

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: March 30, 2016

For the Period: 03/31/16 to 04/17/16 (16-092 – 16-108)

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

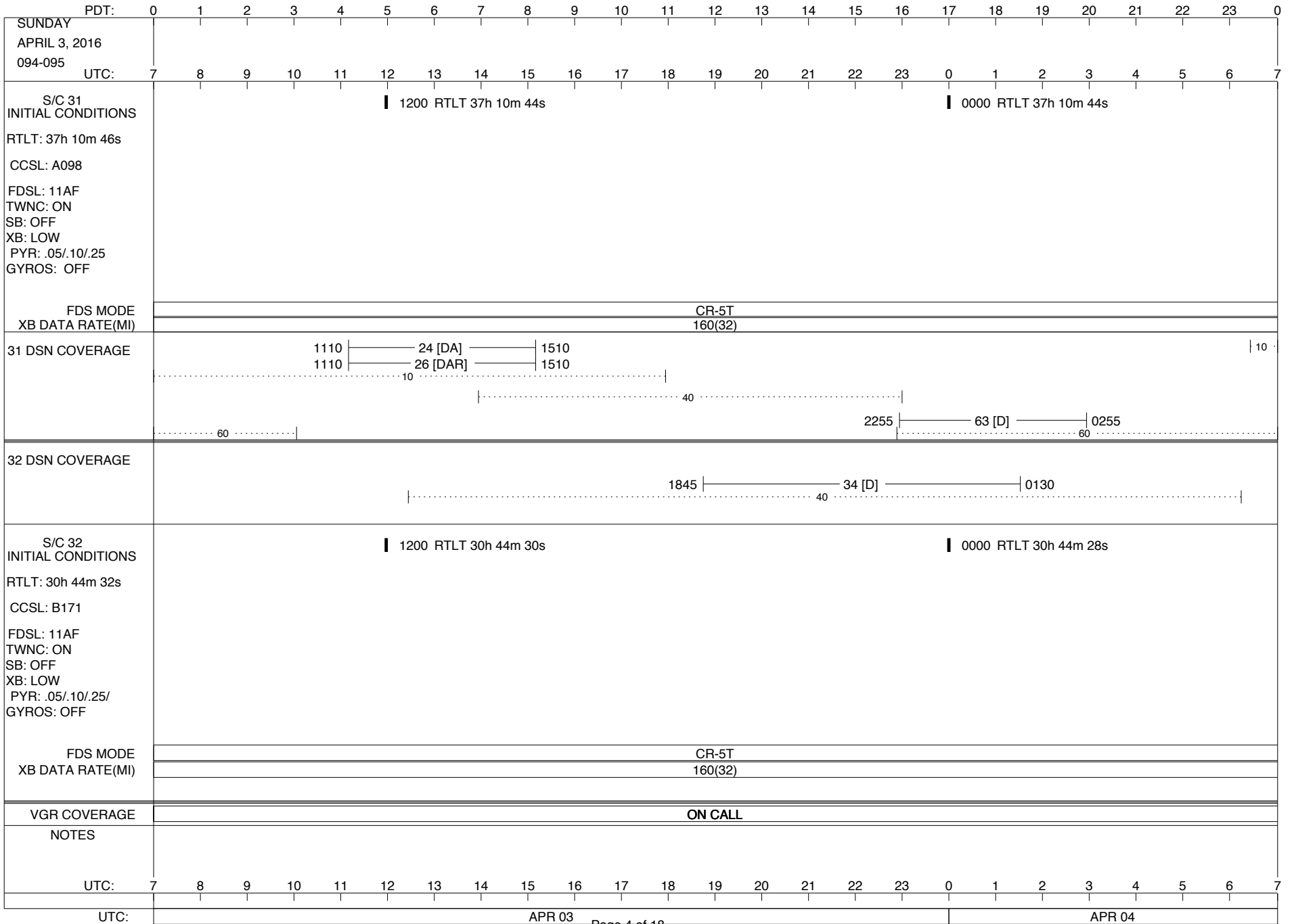
ISSUE DATE: 03/24/16 13:28

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S/C 31 INITIAL CONDITIONS RTLTL: 37h 10m 54s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 10m 54s												0000 RTLT 37h 10m 52s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	1120 |-----| 15 [DAR] |-----| 1545 1120 |-----| 24 [DA] |-----| 1545 10 40 60												10 |-----| ..... 60													
32 DSN COVERAGE	1845 |-----| 43 [H2o] |-----| 2245 40												0035 |-----| 35 [DA] |-----| 0525 0145 |-----| 45 [DAR] |-----| 0525													
S/C 32 INITIAL CONDITIONS RTLTL: 30h 44m 48s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 30h 44m 46s												0000 RTLT 30h 44m 44s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
VGR COVERAGE	ON CALL																									
NOTES	[1] S/C 31=GS-4B @ 2354 XB=2.8K(41) NOT RECOVERABLE [2] ECR 114132 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:	MAR 31												APR 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
FRIDAY APRIL 1, 2016 092-093																									
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S/C 31 INITIAL CONDITIONS RTLT: 37h 10m 52s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 10m 50s												0000 RTLT 37h 10m 48s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1235 |----- 24 [DAR] -----| 1635 1235 |----- 26 [DA] -----| 1635 .....|----- 10 -----| .....|----- 40 -----| .....60 .....|												2300 |----- 63 [D] -----| 0030 .....|----- 60 -----|												
32 DSN COVERAGE	.....|----- 40 -----|												2330 |----- 45 [DA] -----| 0525 0120 |----- 35 [DAR] -----| 0525 .....|----- 40 -----|												
S/C 32 INITIAL CONDITIONS RTLT: 30h 44m 44s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLT 30h 44m 40s												| 0000 RTLT 30h 44m 38s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												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:	APR 01												APR 02												

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 APRIL 2, 2016 093-094	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 10m 48s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 37h 10m 48s												| 0000 RTLT 37h 10m 46s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1215 | 25 [DAR] | 1630 1215 | 26 [DA] | 1630												2255 | 63 [D] | 0145												
32 DSN COVERAGE													0320 - 0620 | 43 [D]												
S/C 32 INITIAL CONDITIONS RTLT: 30h 44m 38s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLT 30h 44m 36s												| 0000 RTLT 30h 44m 32s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 0254 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:	APR 02												APR 03												

ISSUE DATE: 03/24/16 13:28



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 APRIL 4, 2016 095-096																									
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 10m 44s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 37h 10m 42s												| 0000 RTLTL 37h 10m 40s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	.....| 10 .....										.....| 40 .....										.....| 10			
																					2325 |-----| 0025 54 [DA] 2325 |-----| 55 [DAR] -----| 0325 2325 |-----| 65 [DA] -----| 0325				
	.....| 60 .....																				.....| 60			
32 DSN COVERAGE	1220 |-----| 43 [B] -----| 1650												.....| 40											
S/C 32 INITIAL CONDITIONS RTLTL: 30h 44m 28s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLTL 30h 44m 26s												| 0000 RTLTL 30h 44m 22s												
FDS MODE XB DATA RATE(MI)	CR-5T 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:	APR 04												APR 05												

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 APRIL 5, 2016 096-097																										
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 10m 40s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 37h 10m 40s												| 0000 RTLTL 37h 10m 38s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	.....| 10 .....												.....| 10											
	.....| 40 .....												.....| 40											
	.....| 60 .....												.....| 60											
	.....| 0300 - 0700 | 63 [D] .....												.....| 60											
32 DSN COVERAGE	.....| 1855 | 34 [D] | 0015 .....												.....| 40											
S/C 32 INITIAL CONDITIONS RTLTL: 30h 44m 22s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLTL 30h 44m 20s												| 0000 RTLTL 30h 44m 18s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
VGR COVERAGE	ON CALL																									
NOTES	[1] S/C 31=GS-4B @ 1717 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:	APR 05												APR 06													

ISSUE DATE: 03/24/16 13:28

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			
WEDNESDAY APRIL 6, 2016 097-098																												
S/C 31 INITIAL CONDITIONS RTLT: 37h 10m 38s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 37h 10m 36s												| 0000 RTLT 37h 10m 36s															
													▼ 2310 DUMMY (12:21) ▼ 2318 EL-40 (12:28) ▼ 2339 CCSL A099 (12:50) ▼ 0013 AHEL12 MRO'S CR-5T (13:24) U/L 0125 | - | - - - - TLC (SHORT-FORM) - - - -															
FDS MODE XB DATA RATE(MI)													CR-5T 160(32)															
31 DSN COVERAGE	.....|.....10.....|.....40.....|.....10..... 0700 63 [D] .....|.....2240 .....|.....63 [T] .....|.....0240 ..... .....60.....|.....60.....																											
32 DSN COVERAGE	.....|.....40.....2255 .....|.....43 [D] .....|.....0445																											
S/C 32 INITIAL CONDITIONS RTLT: 30h 44m 18s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLT 30h 44m 14s												| 0000 RTLT 30h 44m 12s															
FDS MODE XB DATA RATE(MI)													CR-5T 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:	APR 06														APR 07													

ISSUE DATE: 03/24/16 13:28

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 APRIL 7, 2016 098-099																										
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 10m 36s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 10m 34s												0000 RTLT 37h 10m 34s													
													2028 |---| 2108 TAPPOS 2330 | 2331 PWS/RH 2342 |----| 0036 TAPPOS													
	----- TLC (SHORT-FORM) -----																									
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
31 DSN COVERAGE	<p>1410 |---25 [DAR]---| 1610 1410 |---26 [DA]---| 1610</p> <p>..... 10 ..... | ..... 40 ..... | ..... 0210 |-----63 [D]-----</p> <p>..... 60 ..... | ..... 60</p>																									
32 DSN COVERAGE	<p>2315 |-----45 [DA]-----| 0440 0115 |-----35 [DAR]-----| 0440</p> <p>..... 40</p>																									
S/C 32 INITIAL CONDITIONS RTLTL: 30h 44m 12s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 30h 44m 10s												0000 RTLT 30h 44m 6s													
FDS MODE	CR-5T												CR-5T													
XB DATA RATE(MI)	160(32)												160(32)													
VGR COVERAGE	ON CALL																									
NOTES	[1] S/C 31=GS-4B @ 2330 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:	APR 07												APR 08													

ISSUE DATE: 03/24/16 13:28

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
APRIL 8, 2016
099-100
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 10m 34s
CCSL: A098
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25
GYROS: OFF

1200 RTLT 37h 10m 32s
0000 RTLT 37h 10m 32s

1307 || 1311 A099 CHKSUM
1325 || 1328 2 AHELII2 SID MRO'S

TLC (SHORT-FORM) -----+ D/L -| 1604

EL-40 1229 * ↓ * 1329 CR-5T

FDS MODE CR-5T EL-40 CR-5T
XB DATA RATE(MI) 160(32) 40(30) 160(32)

31 DSN COVERAGE

1105 ----- 15 [DA] ----- 1605	----- 10 -----	----- 40 -----	0325 ----- 65 [DA] -----
1105 ----- 25 [DAR] ----- 1605			0325 ----- 54 [DAR] -----
63 [D] ----- 1010			60 -----

32 DSN COVERAGE

----- 40 ----- 2220 ----- 43 [D] ----- 0555
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S/C 32
INITIAL CONDITIONS
RTLT: 30h 44m 6s
CCSL: B171
FDSL: 11AF
TWNC: ON
SB: OFF
XB: LOW
PYR: .05/.10/.25/
GYROS: OFF

1200 RTLT 30h 44m 4s
0000 RTLT 30h 44m 2s

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

VGR COVERAGE ON CALL

NOTES

[1] S/C 31=EL-40 XB=40(30) @ 1229
[2] S/C 31=CR-5T XB=160(32) @ 1329

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: APR 08 Page 9 of 18 APR 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 APRIL 9, 2016 100-101	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 10m 32s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLTL 37h 10m 30s												| 0000 RTLTL 37h 10m 30s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	.....| 10 .....												.....| 10											
	| 65 [DA] | 0830 | 54 [DAR] | 0830 .....| 60 .....												| 2235 | 63 [D] | 0120 .....| 60												
32 DSN COVERAGE	1200 | 43 [o] | 1600 .....| 40												0250 | 43 [D] | 0550 .....| 40												
S/C 32 INITIAL CONDITIONS RTLTL: 30h 44m 2s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLTL 30h 43m 58s												| 0000 RTLTL 30h 43m 56s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0230 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:	APR 09												APR 10												

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 APRIL 10, 2016 101-102	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 10m 30s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 10m 28s												0000 RTLT 37h 10m 28s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
31 DSN COVERAGE	0950 |----- 15 [DA] -----| 1455 0950 |----- 25 [DAR] -----| 1455 .....|----- 10 -----| .....|----- 40 -----| .....|----- 2225 -----|----- 63 [D] -----| 0505 .....|----- 60 -----|												|... 10 ...												
32 DSN COVERAGE	|----- 1755 -----|----- 34 [D] -----| 0105 .....|----- 40 -----|																								
S/C 32 INITIAL CONDITIONS RTLT: 30h 43m 56s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 30h 43m 54s												0000 RTLT 30h 43m 50s												
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:	APR 10												APR 11												

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 APRIL 11, 2016 102-103																									
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 10m 28s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	| 1200 RTLT 37h 10m 26s												| 0000 RTLT 37h 10m 26s												
FDS MODE	CR-5T																								
XB DATA RATE(MI)	160(32)																								
31 DSN COVERAGE	.....| 10 .....												.....| 10											
	|..... 40 .....												|..... 40											
	.....| 60												2220 | 63 [D] | 0225 .....| 60											
32 DSN COVERAGE	|..... 1845 |..... 34 [o] | 0105 .....												|..... 40											
S/C 32 INITIAL CONDITIONS RTLT: 30h 43m 50s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLT 30h 43m 48s												| 0000 RTLT 30h 43m 46s												
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:	APR 11												APR 12												

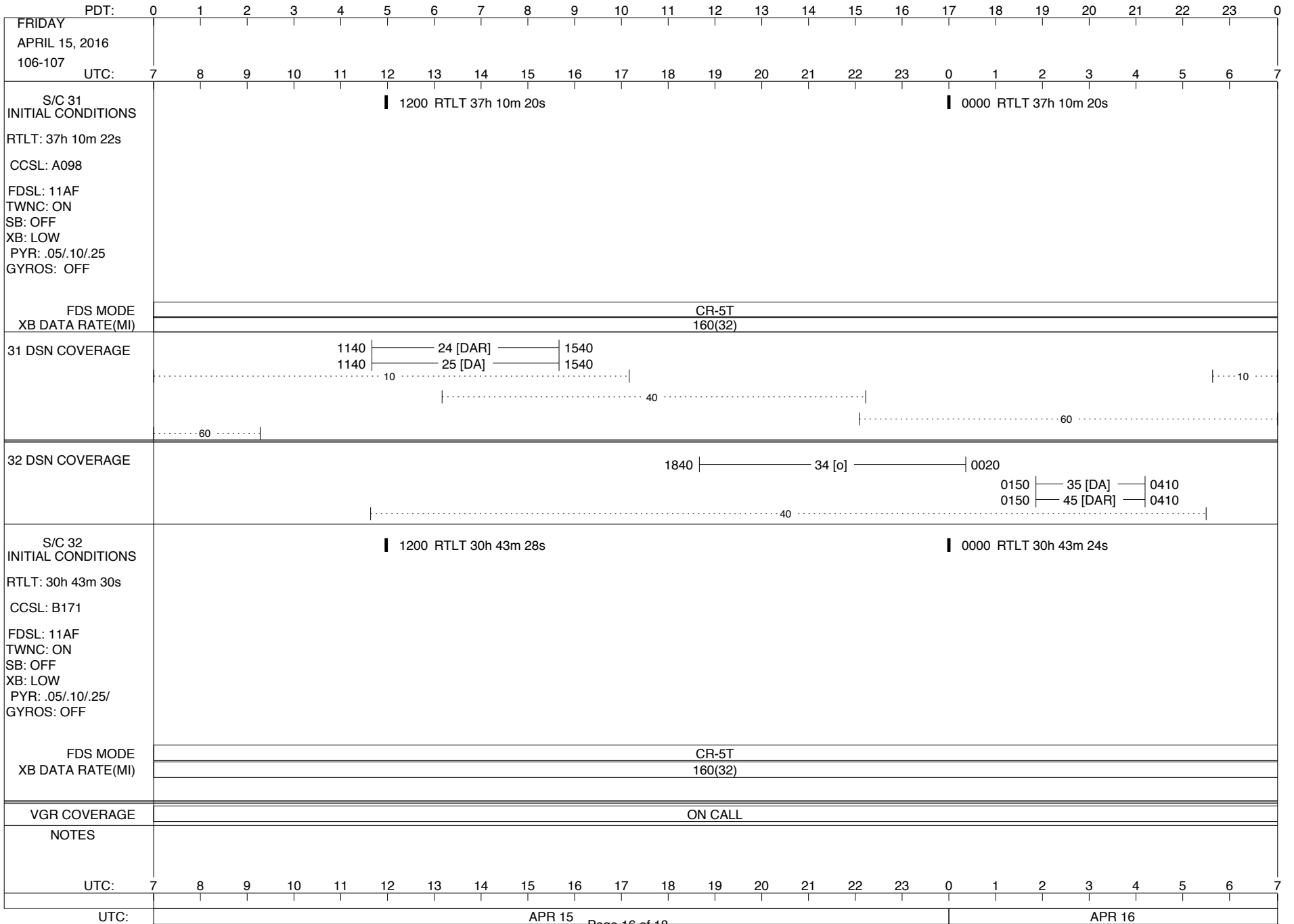
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S/C 31 INITIAL CONDITIONS RTLT: 37h 10m 26s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 10m 24s												0000 RTLT 37h 10m 24s														
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)														
31 DSN COVERAGE	.....| 10 .....												.....| 40											
	.....| 60 .....												.....| 2220 | 63 [T2] | 0230 | 60											
32 DSN COVERAGE	.....| 40 .....												.....| 0130 | 43 [D] | 0540											
S/C 32 INITIAL CONDITIONS RTLT: 30h 43m 46s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	| 1200 RTLT 30h 43m 44s												| 0000 RTLT 30h 43m 40s														
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																										
VGR COVERAGE	ON CALL												VGR			ON CALL											
NOTES	[1] S/C 31=GS-4B @ 1653 XB=2.8K(41) NOT RECOVERABLE [2] A099 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:	APR 12												APR 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																											
APRIL 13, 2016																											
104-105																											
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												0000								
RTLT: 37h 10m 24s																											
CCSL: A098																											
FDSL: 11AF																											
TWNC: ON																											
SB: OFF																											
XB: LOW																											
PYR: .05/.10/.25																											
GYROS: OFF																											
FDS MODE																											
XB DATA RATE(MI)																											
31 DSN COVERAGE																											
32 DSN COVERAGE																											
S/C 32 INITIAL CONDITIONS							1200												0000								
RTLT: 30h 43m 40s																											
CCSL: B171																											
FDSL: 11AF																											
TWNC: ON																											
SB: OFF																											
XB: LOW																											
PYR: .05/.10/.25/																											
GYROS: OFF																											
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:		APR 13													APR 14												

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 APRIL 14, 2016 105-106	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 10m 22s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 10m 22s												0000 RTLT 37h 10m 22s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)												CR-5T 160(32)												
31 DSN COVERAGE	0910 |-----| 15 [DA] |-----| 1540 0910 |-----| 26 [DAR] |-----| 1540 .....|-----| 10 .....|-----| 40 .....|-----| 10												2305 |-----| 63 [D] |-----| 0100 .....|-----| 60												
32 DSN COVERAGE	2030 |-----| 45 [DA] |-----| 0410 .....|-----| 40 .....|-----| 0050 |-----| 34 [DAR] |-----| 0410																								
S/C 32 INITIAL CONDITIONS RTLT: 30h 43m 36s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 30h 43m 32s												0000 RTLT 30h 43m 30s												
FDS MODE XB DATA RATE(MI)	CR-5T 160(32)																								
VGR COVERAGE	ON CALL																								
NOTES	[1] S/C 31=GS-4B @ 2306 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:	APR 14												APR 15												

ISSUE DATE: 03/24/16 13:28



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 APRIL 16, 2016 107-108	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 10m 20s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLTL 37h 10m 20s												0000 RTLTL 37h 10m 20s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
31 DSN COVERAGE	1030 |----- 24 [DA] -----| 1530 1030 |----- 26 [DAR] -----| 1530 10 40 60 .....												..... 10 60											
32 DSN COVERAGE	..... 40												0125 |----- 43 [D] -----| 0525											
S/C 32 INITIAL CONDITIONS RTLTL: 30h 43m 24s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLTL 30h 43m 22s												0000 RTLTL 30h 43m 20s												
FDS MODE	CR-5T												CR-5T												
XB DATA RATE(MI)	160(32)												160(32)												
VGR COVERAGE	ON CALL												ON CALL												
NOTES	[1] S/C 31=GS-4B @ 0206 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:	APR 16												APR 17												

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 APRIL 17, 2016 108-109	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 10m 20s CCSL: A098 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25 GYROS: OFF	1200 RTLT 37h 10m 18s																																																				
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)																																							
31 DSN COVERAGE	<table border="0"> <tr> <td>1030</td><td> </td><td>15 [DAR]</td><td> </td><td>1430</td> </tr> <tr> <td>1030</td><td> </td><td>25 [DA]</td><td> </td><td>1430</td> </tr> <tr> <td colspan="2">.....</td><td>10</td><td colspan="2">.....</td> </tr> <tr> <td colspan="2">.....</td><td>60</td><td colspan="2">.....</td> </tr> <tr> <td colspan="2"></td><td></td><td>40</td><td colspan="2">.....</td> </tr> </table>																											1030		15 [DAR]		1430	1030		25 [DA]		1430		10		60					40	
1030		15 [DAR]		1430																																																	
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S/C 32 INITIAL CONDITIONS RTLT: 30h 43m 20s CCSL: B171 FDSL: 11AF TWNC: ON SB: OFF XB: LOW PYR: .05/.10/.25/ GYROS: OFF	1200 RTLT 30h 43m 18s																																																				
FDS MODE XB DATA RATE(MI)														CR-5T 160(32)																																							
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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:	APR 17													APR 18																																							