WEEK 4

Ulysses SFOS

Created: 11 Jan. 2007

UTC: D022 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 D023

ROUND TRIP LIGHT TIME 0:43:48 0:43:46 0:43:44 0:43:42 0:43:40

ONE WAY LIGHT TIME 0:21:54 0:21:53 0:21:52 0:21:51 0:21:50

DSS 14 VIEW + ALLOC

DSS 24 VIEW + ALLOC

DSS 25 VIEW + ALLOC

DSS 32 VIEW + ALLOC

DSS 34 VIEW + ALLOC 0500 0545 <34> 1700

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 0615 ON 34 0815

CMD MOD 0621 CMD 34 0810

RANGING X:

COHERENCY X: 0659 XCOH 0859

SAMPLING X:

o DOWNLINK 0555 1505 1656

X: 0.90 / --- 0.90 / --- 1.25 / --- 0.90 / ---

BIT RATE: 512 1024 4096 1:3 512

0555 1505 1656

PLAYBACK / RECORD REC 0545

STANDBY 0545 1700 REC

SPACECRAFT EVENTS 1517 PLBK 1647

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, JANUARY 22, 2007 (022)

WEEK 4

Ulysses SFOS

Created: 11 Jan. 2007

UTC: D023 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 D024

ROUND TRIP LIGHT TIME: 0:43:40 | 0:43:38 | 0:43:36 | 0:43:35 | 0:43:34

ONE WAY LIGHT TIME: 0:21:50 | 0:21:49 | 0:21:48 | 0:21:47 | 0:21:47

DSS 14 VIEW + ALLOC

DSS 24 VIEW + ALLOC

DSS 25 VIEW + ALLOC

DSS 32 VIEW + ALLOC

DSS 34 VIEW + ALLOC: 0720 0805 <34> 1820

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: 0935 ON 34 1135

CMD MOD: 0941 CMD 34 1130

RANGING X:

COHERENCY X: 1019 XCOH 1219

SAMPLING X:

o DOWNLINK

X: 0.90 / --- | 0813 | 0.90 / --- | 1528 | 1.25 / --- | 1819 | 0.90 / ---

BIT RATE: 512 | 0813 | 1024 | 1528 | 4096 1:3 | 1819 | 512

PLAYBACK / RECORD: REC 0805 | 1820 REC

STANDBY 0805

SPACECRAFT EVENTS:

1539 PLBK 1810

0817 0937 CAT BED HEATING

0937 1017 MANOEUVRE

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, JANUARY 23, 2007 (023)

Ulysses SFOS

Created: 11 Jan. 2007

UTC: D024 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 D025

ROUND TRIP LIGHT TIME 0:43:34 0:43:32 0:43:30 0:43:28 0:43:26

ONE WAY LIGHT TIME 0:21:47 0:21:46 0:21:45 0:21:44 0:21:43

DSS 14 VIEW + ALLOC

DSS 24 VIEW + ALLOC

DSS 25 VIEW + ALLOC

DSS 32 VIEW + ALLOC

DSS 34 VIEW + ALLOC 0820 0905 <34> 1820

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 0920 ON 34 1050

CMD MOD 0926 1045 CMD 34

RANGING X:

COHERENCY X: 1004 XCOH 1134

SAMPLING X:

o DOWNLINK 0915 1530 1817

X: 0.90 / --- 0.90 / --- 1.25 / --- 0.90 / ---

BIT RATE: 512 1024 4096 1:3 512

0915 1530 1817

PLAYBACK / RECORD

REC 0905 1820 REC

STANDBY 0905

SPACECRAFT EVENTS 1542 PLBK 1810

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

WEDNESDAY, JANUARY 24, 2007 (024)

WEEK 4

Ulysses SFOS

Created: 11 Jan. 2007

UTC: D025 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 D026

ROUND TRIP LIGHT TIME 0:43:26 0:43:24 0:43:22 0:43:20 0:43:18
ONE WAY LIGHT TIME 0:21:43 0:21:42 0:21:41 0:21:40 0:21:39

DSS 14 VIEW + ALLOC

DSS 24 VIEW + ALLOC

DSS 25 VIEW + ALLOC

DSS 32 VIEW + ALLOC

DSS 34 VIEW + ALLOC 0945 1030 <34> 2035

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 1050 ON 34 1250

CMD MOD 1056 CMD 34 1245

RANGING X:
COHERENCY X: 1133 XCOH 1333
SAMPLING X:

o DOWNLINK 1038 1901 2031
X: 0.90 / --- 0.90 / --- 1.25 / --- 0.90 / ---
BIT RATE: 512 1024 8192 1:7 512
1038 1901 2031

PLAYBACK / RECORD REC 1030 2035 REC
STANDBY 1030

SPACECRAFT EVENTS 1915 PLBK 2025

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

THURSDAY, JANUARY 25, 2007 (025)

WEEK 4

Ulysses SFOS

Created: 11 Jan. 2007

UTC: D026 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 D027

ROUND TRIP LIGHT TIME 0:43:18 0:43:16 0:43:16 0:43:14 0:43:12
ONE WAY LIGHT TIME 0:21:39 0:21:38 0:21:38 0:21:37 0:21:36

DSS 14 VIEW + ALLOC

DSS 24 VIEW + ALLOC

DSS 25 VIEW + ALLOC

DSS 32 VIEW + ALLOC

DSS 34 VIEW + ALLOC 0750 0835 <34> 1910

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 1005 ON 34 1205

CMD MOD 1011 CMD 34 1200

RANGING X:
COHERENCY X: 1048 XCOH 1248
SAMPLING X:

o DOWNLINK 0845 1647 1908
X: 0.90 / --- 0.90 / --- 1.25 / --- 0.90 / ---
BIT RATE: 512 1024 4096 1:3 512
0845 1647 1908

PLAYBACK / RECORD REC 0835 1910 REC

STANDBY 0835

SPACECRAFT EVENTS 1700 PLBK 1900
0847 1007 CAT BED HEATING
1007 1047 MANOEUVRE

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, JANUARY 26, 2007 (026)

WEEK 4

Ulysses SFOS

Created: 11 Jan. 2007

UTC: D027 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 D028

ROUND TRIP LIGHT TIME 0:43:12 0:43:10 0:43:08 0:43:06 0:43:04
ONE WAY LIGHT TIME 0:21:36 0:21:35 0:21:34 0:21:33 0:21:32

DSS 14 VIEW + ALLOC

DSS 24 VIEW + ALLOC

DSS 25 VIEW + ALLOC

DSS 32 VIEW + ALLOC

DSS 34 VIEW + ALLOC
0815 0900 <34> 1735

DSS 43 VIEW + ALLOC

DSS 45 VIEW + ALLOC
0230 0300 <45> 0920

DSS 46 VIEW + ALLOC

DSS 54 VIEW + ALLOC

DSS 63 VIEW + ALLOC

DSS 75 VIEW + ALLOC

POWER CONFLICTS ?

o UPLINK
STATION + XFERS 0930 ON 34 1100

CMD MOD 0936 1055 CMD 34

RANGING X:
COHERENCY X: 1013 XCOH 1143
SAMPLING X:

o DOWNLINK 0310 0448 1732
X: 0.90 / --- 1.25 / --- 0.90 / --- 0.90 / ---
BIT RATE: 512 4096 1:3 1024 512
0310 0448 1732

PLAYBACK / RECORD
REC 0300
1735 REC

SPACECRAFT EVENTS
STANDBY 0300
0321 PLBK 0440

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

SATURDAY, JANUARY 27, 2007 (027)

WEEK 4

Ulysses SFOS

Created: 11 Jan. 2007

UTC: D028 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 D029

ROUND TRIP LIGHT TIME 0:43:04 0:43:02 0:43:02 0:43:00 0:42:58
ONE WAY LIGHT TIME 0:21:32 0:21:31 0:21:31 0:21:30 0:21:29

DSS 14 VIEW + ALLOC

DSS 24 VIEW + ALLOC

DSS 25 VIEW + ALLOC

DSS 32 VIEW + ALLOC

DSS 34 VIEW + ALLOC 0815 0900 <34> 1635

DSS 43 VIEW + ALLOC

DSS 45 VIEW + ALLOC 0325 0355 <45> 0920

DSS 46 VIEW + ALLOC

DSS 54 VIEW + ALLOC

DSS 63 VIEW + ALLOC

DSS 75 VIEW + ALLOC

POWER CONFLICTS ?

o UPLINK
STATION + XFERS 0930 ON 34 1130

CMD MOD 0936 CMD 34 1125

RANGING X:
COHERENCY X: 1013 XCOH 1213
SAMPLING X:

o DOWNLINK 0403 0607 1630
X: 0.90 / --- 1.25 / --- 0.90 / --- 0.90 / ---
BIT RATE: 512 4096 1:3 1024 512
0403 0607 1630

PLAYBACK / RECORD
REC 0355 1634 REC
STANDBY 0355

SPACECRAFT EVENTS

0416 PLBK 0600

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

WEEK 4

Ulysses SFOS

Created: 11 Jan. 2007

UTC: D029 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 D030

ROUND TRIP LIGHT TIME 0:42:58
ONE WAY LIGHT TIME 0:21:29

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
REC 2021

SPACECRAFT EVENTS

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, JANUARY 29, 2007 (029)