

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: September 17, 2014

For the Period: 09/18/14 to 10/06/14 (14-261 – 14-279)

DSN OPSCHIEF (1) 230-102

DSOT (1) 230-102

*Zsarina.Bulchand@jpl.nasa.gov
 *gdyke@airmail.ftops.jpl.nasa.gov
 *John.M.Grant@jpl.nasa.gov
 *dmcclena@airmail.ftops.jpl.nasa.gov
 *pquach@airmail.ftops.jpl.nasa.gov
 *mrobles@airmail.ftops.jpl.nasa.gov
 *rwilliam@airmail.ftops.jpl.nasa.gov

OTHER

* KMassey@jgld.gdscc.nasa.gov
 * Belinda.Arroyo@jpl.nasa.gov
 *DL-DSSN-MPSETA@dsn.nasa.gov

SCIENCE

CRS *bryant@mail630.gsfc.nasa.gov
 LECP *r.decker@jhupl.edu
 UVS *holburg@argus.lpl.arizona.edu
 MAG *u2mha@lepvox.gsfc.nasa.gov
 PLS *vgr@space.mit.edu
 PWS *wsk@space.physics.uiowa.edu
 *Leonard.F.Burlaga@nasa.gov
 *Donald-Gurnett@uiowa.edu

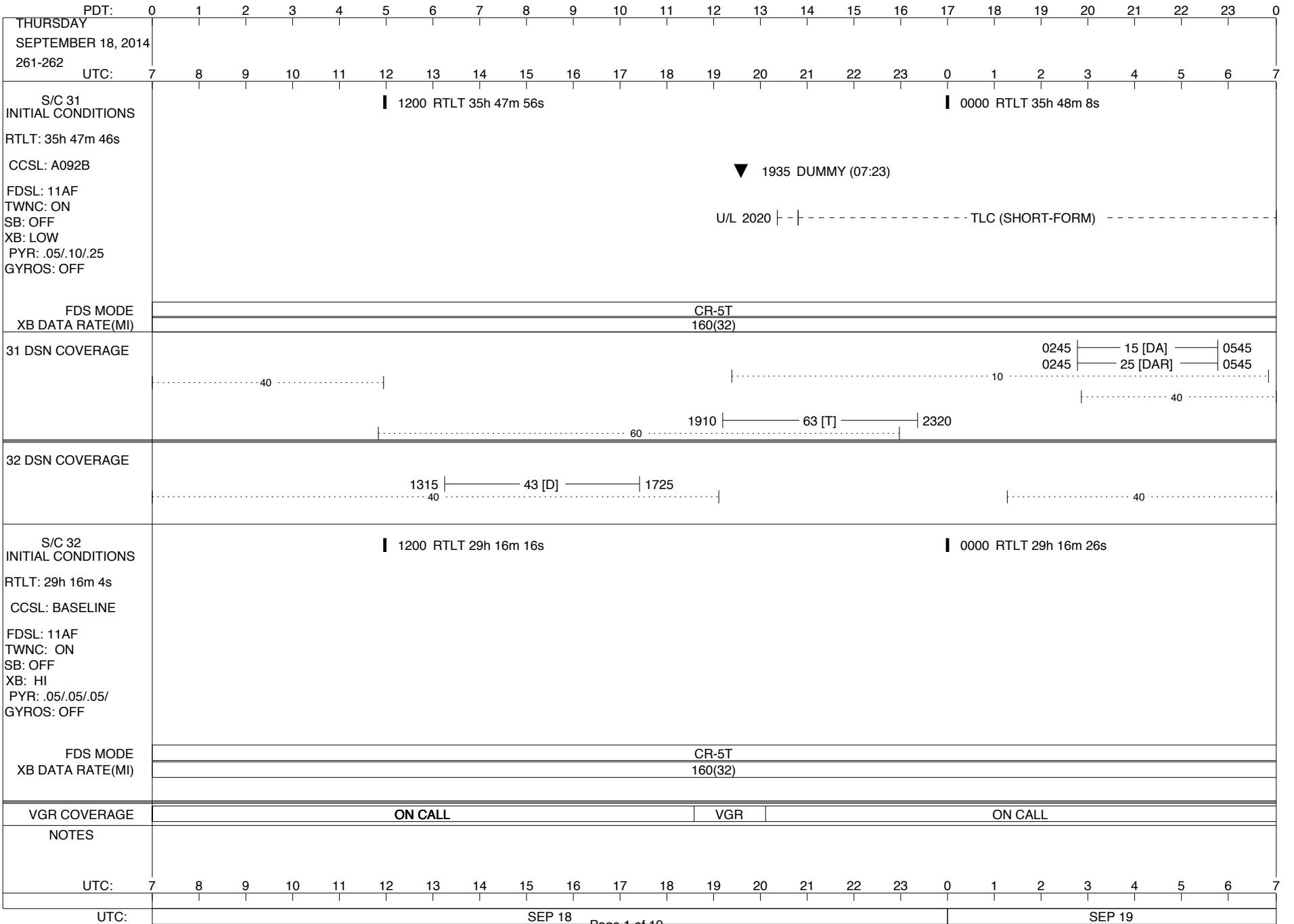
FLIGHT TEAM (14) 600-100

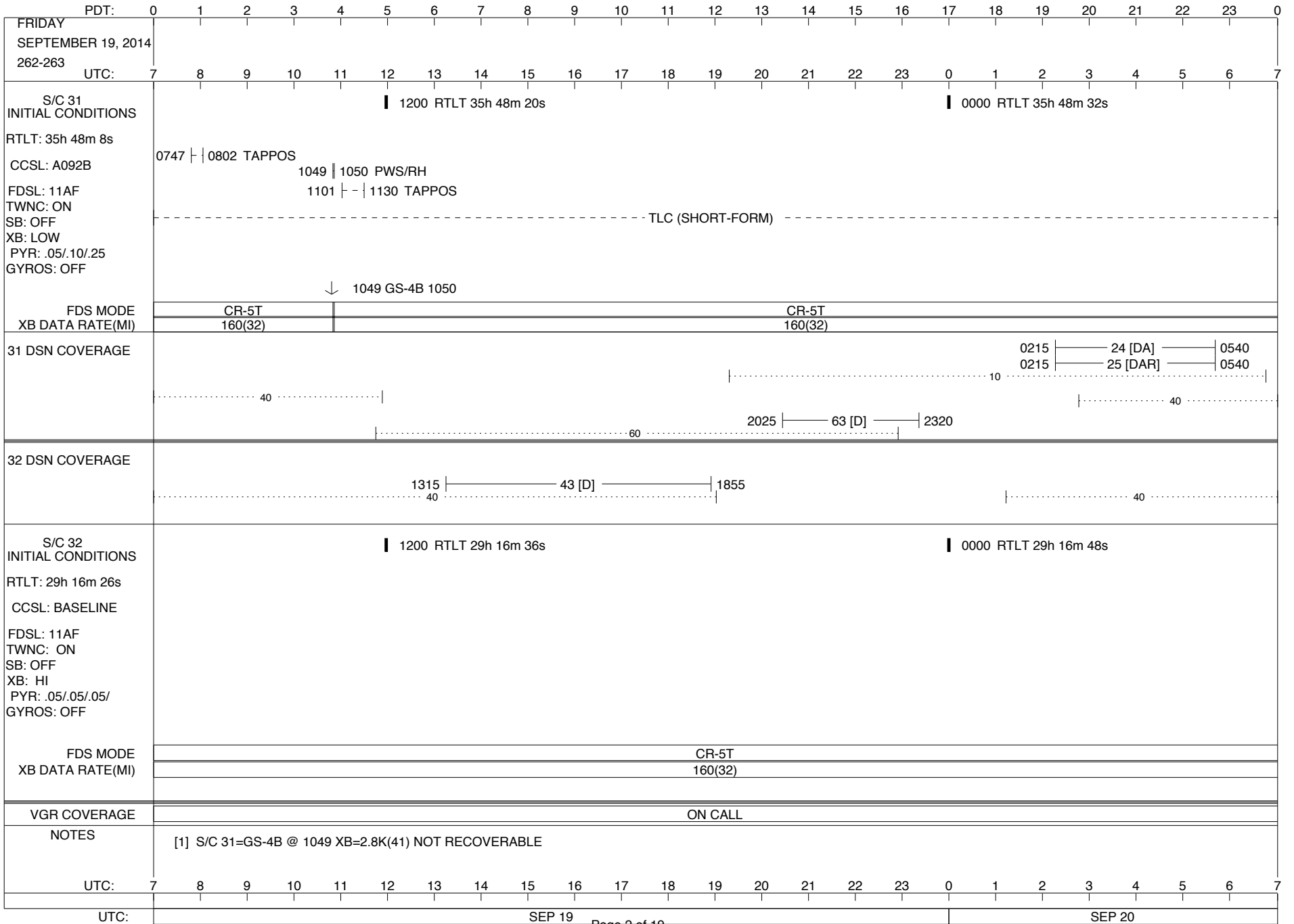
Dodd, S.
 Hall, J.
 Howard, S. (3)
 Ludwig, R. (2)
 Matsumoto, S.
 Medina
 Peralta, F.
 Weeks, T.
 Wong, R.
 Yang, L.
 Zottarelli, L.
 *odivers@san.rr.com

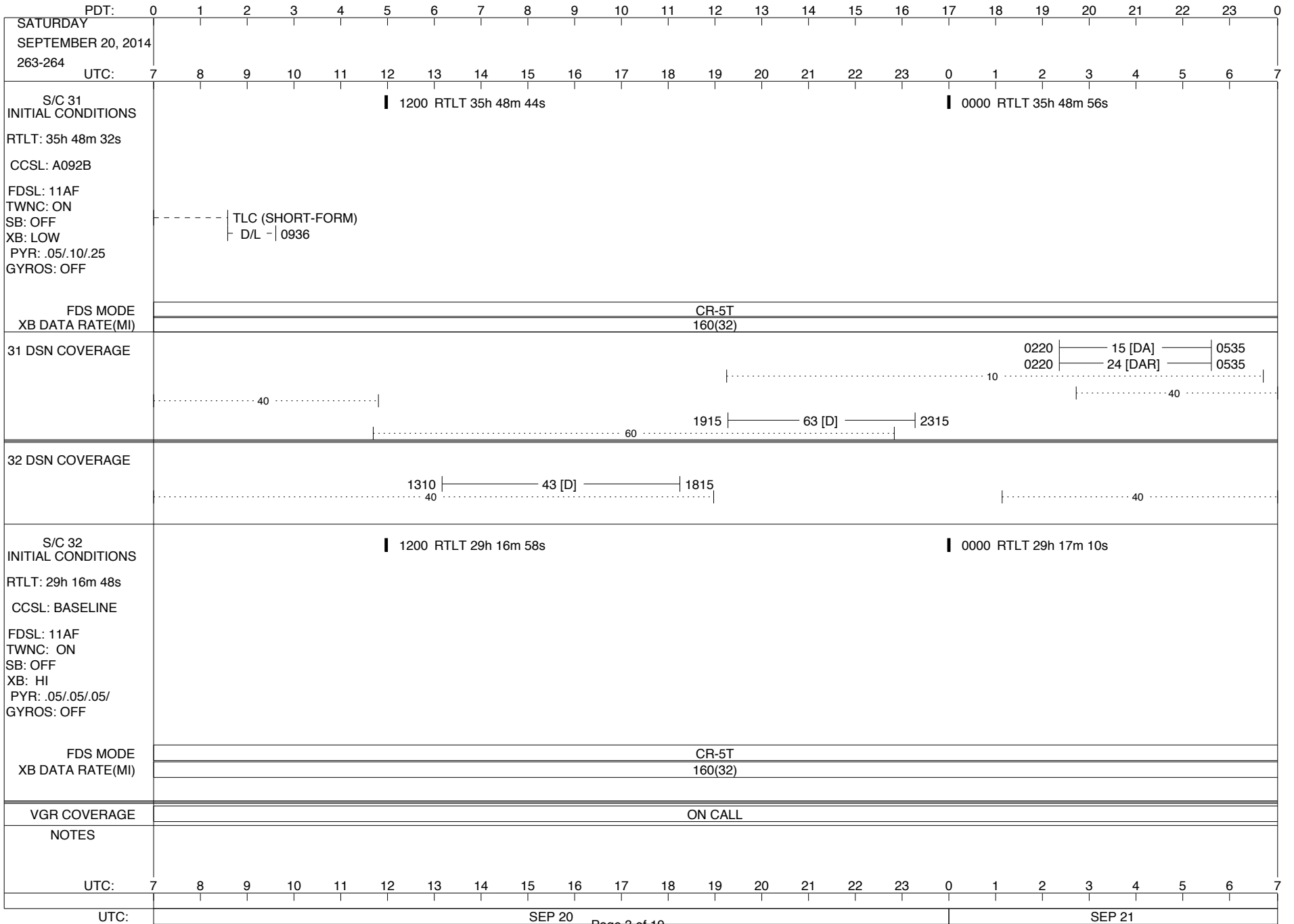
LEGEND:
 ▽ = R/T Command (Last chance or Contingency)
 ▼ = R/T Command (Scheduled)
 * = Result of R/T Command
 n = (where n = 1,2,3 ..) Special Note, see bottom of page
 A = Arrayed station
 B = BLF
 D = Downlink only pass
 H = High Power Transmitter
 R = Array Reference Antenna
 T = TLC Uplink
 U =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

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

ISSUE DATE: 09/22/14 18:42







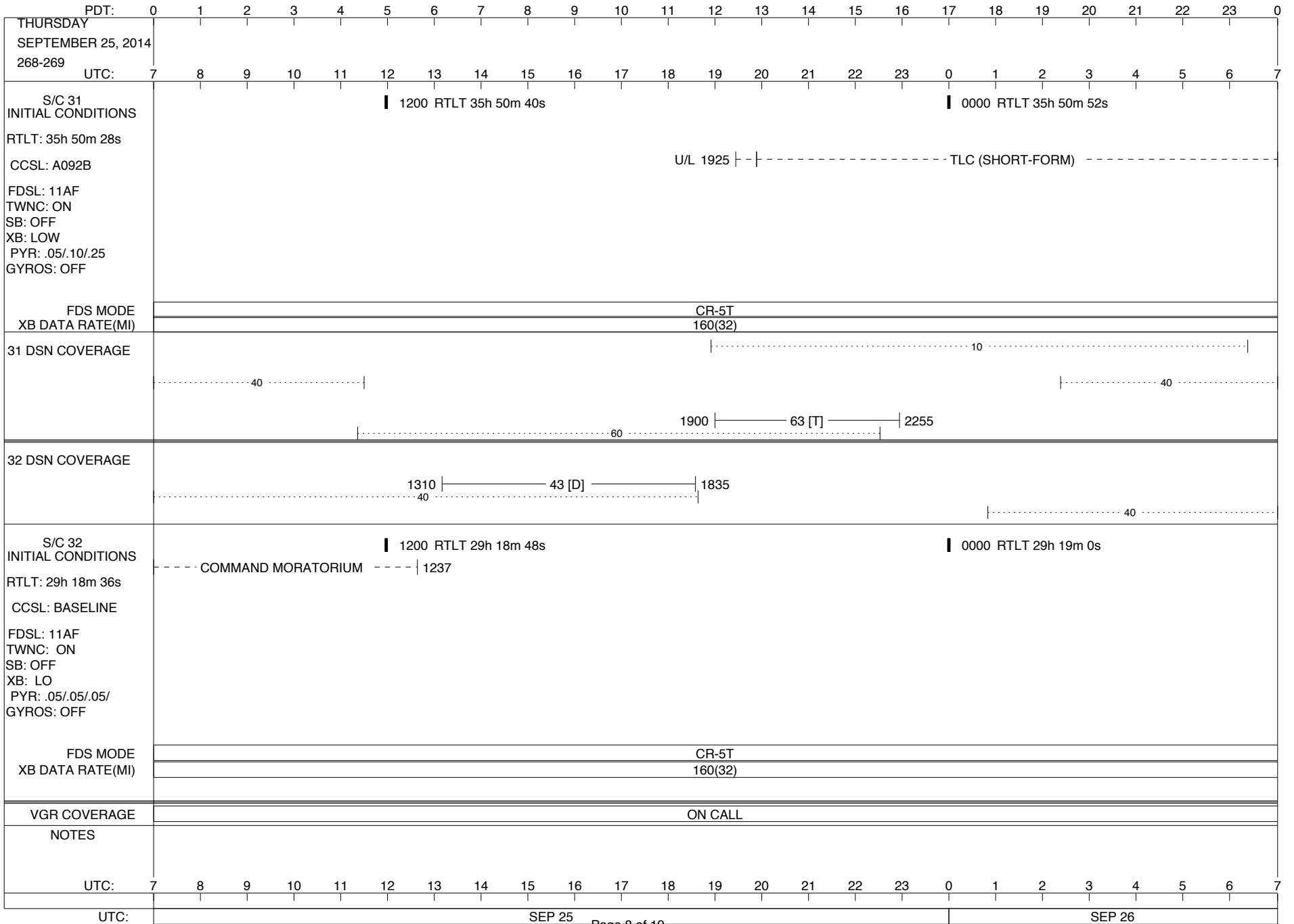
ISSUE DATE: 09/22/14 18:42

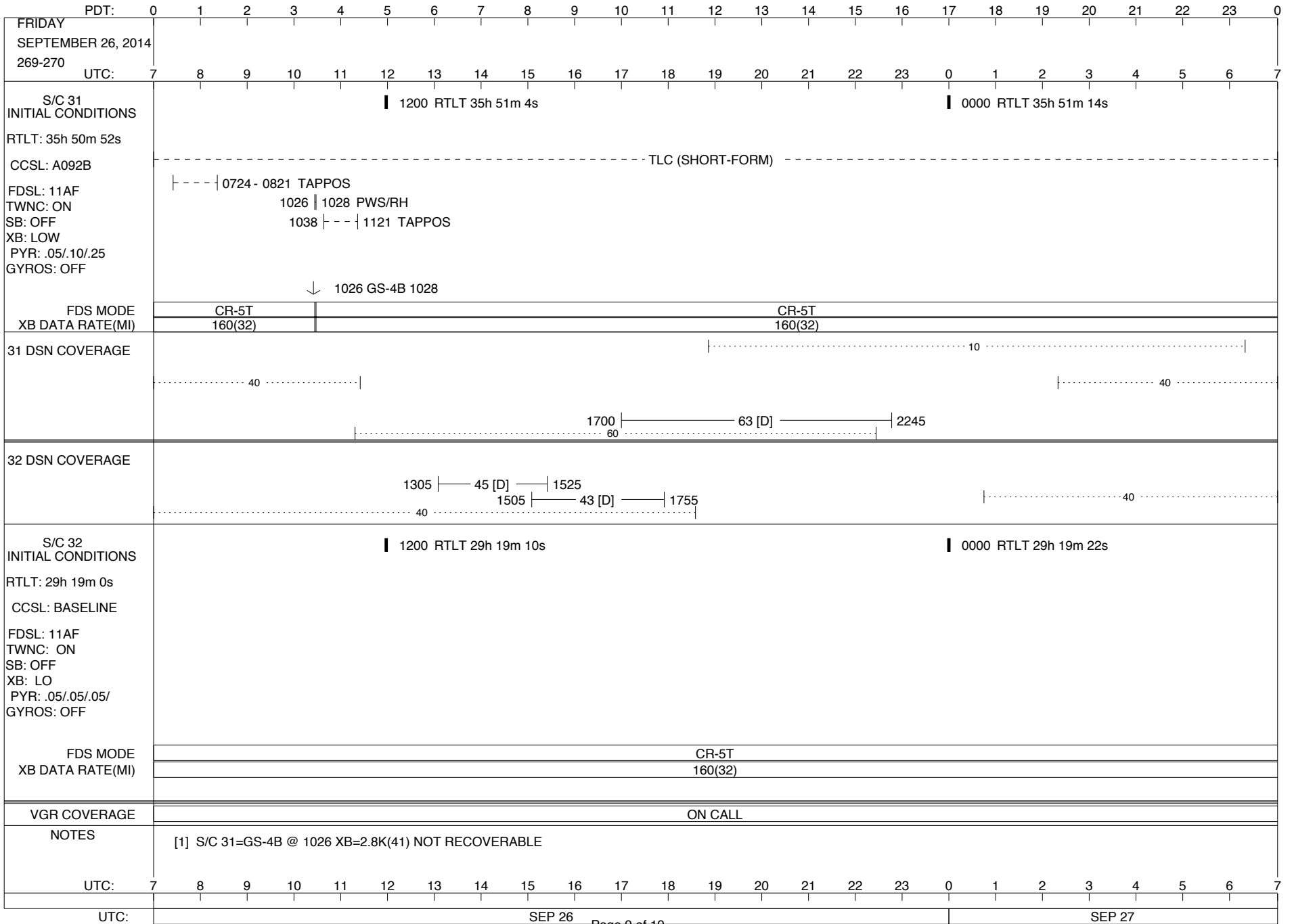
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SUNDAY SEPTEMBER 21, 2014 264-265	UTC: 7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 35h 48m 56s CCSL: A092B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 35h 49m 8s												0000 RTLTL 35h 49m 18s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	.....40.....|.....60.....												.....10.....0445 - 0635 | 14 [D] |.....40..... .....2055 | 63 [D] | 2310.....											
32 DSN COVERAGE	.....40.....1310 | 43 [D] | 1855.....												.....40.....											
S/C 32 INITIAL CONDITIONS RTLTL: 29h 17m 10s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.05/.05/ GYROS: OFF	1200 RTLTL 29h 17m 20s												0000 RTLTL 29h 17m 32s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 1349 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:	SEP 21												SEP 22												

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 22, 2014 265-266																											
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S/C 31 INITIAL CONDITIONS RTLT: 35h 49m 18s CCSL: A092B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF						█ 1200 RTLT 35h 49m 30s															█ 0000 RTLT 35h 49m 42s						
FDS MODE														CR-5T													
XB DATA RATE(MI)														160(32)													
31 DSN COVERAGE														1910	-----	14 [D]	-----	2355									
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS RTLT: 29h 17m 32s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.05/.05/ GYROS: OFF						█ 1200 RTLT 29h 17m 42s																█ 0000 RTLT 29h 17m 52s					
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		
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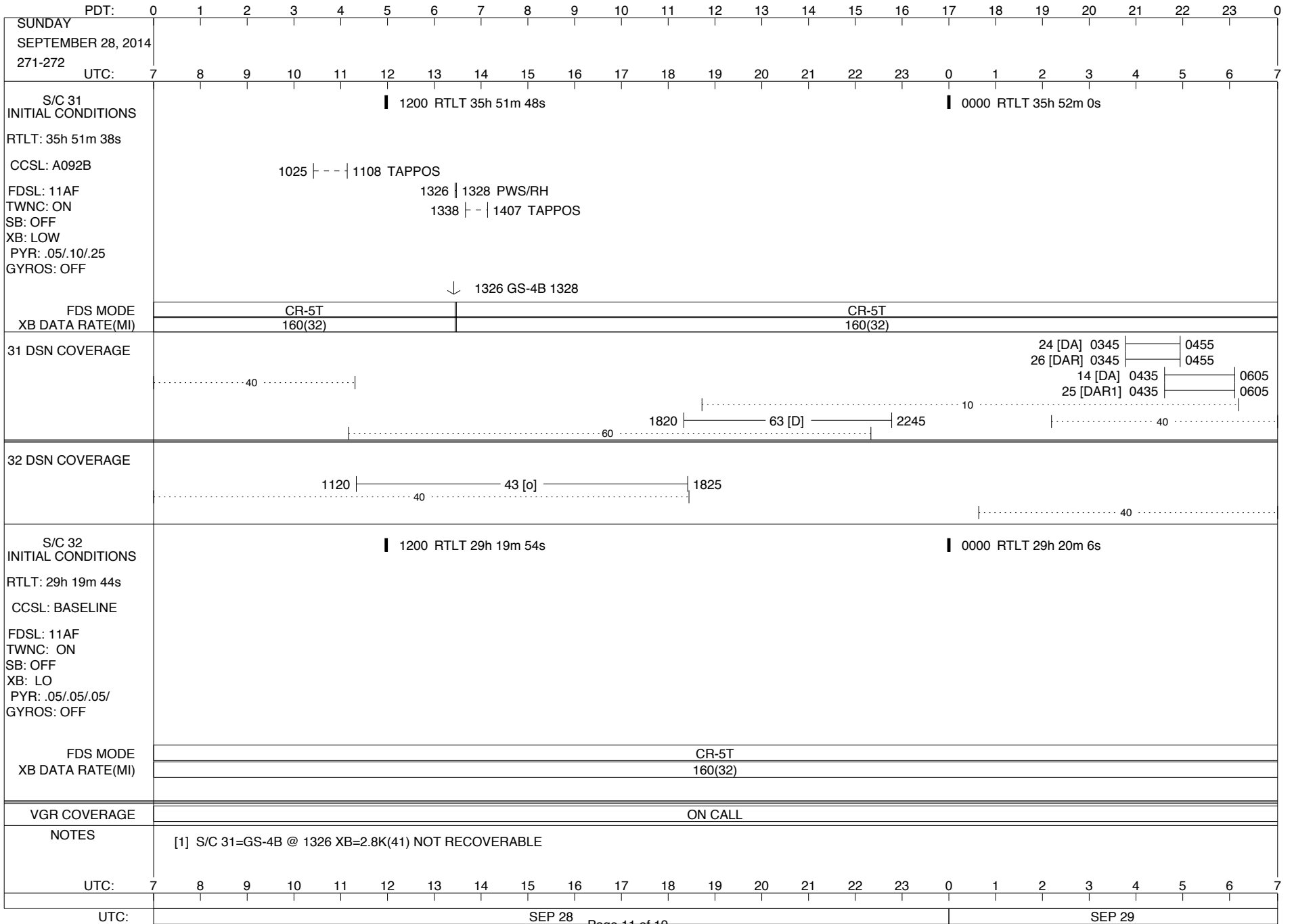
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TUESDAY SEPTEMBER 23, 2014 266-267																									
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7
S/C 31 INITIAL CONDITIONS RTLTL: 35h 49m 42s CCSL: A092B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 35h 49m 54s											| 0000 RTLTL 35h 50m 6s													
FDS MODE	CR-5T											CR-5T													
XB DATA RATE(MI)	160(32)											160(32)													
31 DSN COVERAGE	<p>0425 - 0630 | 14 [D] |</p> <p>40 | 1845 | 63 [D] | 2300</p> <p>60 | 40</p>																								
32 DSN COVERAGE	<p>1215 | 43 [H] | 1535</p> <p>40 | 40</p>																								
S/C 32 INITIAL CONDITIONS RTLTL: 29h 17m 52s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.05/.05/ GYROS: OFF	| 1200 RTLTL 29h 18m 4s 1307 |											| 0000 RTLTL 29h 18m 14s ----- COMMAND MORATORIUM -----													
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 @ 0413 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:	SEP 23											SEP 24													

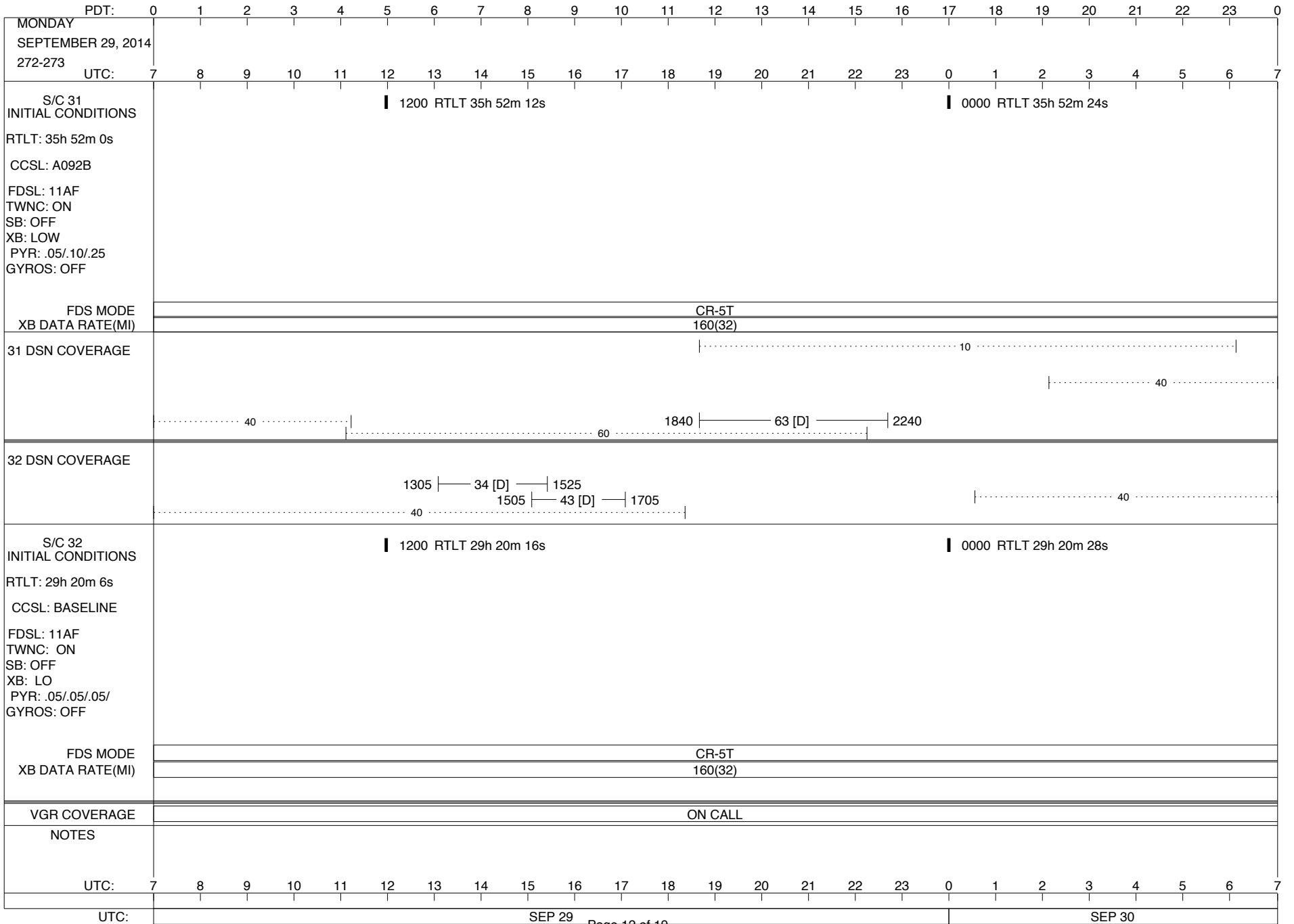
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WEDNESDAY SEPTEMBER 24, 2014 267-268																												
UTC:	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7			
S/C 31 INITIAL CONDITIONS RTLTL: 35h 50m 6s CCSL: A092B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 35h 50m 16s												0000 RTLTL 35h 50m 28s															
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
31 DSN COVERAGE	40												1900 63 [D] 2300															
32 DSN COVERAGE	1305 40 43 [D] 1840												40															
S/C 32 INITIAL CONDITIONS RTLTL: 29h 18m 14s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.05/.05/ GYROS: OFF	1200 RTLTL 29h 18m 26s												0000 RTLTL 29h 18m 36s															
----- COMMAND MORATORIUM -----																												
PLSCAL -|0705- 0847													* 1756 X BAND LOW POWER															
MAGCAL ----|0705- 1007													* 1800 BAY 1 HTR ON															
PESCAL ----|0705- 1025																												
FDS MODE	CR-5T																											
XB DATA RATE(MI)	160(32)																											
VGR COVERAGE	ON CALL												VGR						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 24														SEP 25													





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 SEPTEMBER 27, 2014 270-271	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
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S/C 31 INITIAL CONDITIONS RTLTL: 35h 51m 14s CCSL: A092B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 35h 51m 26s												0000 RTLTL 35h 51m 38s												
	---| TLC (SHORT-FORM) | D/L -| 0844																								
FDS MODE													CR-5T												
XB DATA RATE(MI)													160(32)												
31 DSN COVERAGE	.....| 40 .....												.....| 10											
	.....| 40 .....												.....| 40											
	.....| 60												1845 |----- 63 [D] -----| 2245											
32 DSN COVERAGE	.....| 40 .....												.....| 40											
	1215 |----- 43 [o] -----| 1810												.....| 40											
S/C 32 INITIAL CONDITIONS RTLTL: 29h 19m 22s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LO PYR: .05/.05/.05/ GYROS: OFF	| 1200 RTLTL 29h 19m 32s												| 0000 RTLTL 29h 19m 44s												
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:	SEP 27												SEP 28												





ISSUE DATE: 09/22/14 18:42

		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 30, 2014																													
273-274																													
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		| 1200 RTLT 35h 52m 34s										| 0000 RTLT 35h 52m 46s																	
RTLT: 35h 52m 24s																													
CCSL: A092B																													
FDSL: 11AF																													
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> <div style="display: flex; justify-content: space-between;"> .....| .....| </div> <div style="display: flex; justify-content: space-between;"> .....| .....| </div> <div style="display: flex; justify-content: space-between;"> .....| .....| </div> <div style="display: flex; justify-content: space-between;"> .....| .....| </div> <div style="display: flex; justify-content: space-between;"> .....| .....| </div>																											
32 DSN COVERAGE		<div style="display: flex; justify-content: space-between;"> .....| .....| </div> <div style="display: flex; justify-content: space-between;"> .....| .....| </div> <div style="display: flex; justify-content: space-between;"> .....| .....| </div> <div style="display: flex; justify-content: space-between;"> .....| .....| </div> <div style="display: flex; justify-content: space-between;"> .....| .....| </div> <div style="display: flex; justify-content: space-between;"> .....| .....| </div>																											
S/C 32 INITIAL CONDITIONS		| 1200 RTLT 29h 20m 40s										| 0000 RTLT 29h 20m 50s																	
RTLT: 29h 20m 28s																													
CCSL: BASELINE																													
FDSL: 11AF																													
TWNC: ON																													
SB: OFF																													
XB: LO																													
PYR: .05/.05/.05/																													
GYROS: OFF																													
FDS MODE		CR-5T																											
XB DATA RATE(MI)		160(32)																											
VGR COVERAGE		ON CALL																											
NOTES		[1] S/C 31=GS-4B @ 0350 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:		SEP 30														OCT 01													

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																												
OCTOBER 1, 2014																												
274-275																												
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	█ 1200 RTLT 35h 52m 58s														█ 0000 RTLT 35h 53m 8s													
RTLT: 35h 52m 46s CCSL: A092B 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	|.....40.....|														|.....10.....|													
|.....40.....|																												
|.....1530.....60.....63 [D].....2230																												
32 DSN COVERAGE	|.....1210.....40.....43 [o].....1815														|.....40.....|													
|.....40.....|																												
S/C 32 INITIAL CONDITIONS	█ 1200 RTLT 29h 21m 2s														█ 0000 RTLT 29h 21m 12s													
RTLT: 29h 20m 50s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LO PYR: .05/.05/.05/ GYROS: OFF																												
FDS MODE															CR-5T													
XB DATA RATE(MI)															160(32)													
VGR COVERAGE	ON CALL														VGR 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:	OCT 01														OCT 02													

ISSUE DATE: 09/22/14 18:42

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																									
OCTOBER 2, 2014																									
275-276																									
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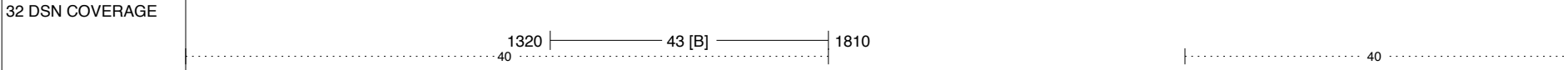
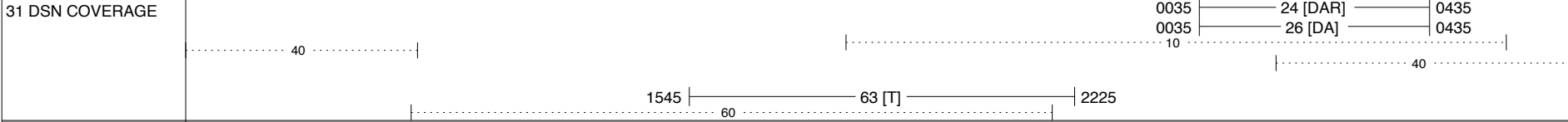
S/C 31
 INITIAL CONDITIONS
 RTLT: 35h 53m 8s
 CCSL: A092B
 FDSL: 11AF
 TWNC: ON
 SB: OFF
 XB: LOW
 PYR: .05/.10/.25
 GYROS: OFF

1200 RTLT 35h 53m 20s 0000 RTLT 35h 53m 30s

U/L 1610 |-----| TLC (LONG-FORM)

▼ 1810 DUMMY (06:03)

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



S/C 32
 INITIAL CONDITIONS
 RTLT: 29h 21m 12s
 CCSL: BASELINE
 FDSL: 11AF
 TWNC: ON
 SB: OFF
 XB: LO
 PYR: .05/.05/.05/
 GYROS: OFF

1200 RTLT 29h 21m 24s 0000 RTLT 29h 21m 36s

▼ 1432 DUMMY (5 MIN BRACKETED 19:54)

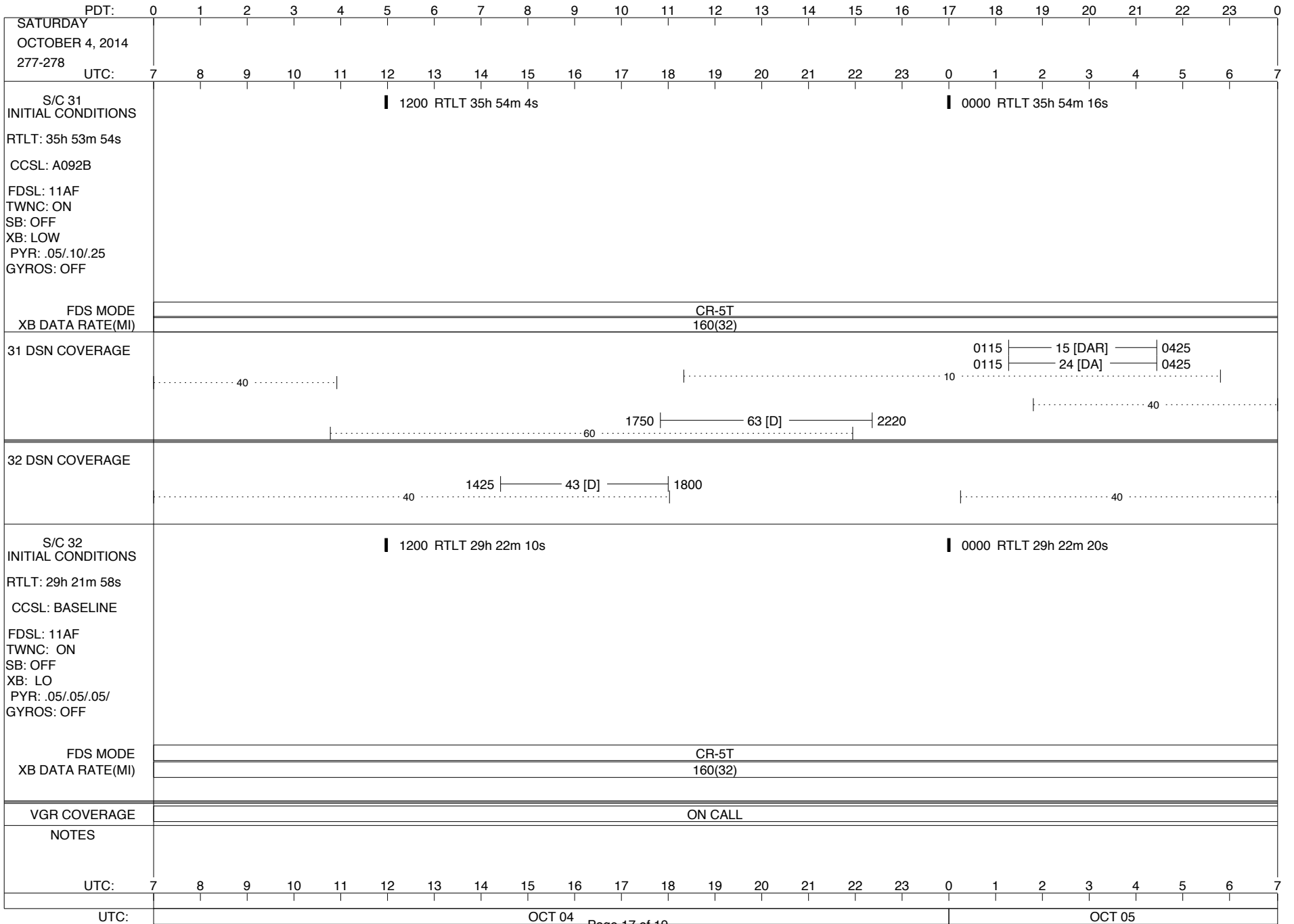
FDS MODE CR-5T
 XB DATA RATE(MI) 160(32)

VGR COVERAGE ON CALL VGR 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:																									

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 OCTOBER 3, 2014 276-277																											
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: 35h 53m 30s CCSL: A092B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 35h 53m 42s												█ 0000 RTLT 35h 53m 54s														
----- TLC (LONG-FORM) ----- | D/L - | 0531																											
| --- | 0702 - 0745 TAPPOS 1003 | 1005 PWS/RH 1015 | - | 1044 TAPPOS																											
↓ 1003 GS-4B 1005																											
FDS MODE	CR-5T												CR-5T														
XB DATA RATE(MI)	160(32)												160(32)														
31 DSN COVERAGE													| ..... 10 0330 | 14 [D] | 0545 | ..... 40 ..... | ..... 40 ..... | ..... 60 ..... |														
32 DSN COVERAGE	| ..... 40 1425 | 43 [D] | 1805												| ..... 40 ..... |														
S/C 32 INITIAL CONDITIONS RTLT: 29h 21m 36s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LO PYR: .05/.05/.05/ GYROS: OFF	█ 1200 RTLT 29h 21m 46s												█ 0000 RTLT 29h 21m 58s														
FDS MODE													CR-5T														
XB DATA RATE(MI)													160(32)														
VGR COVERAGE	ON CALL																										
NOTES	[1] S/C 31=GS-4B @ 1003 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:	OCT 03																OCT 04										



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 OCTOBER 5, 2014 278-279																											
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: 35h 54m 16s CCSL: A092B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 35h 54m 26s												█ 0000 RTLTL 35h 54m 38s														
	1002 | - | 1031 TAPPOS												1304 | 1305 PWS/RH 1316 | | 1331 TAPPOS														
	↓ 1304 GS-4B 1305																										
FDS MODE	CR-5T												CR-5T														
XB DATA RATE(MI)	160(32)												160(32)														
31 DSN COVERAGE	.....40.....|												.....10.....|														
	.....60.....|												.....40.....|														
	.....1815 | 63 [D] | 2215																									
32 DSN COVERAGE	.....40.....|												.....40.....|														
	.....1335 | 43 [D] | 1800																									
S/C 32 INITIAL CONDITIONS RTLTL: 29h 22m 20s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LO PYR: .05/.05/.05/ GYROS: OFF	█ 1200 RTLTL 29h 22m 32s												█ 0000 RTLTL 29h 22m 44s														
FDS MODE													CR-5T														
XB DATA RATE(MI)													160(32)														
VGR COVERAGE													ON CALL														
NOTES	[1] S/C 31=GS-4B @ 1304 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:	OCT 05														OCT 06												

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		
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		
MONDAY OCTOBER 6, 2014 279-280																											
S/C 31 INITIAL CONDITIONS RTLT: 35h 54m 38s CCSL: A092B FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	<p style="text-align: center;">| 1200 RTLT 35h 54m 48s</p>																										
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)													
31 DSN COVERAGE	<p>..... 40 .....|</p> <p>..... 60 .....| 1750 |----- 63 [D] -----| 2210</p>																										
32 DSN COVERAGE	<p>..... 40 .....| 1350 |----- 43 [D] -----| 1725</p>																										
S/C 32 INITIAL CONDITIONS RTLT: 29h 22m 44s CCSL: BASELINE FDSL: 11AF TWNC: ON SB: OFF XB: LO PYR: .05/.05/.05/ GYROS: OFF	<p style="text-align: center;">| 1200 RTLT 29h 22m 54s</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:	OCT 06													OCT 07													