1115 10												1705   63 [T2]   2105   0025   63 [D]   0335 60												
32 DSN COVERAGE	43 [D]   1005 1150   35 [DA]   2145 40												1900   36 [DAR]   2145 40												
S/C 32 INITIAL CONDITIONS RTLT: 30h 43m 42s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 30h 43m 48s												0000 RTLT 30h 43m 52s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
VGR COVERAGE	ON CALL												VGR ON CALL												
NOTES	[1] S/C 31=GS-4B @ 1147 XB=2.8K(41) NOT RECOVERABLE [2] A100 BACKUP U/L TRACK																								
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 12												JUL 13												

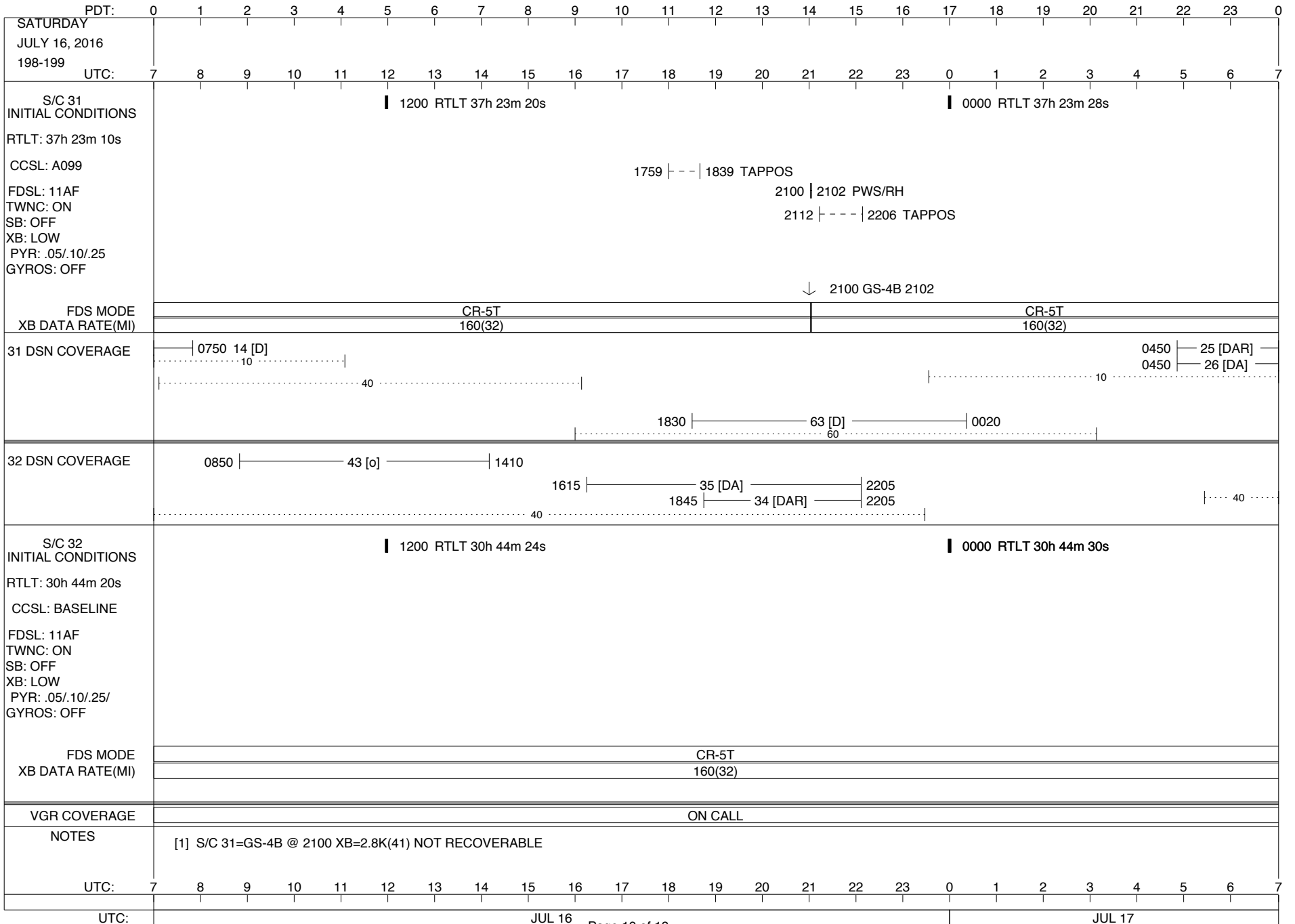


ISSUE DATE: 07/07/16 14:02







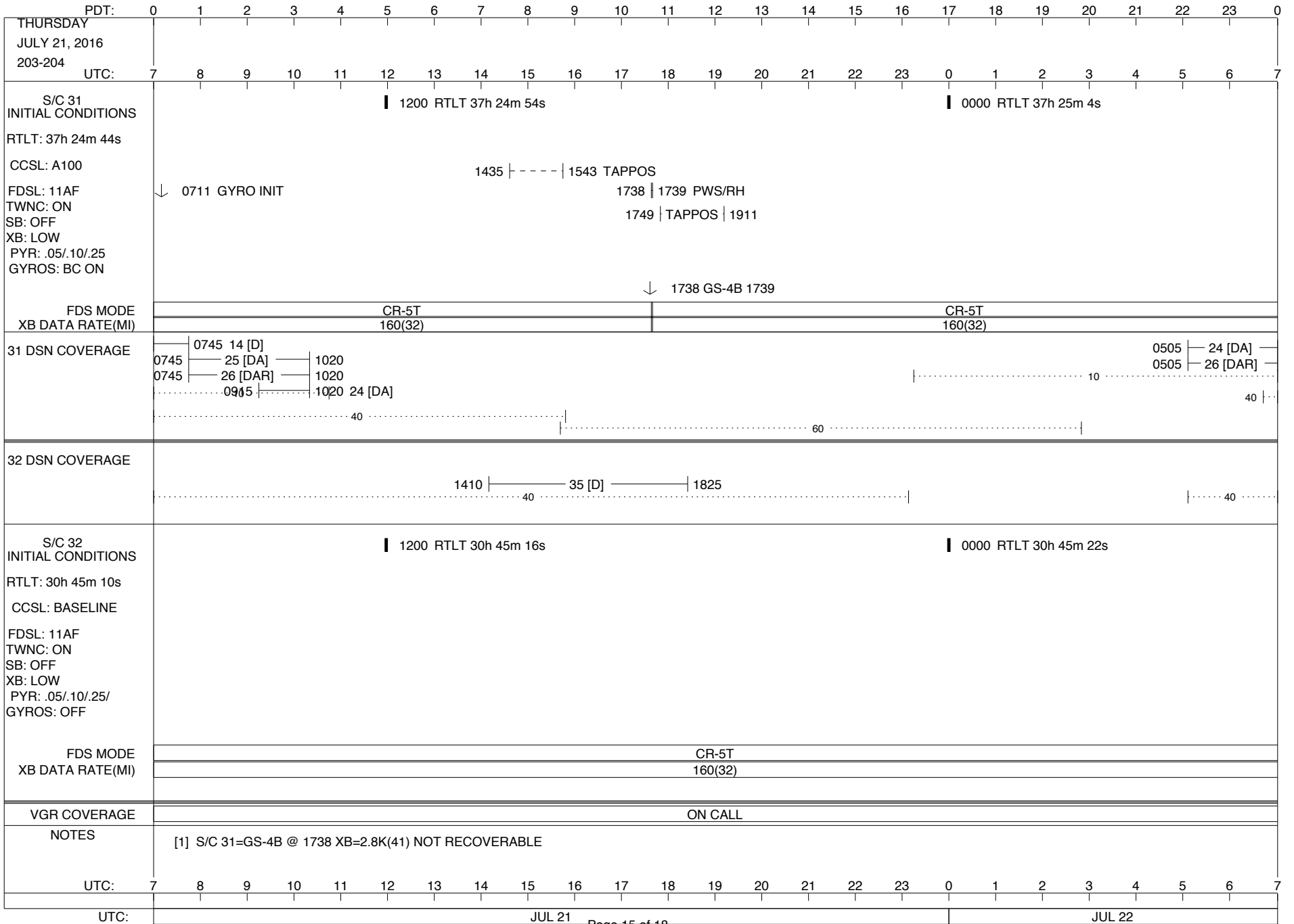


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SUNDAY JULY 17, 2016 199-200																											
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7		
S/C 31 INITIAL CONDITIONS RTLT: 37h 23m 28s CCSL: A099 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF																											
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>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> </div> <div style="width: 45%;"> <p>1615   43 [D]   2325</p> <p>..... 40 .....</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	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>█ 1200 RTLT 30h 44m 34s</p> </div> <div style="width: 45%;"> <p>█ 0000 RTLT 30h 44m 40s</p> </div> </div>																										
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 17													JUL 18													

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 JULY 18, 2016 200-201																											
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	<p>BEGIN SEQUENCE A100 0351 ↓</p> <p>SHUNT POWER TEST 0611 - 0643   -  </p>																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE	..... 10 .....																				0545   14 [D]						
											..... 40 .....										..... 40						
											..... 40 .....										..... 60 .....						
32 DSN COVERAGE											1145  ----- 34 [D] -----  1835										..... 40 .....						
											..... 40 .....										..... 40 .....						
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	1200 RTLT 30h 44m 44s													0000 RTLT 30h 44m 50s													
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 18													JUL 19													

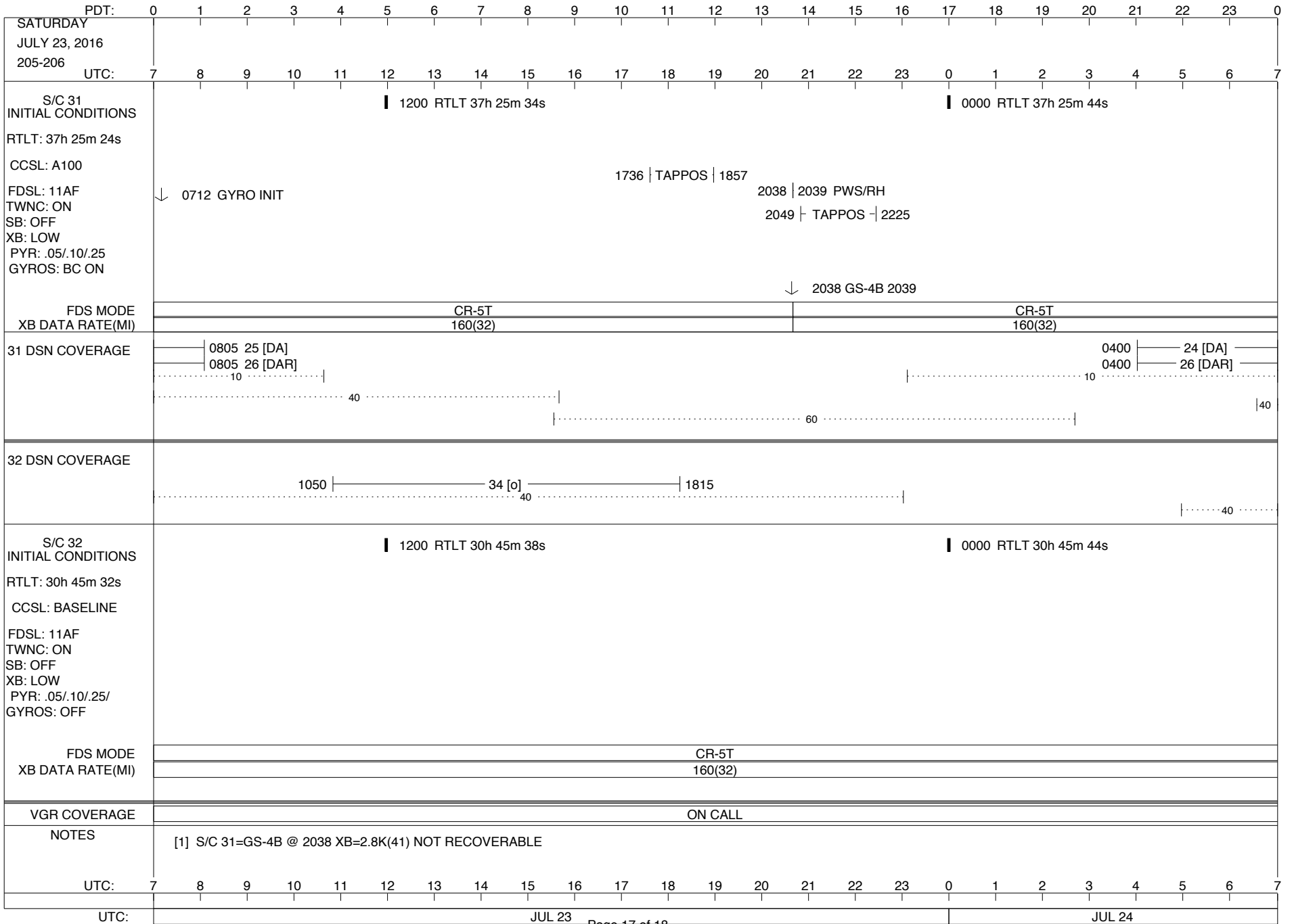
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TUESDAY JULY 19, 2016 201-202																												
S/C 31 INITIAL CONDITIONS RTLT: 37h 23m 28s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 24m 16s												0000 RTLT 37h 24m 26s															
↓ 0711 GYROS BC ON ↓ 0712 GYRO INIT ↓ 0721 GYRO FAULT TEST	1124   1125 PWS/RH ↓ 1124 GS-4B 1125												0315 - 0618   --- MAGCAL ---   0315 - 0635   --- PESCAL ---															
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)															
31 DSN COVERAGE	14 [D]   1050 .....  .....40.....												0130   25 [DAR]   0130   26 [DA]   .....10.....  14 [D] 0645   2250   65 [DAR]   0150 2250   55 [DA]   0150 .....60.....  .....40															
32 DSN COVERAGE	0905   43 [B]   1600 .....40.....  1615   35 [D]   1815 .....  .....40.....																											
S/C 32 INITIAL CONDITIONS RTLT: 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															
▼ 1447 DUMMY (5 MIN BRACKETED 21:32)																												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
VGR COVERAGE	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													





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 JULY 22, 2016 204-205																										
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 25m 4s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	1200 RTLT 37h 25m 14s												0000 RTLT 37h 25m 24s													
FDS MODE	CR-5T																									
XB DATA RATE(MI)	160(32)																									
31 DSN COVERAGE	24 [DA]   0905 26 [DAR]   0905 .....  .....40 .....										0135   25 [DA] 0135   26 [DAR] .....  .....10 .....															
32 DSN COVERAGE	1140   35 [D]   1755 .....40 .....												.....40 .....													
S/C 32 INITIAL CONDITIONS RTLT: 30h 45m 22s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 30h 45m 28s												0000 RTLT 30h 45m 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:	JUL 22													JUL 23												





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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
SUNDAY JULY 24, 2016 206-207																									
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 25m 44s CCSL: A100 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: BC ON	█ 1200 RTLT 37h 25m 54s																								
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>24 [DA]   0850</p> <p>26 [DAR]   0850</p> <p>..... 10 .....</p> <p>..... 40 .....</p> </div> <div style="width: 50%; text-align: right;"> <p>..... 40 .....</p> </div> </div>																								
32 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1315  ----- 45 [D] -----  1810</p> <p>..... 40 .....</p> </div> <div style="width: 50%; text-align: right;"> <p>2035  ----- 2135 34 [DA]</p> <p>2035  ----- 2135 45 [DAR]</p> <p>..... 40 .....</p> </div> </div>																								
S/C 32 INITIAL CONDITIONS RTLT: 30h 45m 44s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	█ 1200 RTLT 30h 45m 50s																								
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 24												JUL 25												