

VOYAGER

Space Flight Operations Schedule (SFOS)

Issue Date: October 2, 2003

For the Period: 10/02/03 to 10/18/03 (03-275 - 03-291)

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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

REVISED: Issue Date: 10/3/2003 03-279 DSS49 Proficiency Track Added.

*Electronic Copy Only
 (23 – Dist/N: Paper Copies)
 9/24/03

ISSUE DATE: 10/02/03 - 06:39

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
OCTOBER 2, 2003
275-276

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 57m 36s

1200 RTLTL=24h 57m 48s

0000 RTLTL=24h 57m 58s

VOYAGER 1

S/C 31 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -22.812 sec

CCSL : A048
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

1445 |----- 54 [D] -----| 1915

2045 |----- 24 [D] -----| 0230

DSN COVERAGE
HPTXR

32

----- 34 [D] ----- | 1140

0100 |----- 45 [D] -----

HPTXR

RTLTL : 19h 45m 18s

1200 RTLTL=19h 45m 30s

0000 RTLTL=19h 45m 42s

VOYAGER 2

S/C 32 STATUS

FDSL : 11AF

FDS CLOCK DRIFT:
ADD TO S/C EVENT
ERT: -2:50.360 min

CCSL : B121
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: 10/02/03 - 06:39

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
OCTOBER 3, 2003
276-277

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 57m 58s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A048
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=24h 58m 10s
 0000 RTLT=24h 58m 20s

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

31 1500 |-----54 [D]-----| 1915
 1930 |-----26 [D]-----| 0155

HPTXR
 DSN COVERAGE 32 ---45 [D]---|0900 0405 |-----43 [D]-----

HPTXR

RTLT : 19h 45m 42s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B121
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=19h 45m 54s
 0000 RTLT=19h 46m 6s

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: 10/02/03 - 06:39

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
OCTOBER 4, 2003
277-278

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 58m 20s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A048
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLTL=24h 58m 32s | 0000 RTLTL=24h 58m 42s

1159 | 1200 PWS/RH

0857 | - | 0925 TAPPOS | 1407 | | 1421 TAPPOS

1159 GS-4B 1200

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

31 1325 | - - - - - 54 [D] - - - - - | 1930 0135 | - - - - - 43 [D] - - - - -
 1925 | - - - - - 26 [D] - - - - - | 2300

HPTXR

DSN COVERAGE 32 43 [D] | 0805 1050 | - - - - - 34 [o] - - - - - | 1605 0340 | - - - - - 34 [D] - - - - -

HPTXR

RTLTL : 19h 46m 6s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B121
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLTL=19h 46m 18s | 0000 RTLTL=19h 46m 28s

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

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

NOTES [1] S/C 31=GS-4B @ 1159 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: 10/02/03 - 06:39

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
OCTOBER 5, 2003
278-279

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 58m 42s

1200 RTLT=24h 58m 54s

0000 RTLT=24h 59m 4s

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 ---| 0755 43 [D]

1500 |----- 54 [D] -----| 1925

0125 - 0700 |----- 43 [D] -----

1920 |----- 26 [D] -----| 2315

DSN COVERAGE
HPTXR

32 ---| 34 [D] ---| 0855

0045 |----- 45 [D] -----

HPTXR

RTLT : 19h 46m 28s

1200 RTLT=19h 46m 40s

0000 RTLT=19h 46m 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: 10/03/03 - 13:10

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
OCTOBER 6, 2003
279-280

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 59m 4s
 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 59m 16s
 0000 RTLT=24h 59m 26s

DSN COVERAGE HPTXR
 31 0700 43 [D] 1705 | --- 63 [D] --- | 1920
 1915 | ----- 26 [D] ----- | 2345

HPTXR
 32 --- 45 [D] --- | 0855 0420 | --- 45 [D] ---

HPTXR
 0910 | ----- 34 [D] ----- | 1555
 0945 | ----- 49 [D,1] ----- | 1345

RTLT : 19h 46m 52s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B121
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

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

1200 RTLT=19h 47m 4s
 0000 RTLT=19h 47m 16s

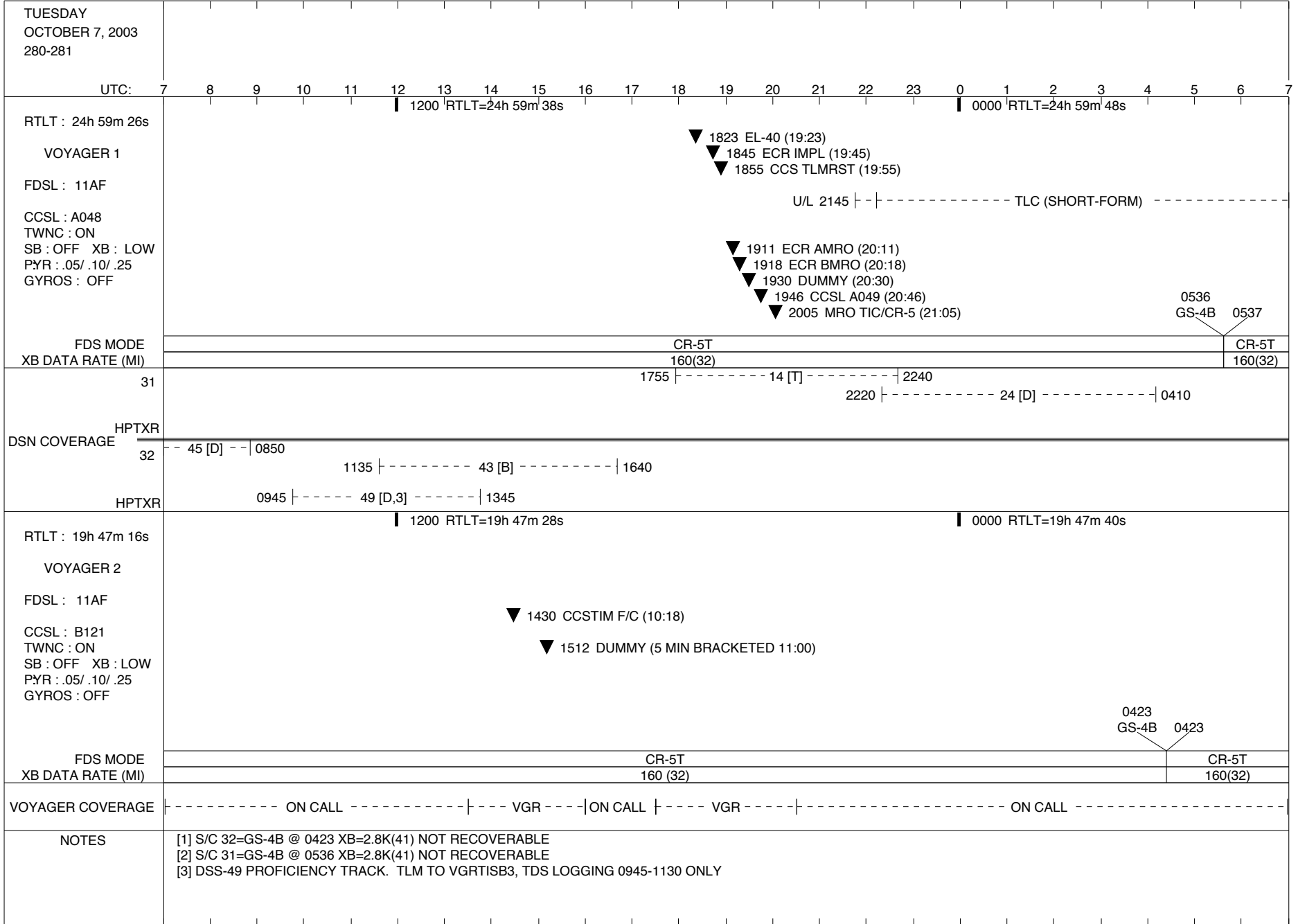
VOYAGER COVERAGE ----- ON CALL -----

NOTES [1] DSS49 PROFICIENCY TRACK. TLM TO VGRTISB3, NO TDS LOGGING

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: 10/02/03 - 06:39

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: 10/02/03 - 06:39

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
OCTOBER 8, 2003
281-282

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 59m 48s

VOYAGER 1

FDSL : 11AF

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

1200 RTLTL=25h 0m 0s

0000 RTLTL=25h 0m 10s

*
2013 | 2014 ECR AMRO
*
2020 | 2021 ECR BMRO

----- TLC (SHORT-FORM) ----- | D/L -| 0013

*
2053 || 2057 CCSL CHKSUM
*
2107 | 2108 MRO TIC

FDS MODE
XB DATA RATE (MI)

CR-5T

*1923

*2109

EL-40

CR-5T

160(32)

40(30)

160(32)

31

1130 | ----- 65 [D] ----- | 1520

1910 | ----- 26 [D,1] ----- | 0025

DSN COVERAGE
HPTXR

32

| ----- 43 [D] ----- | 0745- 1215

0400 | ----- 34 [D] -----

HPTXR

RTLTL : 19h 47m 40s

VOYAGER 2

FDSL : 11AF

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

1200 RTLTL=19h 47m 52s

0000 RTLTL=19h 48m 4s

*
1018 | | 1031 CCSTIM (FINE)

*
1050 || 1053 CCSTIM (COURSE)

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

VOYAGER COVERAGE

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

| --- VGR --- |

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

NOTES

[1] DUAL TLM STREAM SUPPORT

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: 10/02/03 - 06:39

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
OCTOBER 9, 2003
282-283

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 : 25h 0m 10s

1200 RTLT=25h 0m 20s

0000 RTLT=25h 0m 32s

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

1900 |----- 26 [D] -----| 0115

DSN COVERAGE HPTXR

32

-- 34 [D] --| 0845

0030 - 0700 |----- 45 [D] -----|

HPTXR

RTLT : 19h 48m 4s

1200 RTLT=19h 48m 14s

0000 RTLT=19h 48m 26s

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: 10/02/03 - 06:39

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
OCTOBER 10, 2003
283-284

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 : 25h 0m 32s

1200 RTLT=25h 0m 42s

0000 RTLT=25h 0m 52s

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

1900 |----- 26 [D] -----| 0025

0105 |----- 43 [D] -----|

DSN COVERAGE HPTXR

32 0700 45 [D]

0030 - 0620 |----- 45 [D] -----|

HPTXR

RTLT : 19h 48m 26s

1200 RTLT=19h 48m 38s

0000 RTLT=19h 48m 50s

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: 10/02/03 - 06:39

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
OCTOBER 11, 2003
284-285

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 : 25h 0m 52s

1200 RTLTL=25h 1m 4s

0000 RTLTL=25h 1m 14s

VOYAGER 1

1137 | 1138 PWS/RH

FDSL : 11AF

0834 | 0835 TAPPOS

1344 | | 1357 TAPPOS

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

1137
GS-4B 1138

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31

-- | 0730 43 [D]

0230 | ----- 45 [D] -----

DSN COVERAGE
HPTXR

1000 | ----- 63 [D] ----- | 1515

1810 | ----- 15 [D] ----- | 0025

32

0105 | ----- 34 [D] ----- | 0445

HPTXR

RTLTL : 19h 48m 50s

1200 RTLTL=19h 49m 2s

0000 RTLTL=19h 49m 14s

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

[1] S/C 31=GS-4B @ 1137 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: 10/02/03 - 06:39

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
OCTOBER 12, 2003
285-286

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 : 25h 1m 14s

1200 RTLT=25h 1m 24s

0000 RTLT=25h 1m 34s

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 - - 45 [D] - - | 0835

1500 | - - - - - 54 [D] - - - - - | 1900

2050 | - - - - - 15 [D] - - - - - | 0335

DSN COVERAGE
HPTXR

32

HPTXR

2335 | - - - - - 43 [D] - - - - - | 0335

RTLT : 19h 49m 14s

1200 RTLT=19h 49m 26s

0000 RTLT=19h 49m 38s

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: 10/02/03 - 06:39

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
OCTOBER 13, 2003
286-287

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 : 25h 1m 34s

1200 RTLT=25h 1m 46s

0000 RTLT=25h 1m 56s

↓ 2140 BEGIN SEQUENCE A049

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

1850 |----- 25 [D] -----| 0230

DSN COVERAGE HPTXR

32

0530 | 34 [D] |

HPTXR

0100 |----- 45 [D] -----| 0515

RTLT : 19h 49m 38s

1200 RTLT=19h 49m 50s

0000 RTLT=19h 50m 0s

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: 10/02/03 - 06:39

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
OCTOBER 14, 2003
287-288

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 : 25h 1m 56s
VOYAGER 1
FDSL : 11AF
CCSL : A049
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=25h 2m 6s 0000 RTLTL=25h 2m 16s

0105 | PLSCAL -| 0247
0105 | --- MAGCAL ---| 0407
0105 | --- PESCAL ---| 0425

PWS/RH 0513 | 0514

0513
GS-4B 0514

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

31 1245 |----- 54 [D] -----| 1825 0150 - 0700 |----- 45 [D] -----|

DSN COVERAGE HPTXR 1400 |----- 55 [D,3] -----| 1800
32 | 0730 34 [D]

HPTXR

RTLTL : 19h 50m 0s
VOYAGER 2
FDSL : 11AF
CCSL : B121
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1200 RTLTL=19h 50m 12s 0000 RTLTL=19h 50m 24s

0400 | 0401 PWS/RH

0400
GS-4B 0401

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

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

NOTES
[1] S/C 32=GS-4B @ 0400 XB=2.8K(41) NOT RECOVERABLE
[2] S/C 31=GS-4B @ 0513 XB=2.8K(41) NOT RECOVERABLE
[3] DSS-55 NSP DEMO TLM TO VGRTISB0, NO TDS LOGGING.

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: 10/02/03 - 06:39

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
OCTOBER 15, 2003
288-289

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 : 25h 2m 16s

1200 RTLT=25h 2m 26s

0000 RTLT=25h 2m 38s

VOYAGER 1

FDSL : 11AF

CCSL : A049
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31 0700 45 [D]

1245 |----- 54 [D] -----| 1845

1900 |----- 25 [D] -----| 0340

DSN COVERAGE
HPTXR

32 0835 |----- 43 [B] -----| 1610

0045 |----- 43 [D] -----| 0515

HPTXR

RTLT : 19h 50m 24s

1200 RTLT=19h 50m 36s

0000 RTLT=19h 50m 48s

VOYAGER 2

▼ 1507 DUMMY (5 MIN BRACKETE 10:58)

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 ----- + 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: 10/02/03 - 06:39

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
OCTOBER 16, 2003
289-290

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 : 25h 2m 38s
 VOYAGER 1
 FDSL : 11AF
 CCSL : A049
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

▼ 1800 DUMMY (19:03)
 U/L 1900 | - | - - - - - TLC (SHORT-FORM) - - - - -

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

31 1245 | - - - - - 63 [T] - - - - - 2135
 2205 | - - - - - 24 [D] - - - - - 0335

DSN COVERAGE HPTXR
 32 0750 | - - - - - 34 [D] - - - - - 1515
 2320 | - - - - - 43 [D] - - - - -

HPTXR

RTLT : 19h 50m 48s
 VOYAGER 2
 FDSL : 11AF
 CCSL : B121
 TWNC : ON
 SB : OFF XB : LOW
 PYR : .05/ .10/ .25
 GYROS : OFF

1200 RTLT=19h 51m 0s
 0000 RTLT=19h 51m 12s

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: 10/02/03 - 06:39

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
OCTOBER 17, 2003
290-291

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 : 25h 2m 58s

1200 RTLT=25h 3m 8s

0000 RTLT=25h 3m 18s

VOYAGER 1

FDSL : 11AF

CCSL : A049
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

----- TLC (SHORT-FORM) ----- | D/L | 2031

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

31

1200 | --- 63 [D] --- | 1420

1830 | ----- 26 [D] ----- | 2130

HPTXR

1235 | ----- 55 [D,1] ----- | 1835

2110 | ----- 15 [D] ----- | 0340

DSN COVERAGE

32

43 [D] | 0825

0845 | ----- 49 [D,2] ----- | 1320

2325 - 0625 | ----- 43 [D] ----- |

HPTXR

RTLT : 19h 51m 12s

1200 RTLT=19h 51m 24s

0000 RTLT=19h 51m 36s

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

[1] DSS-55 NSP DEMO TLM TO VGRITISB0, TDS LOGGING BETWEEN 1420-1830 ONLY.
[2] DSS-49 PROFICIENCY TRACK. TLM TO VGRITISB3, CONFIGURE FOR TDS LOGGING.

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: 10/02/03 - 06:39

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
OCTOBER 18, 2003
291-292

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 : 25h 3m 18s

1200 RTLTL=25h 3m 28s

0000 RTLTL=25h 3m 38s

VOYAGER 1

1114 | 1115 PWS/RH

FDSL : 11AF

0812 | - | 0839 TAPPOS

1321 | - - | 1402 TAPPOS

CCSL : A049
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

1114
GS-4B
1115

FDS MODE
XB DATA RATE (MI)

CR-5T
160(32)

CR-5T
160(32)

31

1715 | - - - - - 14 [D] - - - - - 2235

2215 | - - - - - 25 [D] - - - - - 0330

DSN COVERAGE
HPTXR

32

2320 | - - - - - 43 [D] - - - - -

HPTXR

RTLTL : 19h 51m 36s

1200 RTLTL=19h 51m 46s

0000 RTLTL=19h 51m 58s

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

[1] S/C 31=GS-4B @ 1114 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: 10/02/03 - 06:39

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
OCTOBER 19, 2003
292-293

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 : 25h 3m 38s

1200 RTLT=25h 3m 48s

0000 RTLT=25h 3m 58s

VOYAGER 1

FDSL : 11AF

CCSL : A049
TWNC : ON
SB : OFF XB : LOW
PYR : .05/ .10/ .25
GYROS : OFF

FDS MODE
XB DATA RATE (MI)

CR-5T

160(32)

31

1705 |----- 14 [D] -----| 2230

2210 |----- 24 [D] -----| 0325

DSN COVERAGE HPTXR

32

0725 43 [D]

0515 |----- 34 [D] -----|

|----- 34 [D] -----| 0705 - 1230

2320 |----- 43 [D] -----| 0535

HPTXR

RTLT : 19h 51m 58s

1200 RTLT=19h 52m 10s

0000 RTLT=19h 52m 22s

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