WEEK 13

Ulysses SFOS

Created: 14 Mar. 2007

UTC: D085 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 D086

ROUND TRIP LIGHT TIME 0:38:16 0:38:16 0:38:14 0:38:14 0:38:12

ONE WAY LIGHT TIME 0:19:08 0:19:08 0:19:07 0:19:07 0:19:06

DSS 14 VIEW + ALLOC

DSS 24 VIEW + ALLOC

DSS 25 VIEW + ALLOC

DSS 32 VIEW + ALLOC

DSS 34 VIEW + ALLOC 0600 0645 <34> 1410 1825 1910 <34> 2305

DSS 43 VIEW + ALLOC

DSS 45 VIEW + ALLOC 0150 0220 <45> 0615

DSS 46 VIEW + ALLOC 0155 0220 <46> 0615

DSS 54 VIEW + ALLOC

DSS 63 VIEW + ALLOC

DSS 75 VIEW + ALLOC 1205 1305 <75> 1600

POWER CONFLICTS ?

o UPLINK

STATION + XFERS

0230 ON 46 0520

0236 CMD 46 0515

1005 ON 34 1240

1011 CMD 34 1235

1920 ON 34 2215

1926 CMD 34 2210

CMD MOD

0308 XCOH 0558

1043 XCOH 1318

1958 XCOH 2253

0655 ON 34 0850

0701 CMD 34 0845

0733 XCOH 0928

1315 ON 75 1510

1321 CMD 75 1505

1353 XCOH 1548

RANGING X:

COHERENCY X:

SAMPLING X:

o DOWNLINK

X: 0.90 / --- (0226) 0.90 / --- (0612) 0.90 / --- (0654) 0.90 / --- (0937) 1.25 / --- (1032) 0.90 / --- (1410) 0.90 / --- (1917) 0.90 / --- (2303) 0.90 / ---

BIT RATE: 512 (0226) 1024 (0612) 512 (0654) 1024 (0937) (1032) 1024 (1410) 512 (1917) 1024 (2303) 512

0937 8192 1:7

PLAYBACK / RECORD

SPACECRAFT EVENTS

C.OFF 0510 C.OFF 0840 C.OFF 1230 C.OFF 1500 C.OFF 2205

0615 0645 REC

REC 0220

0220 STANDBY

STANDBY 0645

0949 1019 PLBK

1600 REC 1910

STANDBY 1910

2305 REC

CAT BED HEATERS ON - PST TIME IS WRONG =+1HR

PST: 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

UTC: 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, MARCH 26, 2007 (085)

WEEK 13

Ulysses SFOS

Created: 14 Mar. 2007

UTC: D086 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 D087

ROUND TRIP LIGHT TIME 0:38:12 0:38:10 0:38:10 0:38:08 0:38:08
ONE WAY LIGHT TIME 0:19:06 0:19:05 0:19:05 0:19:04 0:19:04

DSS 14 VIEW + ALLOC

DSS 24 VIEW + ALLOC

DSS 25 VIEW + ALLOC

DSS 32 VIEW + ALLOC

DSS 34 VIEW + ALLOC 0255 0340 <34> 1240 1610 1655 <34>

DSS 43 VIEW + ALLOC

DSS 45 VIEW + ALLOC

DSS 46 VIEW + ALLOC

DSS 54 VIEW + ALLOC

DSS 63 VIEW + ALLOC

DSS 75 VIEW + ALLOC 1202 1302 <75> 1504

POWER CONFLICTS ?

o UPLINK
STATION + XFERS
0350 ON 34 0625 | 1310 ON 75 1415 | 1805 ON 34 2105
0356 CMD 34 0620 | 1316 1410 CMD 75 | 1811 CMD 34 2100

CMD MOD
0428 XCOH 0703 | 1348 1453 XCOH | 1843 XCOH 2143
0750 ON 34 1145 | 2200 ON 34
0756 CMD 34 1140 | 2206 CMD 34

RANGING X:
COHERENCY X:
SAMPLING X:
0828 XCOH 1223 | 2238 XCOH

o DOWNLINK
X: 0349 0.90 / --- | 0718 1.25 / --- | 0.90 / --- | 0817 0.90 / --- | 1238 0.90 / --- | 1702 0.90 / --- | 2153 1.25 / --- | 2227 0.90 / ---
BIT RATE: 512 | 0349 1024 | 0718 8192 1:7 | 0817 1024 | 1238 512 | 1702 1024 | 2153 8192 1:7 | 2227 1024

PLAYBACK / RECORD

SPACECRAFT EVENTS
C.OFF 0615 | C.OFF 1135 | C.OFF 1405 | C.OFF 2055
0729 0803 PLBK | 1504 REC 1655 | 2204 2214 PLBK
REC 0340 | STANDBY 1655
STANDBY 0340 | 1240 1302 REC
STANDBY 1302

CAT BED HEATERS ON - PST TIME IS WRONG =+1HR

PST: 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

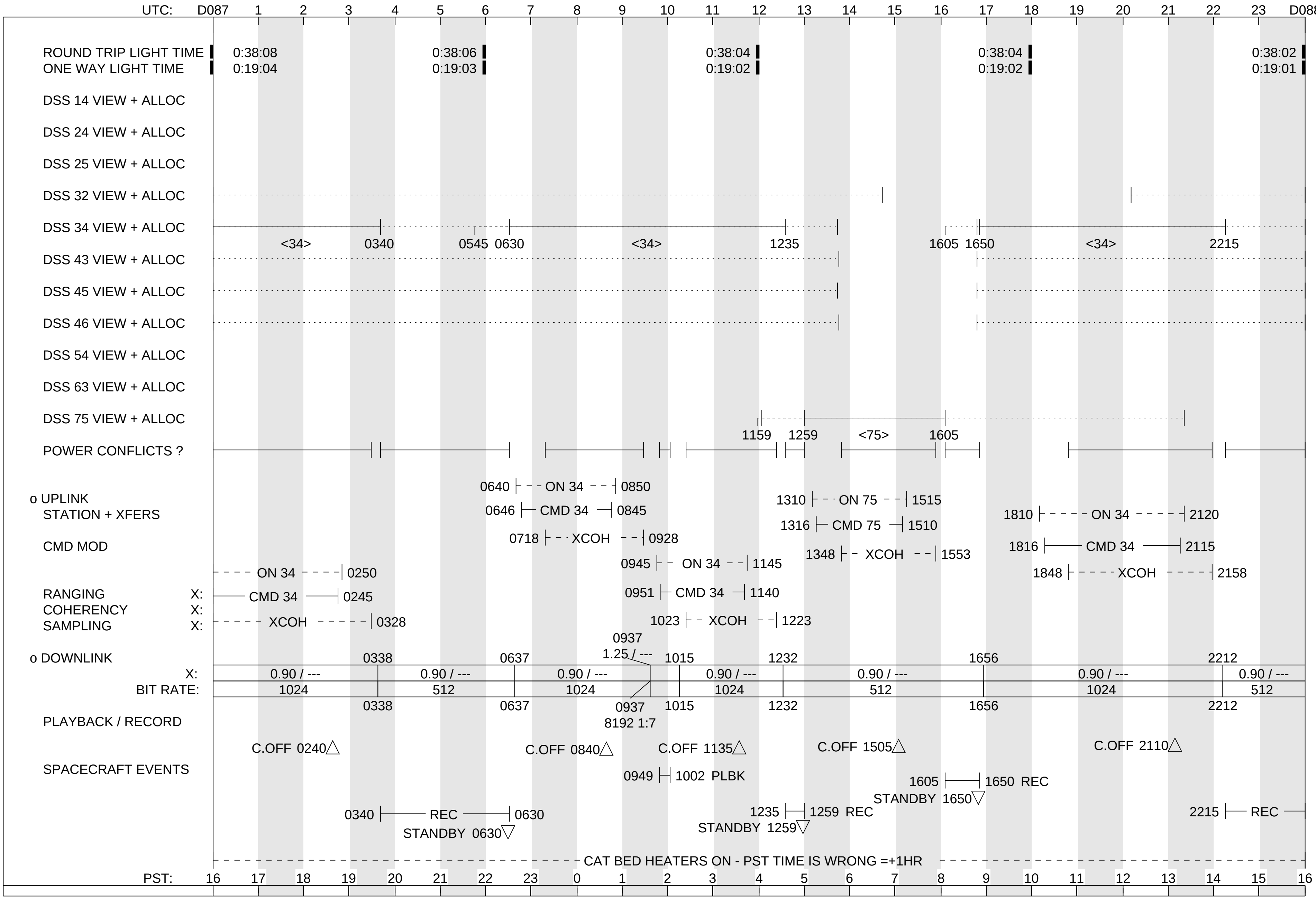
UTC: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0

TUESDAY, MARCH 27, 2007 (086)

WEEK 13

Ulysses SFOS

Created: 14 Mar. 2007

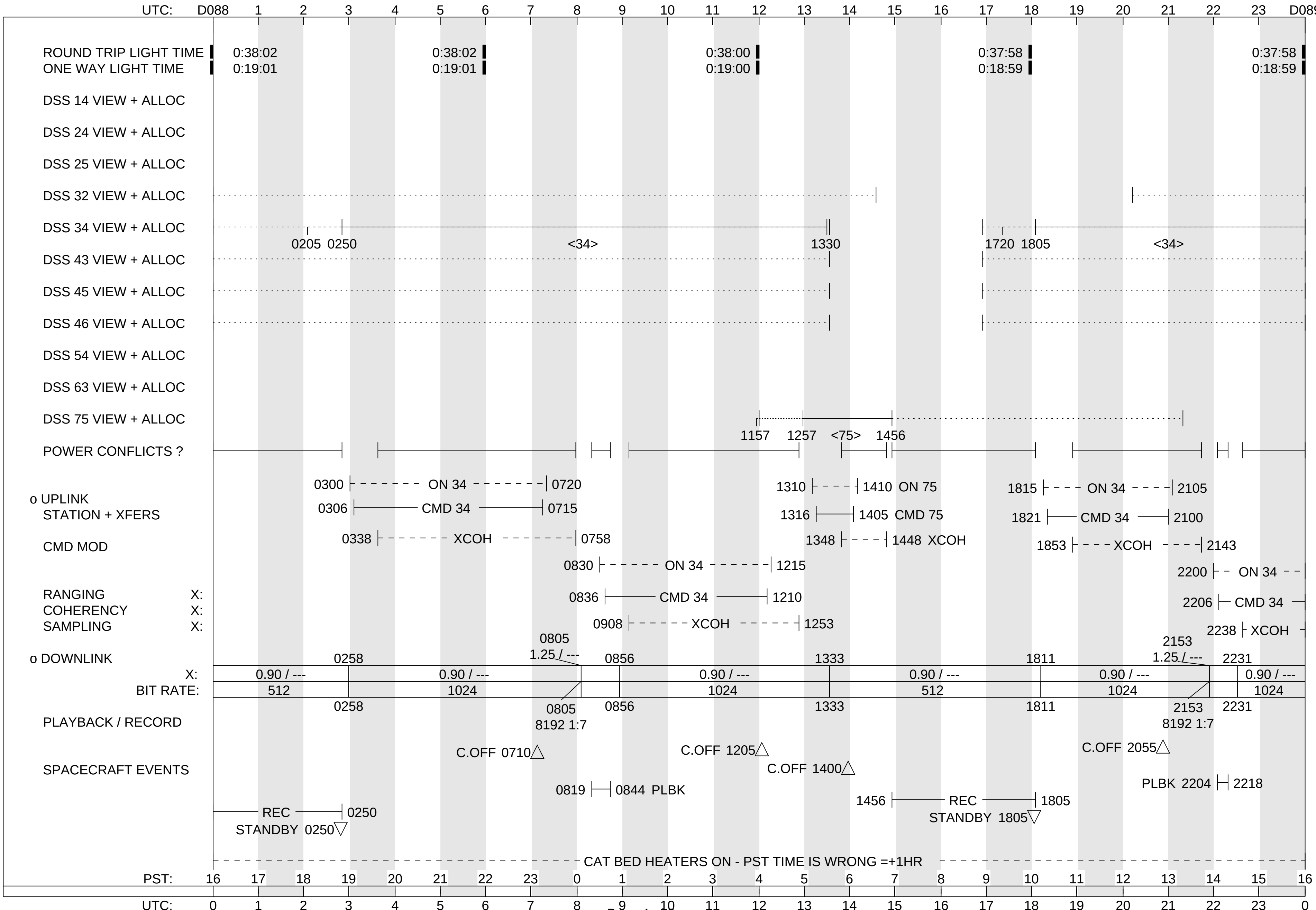


WEDNESDAY, MARCH 28, 2007 (087)

WEEK 13

Ulysses SFOS

Created: 14 Mar. 2007



THURSDAY, MARCH 29, 2007 (088)

Ulysses SFOS

Created: 14 Mar. 2007

UTC: D089 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 D090

ROUND TRIP LIGHT TIME 0:37:58 0:37:56 0:37:56 0:37:54 0:37:52
ONE WAY LIGHT TIME 0:18:59 0:18:58 0:18:58 0:18:57 0:18:56

DSS 14 VIEW + ALLOC

DSS 24 VIEW + ALLOC

DSS 25 VIEW + ALLOC

DSS 32 VIEW + ALLOC

DSS 34 VIEW + ALLOC
<34> 0105 0455 0540 <34> 1315 1705 1750 <34>

DSS 43 VIEW + ALLOC

DSS 45 VIEW + ALLOC

DSS 46 VIEW + ALLOC

DSS 54 VIEW + ALLOC

DSS 63 VIEW + ALLOC

DSS 75 VIEW + ALLOC
1154 1254 <75> 1609

POWER CONFLICTS ?

o UPLINK
STATION + XFERS
0550 ON 34 1210 1810 ON 34
0556 CMD 34 1205 1816 CMD 34

CMD MOD
0628 XCOH 1248 1848 XCOH

RANGING X:
COHERENCY X:
SAMPLING X:
0015 ON 34 1305 ON 75 1520
0010 CMD 34 1311 CMD 75 1515
0053 XCOH 1343 XCOH 1558

o DOWNLINK
0100 0546 1318 1755
X: 0.90 / --- 0.90 / --- 0.90 / --- 0.90 / ---
BIT RATE: 1024 512 1024 512 1024
0100 0546 1318 1755

PLAYBACK / RECORD

0005 C.OFF C.OFF 1200 C.OFF 1510

SPACECRAFT EVENTS

0105 REC 0540 1609 REC 1750
STANDBY 0540 STANDBY 1750

CAT BED HEATERS ON - PST TIME IS WRONG =+1HR

PST: 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

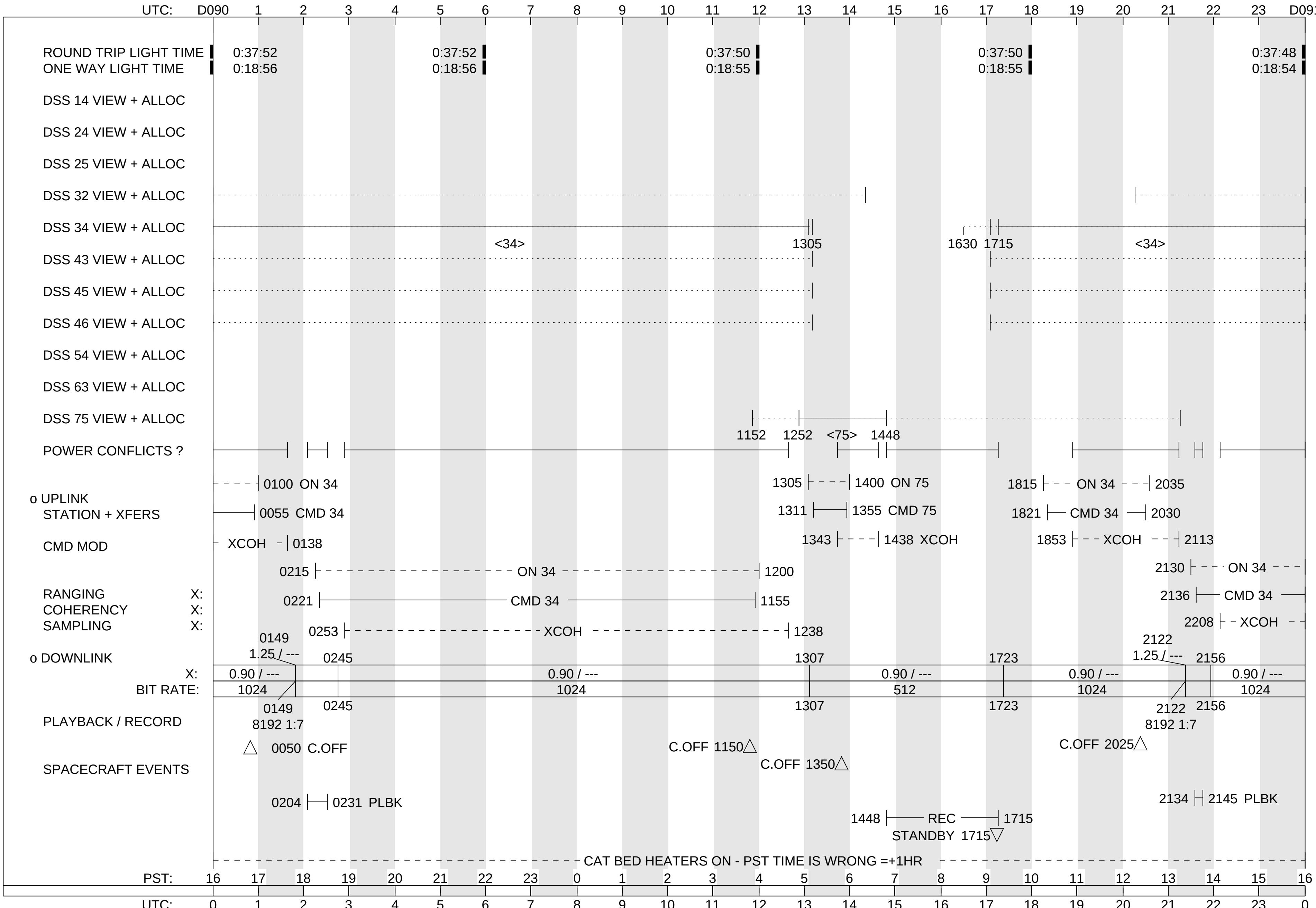
UTC: 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0

FRIDAY, MARCH 30, 2007 (089)

WEEK 13

Ulysses SFOS

Created: 14 Mar. 2007



SATURDAY, MARCH 31, 2007 (090)

WEEK 13

Ulysses SFOS

Created: 14 Mar. 2007

UTC: D091 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 D092

ROUND TRIP LIGHT TIME 0:37:48 0:37:46 0:37:46 0:37:44 0:37:42

ONE WAY LIGHT TIME 0:18:54 0:18:53 0:18:53 0:18:52 0:18:51

DSS 14 VIEW + ALLOC

DSS 24 VIEW + ALLOC

DSS 25 VIEW + ALLOC

DSS 32 VIEW + ALLOC

DSS 34 VIEW + ALLOC <34> 0200 0530 0615 <34> 1300 1630 1715 <34> 2145

DSS 43 VIEW + ALLOC

DSS 45 VIEW + ALLOC

DSS 46 VIEW + ALLOC

DSS 54 VIEW + ALLOC

DSS 63 VIEW + ALLOC

DSS 75 VIEW + ALLOC 1150 1250 <75> 1611

POWER CONFLICTS ?

o UPLINK

STATION + XFERS

0625 ON 34 0815

0631 CMD 34 0810

1300 ON 75 1520

1306 CMD 75 1515

1815 ON 34 2050

CMD MOD

0703 XCOH 0853

1338 XCOH 1558

1821 CMD 34 2045

ON 34 0110

0920 ON 34 1155

1853 XCOH 2128

RANGING X: 0105 CMD 34

0926 CMD 34 1150

COHERENCY X:

SAMPLING X: XCOH 0148

0958 XCOH 1233

o DOWNLINK

0155 0624 0906 1.25 / --- 0949 1301 1721 2141

X: 0.90 / --- 0.90 / --- 0.90 / --- 0.90 / --- 0.90 / --- 0.90 / --- 0.90 / ---

BIT RATE: 1024 512 1024 1024 512 1024 512

0155 0624 0906 8192 1:7 0949 1301 1721 2141

PLAYBACK / RECORD

0100 C.OFF

C.OFF 0805

C.OFF 1145

C.OFF 1510

C.OFF 2040

SPACECRAFT EVENTS

0919 0938 PLBK

0200 REC 0615

STANDBY 0615

1611 REC 1715

STANDBY 1715

2145 REC

CAT BED HEATERS ON - PST TIME IS WRONG =+1HR

PST: 16 17 18 19 20 21 22 23 0 1 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

UTC: 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 1, 2007 (091)

WEEK 13

Ulysses SFOS

Created: 14 Mar. 2007

UTC: D092 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 D093

ROUND TRIP LIGHT TIME 0:37:42
ONE WAY LIGHT TIME 0:18:51

DSS 14 VIEW + ALLOC

DSS 24 VIEW + ALLOC

DSS 25 VIEW + ALLOC

DSS 32 VIEW + ALLOC

DSS 34 VIEW + ALLOC

DSS 43 VIEW + ALLOC

DSS 45 VIEW + ALLOC

DSS 46 VIEW + ALLOC

DSS 54 VIEW + ALLOC

DSS 63 VIEW + ALLOC

DSS 75 VIEW + ALLOC

POWER CONFLICTS ?

o UPLINK
STATION + XFERS

CMD MOD

RANGING X:
COHERENCY X:
SAMPLING X:

o DOWNLINK
X: 0.90 / ---
BIT RATE: 512

PLAYBACK / RECORD

SPACECRAFT EVENTS

REC 1230

CAT BED HEATERS ON - PST TIME IS WRONG =+1HR

PDT: 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

UTC: 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 2, 2007 (092)