

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: August 19, 2015

For the Period: 08/20/15 to 09/07/15 (15-232 – 15-250)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

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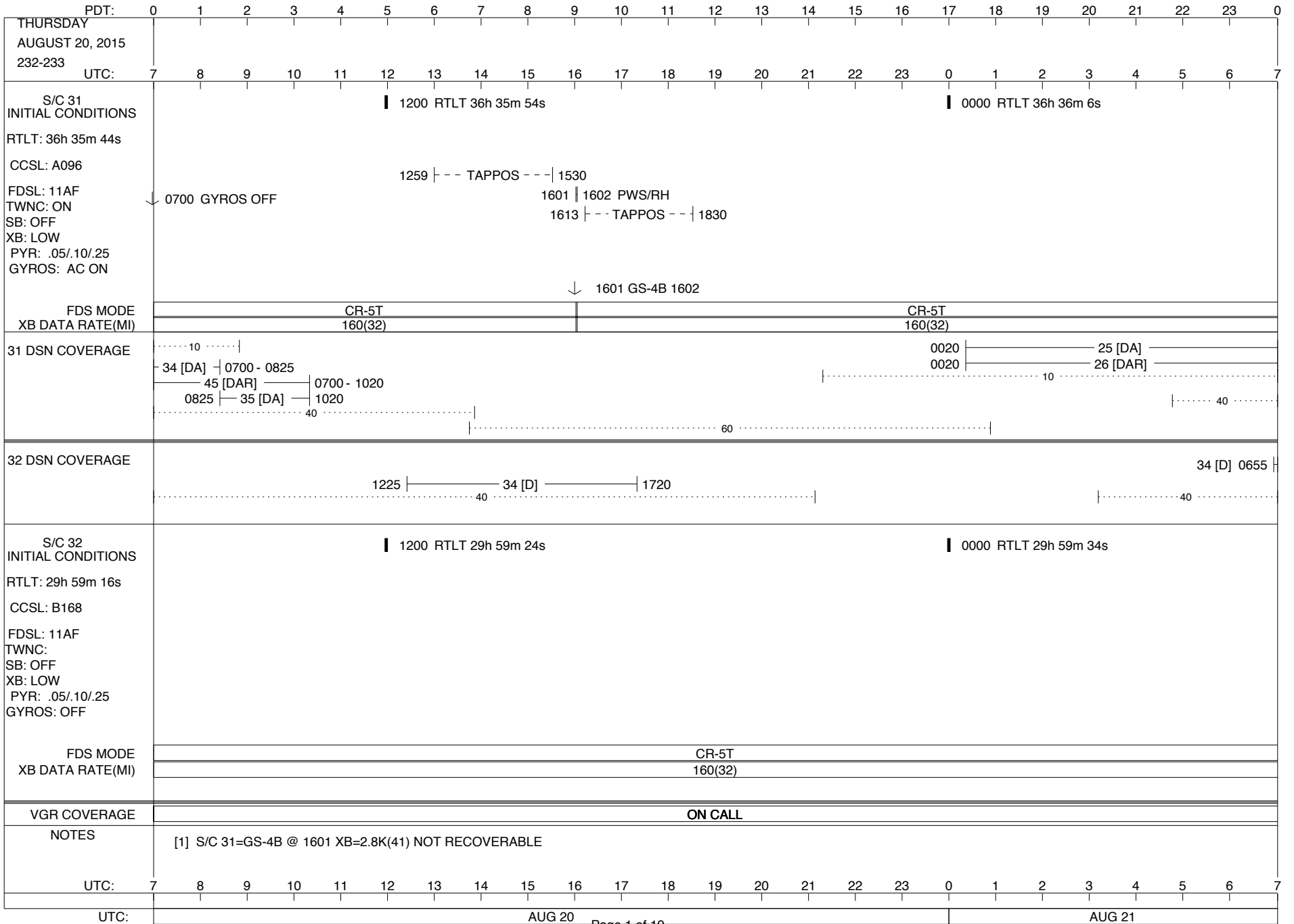
FLIGHT TEAM (14) 600-100

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

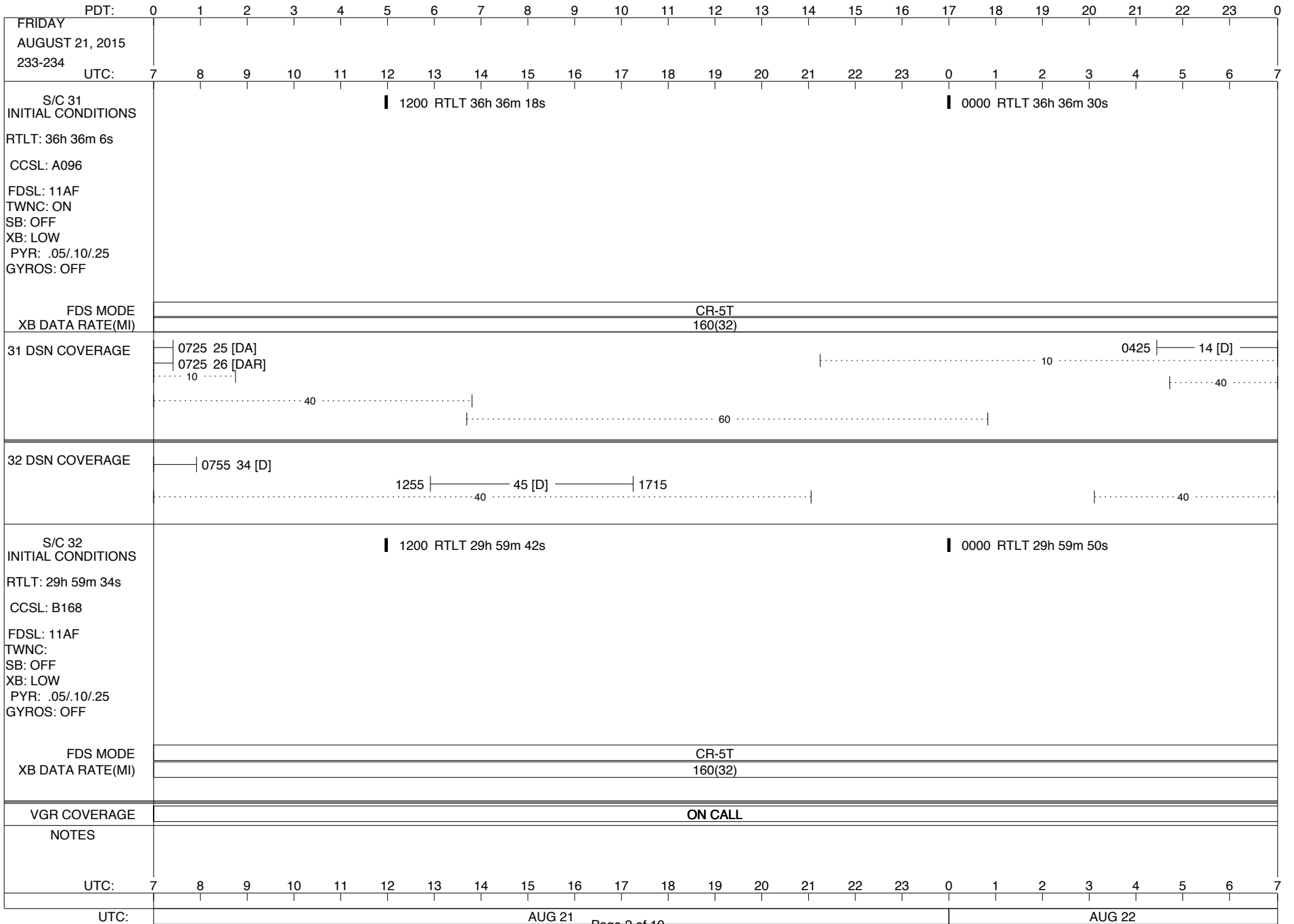
LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U =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

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

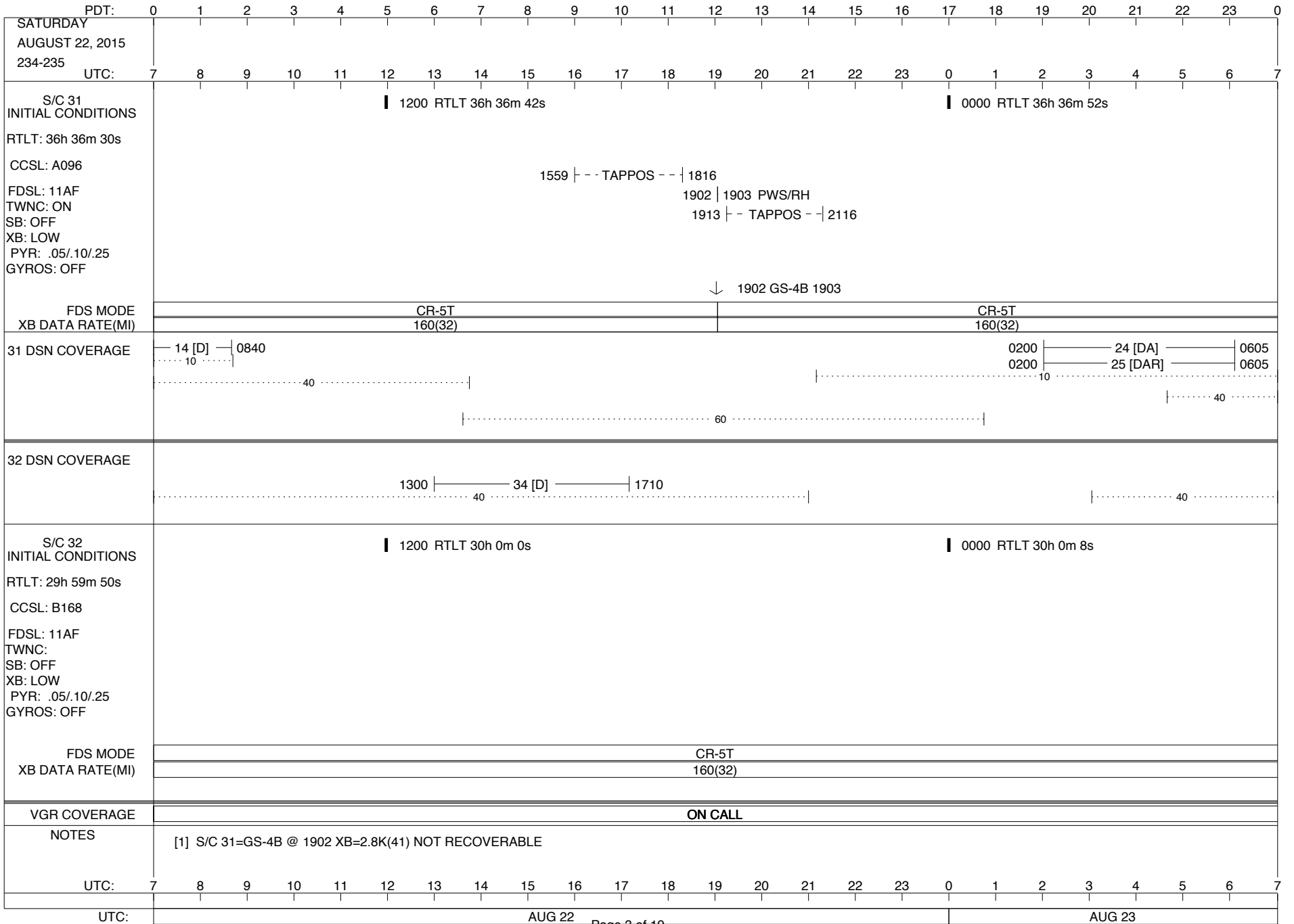
ISSUE DATE: 08/20/15 07:44



ISSUE DATE: 08/20/15 07:44



ISSUE DATE: 08/20/15 07:44



ISSUE DATE: 08/20/15 07:44

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S/C 31 INITIAL CONDITIONS RTLT: 36h 36m 52s CCSL: A096 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)														
31 DSN COVERAGE													-----10-----														
	-----10-----																										
	-----40-----												-----40-----														
	-----40-----												-----60-----														
32 DSN COVERAGE													35 [D] 0645														
	0850 -----45 [D]----- 1710																										
	-----40-----												-----40-----														
S/C 32 INITIAL CONDITIONS RTLT: 30h 0m 8s CCSL: B168 FDSL: 11AF TWNC: 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														
NOTES																											
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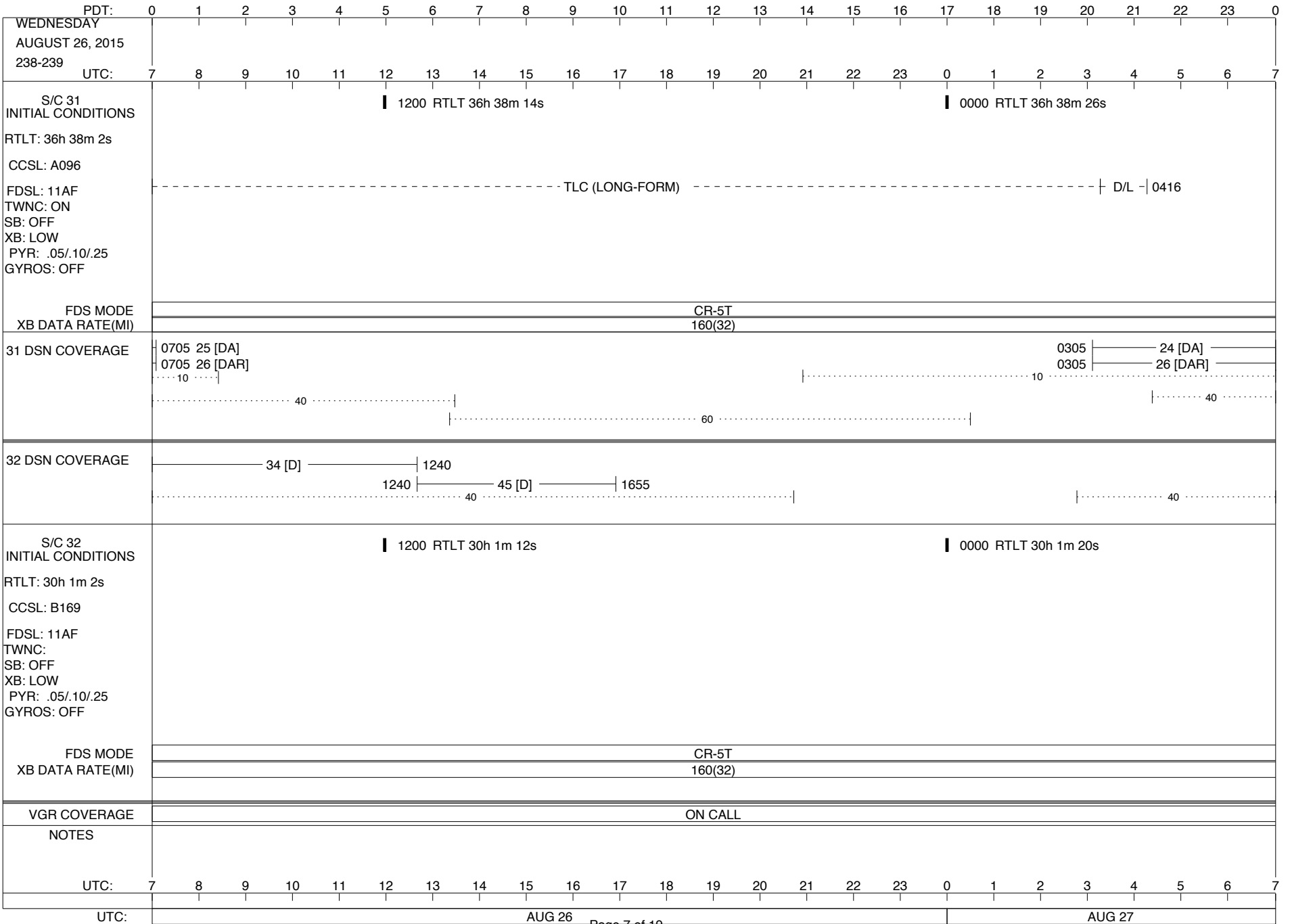
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MONDAY AUGUST 24, 2015 236-237	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	
S/C 31 INITIAL CONDITIONS RTLT: 36h 37m 16s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 37m 28s												0000 RTLT 36h 37m 40s													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	..... 10 .....|												|..... 10											
	..... 40 .....												|..... 40											
	1330 |----- 63 [D] -----| 1730												..... 60												
32 DSN COVERAGE	- 35 [D] | 0820												1245 |--- 45 [D] ---| 1445													
													1445 |--- 35 [D] ---| 1705													
	..... 40 .....												|..... 40											
S/C 32 INITIAL CONDITIONS RTLT: 30h 0m 26s CCSL: B168 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF													↓ 0036 BEGIN SEQUENCE B169													
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
VGR COVERAGE													ON CALL													
NOTES																										
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ISSUE DATE: 08/20/15 07:44

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TUESDAY AUGUST 25, 2015 237-238	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 37m 40s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 36h 37m 50s												0000 RTLTL 36h 38m 2s												
	0925 | 0925 PWS/RH												U/L 1410 | - | - - - - - TLC (LONG-FORM) - - - - -												
	↓ 0925 GS-4B 0925												▼ 1610 DUMMY (04:48)												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	..... 10 ..... |												0215 |----- 25 [DA] ----- 0215 |----- 26 [DAR] ----- 10											
	..... 40 .....												..... 40											
	1325 |----- 63 [T] ----- | 1725												..... 60											
32 DSN COVERAGE	0745 |----- 45 [D] ----- | 1700												..... 40											
	..... 40 .....												..... 40											
S/C 32 INITIAL CONDITIONS RTLTL: 30h 0m 26s CCSL: B169 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLTL 30h 0m 52s												0000 RTLTL 30h 1m 2s												
	1125 | PLSCAL - | 1308																								
	1125 | - - - MAGCAL - - - - | 1427																								
	1125 | - - - - PESCAL - - - - | 1445																								
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL												VGR ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0925 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: 08/20/15 07:44

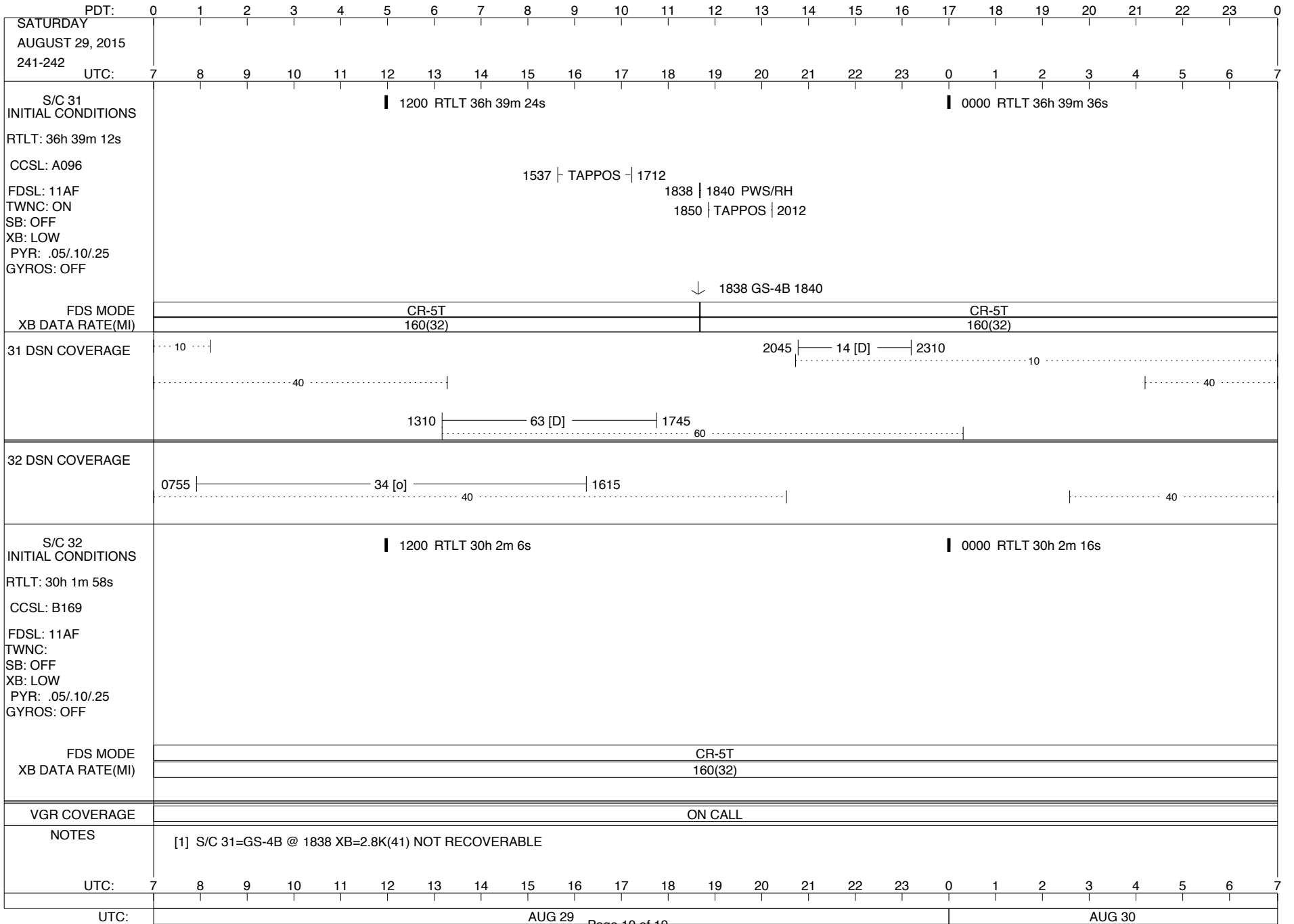


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THURSDAY AUGUST 27, 2015 239-240																												
S/C 31 INITIAL CONDITIONS RTLTL: 36h 38m 26s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 36h 38m 38s												0000 RTLT 36h 38m 50s															
	1236 | - TAPPOS - | 1426												1538 | 1539 PWS/RH 1550 | TAPPOS - | 1725															
	↓ 1538 GS-4B 1539																											
FDS MODE	CR-5T														CR-5T													
XB DATA RATE(MI)	160(32)														160(32)													
31 DSN COVERAGE	0705 24 [DA] 0705 26 [DAR] 10 .....														..... 10													
	..... 40 .....														..... 40													
	..... 60																											
32 DSN COVERAGE	0845 |----- 45 [D] -----| 1650														..... 40													
S/C 32 INITIAL CONDITIONS RTLTL: 30h 1m 20s CCSL: B169 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 1m 30s												0000 RTLT 30h 1m 38s															
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
VGR COVERAGE	ON CALL																											
NOTES	[1] S/C 31=GS-4B @ 1538 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: 08/20/15 07:44

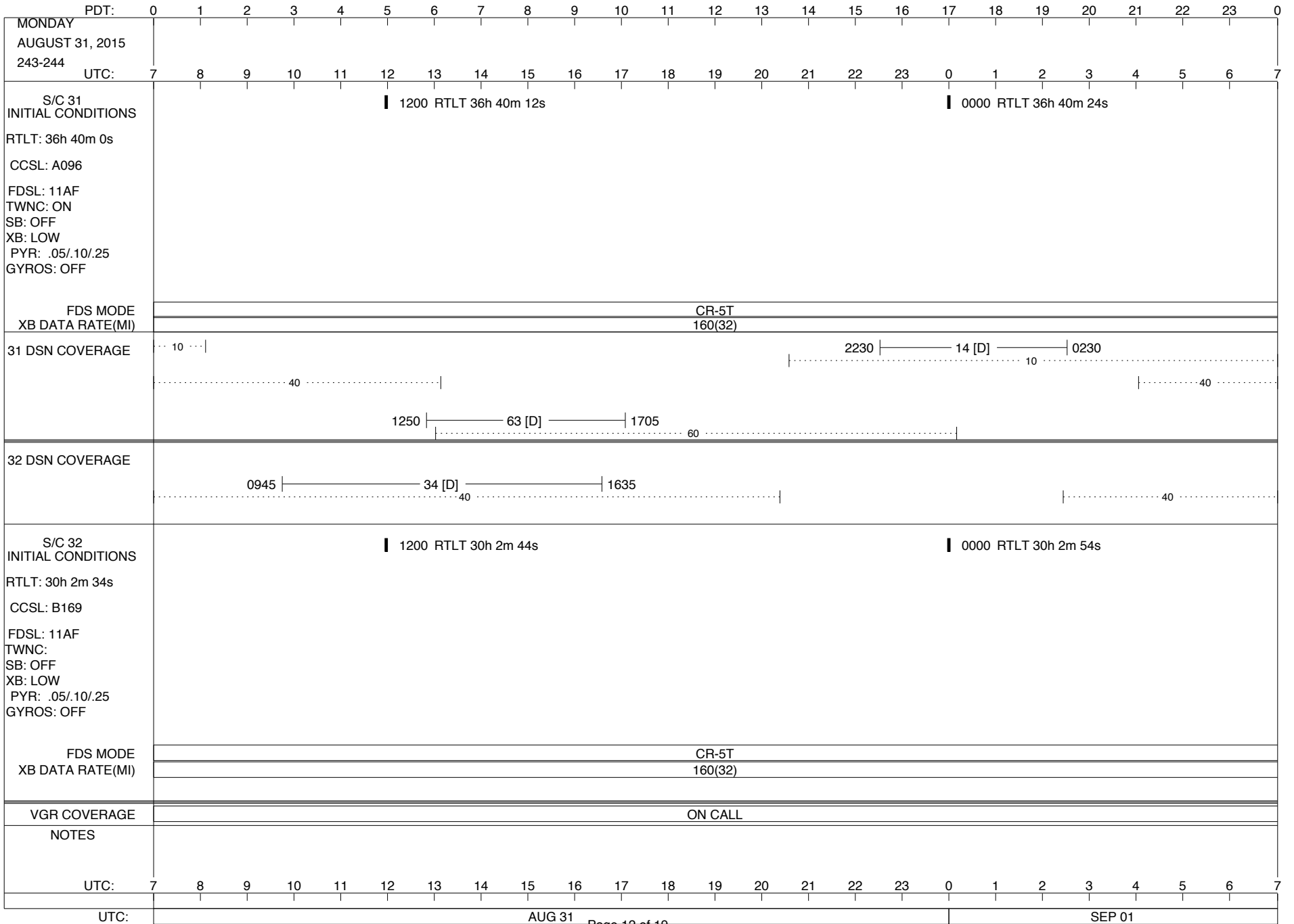
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FRIDAY AUGUST 28, 2015 240-241																												
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S/C 31 INITIAL CONDITIONS RTLT: 36h 38m 50s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF						█ 1200 RTLT 36h 39m 2s												█ 0000 RTLT 36h 39m 12s										
FDS MODE													CR-5T															
XB DATA RATE(MI)													160(32)															
31 DSN COVERAGE	..... 10 .....|												|..... 10											
	..... 40 .....												|..... 40											
													1330 |----- 63 [D] -----| 1745															
													|----- 60															
32 DSN COVERAGE	..... 1120 |----- 45 [D] -----| 1645																										
	|----- 40 .....												|..... 40											
S/C 32 INITIAL CONDITIONS RTLT: 30h 1m 38s CCSL: B169 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF						█ 1200 RTLT 30h 1m 48s												█ 0000 RTLT 30h 1m 58s										
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:	AUG 28														AUG 29													



ISSUE DATE: 08/20/15 07:44

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 AUGUST 30, 2015 242-243	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 39m 36s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 36h 39m 48s												0000 RTLT 36h 40m 0s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
31 DSN COVERAGE	.....10 .....| .....40 .....| 1305 |-----63 [D]-----| 1705 .....60 .....|												|.....10.....											
32 DSN COVERAGE	.....1235 |-----45 [D]-----| 1640 .....40 .....|												|.....40.....											
S/C 32 INITIAL CONDITIONS RTLT: 30h 2m 16s CCSL: B169 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	1200 RTLT 30h 2m 26s												0000 RTLT 30h 2m 34s													
FDS MODE													CR-5T													
XB DATA RATE(MI)													160(32)													
VGR COVERAGE													ON CALL													
NOTES																										
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ISSUE DATE: 08/20/15 07:44



ISSUE DATE: 08/20/15 07:44

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			
TUESDAY																													
SEPTEMBER 1, 2015																													
244-245																													
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S/C 31 INITIAL CONDITIONS		1200 RTLT 36h 40m 36s														0000 RTLT 36h 40m 48s													
RTLT: 36h 40m 24s																													
CCSL: A096																													
FDSL: 11AF		0902 | 0903 PWS/RH																											
TWNC: ON																													
SB: OFF																													
XB: LOW																													
PYR: .05/.10/.25																													
GYROS: OFF																													
FDS MODE		CR-5T														CR-5T													
XB DATA RATE(MI)		160(32)														160(32)													
31 DSN COVERAGE		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>10 |-----| 40</p> <p>40 |-----| 60</p> </div> <div style="width: 45%;"> <p>0145 - 0640 |-----| 15 [DA]</p> <p>0145 - 0640 |-----| 26 [DAR]</p> <p>10 |-----| 40</p> </div> </div>																											
32 DSN COVERAGE		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1035 |-----| 45 [D] |-----| 1630</p> <p>40 |-----| 60</p> </div> <div style="width: 45%;"> <p>0330 |-----| 43 [H2] |-----| 0530</p> <p>40 |-----| 60</p> </div> </div>																											
S/C 32 INITIAL CONDITIONS		1200 RTLT 30h 3m 4s														0000 RTLT 30h 3m 14s													
RTLT: 30h 2m 54s																													
CCSL: B169																													
FDSL: 11AF		DUMMY (10:03) 0400▼																											
TWNC:																													
SB: OFF																													
XB: LOW																													
PYR: .05/.10/.25																													
GYROS: OFF																													
FDS MODE																CR-5T													
XB DATA RATE(MI)																160(32)													
VGR COVERAGE		ON CALL																				VGR		ON CALL					
NOTES		<p>[1] S/C 31=GS-4B @ 0902 XB=2.8K(41) NOT RECOVERABLE</p> <p>[2] DSS-43 RTS HP TRANSMITTER DEMO, HP DRV ON >= 03:40:16</p>																											
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: 08/20/15 07:44

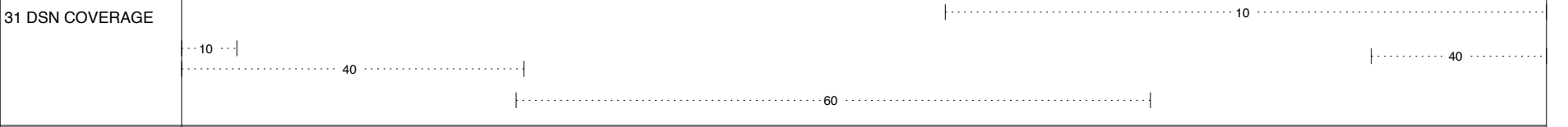
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WEDNESDAY
 SEPTEMBER 2, 2015
 245-246

S/C 31
 INITIAL CONDITIONS
 RTLT: 36h 40m 48s
 CCSL: A096
 FDSL: 11AF
 TWNC: ON
 SB: OFF
 XB: LOW
 PYR: .05/10/25
 GYROS: OFF

1200 RTLT 36h 41m 0s | 0000 RTLT 36h 41m 10s

FDS MODE	CR-5T
XB DATA RATE(MI)	160(32)



S/C 32
 INITIAL CONDITIONS
 RTLT: 30h 3m 14s
 CCSL: B169
 FDSL: 11AF
 TWNC:
 SB: OFF
 XB: LOW
 PYR: .05/10/25
 GYROS: OFF

1200 RTLT 30h 3m 22s | 0000 RTLT 30h 3m 32s

0726 ----- COMMAND MORATORIUM -----

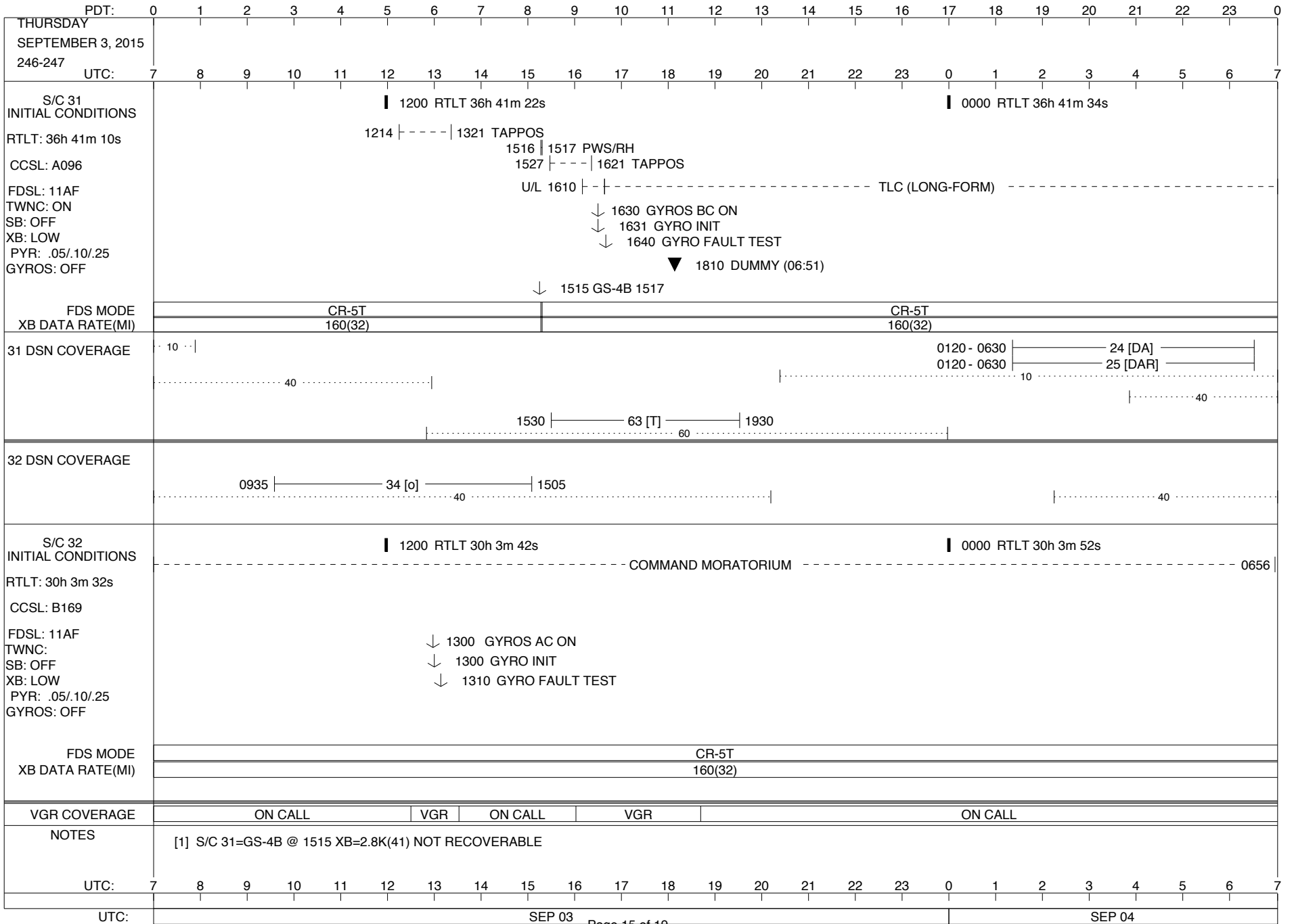
FDS MODE	CR-5T
XB DATA RATE(MI)	160(32)

VGR COVERAGE ON CALL

NOTES

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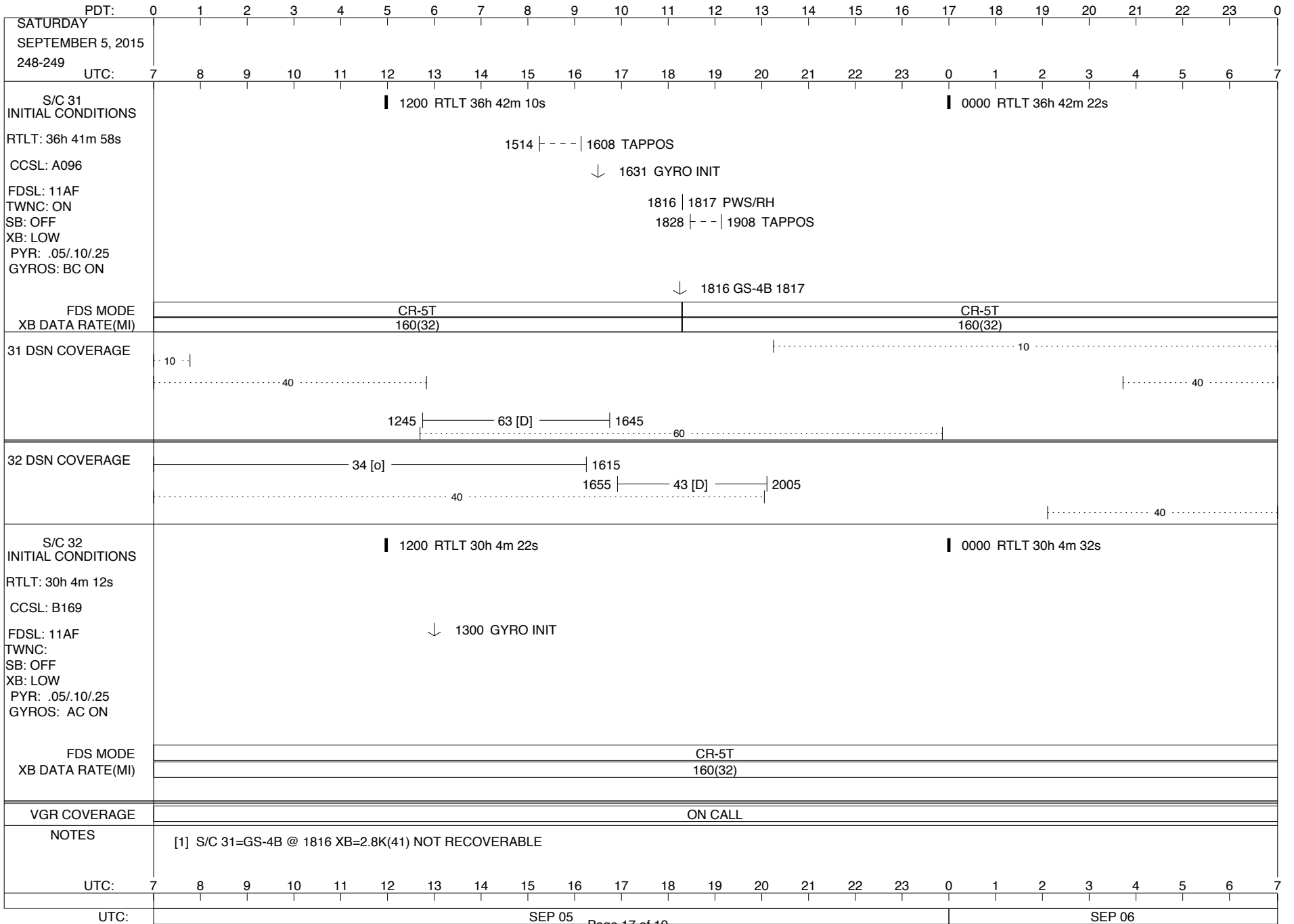
UTC: SEP 02 | SEP 03



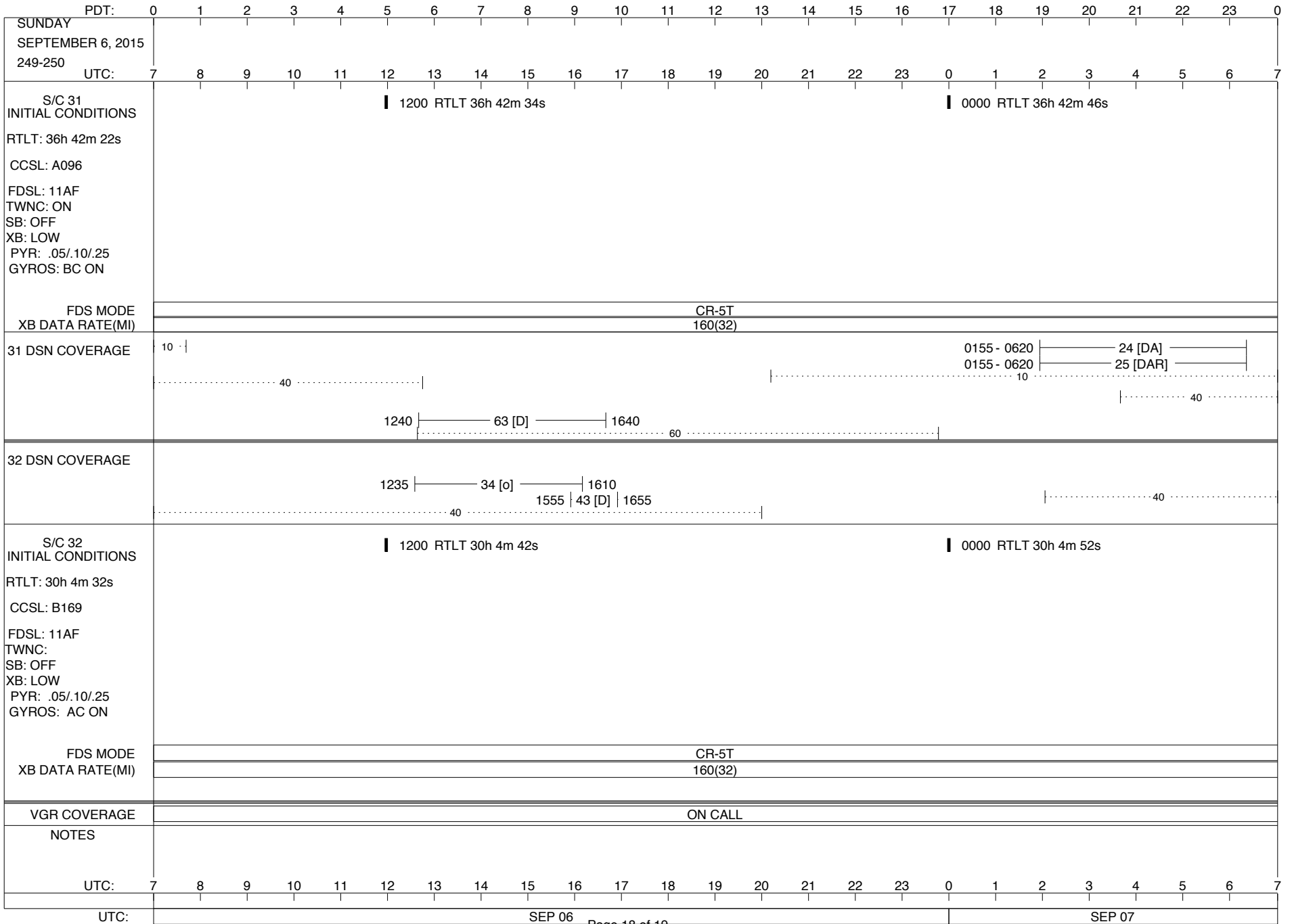
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FRIDAY SEPTEMBER 4, 2015 247-248																										
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S/C 31 INITIAL CONDITIONS RTLT: 36h 41m 34s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: BC ON	1200 RTLT 36h 41m 46s												0000 RTLT 36h 41m 58s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)													
31 DSN COVERAGE	10 | 40 | 60 | 2025 | 14 [D] | 0040 | 10 | 40																									
32 DSN COVERAGE	1300 | 43 [o] | 1730 | 40												34 [o] 0645 | 40													
S/C 32 INITIAL CONDITIONS RTLT: 30h 3m 52s CCSL: B169 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/10/25 GYROS: AC ON	1200 RTLT 30h 4m 2s												0000 RTLT 30h 4m 12s													
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 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:	SEP 04												SEP 05													

ISSUE DATE: 08/20/15 07:44



ISSUE DATE: 08/20/15 07:44



ISSUE DATE: 08/20/15 07:44

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 SEPTEMBER 7, 2015 250-251																											
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S/C 31 INITIAL CONDITIONS RTLT: 36h 42m 46s CCSL: A096 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: BC ON	<p>█ 1200 RTLT 36h 42m 58s</p> <p>↓ 1631 GYRO INIT</p>																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE																											
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS RTLT: 30h 4m 52s CCSL: B169 FDSL: 11AF TWNC: SB: OFF XB: LOW PYR: .05/10/25 GYROS: AC ON	<p>█ 1200 RTLT 30h 5m 2s</p> <p>↓ 1301 GYRO INIT</p>																										
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
VGR COVERAGE	ON CALL																										
NOTES	JPL HOLIDAY!																										
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UTC:	SEP 07													SEP 08													