

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: August 27, 2003

For the Period: 08/28/03 to 09/14/03 (03-240 - 03-257)

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

ISSUE DATE: 08/27/03 - 09:15

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
AUGUST 28, 2003
240-241

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 43m 56s

1200 RTLT=24h 44m 8s

0000 RTLT=24h 44m 20s

VOYAGER 1

S/C 31 STATUS
FDS CLOCK DRIFT: ADD TO S/C EVENT ERT: -22.535 sec
ROLLREF = RIGIL KENTAURUS

FDSL : 11AF

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

----- TLC (SHORT-FORM) ----- | D/L | 1853

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31

1645 |----- 63 [D] -----| 2045

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

HPTXR
DSN COVERAGE

32

0930 |----- 45 [D] -----| 1330

HPTXR

RTLT : 19h 32m 32s

1200 RTLT=19h 32m 42s

0000 RTLT=19h 32m 52s

VOYAGER 2

S/C 32 STATUS
FDS CLOCK DRIFT: ADD TO S/C EVENT ERT: -2:46.086 min
ROLLREF = VEGA

FDSL : 11AF

CCSL : B121
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: 08/27/03 - 09:15

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
AUGUST 29, 2003
241-242

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 44m 20s

1200 RTLT=24h 44m 32s

0000 RTLT=24h 44m 44s

VOYAGER 1

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31 | 0720 26 [D]

1250 |----- 63 [D] -----| 1735

2115 |----- 26 [D] -----|

DSN COVERAGE
HPTXR

32

1245 |----- 45 [D] -----| 1905

0450 |--- 34 [D] ---|

HPTXR

RTLT : 19h 32m 52s

1200 RTLT=19h 33m 2s

0000 RTLT=19h 33m 12s

VOYAGER 2

FDSL : 11AF

CCSL : B121
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: 08/27/03 - 09:15

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
AUGUST 30, 2003
242-243

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 44m 44s

1200 RTLT=24h 44m 56s

0000 RTLT=24h 45m 6s

VOYAGER 1

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31 | 0715 26 [D]

1245 |----- 63 [D] -----| 1835

0030 |----- 14 [D] -----|

DSN COVERAGE
HPTXR

32 |--- 34 [D] ---| 0945

1300 |----- 34 [o] -----| 1840

34 [D] 0700

HPTXR

RTLT : 19h 33m 12s

1200 RTLT=19h 33m 22s

0000 RTLT=19h 33m 32s

VOYAGER 2

FDSL : 11AF

CCSL : B121
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: 08/27/03 - 09:15

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
AUGUST 31, 2003
243-244

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 45m 6s

1200 RTLT=24h 45m 18s

0000 RTLT=24h 45m 30s

VOYAGER 1

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31 14 [D] | 0800

1720 |----- 63 [D] -----| 0035

0015 |----- 15 [D] -----| 0505

DSN COVERAGE
HPTXR

32 ----- 34 [D] ----- | 0700 - 1840

HPTXR

RTLT : 19h 33m 32s

1200 RTLT=19h 33m 42s

0000 RTLT=19h 33m 52s

VOYAGER 2

FDSL : 11AF

CCSL : B121
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: 08/27/03 - 09:15

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
SEPTEMBER 1, 2003
244-245

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 45m 30s

1200 RTLT=24h 45m 42s

0000 RTLT=24h 45m 54s

VOYAGER 1

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

31

1235 |----- 63 [D] -----| 1855

2110 |----- 26 [D] -----| 0205

DSN COVERAGE HPTXR

32

1045 |----- 43 [D] -----| 1905

0300 |----- 45 [D] -----|

HPTXR

RTLT : 19h 33m 52s

1200 RTLT=19h 34m 2s

0000 RTLT=19h 34m 12s

VOYAGER 2

FDSL : 11AF

CCSL : B121
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160 (32)

VOYAGER COVERAGE

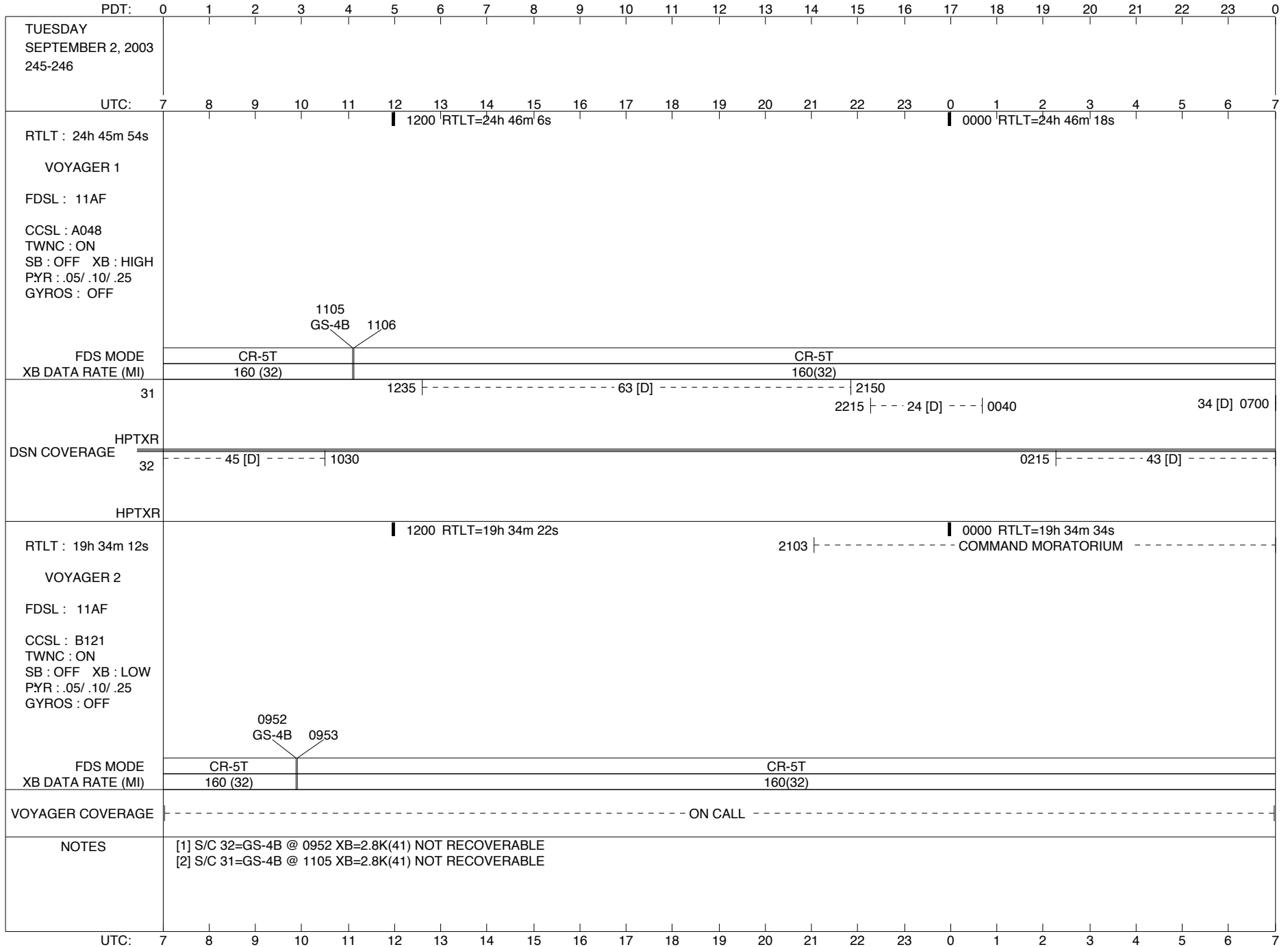
----- ON CALL -----

NOTES

JPL HOLIDAY

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: 08/27/03 - 09:15



ISSUE DATE: 08/27/03 - 09:15

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
SEPTEMBER 3, 2003
246-247

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 46m 18s

1200 RTLT=24h 46m 30s

0000 RTLT=24h 46m 42s

VOYAGER 1

FDSL : 11AF

0324 | TAPPOS - | 0515

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

HPTXR

DSN COVERAGE

32

HPTXR

RTLT : 19h 34m 34s

1200 RTLT=19h 34m 44s

0000 RTLT=19h 34m 54s

VOYAGER 2

FDSL : 11AF

↓ 1607 AC GYRO ON

CCSL : B121
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

↓ 1608 GYRO INIT

↓ 1618 GYRO FAULT TEST

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: 08/27/03 - 09:15

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
SEPTEMBER 4, 2003
247-248

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 46m 42s

1200 RTLT=24h 46m 54s

0000 RTLT=24h 47m 6s

VOYAGER 1

↓ 2359 YAW=.05

↓ 0255 YAW=.10

FDSL : 11AF

U/L 0230 |---| TLC (SHORT-FORM) ---

0424 |---| 0438 TAPPOS

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

▼ 0130 DUMMY (02:17)

0010 |---| PLAYBACK ---| 0246

0010	0246	CR-5T
	PB-14	CR-5T
	1.4K(39)	160(32)

FDS MODE
XB DATA RATE (MI)

31 1230 |----- 63 [D] -----| 1740 2345 |----- 14 [T] -----|

DSN COVERAGE HPTXR

32 |----- 34 [D] -----| 1105 0245 |----- 45 [D] -----|

HPTXR

RTLT : 19h 34m 54s

1200 RTLT=19h 35m 4s

0000 RTLT=19h 35m 14s

COMMAND MORATORIUM |----- 2033

VOYAGER 2

FDSL : 11AF

CCSL : B121
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : AC ON

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: 08/27/03 - 09:15

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
SEPTEMBER 5, 2003
248-249

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 47m 6s

1200 RTLT=24h 47m 18s 0000 RTLT=24h 47m 30s

VOYAGER 1

- ↓ 1324 GYROS BC ON
- ↓ 1325 GYRO INIT
- ↓ 1334 GYRO FAULT TEST

FDSL : 11AF

TLC (SHORT-FORM) -----| D/L -| 0445

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

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31 ---| 0740 14 [T]

1220 |----- 63 [D] -----| 1705

2055 - 0645 |----- 26 [D] -----|

DSN COVERAGE
HPTXR

32 ----- 45 [D] -----| 1020

1545 |----- 45 [D] -----| 1845

0415 |----- 34 [o] -----|

HPTXR

RTLT : 19h 35m 14s

1200 RTLT=19h 35m 26s 0000 RTLT=19h 35m 36s

VOYAGER 2

FDSL : 11AF

CCSL : B121
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : AC ON

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: 08/27/03 - 09:15

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
SEPTEMBER 6, 2003
249-250

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 47m 30s

1200 RTLT=24h 47m 42s

0000 RTLT=24h 47m 54s

VOYAGER 1

FDSL : 11AF

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

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1220 |----- 63 [D] -----| 1700

2050 |----- 26 [D] -----| 0030

0010 |--- 24 [D] ---| 0230

DSN COVERAGE
HPTXR

32

--- 34 [o] -----| 1010

1545 |--- 34 [D] ---| 1815

0240 |----- 45 [D] -----

HPTXR

RTLT : 19h 35m 36s

1200 RTLT=19h 35m 46s

0000 RTLT=19h 35m 56s

VOYAGER 2

↓ 1601 GYRO INIT

FDSL : 11AF

CCSL : B121
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : AC ON

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: 08/27/03 - 09:15

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
SEPTEMBER 7, 2003
250-251

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 47m 54s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A048
 TWNC : ON
 SB : OFF XB : HIGH
 PYR : .05/ .10 / .25
 GYROS : BC ON

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

1200 RTLT=24h 48m 6s 0000 RTLT=24h 48m 18s

31 1420 | --- 63 [D] --- | 1630
 2100 | ----- 24 [D] ----- | 0045

DSN COVERAGE HPTXR
 32 ----- 45 [D] ----- | 1010 0200 | ----- 43 [D] -----

HPTXR

RTLT : 19h 35m 56s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B121
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : AC ON

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

1200 RTLT=19h 36m 8s 0000 RTLT=19h 36m 18s

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: 08/27/03 - 09:15

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
SEPTEMBER 8, 2003
251-252

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 48m 18s

1200 RTLT=24h 48m 30s

0000 RTLT=24h 48m 42s

↓ 2200 GYRO INIT

VOYAGER 1

FDSL : 11AF

↓ 1600 MEMUPD ENA AHELI1

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

1601 | 1602 CCS MRO

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1420 |----- 63 [D] -----| 2015

2035 |----- 26 [D] -----| 0020

0000 |--- 24 [D] ---| 0205

DSN COVERAGE
HPTXR

32

--- 43 [D] --- | 0910

1530 |--- 34 [D] --- | 1805

0600 |45 [D]

HPTXR

RTLT : 19h 36m 18s

1200 RTLT=19h 36m 28s

0000 RTLT=19h 36m 40s

↓ 1601 GYRO INIT

VOYAGER 2

FDSL : 11AF

CCSL : B121
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : AC ON

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER COVERAGE

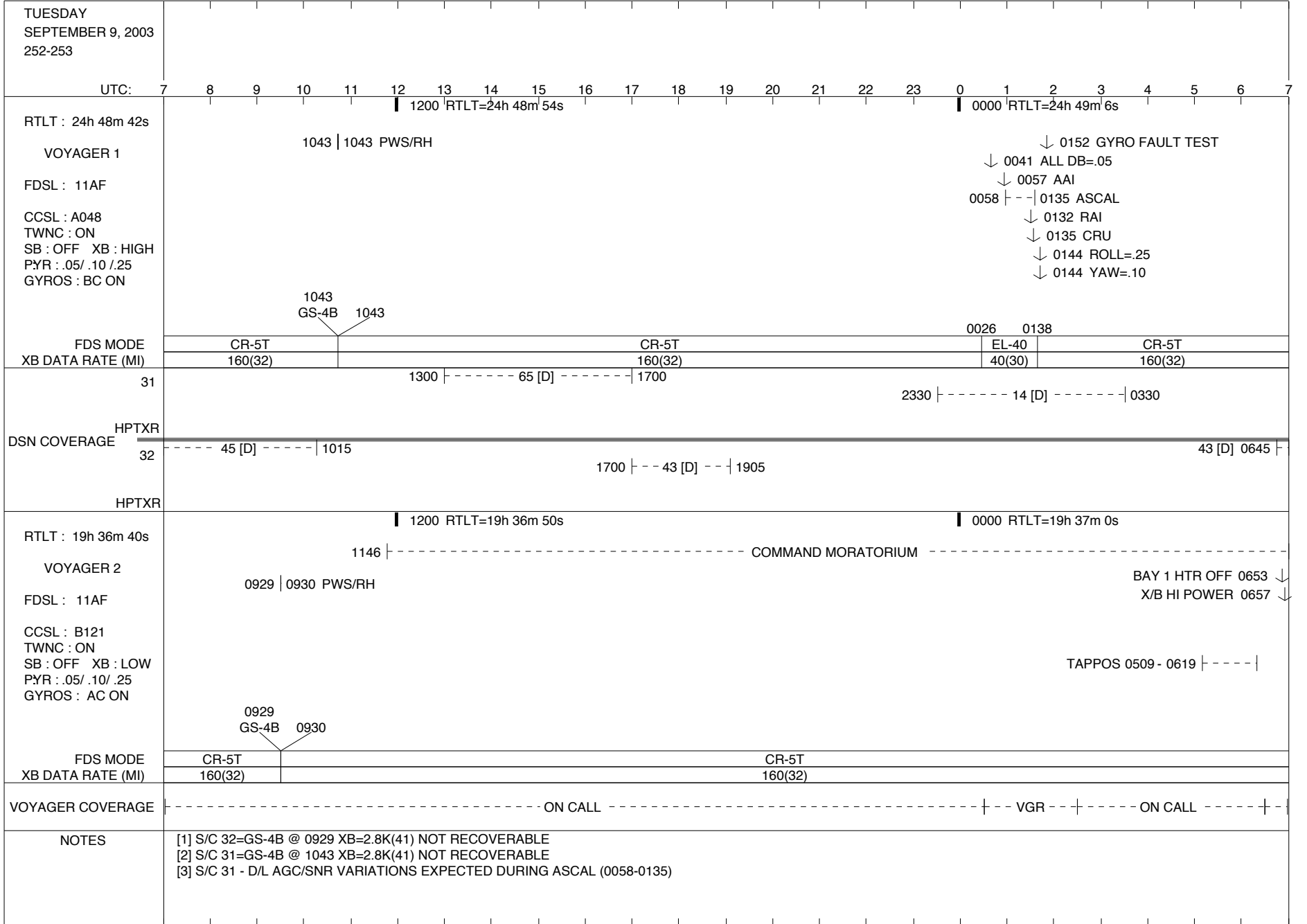
----- ON CALL ----- | VGR | ----- ON CALL -----

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: 08/27/03 - 09:15

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

ISSUE DATE: 08/27/03 - 09:15

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
 SEPTEMBER 10, 2003
 253-254

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 49m 6s

1200 RTLT=24h 49m 16s | 0000 RTLT=24h 49m 28s

VOYAGER 1

FDSL : 11AF

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

FDS MODE
 XB DATA RATE (MI)

CR-5T
 160(32)

31 | 1300 |----- 63 [D] |----- 1725

DSN COVERAGE HPTXR

32 |----- 43 [D] |----- 1640 | 0255 |----- 34 |-----

HPTXR

RTLT : 19h 37m 0s

1200 RTLT=19h 37m 12s | 0000 RTLT=19h 37m 22s

VOYAGER 2

----- COMMAND MORATORIUM -----

↓ 0753 YAW=.05 | 1451 YAW=.10

FDSL : 11AF

CCSL : B121
 TWNC : ON
 SB : OFF XB : HI
 PYR : .05 / .10 / .25
 GYROS : AC ON

TAPPOS 0625 |-----

0801 |----- PLAYBACK |----- 1437

FDS MODE
 XB DATA RATE (MI)

0801	1437	
CR-5T	PB-14 1.4K(39)	CR-5T 160(32)

VOYAGER COVERAGE

----- 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: 08/27/03 - 09:15

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
 SEPTEMBER 11, 2003
 254-255

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 49m 28s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A048
 TWNC : ON
 SB : OFF XB : HIGH
 PYR : .05 / .10 / .25
 GYROS : BC ON

1200 RTLT=24h 49m 40s
 0000 RTLT=24h 49m 52s

↓ 1630 AAI
 1633 |----- MAGROL -----| 2229
 ↓ 2221 RAI
 ↓ 2229 CRU
 ↓ 2229 GYROS OFF
 ↓ 2300 X/B LOW POWER
 ↓ 2304 BAY 1 HTR ON

FDS MODE
 XB DATA RATE (MI)

CR-5T
 160(32)

31
 1550 |----- 63 [D] -----| 2355
 2335 |----- 26 [D] -----| 0240

DSN COVERAGE HPTXR

32
 ----- 34 ----- | 1745
 0220 |----- 45 [D] -----

HPTXR

RTLT : 19h 37m 22s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B121
 TWNC : ON
 SB : OFF XB : HI
 PYR : .05 / .10 / .25
 GYROS : AC ON

1200 RTLT=19h 37m 32s
 0000 RTLT=19h 37m 44s

1203 |----- COMMAND MORATORIUM -----| 1119
 TAPPOS | 0836

FDS MODE
 XB DATA RATE (MI)

CR-5T
 160(32)

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

NOTES
 [1] S/C 31 - D/L AGC VARIATIONS EXPECTED DURING MAGROL (1633-2229)

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: 08/27/03 - 09:15

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
SEPTEMBER 12, 2003
255-256

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 49m 52s

1200 RTLTL=24h 50m 4s

0000 RTLTL=24h 50m 16s

VOYAGER 1

1643 | 1644 PWS/RH

FDSL : 11AF

1341 | TAPPOS - | 1532

1851 | TAPPOS - | 2028

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

▼ 2130 DUMMY (22:20)

1643
GS-4B 1644

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31

1500 |----- 63 [D] -----| 1945

1940 |----- 14 -----| 0105

0305 |----- 43 [D] -----|

DSN COVERAGE
HPTXR

32 ----- 45 [D] ----- | 1005

0315 |----- 45 [D] -----|

HPTXR

1200 RTLTL=19h 37m 54s

0000 RTLTL=19h 38m 6s

RTLTL : 19h 37m 44s

----- COMMAND MORATORIUM -----

VOYAGER 2

↓ 0711 GYRO INIT
↓ 0711 GYROS BC ON
↓ 0721 GYRO FAULT TEST

FDSL : 11AF

↓ 0701 GYRO FAULT TEST STOP

CCSL : B121
TWNC : ON
SB : OFF XB : HI
PYR : .05 / .10 / .25
GYROS : AC ON

0811 | 0818 CCSTIM(B)

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

VOYAGER COVERAGE

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

NOTES

[1] S/C 31=GS-4B @ 1643 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: 08/27/03 - 09:15

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
SEPTEMBER 13, 2003
256-257

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 50m 16s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A048
 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 50m 28s 0000 RTLTL=24h 50m 40s

DSN COVERAGE HPTXR
 31 ---|0735 43 [D] 1605 |----- 54 [D] -----|2120 0300 |----- 43 [D] -----
 2100 |----- 26 [D] -----|0320
 32 ----- 45 [D] -----|1000 1525 |---- 45 [D] ----|1810 0530 | - 34 [o] - -

RTLTL : 19h 38m 6s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B121
 TWNC : ON
 SB : OFF XB : HI
 PYR : .05 / .10 / .25
 GYROS : ON

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

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

1200 RTLTL=19h 38m 16s 0000 RTLTL=19h 38m 28s

COMMAND MORATORIUM - |1132

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: 08/27/03 - 09:15

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
SEPTEMBER 14, 2003
257-258

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 50m 40s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A048
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05 / .10 / .25
 GYROS : OFF

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

1200 RTLT=24h 50m 52s
 0000 RTLT=24h 51m 4s

31 43 [D] | 0810
 1500 |-----54 [D]-----| 2045
 2025 |-----15 [D]-----| 0515
 0530 | 34 [D] |

DSN COVERAGE HPTXR
 32 -----34 [o]-----| 1740
 0300 |-----45 [D]-----

HPTXR

RTLT : 19h 38m 28s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B121
 TWNC : ON
 SB : OFF XB : HI
 PYR : .05 / .10 / .25
 GYROS : ON

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

1200 RTLT=19h 38m 38s
 0000 RTLT=19h 38m 50s

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