

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: May 7, 2003

For the Period: 05/08/03 to 05/25/03 (03-128 - 03-145)

DSN OPSCHIEF (1) 230-102

DSOT (3) 230-102

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- Massey, K. Goldstone/DSCC/61
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- * Karen.E.Yetter@jpl.nasa.gov

FLIGHT TEAM (26) 600-100

- AACS (1) (Medina)
- DSE (3) (Presley)
- Hall, J.
- Hogle, T. (2)
- Howard, S. (3)
- Ludwig, R. (2)
- Massey, Ed
- Matsumoto, S.
- Poynter, R.
- Weeks, T.
- Weiss, C
- Wong, R. (8)
- Zottarelli, L.
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NOPES (1) 507-120
Millner, I

- 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
 - D = Downlink only pass
 - A = Arrayed station
 - U = Uplink only pass
 - B = BLF
 - [o] = Ramp-through
 - H = High Power Transmitter
 - T = TLC Uplink

*Electronic Copy Only
(34 – Dist/N: Paper Copies)
03/27/2003

ISSUE DATE: 05/07/03 - 09:07

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
MAY 8, 2003
128-129

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

RTLT : 24h 15m 2s

1200 RTLT=24h 15m 4s

0000 RTLT=24h 15m 6s

VOYAGER 1

TLC (SHORT-FORM)

D/L 0228

FDSSL : 11AF

S/C 31 STATUS

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -22.366 sec

ROLLREF = RIGIL
KENTAURUS

CCSL : A047
TWNC : ON
SB : OFF XB : HIGH
PYR : .05/ .10/ .25
GYROS : BC ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31

26 [D]

1450

2130

65 [D]

DSN COVERAGE
HPTXR

32

1200

45 [D]

2205

HPTXR

RTLT : 19h 19m 38s

1200 RTLT=19h 19m 36s

0000 RTLT=19h 19m 34s

VOYAGER 2

S/C 32 STATUS

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -2:32.465 min

ROLLREF = VEGA

FDSSL : 11AF

CCSL : B119
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

VOYAGER 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

ISSUE DATE: 05/07/03 - 09:07

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

<p>FRIDAY MAY 9, 2003 129-130</p>	
<p>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</p> <p>RTLTL : 24h 15m 6s</p> <p>VOYAGER 1</p> <p>FDSL : 11AF</p> <p>CCSL : A047 TWNC : ON SB : OFF XB : HIGH PYR : .05/ .10/ .25 GYROS : BC ON</p> <p>FDS MODE XB DATA RATE (MI)</p>	<p>1200 RTLTL=24h 15m 8s</p> <p>0000 RTLTL=24h 15m 10s</p> <p>↓ 0842 AAI 0845 ----- MAGROL ----- 1441</p> <p>↓ 1434 RAI ↓ 1441 CRU ↓ 1441 GYROS OFF</p> <p>2035 2049 TAPPOS</p> <p>0145 0145 TAPPOS</p> <p>2338 2339 PWS/RH</p> <p>2338 GS-4B 2339</p> <p>CR-5T 160 (32)</p> <p>CR-5T 160(32)</p>
<p>31</p> <p>DSN COVERAGE</p> <p>HPTXR</p> <p>32</p> <p>HPTXR</p>	<p>0720 65 [D]</p> <p>----- 15 [D] ----- 0745- 1515</p> <p>1710 ----- 45 [D] ----- 0235</p> <p>1115 ----- 34 [D] ----- 1620</p>
<p>RTLTL : 19h 19m 34s</p> <p>VOYAGER 2</p> <p>FDSL : 11AF</p> <p>CCSL : B119 TWNC : ON SB : OFF XB : LOW PYR : .05/ .10/ .25 GYROS : OFF</p> <p>FDS MODE XB DATA RATE (MI)</p>	<p>1200 RTLTL=19h 19m 32s</p> <p>0000 RTLTL=19h 19m 30s</p> <p>CR-5T 160 (32)</p>
<p>VOYAGER COVERAGE</p>	<p>ON CALL ----- VGR ----- ----- ON CALL ----- </p>
<p>NOTES</p>	<p>[1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (0845-1441) [2] S/C 31=GS-4B @ 2338 XB=2.8K(41) NOT RECOVERABLE</p>

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

ISSUE DATE: 05/07/03 - 09:07

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
MAY 10, 2003
130-131

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

RTLTL : 24h 15m 10s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A047
 TWNC : ON
 SB : OFF XB : HIGH
 PYR : .05/ .10/ .25
 GYROS : OFF

↓ 1108 SLEW->HELIO-11B

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

31 ----- 24 [D] ----- | 1200
 2130 |----- 63 [D] -----| 0040
 0330 |----- 65 [D] -----|

HPTXR

DSN COVERAGE

32 1000 |---- 43 [D] ----| 1230
 1215 |----- 34 [D] -----| 0000

HPTXR

RTLTL : 19h 19m 30s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B119
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLTL=19h 19m 28s
 0000 RTLTL=19h 19m 24s

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

VOYAGER 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

ISSUE DATE: 05/07/03 - 09:07

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
MAY 11, 2003
131-132

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

RTLT : 24h 15m 14s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A047
 TWNC : ON
 SB : OFF XB : HIGH
 PYR : .05/ .10/ .25
 GYROS : OFF

↓ 1108 SLEW->HELIO-12B

1200 RTLT=24h 15m 16s
 0000 RTLT=24h 15m 18s

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

31 | 0715 65 [D] | 0100 |----- 65 [D] |-----
 |----- 15 [D] |----- | 0720 - 1505 |----- 25 [D] 0650 |
 HPTXR |----- 2125 |----- 63 [D] |----- | 0040 |-----
 DSN COVERAGE

32 |----- 1035 |----- 45 [D] |----- | 1335 |-----
 |----- 1330 |----- 34 [o] |----- | 2145 |-----
 HPTXR

RTLT : 19h 19m 24s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B119
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=19h 19m 22s
 0000 RTLT=19h 19m 20s

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

VOYAGER 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

ISSUE DATE: 05/07/03 - 09:07

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
MAY 12, 2003
132-133

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

RTLT : 24h 15m 18s

1200 RTLT=24h 15m 22s

0000 RTLT=24h 15m 24s

VOYAGER 1

↓ 1108 SLEW->HELIO-13B

FDSL : 11AF

U/L 0000 | - | - - - - - TLC SHORT-FORM - - - - -

CCSL : A047
TWNC : ON
SB : OFF XB : HIGH
PYR : .05/ .10/ .25
GYROS : OFF

▼ 2130 DUMMY (21:45)

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31 | 0710 65 [D]

0430 | - - - - - 26 [D] - - - - -

- - - - - 25 [D] - - - - - | 1425

2000 | - - - - - 63 [T] - - - - - | 0040

DSN COVERAGE
HPTXR

32

1215 | - - - - - 34 [D] - - - - - | 2145

HPTXR

RTLT : 19h 19m 20s

1200 RTLT=19h 19m 18s

0000 RTLT=19h 19m 16s

VOYAGER 2

↓ 1922 BEGIN SEQUENCE B120

FDSL : 11AF

CCSL : B119
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

VOYAGER COVERAGE

- - - - - ON CALL - - - - -

+ - VGR - +

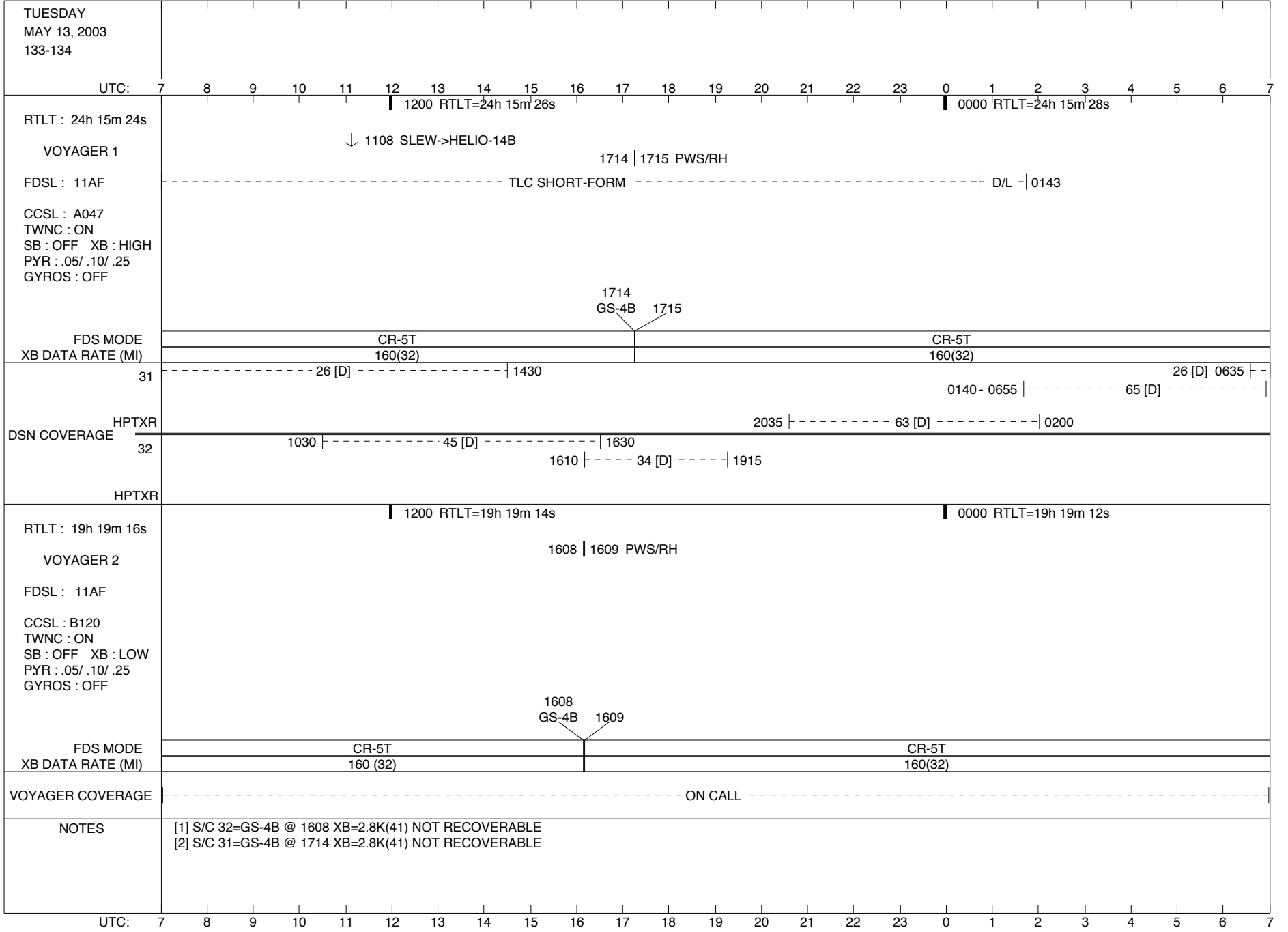
- - - - - ON CALL - - - - -

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

ISSUE DATE: 05/07/03 - 09:07

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



ISSUE DATE: 05/07/03 - 09:07

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
MAY 14, 2003
134-135

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

RTLT : 24h 15m 28s

1200 RTLT=24h 15m 30s

0000 RTLT=24h 15m 34s

VOYAGER 1

↓ 1108 SLEW->HELIO-15B

FDSL : 11AF

CCSL : A047
TWNC : ON
SB : OFF XB : HIGH
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 ----- 26 [D] ----- | 1420

0010 |----- 54 [D] ----- | 0525 |----- 26 [D] ----- | 0530

1955 |----- 63 [D] ----- | 0030

DSN COVERAGE HPTXR

32 1230 |----- 45 [D] ----- | 2345

HPTXR

RTLT : 19h 19m 12s

1200 RTLT=19h 19m 10s

0000 RTLT=19h 19m 8s

VOYAGER 2

FDSL : 11AF

CCSL : B120
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER 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

ISSUE DATE: 05/07/03 - 09:07

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
MAY 15, 2003
135-136

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

RTLT : 24h 15m 34s

1200 RTLT=24h 15m 36s

0000 RTLT=24h 15m 38s

VOYAGER 1

↓ 1108 SLEW->HELIO-16B

FDSL : 11AF

↓ 1539 X/B LOW POWER

↓ 1543 BAY 1 HTR ON

CCSL : A047
TWNC : ON
SB : OFF XB : HIGH
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

26 [D] -----| 1415

2215 |-----54 [D] -----| 0145

0345 |-----15 [D] -----

DSN COVERAGE
HPTXR

32

1610 |-----45 [D] -----| 0210

HPTXR

RTLT : 19h 19m 8s

1200 RTLT=19h 19m 6s

0000 RTLT=19h 19m 6s

VOYAGER 2

FDSL : 11AF

CCSL : B120
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER 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

ISSUE DATE: 05/07/03 - 09:07

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
MAY 16, 2003
136-137

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

RTLT : 24h 15m 38s

VOYAGER 1

FDSL : 11AF

CCSL : A047
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31 15 [D] -| 0820

1025 |----- 25 [D] -----| 1415

0410 |----- 25 [D] -----

DSN COVERAGE
HPTXR

32

1015 |----- 43 [B] -----| 1815

1755 |----- 34 [D] -----| 0040

HPTXR

RTLT : 19h 19m 6s

VOYAGER 2

FDSL : 11AF

CCSL : B120
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

1200 RTLT=19h 19m 4s

0000 RTLT=19h 19m 2s

▼ 1622 DUMMY (5 MIN BRACKETED 11:22)

VOYAGER COVERAGE

----- ON CALL ----- +--- VGR ---+ ----- ON CALL -----

NOTES

[1] S/C 31=GS-4B @ 2314 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

ISSUE DATE: 05/07/03 - 09:07

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
MAY 17, 2003
137-138

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

RTLT : 24h 15m 44s

1200 RTLT=24h 15m 46s

0000 RTLT=24h 15m 50s

VOYAGER 1

↓ 1108 SLEW->HELIO-18B

FDSL : 11AF

CCSL : A047
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 25 [D] | 0815 0945 |----- 26 [D] -----| 1410 1420 |----- 45 [D] -----| 1910 1940 |----- 63 [D] -----| 0125 0410 |----- 26 [D] -----

HPTXR

DSN COVERAGE

32 1055 |----- 34 [o] -----| 2350 2330 |----- 45 [D] -----| 0205

HPTXR

RTLT : 19h 19m 2s

1200 RTLT=19h 19m 0s

0000 RTLT=19h 18m 58s

VOYAGER 2

FDSL : 11AF

CCSL : B120
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER 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

ISSUE DATE: 05/07/03 - 09:07

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
MAY 18, 2003
138-139

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

RTLT : 24h 15m 50s

1200 RTLT=24h 15m 52s

0000 RTLT=24h 15m 56s

VOYAGER 1

↓ 1109 SLEW->HELIO-19B

FDSL : 11AF

CCSL : A047
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

-----26 [D]-----|1400

0420 |----26 [D]----

DSN COVERAGE
HPTXR

32

0930 |-----43 [D]-----|1500

1440 |-----34 [D]-----|2245

HPTXR

RTLT : 19h 18m 58s

1200 RTLT=19h 18m 56s

0000 RTLT=19h 18m 54s

VOYAGER 2

FDSL : 11AF

CCSL : B120
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER 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

ISSUE DATE: 05/07/03 - 09:07

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
MAY 19, 2003
139-140

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

RTLT : 24h 15m 56s

1200 RTLT=24h 15m 58s

0000 RTLT=24h 16m 2s

VOYAGER 1

↓ 1109 SLEW->HELIO-20B

FDSL : 11AF

U/L 0000 | - | - - - - - TLC SHORT-FORM - - - - -

CCSL : A047
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

▼ 2145 DUMMY (22:01)

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 - - - - - 26 [D] - - - - - | 1400

1935 | - - - - - 63 [T] - - - - - | 0025

0525 | - - 25 [D] - -

0005 | - - - - - 65 [D] - - - - - | 0545

DSN COVERAGE
HPTXR

32 0925 | - - - - - 43 [D] - - - - - | 1500

HPTXR

RTLT : 19h 18m 54s

1200 RTLT=19h 18m 54s

0000 RTLT=19h 18m 52s

VOYAGER 2

FDSL : 11AF

CCSL : B120
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER COVERAGE

- - - - - ON CALL - - - - - | - VGR - | - - - - - ON CALL - - - - -

NOTES

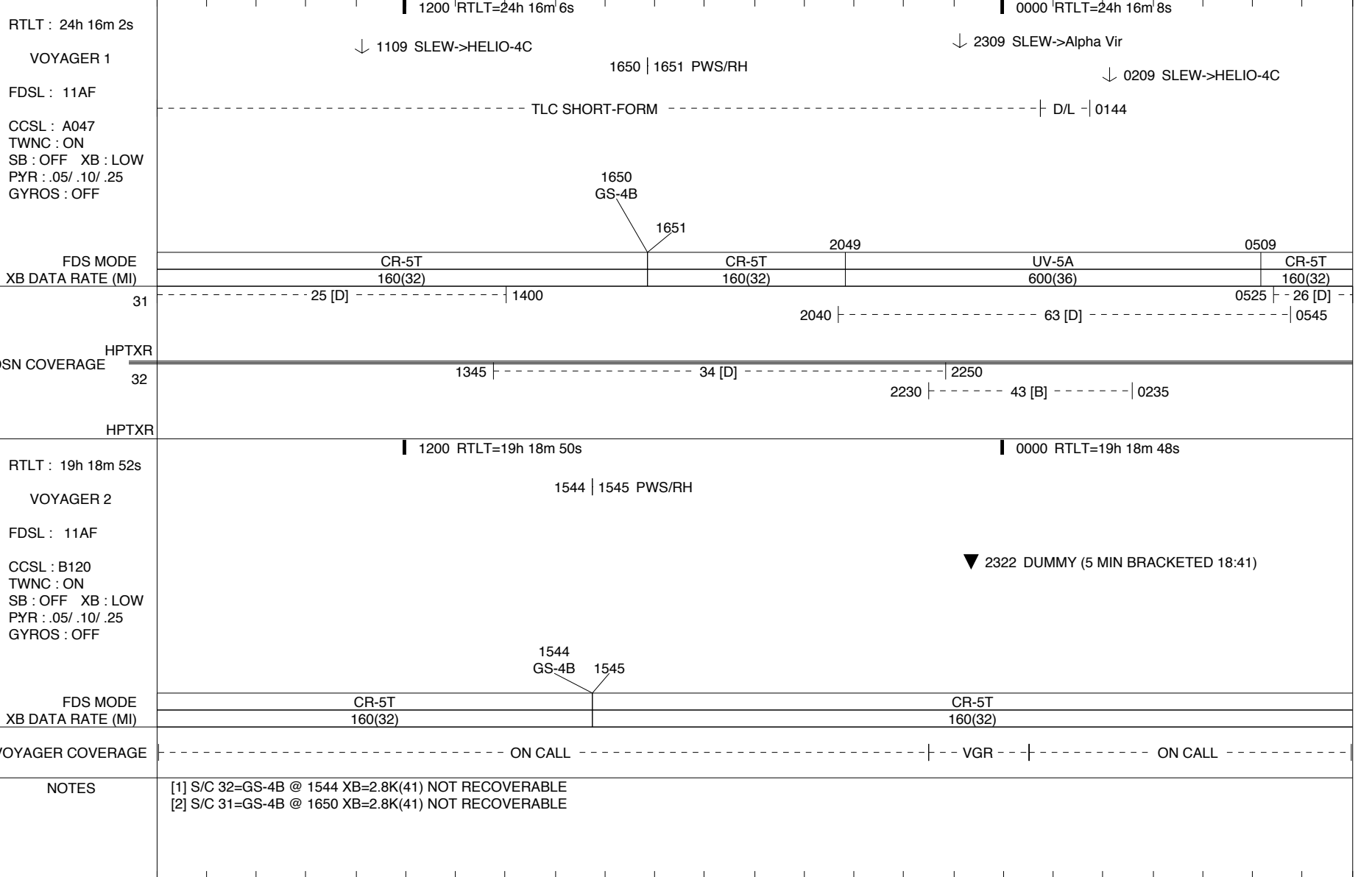
UTC: 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 0 1 2 3 4 5 6 7

ISSUE DATE: 05/07/03 - 09:07

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
MAY 20, 2003
140-141

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: 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

ISSUE DATE: 05/07/03 - 09:07

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
MAY 21, 2003
141-142

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

RTLT : 24h 16m 8s

1200 RTLT=24h 16m 12s

0000 RTLT=24h 16m 14s

VOYAGER 1

FDSL : 11AF

CCSL : A047
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

-----26 [D]-----|1355

0320 |-----15 [D]-----

DSN COVERAGE
HPTXR

32

1830 |-----45 [D]-----|2345

HPTXR

RTLT : 19h 18m 48s

1200 RTLT=19h 18m 48s

0000 RTLT=19h 18m 46s

VOYAGER 2

FDSL : 11AF

CCSL : B120
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER 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

ISSUE DATE: 05/07/03 - 09:07

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
MAY 22, 2003
142-143

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

RTLTL : 24h 16m 14s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A047
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

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

1200 RTLTL=24h 16m 18s 0000 RTLTL=24h 16m 22s

31 ----- 15 [D] ----- 1420 ----- 26 [D] 0605 -----
 0035 - 0625 |----- 65 [D] -----|

DSN COVERAGE HPTXR
 32 ----- 1015 |----- 34 [D] -----| 1755
 HPTXR

RTLTL : 19h 18m 46s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B120
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

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

VOYAGER COVERAGE ----- ON CALL -----

1200 RTLTL=19h 18m 44s 0000 RTLTL=19h 18m 44s

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

ISSUE DATE: 05/07/03 - 09:07

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
MAY 23, 2003
143-144

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

RTLTL : 24h 16m 22s

1200 RTLTL=24h 16m 26s

0000 RTLTL=24h 16m 28s

2250 | 2251 PWS/RH

VOYAGER 1

FDSL : 11AF

1948 | 2001 TAPPOS

0058 | 0058 TAPPOS

CCSL : A047
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

2250
GS-4B 2251

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31 ----- 26 [D] ----- | 1245

2005 | ----- 65 [D] ----- | 0410

0350 | ----- 26 [D] -----

DSN COVERAGE
HPTXR

32 1200 | ----- 34 [D] ----- | 2150

HPTXR

RTLTL : 19h 18m 44s

1200 RTLTL=19h 18m 42s

0000 RTLTL=19h 18m 42s

VOYAGER 2

FDSL : 11AF

CCSL : B120
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

VOYAGER COVERAGE

----- ON CALL -----

NOTES

[1] S/C 31=GS-4B @ 2250 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

ISSUE DATE: 05/07/03 - 09:07

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
MAY 24, 2003
144-145

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

RTLT : 24h 16m 28s

1200 RTLT=24h 16m 32s

0000 RTLT=24h 16m 36s

VOYAGER 1

FDSL : 11AF

CCSL : A047
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

26 [D] ----- 1345

0340 ----- 26 [D] -----

DSN COVERAGE
HPTXR

32

1850 ----- 45 [D] ----- 0140

HPTXR

RTLT : 19h 18m 42s

1200 RTLT=19h 18m 40s

0000 RTLT=19h 18m 40s

VOYAGER 2

FDSL : 11AF

CCSL : B120
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER 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

ISSUE DATE: 05/07/03 - 09:07

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
MAY 25, 2003
145-146

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

RTLTL : 24h 16m 36s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A047
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

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

1200 | RTLTL=24h 16m 40s | 0000 | RTLTL=24h 16m 44s

31 -----26 [D] ----- | 1340 | 2145 | --- 63 [D] --- | 0005

DSN COVERAGE HPTXR
 32 | 1115 | -----45 [D] ----- | 0135
 HPTXR

RTLTL : 19h 18m 40s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B120
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

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

1200 | RTLTL=19h 18m 38s | 0000 | RTLTL=19h 18m 38s

VOYAGER 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