

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

NTIA-ITS (Boulder) 5613

SOURCE USER NTIA - x.25 over ckt channel
 DESTINATION USER NASA LeRC - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 01/24/95 15:22:42.998 LT
 MEASUREMENT END TIME 01/24/95 15:42:15.251 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 5613

ACCESS ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

ACCESS ATTEMPTS 100 (+)
 'SUCCESSFUL ACCESS' OUTCOMES 100
 'INCORRECT ACCESS' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT ACCESS' OUTCOMES 0
 'ACCESS DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS DENIAL' OUTCOMES 0
 'ACCESS OUTAGE' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS OUTAGE' OUTCOMES 0
 (+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

ACCESS TIME 0.827 SEC
 USER FRACTION OF ACCESS TIME 0.4723
 INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 0.850 SEC
 SPECIFIED USER FRACTION OF ACCESS TIME 0.5000

NTIA-ITS (Boulder) 5613

SOURCE DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 100 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 100
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0
 (+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 0.869 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0378
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 0.860 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0500
 SPECIFIED ACCESS TIME 0.850 SEC

NTIA-ITS (Boulder) 5613

DESTINATION DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 100 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 100
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0
 (+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 1.186 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.8010
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 1.180 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.8000
 SPECIFIED ACCESS TIME 0.850 SEC

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PERFORMANCE ASSESSMENT SUMMARY
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PERFORMANCE DATA BATCH
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NTIA-ITS (Boulder) 5614
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SOURCE USER . . . . . NTIA - x.25 over ckt channel
DESTINATION USER . . . . . NASA LeRC - over ACTS
ORIGINATING USER . . . . . SOURCE

SESSION CATEGORY . . . . . CONNECTION ORIENTED
INITIAL DISENGAGEMENT CATEGORY . . . . . NEGOTIATED

MEASUREMENT START TIME . . . . . 01/24/95 17:23:38.967 LT
MEASUREMENT END TIME . . . . . 01/24/95 17:43:11.023 LT
(LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

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NTIA-ITS (Boulder) 5614
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ACCESS ASSESSMENT SUMMARY
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PERFORMANCE STATISTICS
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ACCESS ATTEMPTS . . . . . 100 (+)
'SUCCESSFUL ACCESS' OUTCOMES . . . . . 100
'INCORRECT ACCESS' OUTCOMES . . . . . 0
PAIRS OF SUCCESSIVE 'INCORRECT ACCESS' OUTCOMES . . . . . 0
'ACCESS DENIAL' OUTCOMES . . . . . 0
PAIRS OF SUCCESSIVE 'ACCESS DENIAL' OUTCOMES . . . . . 0
'ACCESS OUTAGE' OUTCOMES . . . . . 0
PAIRS OF SUCCESSIVE 'ACCESS OUTAGE' OUTCOMES . . . . . 0
(+ ) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES
-----
ACCESS TIME . . . . . 0.827 SEC
USER FRACTION OF ACCESS TIME . . . . . 0.4696
INCORRECT ACCESS PROBABILITY . . . . . 0
ACCESS DENIAL PROBABILITY . . . . . 0
ACCESS OUTAGE PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS
-----
SPECIFIED ACCESS TIME . . . . . 0.850 SEC
SPECIFIED USER FRACTION OF ACCESS TIME . . . . . 0.5000

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NTIA-ITS (Boulder) 5614
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SOURCE
DISENGAGEMENT ASSESSMENT SUMMARY
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PERFORMANCE STATISTICS
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DISENGAGEMENT ATTEMPTS . . . . . 100 (+)
'SUCCESSFUL DISENGAGEMENT' OUTCOMES . . . . . 100
'DISENGAGEMENT DENIAL' OUTCOMES . . . . . 0
PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES . . . . . 0
(+ ) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES
-----
DISENGAGEMENT TIME . . . . . 0.861 SEC
USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0370
DISENGAGEMENT DENIAL PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS
-----
SPECIFIED DISENGAGEMENT TIME . . . . . 0.860 SEC
SPECIFIED USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0500
SPECIFIED ACCESS TIME . . . . . 0.850 SEC

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NTIA-ITS (Boulder) 5614
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DESTINATION
DISENGAGEMENT ASSESSMENT SUMMARY
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PERFORMANCE STATISTICS
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DISENGAGEMENT ATTEMPTS . . . . . 100 (+)
'SUCCESSFUL DISENGAGEMENT' OUTCOMES . . . . . 100
'DISENGAGEMENT DENIAL' OUTCOMES . . . . . 0
PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES . . . . . 0
(+ ) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES
-----
DISENGAGEMENT TIME . . . . . 1.178 SEC
USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.8040
DISENGAGEMENT DENIAL PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS
-----
SPECIFIED DISENGAGEMENT TIME . . . . . 1.180 SEC
SPECIFIED USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.8000
SPECIFIED ACCESS TIME . . . . . 0.850 SEC

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PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 5801

SOURCE USER NTIA - x.25 over pkt channel
 DESTINATION USER NASA LeRC - over ACTS
 ORIGINATING USER SOURCE

SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

MEASUREMENT START TIME 12/28/94 18:15:11.098 LT
 MEASUREMENT END TIME 12/28/94 18:17:49.063 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5801

USER INFORMATION TRANSFER ASSESSMENT SUMMARY

CORRELATION SUMMARY

CORRELATOR OUTPUT BLOCKS 50

BIT COMPARISON OUTCOMES (BCOS) 1600000
 'CORRECT' BCOS 1600000
 'INCORRECT' BCOS 0
 'UNDELIVERED' BCOS 0
 'EXTRA' BCOS 0

SOURCE USER INFORMATION BLOCKS TRANSMITTED 50
 SOURCE USER INFORMATION BLOCKS CORRELATED 50

SOURCE USER INFORMATION BITS TRANSMITTED 1600000
 SOURCE USER INFORMATION BITS CORRELATED 1600000

DESTINATION USER INFORMATION BLOCKS RECEIVED 50
 DESTINATION USER INFORMATION BLOCKS CORRELATED 50

DESTINATION USER INFORMATION BITS RECEIVED 1600000
 DESTINATION USER INFORMATION BITS CORRELATED 1600000

CORRELATOR SPECIFICATIONS

USER INFORMATION WINDOW SIZE 16 BITS

MAXIMUM DATA SHIFT EXECUTED IN BIT ERROR
 IDENTIFICATION ALGORITHM 64000 BITS

MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT
 IDENTIFICATION ALGORITHM 96000 BITS

MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT
 IDENTIFICATION ALGORITHM 96000 BITS

 NTIA-ITS (Boulder) 5801

USER INFORMATION TRANSFER ASSESSMENT SUMMARY
 (CONTINUED)

PERFORMANCE STATISTICS

BIT TRANSFER ATTEMPTS 1600000 (+)
 'SUCCESSFUL BIT TRANSFER' OUTCOMES 1600000
 'INCORRECT BIT' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT BIT' OUTCOMES 0
 'LOST BIT' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'LOST BIT' OUTCOMES 0
 'EXTRA BIT' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'EXTRA BIT' OUTCOMES 0

BLOCK TRANSFER ATTEMPTS 50 (+)
 'SUCCESSFUL BLOCK TRANSFER' OUTCOMES 50
 'INCORRECT BLOCK' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT BLOCK' OUTCOMES 0
 'LOST BLOCK' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'LOST BLOCK' OUTCOMES 0
 'EXTRA BLOCK' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'EXTRA BLOCK' OUTCOMES 0

TRANSFER SAMPLES 4 (+)
 'TRANSFER DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES 0

INPUT TIME FOR THROUGHPUT SAMPLE 142.651 SEC
 USER INPUT TIME FOR THROUGHPUT SAMPLE 1.671 SEC
 OUTPUT TIME FOR THROUGHPUT SAMPLE 150.727 SEC
 USER OUTPUT TIME FOR THROUGHPUT SAMPLE 1.669 SEC
 BIT TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE 1568000
 'SUCCESSFUL BIT TRANSFER' OUTCOMES IN THROUGHPUT SAMPLE 1568000
 BLOCK TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE 49

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

 NTIA-ITS (Boulder) 5801

USER INFORMATION TRANSFER ASSESSMENT SUMMARY
 (CONTINUED)

MEASURED PERFORMANCE PARAMETER VALUES

BIT ERROR PROBABILITY 0
 BIT LOSS PROBABILITY 0
 EXTRA BIT PROBABILITY 0

BLOCK TRANSFER TIME 12.012 SEC
 USER FRACTION OF BLOCK TRANSFER TIME 0.0142

BLOCK ERROR PROBABILITY 0
 BLOCK LOSS PROBABILITY 0
 EXTRA BLOCK PROBABILITY 0

TRANSFER DENIAL PROBABILITY 0

USER INFORMATION BIT TRANSFER RATE 10403 BPS
 USER FRACTION OF INPUT/OUTPUT TIME 0.0111

REDUCTION SPECIFICATIONS

SPECIFIED BLOCK TRANSFER TIME 12.030 SEC
 SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME 0.0500

SPECIFIED USER INFORMATION BIT TRANSFER RATE
 FOR TRANSFER SAMPLE 10390 BPS
 SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME
 FOR TRANSFER SAMPLE 0.0500

SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10⁽⁻⁰⁶⁾
 SPECIFIED BIT LOSS PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10⁽⁻⁰⁸⁾
 SPECIFIED EXTRA BIT PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10⁽⁻⁰⁸⁾

MINIMUM NUMBER OF BIT TRANSFER ATTEMPTS
 IN TRANSFER SAMPLE 320000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 5802

SOURCE USER NTIA - x.25 over pkt channel
 DESTINATION USER NASA LeRC - over ACTS
 ORIGINATING USER SOURCE

SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

MEASUREMENT START TIME 12/28/94 18:21:49.031 LT
 MEASUREMENT END TIME 12/28/94 18:24:26.982 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5802

USER INFORMATION TRANSFER ASSESSMENT SUMMARY

 CORRELATION SUMMARY

CORRELATOR OUTPUT BLOCKS 50

BIT COMPARISON OUTCOMES (BCOS) 1600000
 'CORRECT' BCOS 1600000
 'INCORRECT' BCOS 0
 'UNDELIVERED' BCOS 0
 'EXTRA' BCOS 0

SOURCE USER INFORMATION BLOCKS TRANSMITTED 50
 SOURCE USER INFORMATION BLOCKS CORRELATED 50

SOURCE USER INFORMATION BITS TRANSMITTED 1600000
 SOURCE USER INFORMATION BITS CORRELATED 1600000

DESTINATION USER INFORMATION BLOCKS RECEIVED 50
 DESTINATION USER INFORMATION BLOCKS CORRELATED 50

DESTINATION USER INFORMATION BITS RECEIVED 1600000
 DESTINATION USER INFORMATION BITS CORRELATED 1600000

 CORRELATOR SPECIFICATIONS

USER INFORMATION WINDOW SIZE 16 BITS

MAXIMUM DATA SHIFT EXECUTED IN BIT ERROR
 IDENTIFICATION ALGORITHM 64000 BITS

MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT
 IDENTIFICATION ALGORITHM 96000 BITS

MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT
 IDENTIFICATION ALGORITHM 96000 BITS

 NTIA-ITS (Boulder) 5802

USER INFORMATION TRANSFER ASSESSMENT SUMMARY
 (CONTINUED)

 PERFORMANCE STATISTICS

BIT TRANSFER ATTEMPTS 1600000 (+)
 'SUCCESSFUL BIT TRANSFER' OUTCOMES 1600000
 'INCORRECT BIT' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT BIT' OUTCOMES 0
 'LOST BIT' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'LOST BIT' OUTCOMES 0
 'EXTRA BIT' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'EXTRA BIT' OUTCOMES 0

BLOCK TRANSFER ATTEMPTS 50 (+)
 'SUCCESSFUL BLOCK TRANSFER' OUTCOMES 50
 'INCORRECT BLOCK' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT BLOCK' OUTCOMES 0
 'LOST BLOCK' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'LOST BLOCK' OUTCOMES 0
 'EXTRA BLOCK' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'EXTRA BLOCK' OUTCOMES 0

TRANSFER SAMPLES 4 (+)
 'TRANSFER DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES 0

INPUT TIME FOR THROUGHPUT SAMPLE 142.598 SEC
 USER INPUT TIME FOR THROUGHPUT SAMPLE 1.696 SEC
 OUTPUT TIME FOR THROUGHPUT SAMPLE 150.789 SEC
 USER OUTPUT TIME FOR THROUGHPUT SAMPLE 1.671 SEC
 BIT TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE 1568000
 'SUCCESSFUL BIT TRANSFER' OUTCOMES IN THROUGHPUT SAMPLE 1568000
 BLOCK TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE 49

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

 NTIA-ITS (Boulder) 5802

USER INFORMATION TRANSFER ASSESSMENT SUMMARY
 (CONTINUED)

 MEASURED PERFORMANCE PARAMETER VALUES

BIT ERROR PROBABILITY 0
 BIT LOSS PROBABILITY 0
 EXTRA BIT PROBABILITY 0

BLOCK TRANSFER TIME 12.012 SEC
 USER FRACTION OF BLOCK TRANSFER TIME 0.0129

BLOCK ERROR PROBABILITY 0
 BLOCK LOSS PROBABILITY 0
 EXTRA BLOCK PROBABILITY 0

TRANSFER DENIAL PROBABILITY 0

USER INFORMATION BIT TRANSFER RATE 10399 BPS
 USER FRACTION OF INPUT/OUTPUT TIME 0.0112

 REDUCTION SPECIFICATIONS

SPECIFIED BLOCK TRANSFER TIME 12.030 SEC
 SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME 0.0500

SPECIFIED USER INFORMATION BIT TRANSFER RATE
 FOR TRANSFER SAMPLE 10390 BPS
 SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME
 FOR TRANSFER SAMPLE 0.0500

SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10⁽⁻⁰⁶⁾
 SPECIFIED BIT LOSS PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10⁽⁻⁰⁸⁾
 SPECIFIED EXTRA BIT PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10⁽⁻⁰⁸⁾

MINIMUM NUMBER OF BIT TRANSFER ATTEMPTS
 IN TRANSFER SAMPLE 320000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 5803

 SOURCE USER NTIA - x.25 over pkt channel
 DESTINATION USER NASA LeRC - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 12/28/94 18:25:46.031 LT
 MEASUREMENT END TIME 12/28/94 18:28:23.833 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5803

USER INFORMATION TRANSFER ASSESSMENT SUMMARY

 CORRELATION SUMMARY

CORRELATOR OUTPUT BLOCKS 50
 BIT COMPARISON OUTCOMES (BCOS) 1600000
 'CORRECT' BCOS 1600000
 'INCORRECT' BCOS 0
 'UNDELIVERED' BCOS 0
 'EXTRA' BCOS 0
 SOURCE USER INFORMATION BLOCKS TRANSMITTED 50
 SOURCE USER INFORMATION BLOCKS CORRELATED 50
 SOURCE USER INFORMATION BITS TRANSMITTED 1600000
 SOURCE USER INFORMATION BITS CORRELATED 1600000
 DESTINATION USER INFORMATION BLOCKS RECEIVED 50
 DESTINATION USER INFORMATION BLOCKS CORRELATED 50
 DESTINATION USER INFORMATION BITS RECEIVED 1600000
 DESTINATION USER INFORMATION BITS CORRELATED 1600000

 CORRELATOR SPECIFICATIONS

USER INFORMATION WINDOW SIZE 16 BITS
 MAXIMUM DATA SHIFTS EXECUTED IN BIT ERROR IDENTIFICATION ALGORITHM 64000 BITS
 MAXIMUM DATA SHIFTS EXECUTED IN UNDELIVERED BIT IDENTIFICATION ALGORITHM 96000 BITS
 MAXIMUM DATA SHIFTS EXECUTED IN EXTRA BIT IDENTIFICATION ALGORITHM 96000 BITS

NTIA-ITS (Boulder) 5803

USER INFORMATION TRANSFER ASSESSMENT SUMMARY
 (CONTINUED)

 PERFORMANCE STATISTICS

BIT TRANSFER ATTEMPTS 1600000 (+)
 'SUCCESSFUL BIT TRANSFER' OUTCOMES 1600000
 'INCORRECT BIT' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT BIT' OUTCOMES 0
 'LOST BIT' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'LOST BIT' OUTCOMES 0
 'EXTRA BIT' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'EXTRA BIT' OUTCOMES 0
 BLOCK TRANSFER ATTEMPTS 50 (+)
 'SUCCESSFUL BLOCK TRANSFER' OUTCOMES 50
 'INCORRECT BLOCK' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT BLOCK' OUTCOMES 0
 'LOST BLOCK' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'LOST BLOCK' OUTCOMES 0
 'EXTRA BLOCK' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'EXTRA BLOCK' OUTCOMES 0
 TRANSFER SAMPLES 4 (+)
 'TRANSFER DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES 0

INPUT TIME FOR THROUGHPUT SAMPLE 142.611 SEC
 USER INPUT TIME FOR THROUGHPUT SAMPLE 1.680 SEC
 OUTPUT TIME FOR THROUGHPUT SAMPLE 150.688 SEC
 USER OUTPUT TIME FOR THROUGHPUT SAMPLE 1.678 SEC
 BIT TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE 1568000
 'SUCCESSFUL BIT TRANSFER' OUTCOMES IN THROUGHPUT SAMPLE 1568000
 BLOCK TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE 49

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

 NTIA-ITS (Boulder) 5803

USER INFORMATION TRANSFER ASSESSMENT SUMMARY
 (CONTINUED)

 MEASURED PERFORMANCE PARAMETER VALUES

BIT ERROR PROBABILITY 0
 BIT LOSS PROBABILITY 0
 EXTRA BIT PROBABILITY 0
 BLOCK TRANSFER TIME 12.011 SEC
 USER FRACTION OF BLOCK TRANSFER TIME 0.0136
 BLOCK ERROR PROBABILITY 0
 BLOCK LOSS PROBABILITY 0
 EXTRA BLOCK PROBABILITY 0
 TRANSFER DENIAL PROBABILITY 0
 USER INFORMATION BIT TRANSFER RATE 10406 BPS
 USER FRACTION OF INPUT/OUTPUT TIME 0.0111

 REDUCTION SPECIFICATIONS

SPECIFIED BLOCK TRANSFER TIME 12.030 SEC
 SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME 0.0500
 SPECIFIED USER INFORMATION BIT TRANSFER RATE FOR TRANSFER SAMPLE 10390 BPS
 SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME FOR TRANSFER SAMPLE 0.0500
 SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10(-06)
 SPECIFIED BIT LOSS PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10(-08)
 SPECIFIED EXTRA BIT PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10(-08)
 MINIMUM NUMBER OF BIT TRANSFER ATTEMPTS IN TRANSFER SAMPLE 320000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 5807

 SOURCE USER NTIA - x.25 over pkt channel
 DESTINATION USER NASA LeRC - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 01/18/95 14:28:39.024 LT
 MEASUREMENT END TIME 01/18/95 14:31:16.971 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5807

USER INFORMATION TRANSFER ASSESSMENT SUMMARY

 CORRELATION SUMMARY

CORRELATOR OUTPUT BLOCKS 50
 BIT COMPARISON OUTCOMES (BCOS) 1600000
 'CORRECT' BCOS 1600000
 'INCORRECT' BCOS 0
 'UNDELIVERED' BCOS 0
 'EXTRA' BCOS 0
 SOURCE USER INFORMATION BLOCKS TRANSMITTED 50
 SOURCE USER INFORMATION BLOCKS CORRELATED 50
 SOURCE USER INFORMATION BITS TRANSMITTED 1600000
 SOURCE USER INFORMATION BITS CORRELATED 1600000
 DESTINATION USER INFORMATION BLOCKS RECEIVED 50
 DESTINATION USER INFORMATION BLOCKS CORRELATED 50
 DESTINATION USER INFORMATION BITS RECEIVED 1600000
 DESTINATION USER INFORMATION BITS CORRELATED 1600000

 CORRELATOR SPECIFICATIONS

USER INFORMATION WINDOW SIZE 16 BITS
 MAXIMUM DATA SHIFT EXECUTED IN BIT ERROR
 IDENTIFICATION ALGORITHM 64000 BITS
 MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT
 IDENTIFICATION ALGORITHM 96000 BITS
 MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT
 IDENTIFICATION ALGORITHM 96000 BITS

 NTIA-ITS (Boulder) 5807

USER INFORMATION TRANSFER ASSESSMENT SUMMARY
 (CONTINUED)

 PERFORMANCE STATISTICS

BIT TRANSFER ATTEMPTS 1600000 (+)
 'SUCCESSFUL BIT TRANSFER' OUTCOMES 1600000
 'INCORRECT BIT' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT BIT' OUTCOMES 0
 'LOST BIT' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'LOST BIT' OUTCOMES 0
 'EXTRA BIT' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'EXTRA BIT' OUTCOMES 0
 BLOCK TRANSFER ATTEMPTS 50 (+)
 'SUCCESSFUL BLOCK TRANSFER' OUTCOMES 50
 'INCORRECT BLOCK' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT BLOCK' OUTCOMES 0
 'LOST BLOCK' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'LOST BLOCK' OUTCOMES 0
 'EXTRA BLOCK' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'EXTRA BLOCK' OUTCOMES 0
 TRANSFER SAMPLES 4 (+)
 'TRANSFER DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES 0
 INPUT TIME FOR THROUGHPUT SAMPLE 142.625 SEC
 USER INPUT TIME FOR THROUGHPUT SAMPLE 1.683 SEC
 OUTPUT TIME FOR THROUGHPUT SAMPLE 150.719 SEC
 USER OUTPUT TIME FOR THROUGHPUT SAMPLE 1.670 SEC
 BIT TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE 1568000
 'SUCCESSFUL BIT TRANSFER' OUTCOMES IN THROUGHPUT SAMPLE 1568000
 BLOCK TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE 49

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

 NTIA-ITS (Boulder) 5807

USER INFORMATION TRANSFER ASSESSMENT SUMMARY
 (CONTINUED)

 MEASURED PERFORMANCE PARAMETER VALUES

BIT ERROR PROBABILITY 0
 BIT LOSS PROBABILITY 0
 EXTRA BIT PROBABILITY 0
 BLOCK TRANSFER TIME 12.005 SEC
 USER FRACTION OF BLOCK TRANSFER TIME 0.0137
 BLOCK ERROR PROBABILITY 0
 BLOCK LOSS PROBABILITY 0
 EXTRA BLOCK PROBABILITY 0
 TRANSFER DENIAL PROBABILITY 0
 USER INFORMATION BIT TRANSFER RATE 10403 BPS
 USER FRACTION OF INPUT/OUTPUT TIME 0.0112

 REDUCTION SPECIFICATIONS

SPECIFIED BLOCK TRANSFER TIME 12.030 SEC
 SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME 0.0500
 SPECIFIED USER INFORMATION BIT TRANSFER RATE
 FOR TRANSFER SAMPLE 10390 BPS
 SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME
 FOR TRANSFER SAMPLE 0.0500
 SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10(-06)
 SPECIFIED BIT LOSS PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10(-08)
 SPECIFIED EXTRA BIT PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10(-08)
 MINIMUM NUMBER OF BIT TRANSFER ATTEMPTS
 IN TRANSFER SAMPLE 320000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

NTIA-ITS (Boulder) 5808

SOURCE USER NTIA - x.25 over pkt channel

DESTINATION USER NASA LeRC - over ACTS

ORIGINATING USER SOURCE

SESSION CATEGORY CONNECTION ORIENTED

INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

MEASUREMENT START TIME 01/18/95 16:12:04.058 LT

MEASUREMENT END TIME 01/18/95 16:14:41.964 LT

(LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 5808

USER INFORMATION TRANSFER ASSESSMENT SUMMARY

CORRELATION SUMMARY

CORRELATOR OUTPUT BLOCKS 50

BIT COMPARISON OUTCOMES (BCOS) 1600000

'CORRECT' BCOS 1600000

'INCORRECT' BCOS 0

'UNDELIVERED' BCOS 0

'EXTRA' BCOS 0

SOURCE USER INFORMATION BLOCKS TRANSMITTED 50

SOURCE USER INFORMATION BLOCKS CORRELATED 50

SOURCE USER INFORMATION BITS TRANSMITTED 1600000

SOURCE USER INFORMATION BITS CORRELATED 1600000

DESTINATION USER INFORMATION BLOCKS RECEIVED 50

DESTINATION USER INFORMATION BLOCKS CORRELATED 50

DESTINATION USER INFORMATION BITS RECEIVED 1600000

DESTINATION USER INFORMATION BITS CORRELATED 1600000

CORRELATOR SPECIFICATIONS

USER INFORMATION WINDOW SIZE 16 BITS

MAXIMUM DATA SHIFT EXECUTED IN BIT ERROR IDENTIFICATION ALGORITHM 64000 BITS

MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT IDENTIFICATION ALGORITHM 96000 BITS

MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT IDENTIFICATION ALGORITHM 96000 BITS

NTIA-ITS (Boulder) 5808

USER INFORMATION TRANSFER ASSESSMENT SUMMARY (CONTINUED)

PERFORMANCE STATISTICS

BIT TRANSFER ATTEMPTS 1600000 (+)

'SUCCESSFUL BIT TRANSFER' OUTCOMES 1600000

'INCORRECT BIT' OUTCOMES 0

PAIRS OF SUCCESSIVE 'INCORRECT BIT' OUTCOMES 0

'LOST BIT' OUTCOMES 0

PAIRS OF SUCCESSIVE 'LOST BIT' OUTCOMES 0

'EXTRA BIT' OUTCOMES 0

PAIRS OF SUCCESSIVE 'EXTRA BIT' OUTCOMES 0

BLOCK TRANSFER ATTEMPTS 50 (+)

'SUCCESSFUL BLOCK TRANSFER' OUTCOMES 50

'INCORRECT BLOCK' OUTCOMES 0

PAIRS OF SUCCESSIVE 'INCORRECT BLOCK' OUTCOMES 0

'LOST BLOCK' OUTCOMES 0

PAIRS OF SUCCESSIVE 'LOST BLOCK' OUTCOMES 0

'EXTRA BLOCK' OUTCOMES 0

PAIRS OF SUCCESSIVE 'EXTRA BLOCK' OUTCOMES 0

TRANSFER SAMPLES 4 (+)

'TRANSFER DENIAL' OUTCOMES 0

PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES 0

INPUT TIME FOR THROUGHPUT SAMPLE 142.646 SEC

USER INPUT TIME FOR THROUGHPUT SAMPLE 1.682 SEC

OUTPUT TIME FOR THROUGHPUT SAMPLE 150.682 SEC

USER OUTPUT TIME FOR THROUGHPUT SAMPLE 1.672 SEC

BIT TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE 1568000

'SUCCESSFUL BIT TRANSFER' OUTCOMES IN THROUGHPUT SAMPLE 1568000

BLOCK TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE 49

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

NTIA-ITS (Boulder) 5808

USER INFORMATION TRANSFER ASSESSMENT SUMMARY (CONTINUED)

MEASURED PERFORMANCE PARAMETER VALUES

BIT ERROR PROBABILITY 0

BIT LOSS PROBABILITY 0

EXTRA BIT PROBABILITY 0

BLOCK TRANSFER TIME 12.003 SEC

USER FRACTION OF BLOCK TRANSFER TIME 0.0151

BLOCK ERROR PROBABILITY 0

BLOCK LOSS PROBABILITY 0

EXTRA BLOCK PROBABILITY 0

TRANSFER DENIAL PROBABILITY 0

USER INFORMATION BIT TRANSFER RATE 10406 BPS

USER FRACTION OF INPUT/OUTPUT TIME 0.0112

REDUCTION SPECIFICATIONS

SPECIFIED BLOCK TRANSFER TIME 12.030 SEC

SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME 0.0500

SPECIFIED USER INFORMATION BIT TRANSFER RATE FOR TRANSFER SAMPLE 10390 BPS

SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME FOR TRANSFER SAMPLE 0.0500

SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE 1.0×10^{-06}

SPECIFIED BIT LOSS PROBABILITY FOR TRANSFER SAMPLE 1.0×10^{-08}

SPECIFIED EXTRA BIT PROBABILITY FOR TRANSFER SAMPLE 1.0×10^{-08}

MINIMUM NUMBER OF BIT TRANSFER ATTEMPTS IN TRANSFER SAMPLE 320000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 5813

SOURCE USER NTIA - x.25 over pkt channel
 DESTINATION USER NASA LeRC - over ACTS
 ORIGINATING USER SOURCE

SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

MEASUREMENT START TIME 01/23/95 15:26:35.002 LT
 MEASUREMENT END TIME 01/23/95 15:29:12.938 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5813

USER INFORMATION TRANSFER ASSESSMENT SUMMARY

CORRELATION SUMMARY

CORRELATOR OUTPUT BLOCKS 50

BIT COMPARISON OUTCOMES (BCOS) 1600000
 'CORRECT' BCOS 1600000
 'INCORRECT' BCOS 0
 'UNDELIVERED' BCOS 0
 'EXTRA' BCOS 0

SOURCE USER INFORMATION BLOCKS TRANSMITTED 50
 SOURCE USER INFORMATION BLOCKS CORRELATED 50

SOURCE USER INFORMATION BITS TRANSMITTED 1600000
 SOURCE USER INFORMATION BITS CORRELATED 1600000

DESTINATION USER INFORMATION BLOCKS RECEIVED 50
 DESTINATION USER INFORMATION BLOCKS CORRELATED 50

DESTINATION USER INFORMATION BITS RECEIVED 1600000
 DESTINATION USER INFORMATION BITS CORRELATED 1600000

CORRELATOR SPECIFICATIONS

USER INFORMATION WINDOW SIZE 16 BITS

MAXIMUM DATA SHIFT EXECUTED IN BIT ERROR
 IDENTIFICATION ALGORITHM 64000 BITS

MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT
 IDENTIFICATION ALGORITHM 96000 BITS

MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT
 IDENTIFICATION ALGORITHM 96000 BITS

 NTIA-ITS (Boulder) 5813

USER INFORMATION TRANSFER ASSESSMENT SUMMARY
 (CONTINUED)

PERFORMANCE STATISTICS

BIT TRANSFER ATTEMPTS 1600000 (+)
 'SUCCESSFUL BIT TRANSFER' OUTCOMES 1600000
 'INCORRECT BIT' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT BIT' OUTCOMES 0
 'LOST BIT' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'LOST BIT' OUTCOMES 0
 'EXTRA BIT' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'EXTRA BIT' OUTCOMES 0

BLOCK TRANSFER ATTEMPTS 50 (+)
 'SUCCESSFUL BLOCK TRANSFER' OUTCOMES 50
 'INCORRECT BLOCK' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT BLOCK' OUTCOMES 0
 'LOST BLOCK' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'LOST BLOCK' OUTCOMES 0
 'EXTRA BLOCK' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'EXTRA BLOCK' OUTCOMES 0

TRANSFER SAMPLES 4 (+)
 'TRANSFER DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES 0

INPUT TIME FOR THROUGHPUT SAMPLE 142.655 SEC
 USER INPUT TIME FOR THROUGHPUT SAMPLE 1.680 SEC
 OUTPUT TIME FOR THROUGHPUT SAMPLE 150.731 SEC
 USER OUTPUT TIME FOR THROUGHPUT SAMPLE 1.670 SEC
 BIT TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE 1568000
 'SUCCESSFUL BIT TRANSFER' OUTCOMES IN THROUGHPUT SAMPLE 1568000
 BLOCK TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE 49

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

 NTIA-ITS (Boulder) 5813

USER INFORMATION TRANSFER ASSESSMENT SUMMARY
 (CONTINUED)

MEASURED PERFORMANCE PARAMETER VALUES

BIT ERROR PROBABILITY 0
 BIT LOSS PROBABILITY 0
 EXTRA BIT PROBABILITY 0

BLOCK TRANSFER TIME 12.018 SEC
 USER FRACTION OF BLOCK TRANSFER TIME 0.0141

BLOCK ERROR PROBABILITY 0
 BLOCK LOSS PROBABILITY 0
 EXTRA BLOCK PROBABILITY 0

TRANSFER DENIAL PROBABILITY 0

USER INFORMATION BIT TRANSFER RATE 10403 BPS
 USER FRACTION OF INPUT/OUTPUT TIME 0.0111

REDUCTION SPECIFICATIONS

SPECIFIED BLOCK TRANSFER TIME 12.030 SEC
 SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME 0.0500

SPECIFIED USER INFORMATION BIT TRANSFER RATE
 FOR TRANSFER SAMPLE 10390 BPS

SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME
 FOR TRANSFER SAMPLE 0.0500

SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10⁻⁰⁶
 SPECIFIED BIT LOSS PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10⁻⁰⁸
 SPECIFIED EXTRA BIT PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10⁻⁰⁸

MINIMUM NUMBER OF BIT TRANSFER ATTEMPTS
 IN TRANSFER SAMPLE 320000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 5814

 SOURCE USER NTIA - x.25 over pkt channel
 DESTINATION USER NASA LeRC - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 01/23/95 15:29:40.003 LT
 MEASUREMENT END TIME 01/23/95 15:32:17.930 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5814

USER INFORMATION TRANSFER ASSESSMENT SUMMARY

CORRELATION SUMMARY

CORRELATOR OUTPUT BLOCKS 50
 BIT COMPARISON OUTCOMES (BCOS) 1600000
 'CORRECT' BCOS 1600000
 'INCORRECT' BCOS 0
 'UNDELIVERED' BCOS 0
 'EXTRA' BCOS 0
 SOURCE USER INFORMATION BLOCKS TRANSMITTED 50
 SOURCE USER INFORMATION BLOCKS CORRELATED 50
 SOURCE USER INFORMATION BITS TRANSMITTED 1600000
 SOURCE USER INFORMATION BITS CORRELATED 1600000
 DESTINATION USER INFORMATION BLOCKS RECEIVED 50
 DESTINATION USER INFORMATION BLOCKS CORRELATED 50
 DESTINATION USER INFORMATION BITS RECEIVED 1600000
 DESTINATION USER INFORMATION BITS CORRELATED 1600000

CORRELATOR SPECIFICATIONS

USER INFORMATION WINDOW SIZE 16 BITS
 MAXIMUM DATA SHIFT EXECUTED IN BIT ERROR
 IDENTIFICATION ALGORITHM 64000 BITS
 MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT
 IDENTIFICATION ALGORITHM 96000 BITS
 MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT
 IDENTIFICATION ALGORITHM 96000 BITS

 NTIA-ITS (Boulder) 5814

USER INFORMATION TRANSFER ASSESSMENT SUMMARY
 (CONTINUED)

PERFORMANCE STATISTICS

BIT TRANSFER ATTEMPTS 1600000 (+)
 'SUCCESSFUL BIT TRANSFER' OUTCOMES 1600000
 'INCORRECT BIT' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT BIT' OUTCOMES 0
 'LOST BIT' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'LOST BIT' OUTCOMES 0
 'EXTRA BIT' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'EXTRA BIT' OUTCOMES 0
 BLOCK TRANSFER ATTEMPTS 50 (+)
 'SUCCESSFUL BLOCK TRANSFER' OUTCOMES 50
 'INCORRECT BLOCK' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT BLOCK' OUTCOMES 0
 'LOST BLOCK' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'LOST BLOCK' OUTCOMES 0
 'EXTRA BLOCK' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'EXTRA BLOCK' OUTCOMES 0
 TRANSFER SAMPLES 4 (+)
 'TRANSFER DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES 0
 INPUT TIME FOR THROUGHPUT SAMPLE 142.642 SEC
 USER INPUT TIME FOR THROUGHPUT SAMPLE 1.747 SEC
 OUTPUT TIME FOR THROUGHPUT SAMPLE 150.735 SEC
 USER OUTPUT TIME FOR THROUGHPUT SAMPLE 1.675 SEC
 BIT TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE 1568000
 'SUCCESSFUL BIT TRANSFER' OUTCOMES IN THROUGHPUT SAMPLE 1568000
 BLOCK TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE 49

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

 NTIA-ITS (Boulder) 5814

USER INFORMATION TRANSFER ASSESSMENT SUMMARY
 (CONTINUED)

MEASURED PERFORMANCE PARAMETER VALUES

BIT ERROR PROBABILITY 0
 BIT LOSS PROBABILITY 0
 EXTRA BIT PROBABILITY 0
 BLOCK TRANSFER TIME 12.020 SEC
 USER FRACTION OF BLOCK TRANSFER TIME 0.0145
 BLOCK ERROR PROBABILITY 0
 BLOCK LOSS PROBABILITY 0
 EXTRA BLOCK PROBABILITY 0
 TRANSFER DENIAL PROBABILITY 0
 USER INFORMATION BIT TRANSFER RATE 10402 BPS
 USER FRACTION OF INPUT/OUTPUT TIME 0.0116

REDUCTION SPECIFICATIONS

SPECIFIED BLOCK TRANSFER TIME 12.030 SEC
 SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME 0.0500
 SPECIFIED USER INFORMATION BIT TRANSFER RATE
 FOR TRANSFER SAMPLE 10390 BPS
 SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME
 FOR TRANSFER SAMPLE 0.0500
 SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10(-06)
 SPECIFIED BIT LOSS PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10(-08)
 SPECIFIED EXTRA BIT PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10(-08)
 MINIMUM NUMBER OF BIT TRANSFER ATTEMPTS
 IN TRANSFER SAMPLE 320000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 5804

 SOURCE USER NTIA - x.25 over pkt channel
 DESTINATION USER NASA LeRC - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 12/28/94 18:32:07.974 LT
 MEASUREMENT END TIME 12/28/94 18:54:04.259 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5804

ACCESS ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

 ACCESS ATTEMPTS 100 (+)
 'SUCCESSFUL ACCESS' OUTCOMES 100
 'INCORRECT ACCESS' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT ACCESS' OUTCOMES 0
 'ACCESS DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS DENIAL' OUTCOMES 0
 'ACCESS OUTAGE' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS OUTAGE' OUTCOMES 0
 (+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

 ACCESS TIME 1.462 SEC
 USER FRACTION OF ACCESS TIME 0.4755
 INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

 SPECIFIED ACCESS TIME 1.470 SEC
 SPECIFIED USER FRACTION OF ACCESS TIME 0.5000

 NTIA-ITS (Boulder) 5804

SOURCE
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

 DISENGAGEMENT ATTEMPTS 100 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 100
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0
 (+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

 DISENGAGEMENT TIME 1.669 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0203
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

 SPECIFIED DISENGAGEMENT TIME 1.720 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0500
 SPECIFIED ACCESS TIME 1.470 SEC

 NTIA-ITS (Boulder) 5804

DESTINATION
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

 DISENGAGEMENT ATTEMPTS 100 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 100
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0
 (+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

 DISENGAGEMENT TIME 2.286 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.8152
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

 SPECIFIED DISENGAGEMENT TIME 2.340 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.8000
 SPECIFIED ACCESS TIME 1.470 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

NTIA-ITS (Boulder) 5805

SOURCE USER NTIA - x.25 over pkt channel
 DESTINATION USER NASA LeRC - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 01/05/95 12:10:04.009 LT
 MEASUREMENT END TIME 01/05/95 12:32:05.122 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 5805

ACCESS ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

ACCESS ATTEMPTS 100 (+)
 'SUCCESSFUL ACCESS' OUTCOMES 100
 'INCORRECT ACCESS' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT ACCESS' OUTCOMES 0
 'ACCESS DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS DENIAL' OUTCOMES 0
 'ACCESS OUTAGE' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS OUTAGE' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

ACCESS TIME 1.507 SEC
 USER FRACTION OF ACCESS TIME 0.4632
 INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 1.470 SEC
 SPECIFIED USER FRACTION OF ACCESS TIME 0.5000

NTIA-ITS (Boulder) 5805

SOURCE DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 100 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 100
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 1.670 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0206
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 1.720 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0500
 SPECIFIED ACCESS TIME 1.470 SEC

NTIA-ITS (Boulder) 5805

DESTINATION DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 100 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 100
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 2.293 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.8150
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 2.340 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.8000
 SPECIFIED ACCESS TIME 1.470 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 5806

SOURCE USER NTIA - x.25 over pkt channel
 DESTINATION USER NASA LeRC - over ACTS
 ORIGINATING USER SOURCE

SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

MEASUREMENT START TIME 01/05/95 12:41:42.023 LT
 MEASUREMENT END TIME 01/05/95 13:03:41.681 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5806

ACCESS ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

ACCESS ATTEMPTS 100 (+)
 'SUCCESSFUL ACCESS' OUTCOMES 100
 'INCORRECT ACCESS' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT ACCESS' OUTCOMES 0
 'ACCESS DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS DENIAL' OUTCOMES 0
 'ACCESS OUTAGE' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS OUTAGE' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

ACCESS TIME 1.484 SEC
 USER FRACTION OF ACCESS TIME 0.4807

INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 1.470 SEC
 SPECIFIED USER FRACTION OF ACCESS TIME 0.5000

 NTIA-ITS (Boulder) 5806

SOURCE
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 100 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 100
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 1.674 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0221

DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 1.720 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0500

SPECIFIED ACCESS TIME 1.470 SEC

 NTIA-ITS (Boulder) 5806

DESTINATION
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 100 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 100
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 2.295 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.8129

DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 2.340 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.8000

SPECIFIED ACCESS TIME 1.470 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

NTIA-ITS (Boulder) 5809

SOURCE USER NTIA - x.25 over pkt channel
DESTINATION USER NASA LeRC - over ACTS
ORIGINATING USER SOURCE
SESSION CATEGORY CONNECTION ORIENTED
INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
MEASUREMENT START TIME 01/18/95 16:37:22.982 LT
MEASUREMENT END TIME 01/18/95 16:59:21.673 LT
(LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 5809

ACCESS ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

ACCESS ATTEMPTS 100 (+)
'SUCCESSFUL ACCESS' OUTCOMES 100
'INCORRECT ACCESS' OUTCOMES 0
PAIRS OF SUCCESSIVE 'INCORRECT ACCESS' OUTCOMES 0
'ACCESS DENIAL' OUTCOMES 0
PAIRS OF SUCCESSIVE 'ACCESS DENIAL' OUTCOMES 0
'ACCESS OUTAGE' OUTCOMES 0
PAIRS OF SUCCESSIVE 'ACCESS OUTAGE' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

ACCESS TIME 1.494 SEC
USER FRACTION OF ACCESS TIME 0.4750
INCORRECT ACCESS PROBABILITY 0
ACCESS DENIAL PROBABILITY 0
ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 1.470 SEC
SPECIFIED USER FRACTION OF ACCESS TIME 0.5000

NTIA-ITS (Boulder) 5809

SOURCE DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 100 (+)
'SUCCESSFUL DISENGAGEMENT' OUTCOMES 100
'DISENGAGEMENT DENIAL' OUTCOMES 0
PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 1.661 SEC
USER FRACTION OF DISENGAGEMENT TIME 0.0219
DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 1.720 SEC
SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0500
SPECIFIED ACCESS TIME 1.470 SEC

NTIA-ITS (Boulder) 5809

DESTINATION DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 100 (+)
'SUCCESSFUL DISENGAGEMENT' OUTCOMES 100
'DISENGAGEMENT DENIAL' OUTCOMES 0
PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 2.276 SEC
USER FRACTION OF DISENGAGEMENT TIME 0.8162
DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 2.340 SEC
SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.8000
SPECIFIED ACCESS TIME 1.470 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

NTIA-ITS (Boulder) 5810

SOURCE USER NTIA - x.25 over pkt channel
 DESTINATION USER NASA LeRC - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 01/18/95 17:08:01.284 LT
 MEASUREMENT END TIME 01/18/95 17:29:59.555 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 5810

ACCESS ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

ACCESS ATTEMPTS 100 (+)
 'SUCCESSFUL ACCESS' OUTCOMES 100
 'INCORRECT ACCESS' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT ACCESS' OUTCOMES 0
 'ACCESS DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS DENIAL' OUTCOMES 0
 'ACCESS OUTAGE' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS OUTAGE' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

ACCESS TIME 1.489 SEC
 USER FRACTION OF ACCESS TIME 0.4795
 INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 1.470 SEC
 SPECIFIED USER FRACTION OF ACCESS TIME 0.5000

NTIA-ITS (Boulder) 5810

SOURCE
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 100 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 100
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 1.661 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0217
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 1.720 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0500
 SPECIFIED ACCESS TIME 1.470 SEC

NTIA-ITS (Boulder) 5810

DESTINATION
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 100 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 100
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 2.276 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.8154
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 2.340 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.8000
 SPECIFIED ACCESS TIME 1.470 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 5811

SOURCE USER NTIA - x.25 over pkt channel
 DESTINATION USER NASA LeRC - over ACTS
 ORIGINATING USER SOURCE

SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

MEASUREMENT START TIME 01/23/95 14:32:42.175 LT
 MEASUREMENT END TIME 01/23/95 14:54:43.714 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5811

ACCESS ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

ACCESS ATTEMPTS 100 (+)
 'SUCCESSFUL ACCESS' OUTCOMES 100
 'INCORRECT ACCESS' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT ACCESS' OUTCOMES 0
 'ACCESS DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS DENIAL' OUTCOMES 0
 'ACCESS OUTAGE' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS OUTAGE' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

ACCESS TIME 1.508 SEC
 USER FRACTION OF ACCESS TIME 0.4744

INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 1.470 SEC
 SPECIFIED USER FRACTION OF ACCESS TIME 0.5000

 NTIA-ITS (Boulder) 5811

SOURCE
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 100 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 100
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 1.673 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0233

DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 1.720 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0500

SPECIFIED ACCESS TIME 1.470 SEC

 NTIA-ITS (Boulder) 5811

DESTINATION
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 100 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 100
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 2.298 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.8155

DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 2.340 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.8000

SPECIFIED ACCESS TIME 1.470 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 5812

SOURCE USER NTIA - x.25 over pkt channel
 DESTINATION USER NASA LeRC - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 01/23/95 14:57:44.012 LT
 MEASUREMENT END TIME 01/23/95 15:19:45.067 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5812

ACCESS ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

ACCESS ATTEMPTS 100 (+)
 'SUCCESSFUL ACCESS' OUTCOMES 100
 'INCORRECT ACCESS' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT ACCESS' OUTCOMES 0
 'ACCESS DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS DENIAL' OUTCOMES 0
 'ACCESS OUTAGE' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS OUTAGE' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

ACCESS TIME 1.499 SEC
 USER FRACTION OF ACCESS TIME 0.4667
 INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 1.470 SEC
 SPECIFIED USER FRACTION OF ACCESS TIME 0.5000

 NTIA-ITS (Boulder) 5812

SOURCE
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 100 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 100
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 1.675 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0217
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 1.720 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0500
 SPECIFIED ACCESS TIME 1.470 SEC

 NTIA-ITS (Boulder) 5812

DESTINATION
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 100 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 100
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 2.299 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.8139
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 2.340 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.8000
 SPECIFIED ACCESS TIME 1.470 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

NTIA-ITS (Boulder) 5901

SOURCE USER NTIA - ISDN
 DESTINATION USER NASA LeRC - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 01/05/95 17:01:37.855 LT
 MEASUREMENT END TIME 01/05/95 17:30:43.642 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 5901

ACCESS ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

ACCESS ATTEMPTS 40 (+)
 'SUCCESSFUL ACCESS' OUTCOMES 40
 'INCORRECT ACCESS' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT ACCESS' OUTCOMES 0
 'ACCESS DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS DENIAL' OUTCOMES 0
 'ACCESS OUTAGE' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS OUTAGE' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

ACCESS TIME 24.511 SEC
 USER FRACTION OF ACCESS TIME 0.0045
 INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 23.480 SEC
 SPECIFIED USER FRACTION OF ACCESS TIME 0.0100

NTIA-ITS (Boulder) 5901

SOURCE
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 40 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 40
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 4.231 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0216
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 3.950 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0100
 SPECIFIED ACCESS TIME 23.480 SEC

NTIA-ITS (Boulder) 5901

DESTINATION
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 40 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 40
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 1.845 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0403
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 1.810 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0500
 SPECIFIED ACCESS TIME 23.480 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

NTIA-ITS (Boulder) 5902

SOURCE USER NTIA - ISDN
 DESTINATION USER NASA LeRC - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 01/05/95 17:36:46.892 LT
 MEASUREMENT END TIME 01/05/95 18:05:51.023 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 5902

ACCESS ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

ACCESS ATTEMPTS 40 (+)
 'SUCCESSFUL ACCESS' OUTCOMES 40
 'INCORRECT ACCESS' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT ACCESS' OUTCOMES 0
 'ACCESS DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS DENIAL' OUTCOMES 0
 'ACCESS OUTAGE' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS OUTAGE' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

ACCESS TIME 24.530 SEC
 USER FRACTION OF ACCESS TIME 0.0043
 INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 23.480 SEC
 SPECIFIED USER FRACTION OF ACCESS TIME 0.0100

NTIA-ITS (Boulder) 5902

SOURCE DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 40 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 40
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 4.170 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0223
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 3.950 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0100
 SPECIFIED ACCESS TIME 23.480 SEC

NTIA-ITS (Boulder) 5902

DESTINATION DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 40 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 40
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 1.848 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0411
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 1.810 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0500
 SPECIFIED ACCESS TIME 23.480 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 5903

SOURCE USER NTIA - ISDN
 DESTINATION USER NASA LeRC - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 01/10/95 10:43:41.860 LT
 MEASUREMENT END TIME 01/10/95 11:14:11.059 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5903

ACCESS ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

ACCESS ATTEMPTS 40 (+)
 'SUCCESSFUL ACCESS' OUTCOMES 40
 'INCORRECT ACCESS' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT ACCESS' OUTCOMES 0
 'ACCESS DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS DENIAL' OUTCOMES 0
 'ACCESS OUTAGE' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS OUTAGE' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

ACCESS TIME 26.866 SEC
 USER FRACTION OF ACCESS TIME 0.0039
 INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 23.480 SEC
 SPECIFIED USER FRACTION OF ACCESS TIME 0.0100

 NTIA-ITS (Boulder) 5903

SOURCE
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 40 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 40
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 3.965 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0231
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 3.950 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0100
 SPECIFIED ACCESS TIME 23.480 SEC

 NTIA-ITS (Boulder) 5903

DESTINATION
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 40 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 40
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 1.871 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0398
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 1.810 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0500
 SPECIFIED ACCESS TIME 23.480 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 5904

 SOURCE USER NTIA - ISDN
 DESTINATION USER NASA LeRC - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 01/10/95 16:06:10.859 LT
 MEASUREMENT END TIME 01/10/95 16:37:17.196 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5904

ACCESS ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

ACCESS ATTEMPTS 40 (+)
 'SUCCESSFUL ACCESS' OUTCOMES 40
 'INCORRECT ACCESS' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT ACCESS' OUTCOMES 0
 'ACCESS DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS DENIAL' OUTCOMES 0
 'ACCESS OUTAGE' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS OUTAGE' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

ACCESS TIME 27.346 SEC
 USER FRACTION OF ACCESS TIME 0.0039
 INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 23.480 SEC
 SPECIFIED USER FRACTION OF ACCESS TIME 0.0100

 NTIA-ITS (Boulder) 5904

SOURCE
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 40 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 40
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 4.409 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0210
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 3.950 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0100
 SPECIFIED ACCESS TIME 23.480 SEC

 NTIA-ITS (Boulder) 5904

DESTINATION
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 40 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 40
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 1.860 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0406
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 1.810 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0500
 SPECIFIED ACCESS TIME 23.480 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 5905

 SOURCE USER NTIA - ISDN service
 DESTINATION USER NASA LeRC - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 01/19/95 15:19:34.848 LT
 MEASUREMENT END TIME 01/19/95 15:50:01.429 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5905

ACCESS ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

ACCESS ATTEMPTS 40 (+)
 'SUCCESSFUL ACCESS' OUTCOMES 40
 'INCORRECT ACCESS' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT ACCESS' OUTCOMES 0
 'ACCESS DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS DENIAL' OUTCOMES 0
 'ACCESS OUTAGE' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS OUTAGE' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

ACCESS TIME 26.962 SEC
 USER FRACTION OF ACCESS TIME 0.0040
 INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 23.480 SEC
 SPECIFIED USER FRACTION OF ACCESS TIME 0.0100

 NTIA-ITS (Boulder) 5905

SOURCE
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 40 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 40
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 3.802 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0242
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 3.950 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0100
 SPECIFIED ACCESS TIME 23.480 SEC

 NTIA-ITS (Boulder) 5905

DESTINATION
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 40 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 40
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 1.823 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0412
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 1.810 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0500
 SPECIFIED ACCESS TIME 23.480 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

NTIA-ITS (Boulder) 5906

SOURCE USER NTIA - ISDN service
 DESTINATION USER NASA LeRC - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 01/19/95 16:01:18.956 LT
 MEASUREMENT END TIME 01/19/95 16:31:48.021 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 5906

ACCESS ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

ACCESS ATTEMPTS 40 (+)
 'SUCCESSFUL ACCESS' OUTCOMES 40
 'INCORRECT ACCESS' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT ACCESS' OUTCOMES 0
 'ACCESS DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS DENIAL' OUTCOMES 0
 'ACCESS OUTAGE' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS OUTAGE' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

ACCESS TIME 26.932 SEC
 USER FRACTION OF ACCESS TIME 0.0041
 INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 23.480 SEC
 SPECIFIED USER FRACTION OF ACCESS TIME 0.0100

NTIA-ITS (Boulder) 5906

SOURCE
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 40 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 40
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 3.895 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0236
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 3.950 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0100
 SPECIFIED ACCESS TIME 23.480 SEC

NTIA-ITS (Boulder) 5906

DESTINATION
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 40 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 40
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 1.824 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0410
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 1.810 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0500
 SPECIFIED ACCESS TIME 23.480 SEC


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PERFORMANCE ASSESSMENT SUMMARY
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PERFORMANCE DATA BATCH
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NTIA-ITS (Boulder) 5907
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SOURCE USER . . . . . NTIA - ISDN service
DESTINATION USER . . . . . NASA LeRC - over ACTS
ORIGINATING USER . . . . . SOURCE

SESSION CATEGORY . . . . . CONNECTION ORIENTED
INITIAL DISENGAGEMENT CATEGORY . . . . . NEGOTIATED

MEASUREMENT START TIME . . . . . 02/06/95 14:19:46.813 LT
MEASUREMENT END TIME . . . . . 02/06/95 14:48:59.288 LT
(LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)
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NTIA-ITS (Boulder) 5907
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ACCESS ASSESSMENT SUMMARY
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PERFORMANCE STATISTICS
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ACCESS ATTEMPTS . . . . . 40 (+)
'SUCCESSFUL ACCESS' OUTCOMES . . . . . 40
'INCORRECT ACCESS' OUTCOMES . . . . . 0
PAIRS OF SUCCESSIVE 'INCORRECT ACCESS' OUTCOMES . . . . . 0
'ACCESS DENIAL' OUTCOMES . . . . . 0
PAIRS OF SUCCESSIVE 'ACCESS DENIAL' OUTCOMES . . . . . 0
'ACCESS OUTAGE' OUTCOMES . . . . . 0
PAIRS OF SUCCESSIVE 'ACCESS OUTAGE' OUTCOMES . . . . . 0
(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES
-----
ACCESS TIME . . . . . 24.776 SEC
USER FRACTION OF ACCESS TIME . . . . . 0.0043
INCORRECT ACCESS PROBABILITY . . . . . 0
ACCESS DENIAL PROBABILITY . . . . . 0
ACCESS OUTAGE PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS
-----
SPECIFIED ACCESS TIME . . . . . 23.480 SEC
SPECIFIED USER FRACTION OF ACCESS TIME . . . . . 0.0100
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NTIA-ITS (Boulder) 5907
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SOURCE
DISENGAGEMENT ASSESSMENT SUMMARY
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PERFORMANCE STATISTICS
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DISENGAGEMENT ATTEMPTS . . . . . 40 (+)
'SUCCESSFUL DISENGAGEMENT' OUTCOMES . . . . . 40
'DISENGAGEMENT DENIAL' OUTCOMES . . . . . 0
PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES . . . . . 0
(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES
-----
DISENGAGEMENT TIME . . . . . 4.131 SEC
USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0221
DISENGAGEMENT DENIAL PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS
-----
SPECIFIED DISENGAGEMENT TIME . . . . . 3.950 SEC
SPECIFIED USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0100
SPECIFIED ACCESS TIME . . . . . 23.480 SEC
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NTIA-ITS (Boulder) 5907
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DESTINATION
DISENGAGEMENT ASSESSMENT SUMMARY
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PERFORMANCE STATISTICS
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DISENGAGEMENT ATTEMPTS . . . . . 40 (+)
'SUCCESSFUL DISENGAGEMENT' OUTCOMES . . . . . 40
'DISENGAGEMENT DENIAL' OUTCOMES . . . . . 0
PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES . . . . . 0
(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES
-----
DISENGAGEMENT TIME . . . . . 1.877 SEC
USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0396
DISENGAGEMENT DENIAL PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS
-----
SPECIFIED DISENGAGEMENT TIME . . . . . 1.810 SEC
SPECIFIED USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0500
SPECIFIED ACCESS TIME . . . . . 23.480 SEC
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PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

NTIA-ITS (Boulder) 5908

SOURCE USER NTIA - ISDN service
 DESTINATION USER NASA LeRC - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 02/06/95 15:00:50.846 LT
 MEASUREMENT END TIME 02/06/95 15:29:56.737 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 5908

ACCESS ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

ACCESS ATTEMPTS 40 (+)
 'SUCCESSFUL ACCESS' OUTCOMES 40
 'INCORRECT ACCESS' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT ACCESS' OUTCOMES 0
 'ACCESS DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS DENIAL' OUTCOMES 0
 'ACCESS OUTAGE' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS OUTAGE' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

ACCESS TIME 24.613 SEC
 USER FRACTION OF ACCESS TIME 0.0043
 INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 23.480 SEC
 SPECIFIED USER FRACTION OF ACCESS TIME 0.0100

NTIA-ITS (Boulder) 5908

SOURCE
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 40 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 40
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 4.134 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0221
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 3.950 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0100
 SPECIFIED ACCESS TIME 23.480 SEC

NTIA-ITS (Boulder) 5908

DESTINATION
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 40 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 40
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0

(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

MEASURED PERFORMANCE PARAMETER VALUES

DISENGAGEMENT TIME 1.877 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0396
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 1.810 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0500
 SPECIFIED ACCESS TIME 23.480 SEC

 PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 5909

 SOURCE USER NTIA - ISDN service
 DESTINATION USER NASA LeRC - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 02/06/95 15:30:49.813 LT
 MEASUREMENT END TIME 02/06/95 15:59:58.076 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5909

 ACCESS ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

 ACCESS ATTEMPTS 40 (+)
 'SUCCESSFUL ACCESS' OUTCOMES 40
 'INCORRECT ACCESS' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'INCORRECT ACCESS' OUTCOMES 0
 'ACCESS DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS DENIAL' OUTCOMES 0
 'ACCESS OUTAGE' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'ACCESS OUTAGE' OUTCOMES 0
 (+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

 MEASURED PERFORMANCE PARAMETER VALUES

 ACCESS TIME 24.677 SEC
 USER FRACTION OF ACCESS TIME 0.0042
 INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

 REDUCTION SPECIFICATIONS

 SPECIFIED ACCESS TIME 23.480 SEC
 SPECIFIED USER FRACTION OF ACCESS TIME 0.0100

 NTIA-ITS (Boulder) 5909

 SOURCE
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

 DISENGAGEMENT ATTEMPTS 40 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 40
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0
 (+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

 MEASURED PERFORMANCE PARAMETER VALUES

 DISENGAGEMENT TIME 4.128 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0221
 DISENGAGEMENT DENIAL PROBABILITY 0

 REDUCTION SPECIFICATIONS

 SPECIFIED DISENGAGEMENT TIME 3.950 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0100
 SPECIFIED ACCESS TIME 23.480 SEC

 NTIA-ITS (Boulder) 5909

 DESTINATION
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

 DISENGAGEMENT ATTEMPTS 40 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 40
 'DISENGAGEMENT DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'DISENGAGEMENT DENIAL' OUTCOMES 0
 (+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

 MEASURED PERFORMANCE PARAMETER VALUES

 DISENGAGEMENT TIME 1.877 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0396
 DISENGAGEMENT DENIAL PROBABILITY 0

 REDUCTION SPECIFICATIONS

 SPECIFIED DISENGAGEMENT TIME 1.810 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 0.0500
 SPECIFIED ACCESS TIME 23.480 SEC

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14. SUPPLEMENTARY NOTES			
15. ABSTRACT (A 200-word or less factual summary of most significant information. If document includes a significant bibliography or literature survey, mention it here.) The results of a series of data communication tests, which define the digital end-to-end performance of the Advanced Communication Technology Satellite (ACTS), are presented. The experiment consisted of a test set characterization to determine the effect of the test set on the results, a preliminary characterization to define the failure/non-performance outcome thresholds, and a full characterization. The experiments' design, execution, and analysis comply with the American National Standards X3.102 and X3.141. The tests showed that ACTS has a very clean data channel (only one lost byte was recorded during all the tests), the X.25 packet mode did not perform as well as expected, and the parameter estimates did not vary substantially over time or destination location.			
16. Key Words (Alphabetical order, separated by semicolons) ACTS; ANSI X3.102; ANSI X3.141; Advanced Communication Technology Satellite; satellite communications			
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