

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: February 5, 2009

For the Period: 02/05/09 to 02/23/09 (09-036– 09-054)

DSN OPSCHIEF (1) 230-102

SCIENCE

FLIGHT TEAM (15) 600-100

DSOT (1) 230-102

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- Ludwig, R. (2)
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- Matsumoto, S.
- Medina, E.
- Peralta, F.
- Poynter, R.
- Weeks, T.
- Wong, R.
- Yang, L
- Zottarelli, L.
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OTHER

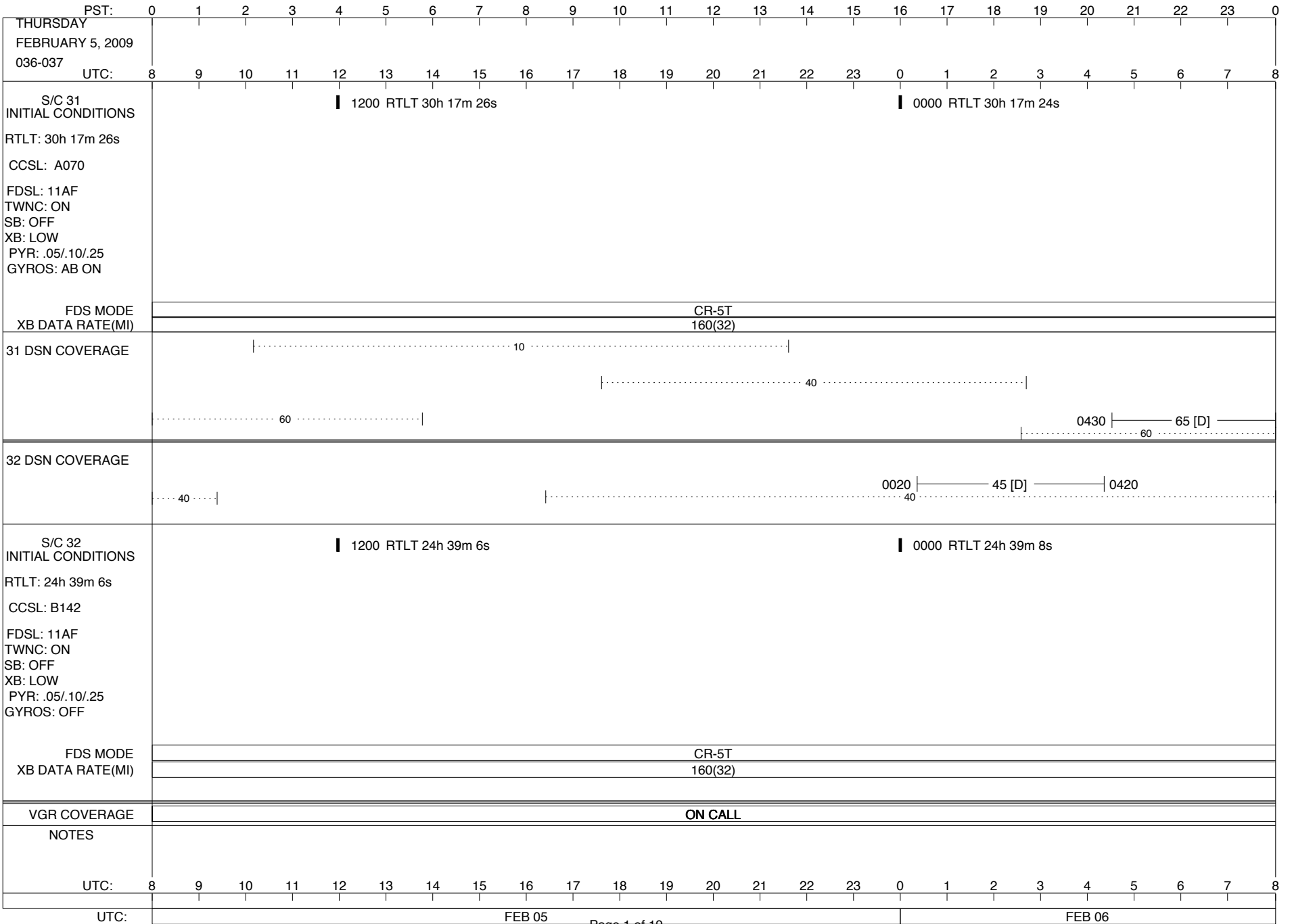
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LEGEND:

- ∇ = 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 = 7-Point BLF
- D = Downlink only pass
- H = High Power Transmitter
- R = Array Reference Antenna
- T = TLC Uplink
- U = Uplink only pass
- [o] = Ramp-through

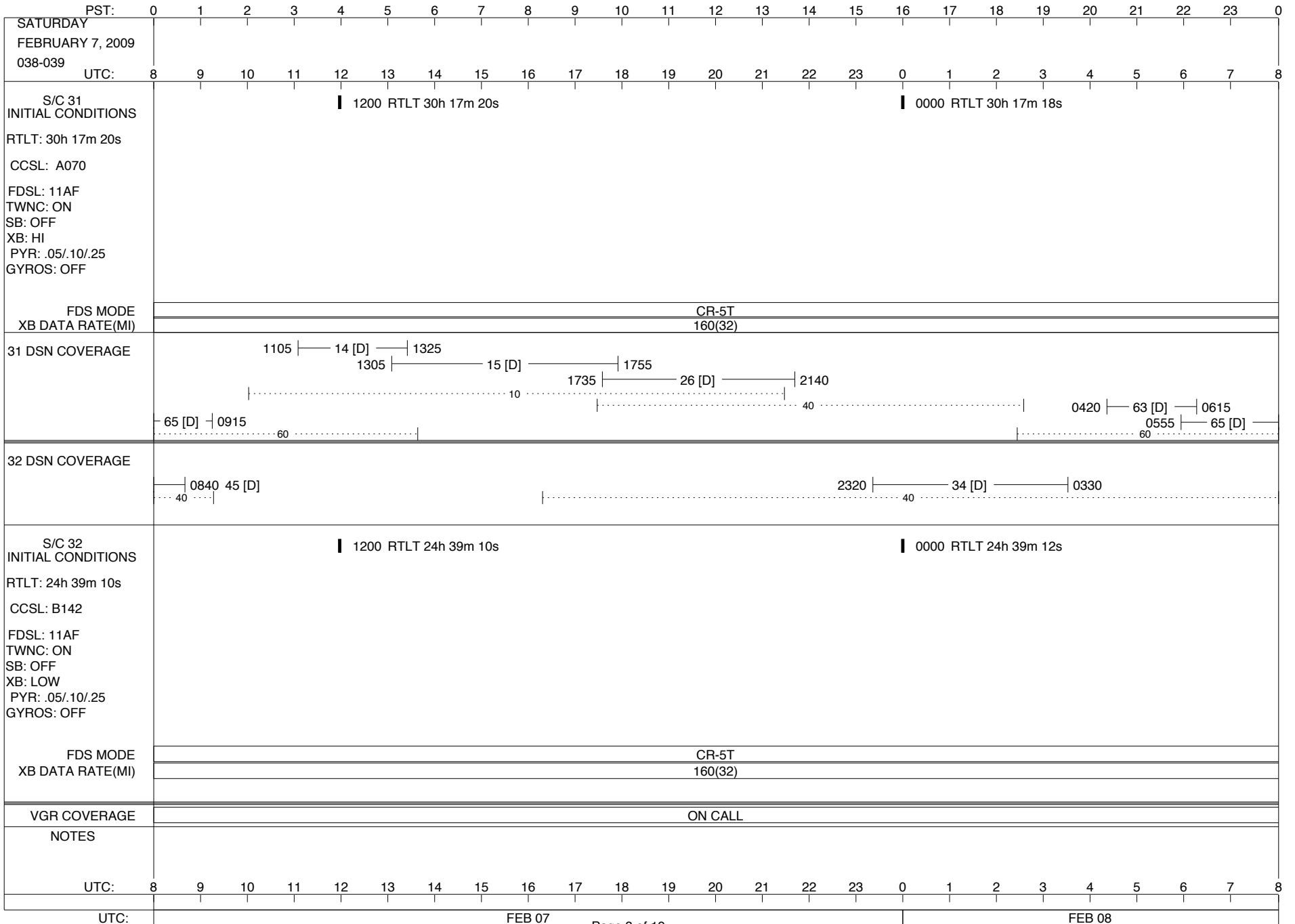
*Electronic Copy Only
(17 – Dist/N: Paper Copies)
02/21/08

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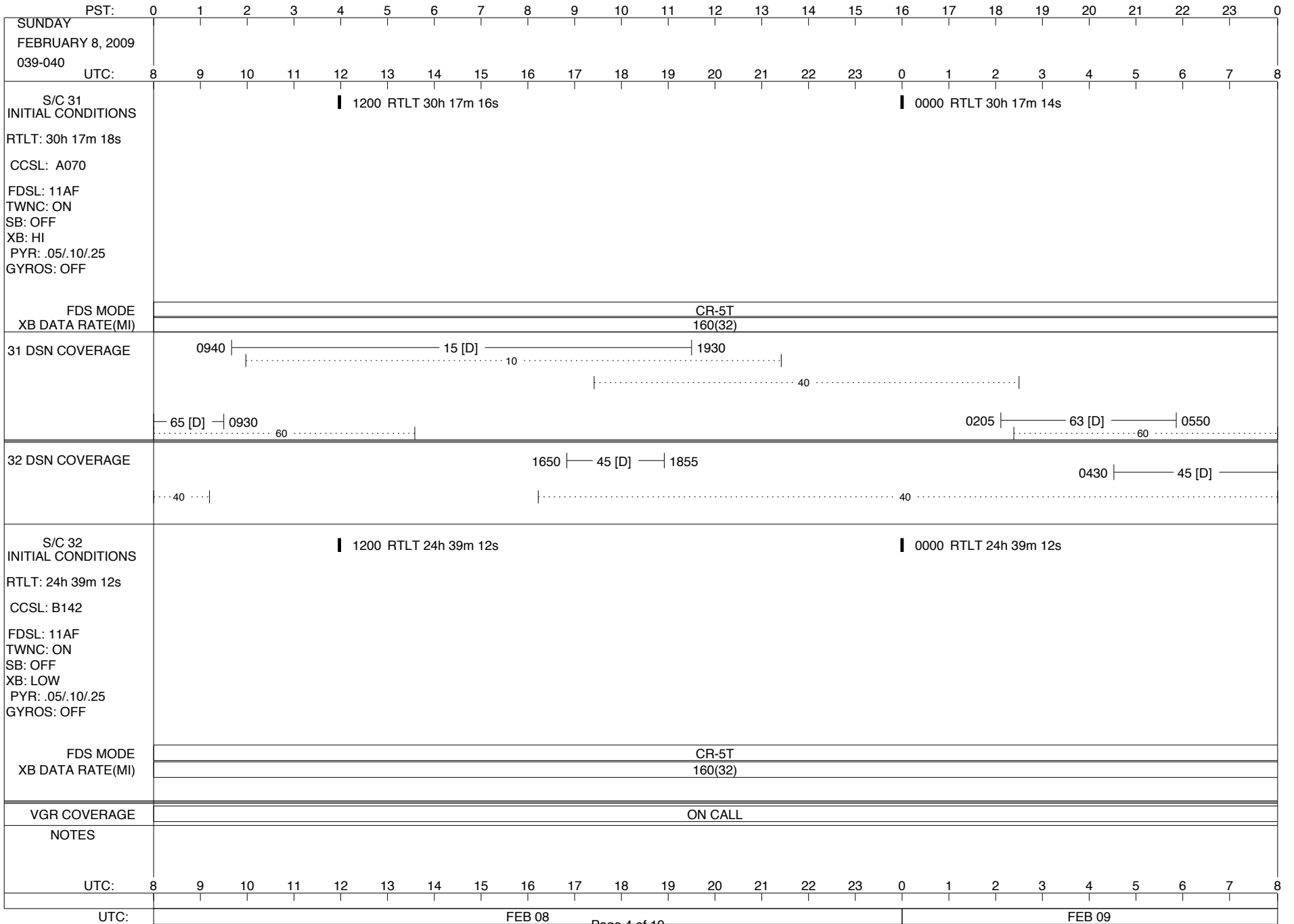


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S/C 31 INITIAL CONDITIONS RTLT: 30h 17m 24s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: AB ON		1200 RTLT 30h 17m 22s ↓ 1230 BAY 1 HTR OFF ↓ 1234 X/B HI POWER ↓ 1255 AAI 1258 ----- MAGROL ----- 1854 ↓ 1847 RAI ↓ 1854 GYROS OFF ↓ 1854 CRU												0000 RTLT 30h 17m 20s 0000 0015 TAPPOS 0303 0304 PWS/RH 0510 0510 TAPPOS ↓ 0303 GS-4B 0304															
FDS MODE		CR-5T																CR-5T											
XB DATA RATE(MI)		160(32)																160(32)											
31 DSN COVERAGE		1215 ----- 14 [D] ----- 1915 ----- 10 ----- ----- 40 ----- 0825 65 [D] ----- 60 ----- 0210 ----- 65 [D] ----- ----- 60 -----																											
32 DSN COVERAGE		40 ----- 40 ----- 0425 ----- 45 [D] -----																											
S/C 32 INITIAL CONDITIONS RTLT: 24h 39m 8s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF		1200 RTLT 24h 39m 8s												0000 RTLT 24h 39m 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=D/L AGC VARIATIONS EXPECTED DURING MAGROL (1258-1854) [2] S/C 31=GS-4B @ 0303 XB=2.8K(41) NOT RECOVERABLE																											
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S/C 31 INITIAL CONDITIONS RTLT: 30h 17m 14s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: HI PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 30h 17m 14s												█ 0000 RTLT 30h 17m 12s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	1145 ----- 14 [cancelled] ----- 1545 1145 --- 15 [D] --- 1340											 ----- 40 ----- ----- 60 ----- ----- 0215 ----- ----- 63 ----- ----- 0710 ----- ----- 60 -----															
32 DSN COVERAGE	----- 0835 45 [D] ----- ----- 40 -----												1645 ----- 45 [D] ----- 2015 ----- 40 ----- 0330 - 0730 ----- 45 [D] -----															
S/C 32 INITIAL CONDITIONS RTLT: 24h 39m 12s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 24h 39m 12s												█ 0000 RTLT 24h 39m 14s															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
VGR COVERAGE	ON CALL								VGR				ON CALL								VGR				ON CALL			
NOTES																												
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
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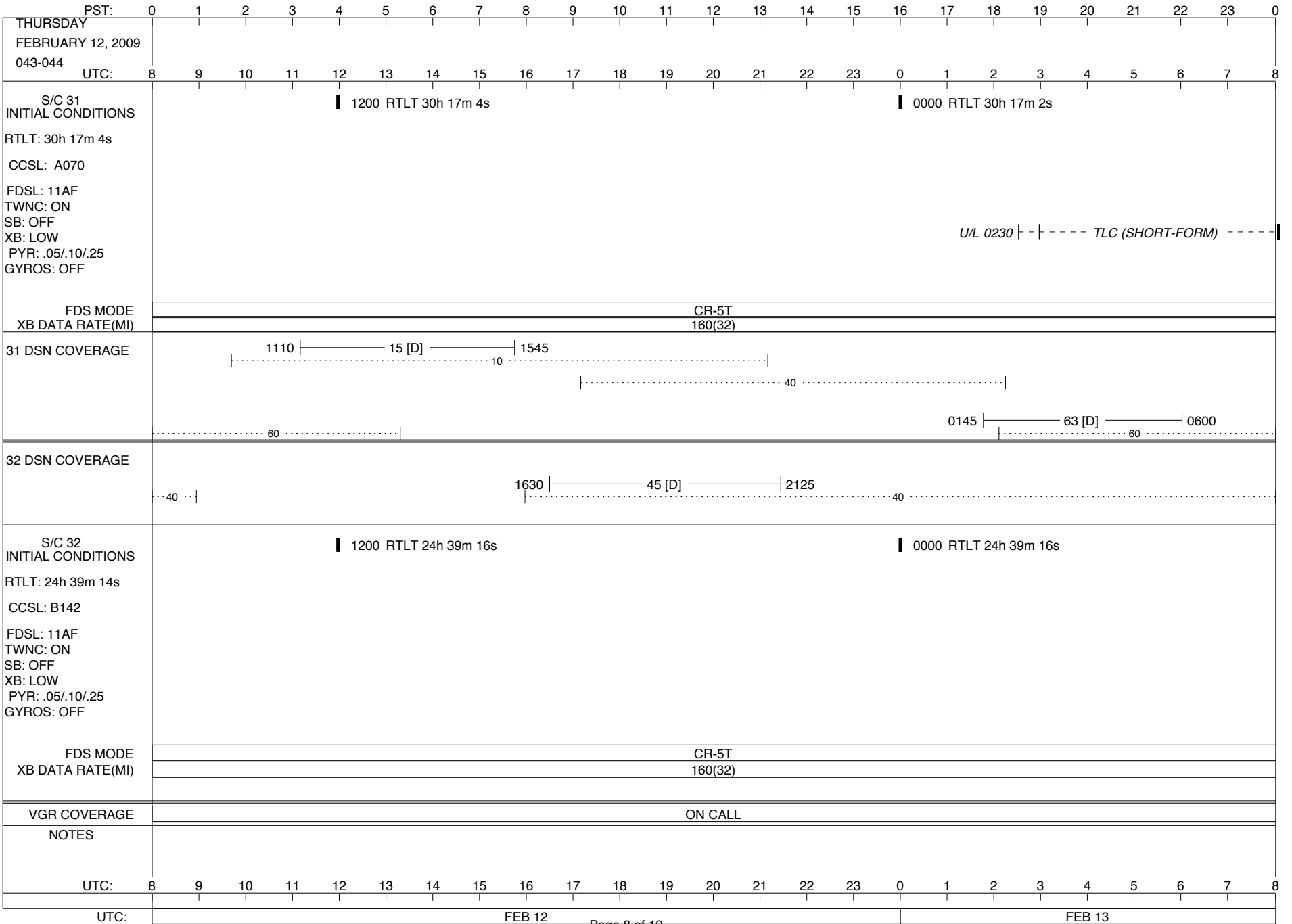
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S/C 31 INITIAL CONDITIONS RTLT: 30h 17m 12s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 17m 10s												0000 RTLT 30h 17m 8s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	1115 ----- 15 [D] ----- 1405 ----- 10 ----- 40 -----												0410 - 0740 ----- 65 [D] ----- ----- 60 -----												
32 DSN COVERAGE ----- 40 -----												2210 ----- 34 [D] ----- 0435 ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLT: 24h 39m 14s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 39m 14s												0000 RTLT 24h 39m 14s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												2355 PLSCAL - 0137 2355 ---- MAGCAL ---- 0257 2355 ---- PESCAL ---- 0315												
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 2039 XB=2.8K(41) NOT RECOVERABLE																								
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S/C 31 INITIAL CONDITIONS RTLT: 30h 17m 8s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 30h 17m 6s														█ 0000 RTLT 30h 17m 4s													
FDS MODE															CR-5T													
XB DATA RATE(MI)															160(32)													
31 DSN COVERAGE	<p>1025 ----- 14 [D] ----- 1320</p> <p> ----- 10 ----- </p> <p> ----- 40 ----- </p> <p>0445 ----- 63 [D] ----- 0645</p> <p> ----- 60 ----- </p>																											
32 DSN COVERAGE	<p>1630 ----- 45 [D] ----- 2045</p> <p> ----- 40 ----- </p> <p> ----- 40 ----- </p> <p>0530 - 0730 ----- 45 [D] ----- </p>																											
S/C 32 INITIAL CONDITIONS RTLT: 24h 39m 14s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 24h 39m 14s														█ 0000 RTLT 24h 39m 14s													
FDS MODE															CR-5T													
XB DATA RATE(MI)															160(32)													
VGR COVERAGE	ON CALL																											
NOTES																												
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8			
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S/C 31 INITIAL CONDITIONS	1200 RTLT 30h 17m 0s												0000 RTLT 30h 16m 58s												
RTLT: 30h 17m 2s																									
CCSL: A070													2336 2351 TAPPOS												
FDSL: 11AF													0239 0239 PWS/RH												
TWNC: ON													0446 0446 TAPPOS												
SB: OFF																									
XB: LOW																									
PYR: .05/10/25																									
GYROS: OFF																									
----- TLC (SHORT-FORM) -----																									
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1145 ----- 15 [D] ----- 1545												0410 ----- 65 [D] -----												
 10 40												
 60 60												
32 DSN COVERAGE	1630 ----- 45 [D] ----- 2115																								
 40 40												
S/C 32 INITIAL CONDITIONS	1200 RTLT 24h 39m 16s												0000 RTLT 24h 39m 16s												
RTLT: 24h 39m 16s																									
CCSL: B142																									
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	[1] S/C 31=GS-4B @ 0239 XB=2.8K(41) NOT RECOVERABLE																								
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
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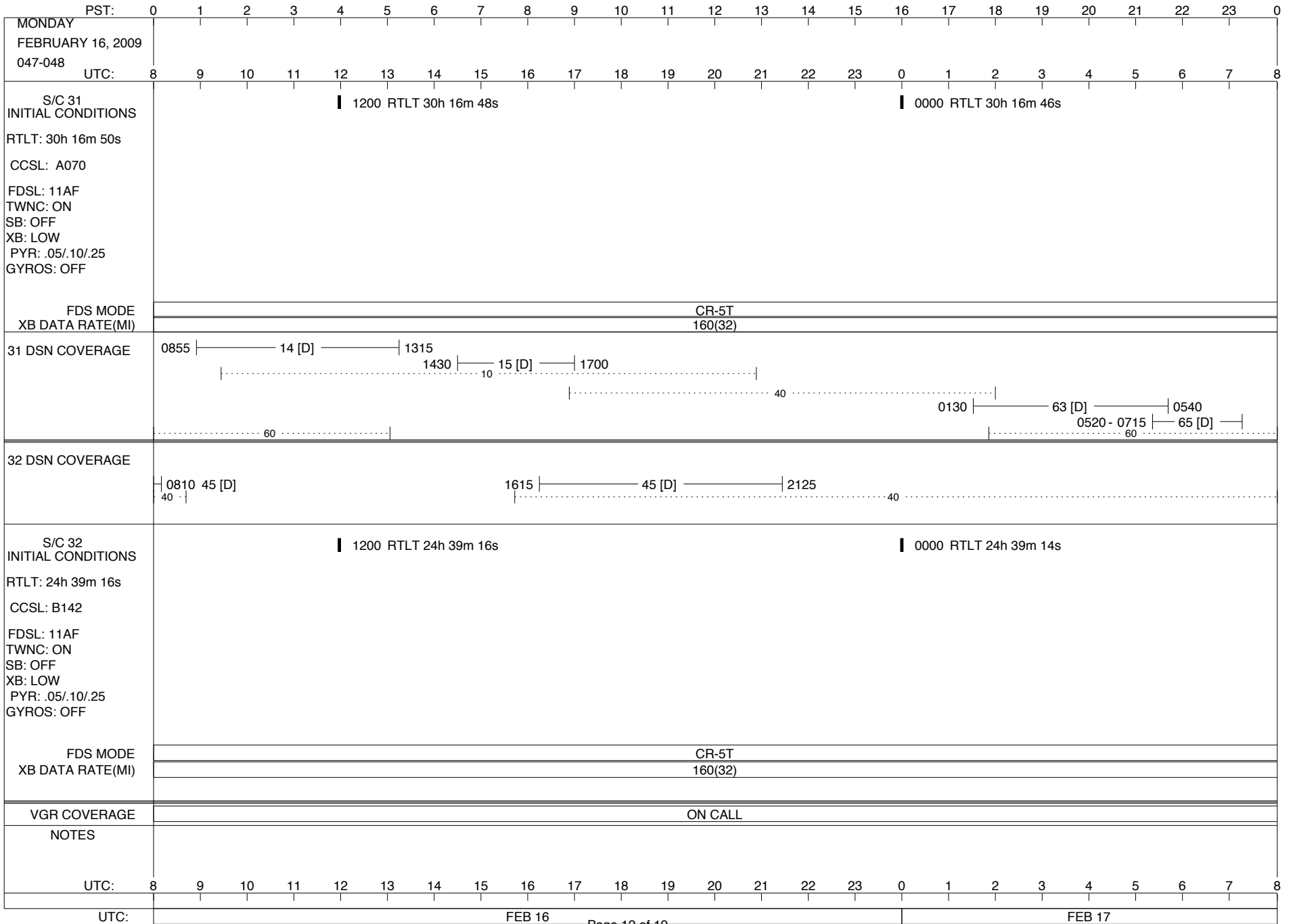
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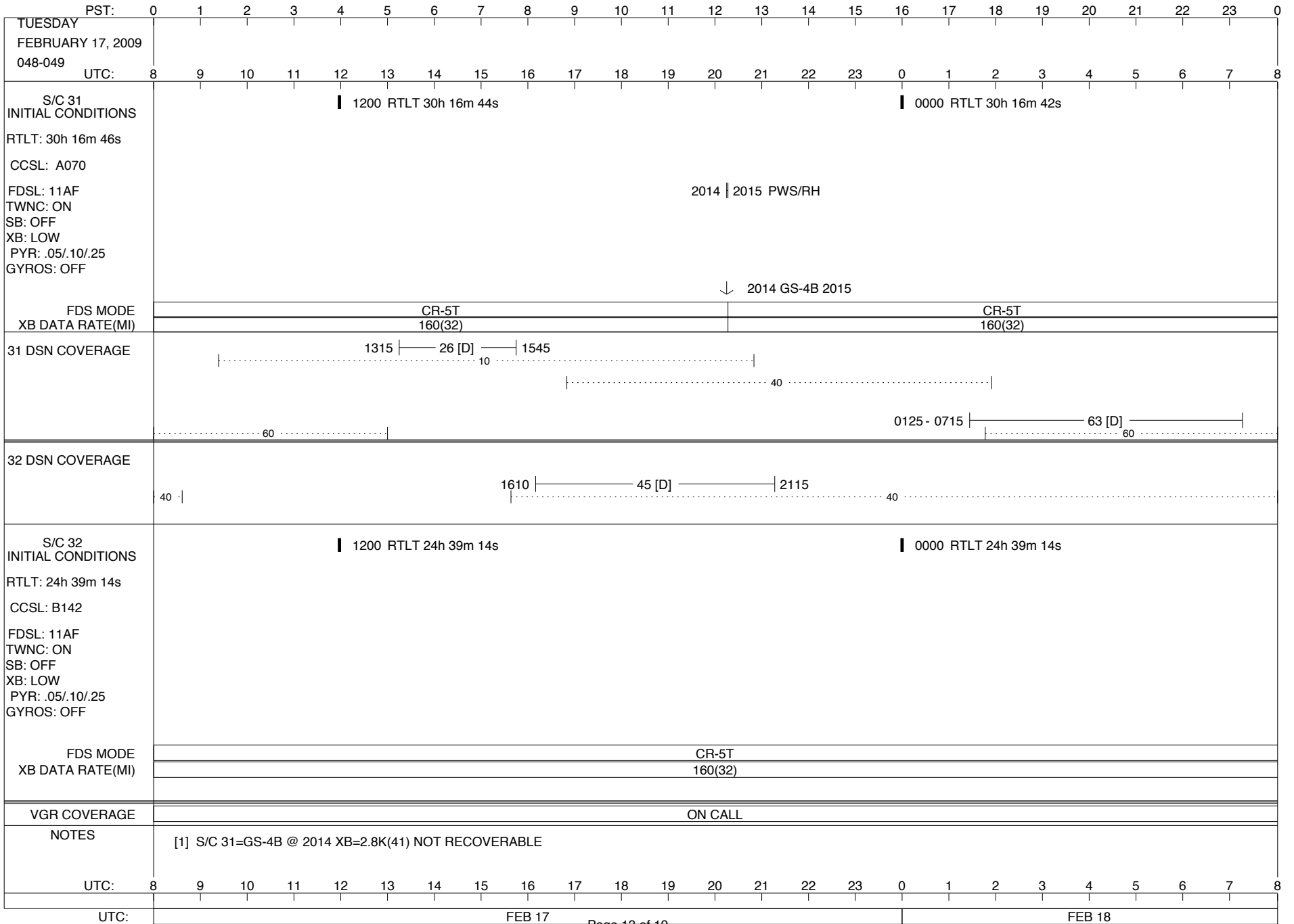
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S/C 31 INITIAL CONDITIONS RTLTL: 30h 16m 58s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF					█	1200	RTLTL 30h 16m 56s										█	0000	RTLTL 30h 16m 54s								
FDS MODE													CR-5T														
XB DATA RATE(MI)													160(32)														
31 DSN COVERAGE																											
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS RTLTL: 24h 39m 16s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF					█	1200	RTLTL 24h 39m 16s										█	0000	RTLTL 24h 39m 16s								
FDS MODE													CR-5T														
XB DATA RATE(MI)													160(32)														
VGR COVERAGE													ON CALL														
NOTES																											
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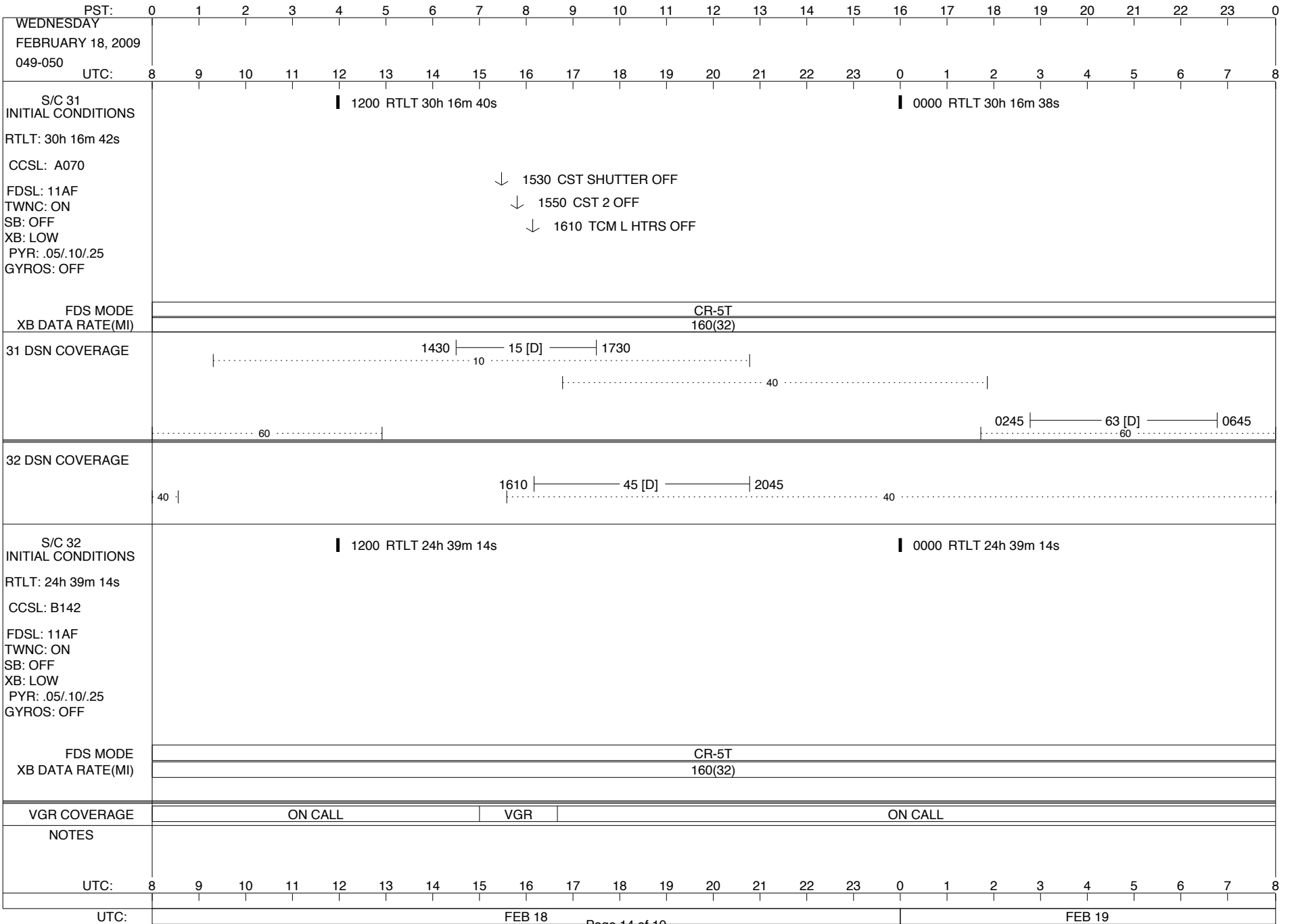
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S/C 31 INITIAL CONDITIONS RTLT: 30h 16m 54s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 16m 52s												0000 RTLT 30h 16m 50s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	0915 ----- 14 [D] ----- 1315 ----- 10 ----- ----- 40 ----- ----- 60 -----												0135 ----- 63 [D] ----- 0645 ----- 60 -----												
32 DSN COVERAGE	1615 ----- 45 [D] ----- 1815 ----- 40 -----												0410 ----- 45 [D] ----- ----- 40 -----												
S/C 32 INITIAL CONDITIONS RTLT: 24h 39m 16s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 39m 16s												0000 RTLT 24h 39m 16s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL																								
NOTES																									
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THURSDAY FEBRUARY 19, 2009 050-051																										
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S/C 31 INITIAL CONDITIONS RTLTL: 30h 16m 38s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 30h 16m 36s												█ 0000 RTLTL 30h 16m 34s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	----- 10 -----												----- 40 -----													
	----- 60 -----												0340 ----- 63 [T] ----- 0555 ----- 60 -----													
32 DSN COVERAGE	40 ----- 1600 ----- 45 [D] ----- 2125 ----- 40																									
S/C 32 INITIAL CONDITIONS RTLTL: 24h 39m 14s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLTL 24h 39m 12s												█ 0000 RTLTL 24h 39m 12s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
VGR COVERAGE	ON CALL												ON CALL													
NOTES																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
UTC:	FEB 19												FEB 20													

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S/C 31 INITIAL CONDITIONS RTLT: 30h 16m 34s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 30h 16m 32s												█ 0000 RTLT 30h 16m 30s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	1045 ----- 14 ----- 1445 ----- 10 -----												----- 40 -----												
	----- 60 -----												0135 ----- 63 [D] ----- 0550 ----- 60 -----												
32 DSN COVERAGE	40 -----												----- 40 ----- 0340 - 0750 ----- 45 [D] -----												
S/C 32 INITIAL CONDITIONS RTLT: 24h 39m 12s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	█ 1200 RTLT 24h 39m 12s												█ 0000 RTLT 24h 39m 12s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL						VGR						ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0214 XB=2.8K(41) NOT RECOVERABLE																								
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8
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S/C 31 INITIAL CONDITIONS RTLT: 30h 16m 30s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 30h 16m 28s												0000 RTLT 30h 16m 26s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
31 DSN COVERAGE	1030 ----- 15 [D] ----- 1325												0120 ----- 63 [D] ----- 0535												
32 DSN COVERAGE	1555 ----- 45 [D] ----- 1955												0245 - 0715 ----- 45 [D] -----												
S/C 32 INITIAL CONDITIONS RTLT: 24h 39m 12s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 24h 39m 10s												0000 RTLT 24h 39m 10s												
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)												
VGR COVERAGE	ON CALL																								
NOTES																									
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S/C 31 INITIAL CONDITIONS RTLT: 30h 16m 22s CCSL: A070 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 30h 16m 20s																									
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
31 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1155 ----- 14 ----- 1815</p> <p>..... -----</p> </div> <div style="width: 45%;"> <p>65 [D] ----- 1100</p> <p>..... -----</p> </div> </div>																									
32 DSN COVERAGE	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>1545 ----- 45 [D] ----- 2100</p> <p>..... -----</p> </div> <div style="width: 45%;"> <p>..... -----</p> </div> </div>																									
S/C 32 INITIAL CONDITIONS RTLT: 24h 39m 8s CCSL: B142 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/10/25 GYROS: OFF	█ 1200 RTLT 24h 39m 8s																									
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)													
VGR COVERAGE	ON CALL																									
NOTES																										
UTC:	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	0	1	2	3	4	5	6	7	8	
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