

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: July 9, 2003

For the Period: 07/10/03 to 07/27/03 (03-191 - 03-208)

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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
 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
 (26 – Dist/N: Paper Copies)
 7/03/03

ISSUE DATE: 07/09/03 - 09:59

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
JULY 10, 2003
191-192

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 26m 26s

1200 RTLT=24h 26m 34s

0000 RTLT=24h 26m 44s

VOYAGER 1

S/C 31 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -22.285 sec

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

ROLLREF = RIGIL
KENTAURUS

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31

0035 |----- 26 [D] -----

HPTXR

----- 26 [D] ----- | 1040

1700 |----- 65 [D] ----- | 2245

DSN COVERAGE

32

----- 45 [D] ----- | 1345

45 [D] 0625 |-----

HPTXR

RTLT : 19h 20m 52s

1200 RTLT=19h 20m 56s

0000 RTLT=19h 21m 0s

VOYAGER 2

S/C 32 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -2:40.167 min

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

ROLLREF = VEGA

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: 07/09/03 - 09:59

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
JULY 11, 2003
192-193

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 26m 44s

1200 RTLTL=24h 26m 52s

0000 RTLTL=24h 27m 2s

VOYAGER 1

FDSL : 11AF

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

1705 | 1720 TAPPOS

2215 | 2215 TAPPOS

2008
GS-4B 2008

FDS MODE
XB DATA RATE (MI)

CR-5T
160 (32)

CR-5T
160(32)

31 ----- 26 [D] ----- | 1030

1720 | ----- 65 [D] ----- | 2130

0030 | ----- 25 [D] -----

DSN COVERAGE
HPTXR

32 ----- 45 [D] ----- | 0950
0940 | ----- 34 [D] ----- | 1915

HPTXR

RTLTL : 19h 21m 0s

1200 RTLTL=19h 21m 4s

0000 RTLTL=19h 21m 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

[1] S/C 31=GS-4B @ 2008 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: 07/09/03 - 09:59

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
JULY 12, 2003
193-194

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 27m 2s

1200 RTLTL=24h 27m 10s

0000 RTLTL=24h 27m 20s

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 ----- 25 [D] ----- | 1030

1650 |----- 65 [D] ----- | 0300

0240 - 0635 |----- 24 [D] ----- |

DSN COVERAGE
HPTXR

32 |----- 43 [o] ----- | 0705 - 1450

45 [D] 0625 |-----

HPTXR

RTLTL : 19h 21m 8s

1200 RTLTL=19h 21m 14s

0000 RTLTL=19h 21m 18s

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: 07/09/03 - 09:59

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
JULY 13, 2003
194-195

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 27m 20s

1200 RTLT=24h 27m 30s

0000 RTLT=24h 27m 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)

31

1655

63 [D]

2045

0025

26 [D]

DSN COVERAGE
HPTXR

32

45 [D] 1045

1400

34 [D]

2155

34 [D] 0645

HPTXR

RTLT : 19h 21m 18s

1200 RTLT=19h 21m 22s

0000 RTLT=19h 21m 28s

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: 07/09/03 - 09:59

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
JULY 14, 2003
195-196

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 27m 38s

1200 RTLTL=24h 27m 48s

0000 RTLTL=24h 27m 58s

↓ 2123 BEGIN SEQUENCE A048

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] -| 0820 0155 |----- 25 [D] -----
0800 |----- 45 [D] -----| 1410 1700 |----- 63 [D] -----| 0130

HPTXR
DSN COVERAGE

32 ----- 34 [D] -----| 1245 43 [D] 0630 |-----

HPTXR

RTLTL : 19h 21m 28s

1200 RTLTL=19h 21m 32s

0000 RTLTL=19h 21m 36s

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: 07/09/03 - 09:59

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
JULY 15, 2003
196-197

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 27m 58s
VOYAGER 1
FDSL : 11AF
CCSL : A048
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLT=24h 28m 6s
0000 RTLT=24h 28m 16s

1344 | 1345 PWS/RH

▼ 1645 DUMMY (17:13)
U/L 1915 | - | - - - - - TLC (SHORT-FORM) - - - - -

1344 GS-4B 1345

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

DSN COVERAGE HPTXR

31 - - - - - 25 [D] - - - - - | 1015 1545 | - - - - - 63 - - - - - | 2250

32 - - - - - 43 [D] - - - - - | 1110 1430 | - - - - - 34 [D] - - - - - | 2145

HPTXR

RTLT : 19h 21m 36s
VOYAGER 2
FDSL : 11AF
CCSL : B120
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLT=19h 21m 42s
0000 RTLT=19h 21m 46s

1234 | 1234 PWS/RH

1234 GS-4B 1234

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

VOYAGER COVERAGE - - - - - ON CALL - - - - - | - VGR - | - - - - - ON CALL - - - - - |

NOTES
[1] S/C 32=GS-4B @ 1234 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 1344 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: 07/09/03 - 09:59

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
JULY 16, 2003
197-198

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 28m 16s

1200 RTLT=24h 28m 26s

0000 RTLT=24h 28m 36s

VOYAGER 1

↓ 1815 SLEW->HELIO-1A

FDSL : 11AF

CCSL : A048
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

----- TLC (SHORT-FORM) ----- | D/L | 2111

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

|----- 45 [D] -----| 0745 - 1250

1600 |----- 63 [D] -----| 2115

0150 |----- 25 [D] -----|

DSN COVERAGE
HPTXR

32

0830 |----- 34 [D] -----| 1230

1900 |----- 34 [D] -----| 2140

45 [D] 0605 |-----|

HPTXR

1200 RTLT=19h 21m 52s

0000 RTLT=19h 21m 56s

RTLT : 19h 21m 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: 07/09/03 - 09:59

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
JULY 17, 2003
198-199

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 28m 36s

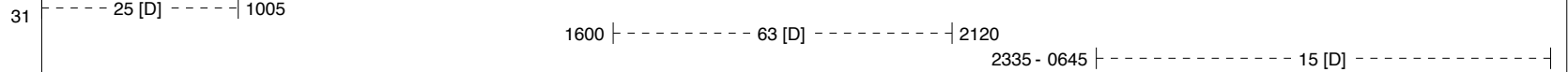
VOYAGER 1

FDSL : 11AF

CCSL : A048
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)



DSN COVERAGE



HPTXR

RTLT : 19h 21m 56s

VOYAGER 2

FDSL : 11AF

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

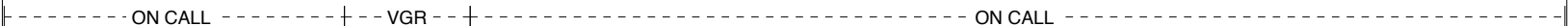
FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)



▼ 1322 DUMMY (5 MIN BRACKETED 0845)

VOYAGER 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

ISSUE DATE: 07/09/03 - 09:59

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
JULY 19, 2003
200-201

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 29m 14s

1200 RTLT=24h 29m 24s

0000 RTLT=24h 29m 34s

VOYAGER 1

↓ 1815 SLEW->HELIO-4A

FDSL : 11AF

CCSL : A048
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 -- 24 [D] -- | 0845 0000 |----- 26 [D] ----- | 0510

0820 |----- 45 [D] ----- | 1305

1530 |----- 63 [D] ----- | 2110

HPTXR
DSN COVERAGE

32 ----- 34 [D] ----- | 1145

45 [D] 0625 |-----

HPTXR

RTLT : 19h 22m 18s

1200 RTLT=19h 22m 22s

0000 RTLT=19h 22m 28s

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: 07/09/03 - 09:59

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
JULY 20, 2003
201-202

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 29m 34s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A048
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=24h 29m 44s
 0000 RTLT=24h 29m 54s

↓ 1816 SLEW->HELIO-5A

FDS MODE
 XB DATA RATE (MI)

CR-5T
 160(32)

31
 1530 |-----63 [D]-----| 2020
 2355 |-----26 [D]-----|

DSN COVERAGE HPTXR
 32 |-----45 [D]-----| 1030
 0550 | 45 [D] |

HPTXR

RTLT : 19h 22m 28s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B120
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=19h 22m 34s
 0000 RTLT=19h 22m 40s

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: 07/09/03 - 09:59

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
JULY 21, 2003
202-203

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 29m 54s

1200 RTLT=24h 30m 2s

0000 RTLT=24h 30m 12s

VOYAGER 1

↓ 1816 SLEW->HELIO-6A

FDSL : 11AF

CCSL : A048
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

0145 |-----25 [D]-----

--- 26 [D] ---|0915

DSN COVERAGE
HPTXR

32

-----45 [D]-----|1310

1500 |-----34 [D]-----|2120

43 [B] 0645 |

HPTXR

RTLT : 19h 22m 40s

1200 RTLT=19h 22m 46s

0000 RTLT=19h 22m 50s

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: 07/09/03 - 09:59

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
JULY 22, 2003
203-204

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 30m 12s

1200 RTLTL=24h 30m 22s | 0000 RTLTL=24h 30m 32s

VOYAGER 1

1321 | 1322 PWS/RH

↓ 1816 SLEW->HELIO-7A

FDSL : 11AF

0537 | PLSCAL
MAGCAL 0537 | -----
0537 | PESCAL

CCSL : A048
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1321
GS-4B 1322

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

CR-5T

160(32)

31

----- 25 [D] ----- | 0950

1515 | ----- 63 [D] ----- | 2100

0500 | -- 26 [D] --

0205 | ----- 14 [D] ----- | 0520

DSN COVERAGE
HPTXR

32

----- 43 [B] ----- | 1405

34 [D] 0610 | -----

HPTXR

RTLTL : 19h 22m 50s

1200 RTLTL=19h 22m 56s

0000 RTLTL=19h 23m 2s

VOYAGER 2

1210 | 1211 PWS/RH

FDSL : 11AF

▼ 1322 DUMMY (5 MIN BRACKETED 08:46)

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

1210
GS-4B 1211

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

CR-5T

160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 32=GS-4B @ 1210 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 1321 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: 07/09/03 - 09:59

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
JULY 23, 2003
204-205

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 30m 32s

1200 RTLTL=24h 30m 44s

0000 RTLTL=24h 30m 54s

VOYAGER 1

↓ 1816 SLEW->HELIO-8A

FDSL : 11AF

0719 PLSCAL

MAGCAL 0839

U/L 1800 |----- TLC (SHORT-FORM) -----

CCSL : A048

PESCAL - 0857

TWNC : ON

SB : OFF XB : LOW

PYR : .05/ .10/ .25

GYROS : OFF

▼ 1730 DUMMY (18:01)

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 --- 26 [D] --- 0945

1615 |----- 63 -----| 2025

2345 |----- 26 [D] -----

HPTXR
DSN COVERAGE

32 ----- 34 [D] -----| 2110

0540 | 45 [D] -

HPTXR

RTLTL : 19h 23m 2s

1200 RTLTL=19h 23m 8s

0000 RTLTL=19h 23m 14s

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: 07/09/03 - 09:59

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
JULY 24, 2003
205-206

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 30m 54s

1200 RTLTL=24h 31m 4s

0000 RTLTL=24h 31m 14s

VOYAGER 1

↓ 1816 SLEW->PARK

FDSL : 11AF

----- TLC (SHORT-FORM) ----- + D/L -| 1959

CCSL : A048
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1620 | 1634 TAPPOS

2129 | 2130 TAPPOS

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

26 [D] -----| 0940

1015 |-----

43 [D] -----| 1540

1600 |-----

63 [D] -----| 2000

2335 |-----

25 [D] -----

DSN COVERAGE

HPTXR

32

45 [D] -----| 1310

0500 |----- 43 [D] -----

HPTXR

RTLTL : 19h 23m 14s

1200 RTLTL=19h 23m 20s

0000 RTLTL=19h 23m 26s

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: 07/09/03 - 09:59

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
JULY 25, 2003
206-207

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 31m 14s

1200 RTLTL=24h 31m 24s

0000 RTLTL=24h 31m 34s

VOYAGER 1

1922 || 1923 PWS/RH

FDSL : 11AF

CCSL : A048
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1922
GS-4B 1923

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31 --- 25 [D] --- | 0935

1620 | ----- 65 [D] ----- | 2000

0145 | ----- 25 [D] -----

DSN COVERAGE
HPTXR

32 --- 43 [D] --- | 0950

1305 | ----- 34 [D] ----- | 2105

HPTXR

RTLTL : 19h 23m 26s

1200 RTLTL=19h 23m 32s

0000 RTLTL=19h 23m 38s

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 @ 1922 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: 07/09/03 - 09:59

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
JULY 26, 2003
207-208

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 31m 34s

1200 RTLT=24h 31m 44s

0000 RTLT=24h 31m 54s

VOYAGER 1

FDSL : 11AF

CCSL : A048
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] --- | 0930

1555 |----- 65 [D] ----- | 2040

2355 - 0610 |----- 14 [D] ----- |

DSN COVERAGE
HPTXR

32 |----- 34 [D] ----- | 0705 - 1215

43 [D] 0615 |-----

HPTXR

RTLT : 19h 23m 38s

1200 RTLT=19h 23m 44s

0000 RTLT=19h 23m 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 -----

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: 07/09/03 - 09:59

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
JULY 27, 2003
208-209

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 31m 54s

1200 RTLT=24h 32m 6s

0000 RTLT=24h 32m 16s

VOYAGER 1

FDSL : 11AF

CCSL : A048
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

0945 |--- 34 [D] ---| 1200

1915 |----- 63 [D] -----| 2250

0340 |----- 24 [D] -----|

2230 |----- 14 [D] -----| 0400

DSN COVERAGE
HPTXR

32

----- 43 [D] -----| 1325

1530 |----- 45 [D] -----| 2120

0525 |--- 45 [D] ---|

HPTXR

RTLT : 19h 23m 52s

1200 RTLT=19h 23m 58s

0000 RTLT=19h 24m 4s

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