

APPENDIX A

This appendix contains the test set characterization result summaries. Each test was run five times and the combined results are analyzed in Section 2.

Table A1 shows the test number and a description of the test.¹³ The following pages are arranged as follows: modem service tests first, X.25 via circuit service tests next, and the ISDN service tests last. The test summaries contain information to identify the test, an assessment summary, the measured performance parameter values (mean values over all the trials), and reduction specifications (i.e., the specified values used). In addition, for the User Information Transfer tests, a correlation summary and specifications are included.

The specified values used to determine the test set characterization parameter values were set low enough so that all data would be used to determine the mean values. This was especially important for the Preliminary Characterization Tests so that the measured mean values included all the measurements (and are not biased by omitting some of the poorer test results). This mean value was used in the Full Characterization Tests to define the specified values.

¹³ In the table, A/D stands for Access/Disengagement and CKT stands for circuit.

Table A1. Summaries of Individual Test Set Characterization Tests

Test #	Date	# of Trials	Summary
5100	4/12/94	50	Modem UIT test - 4000 bytes/block and 0 sec. between trials
5101	4/12/94	50	"
5102	4/12/94	50	"
5103	4/12/94	50	"
5104	4/12/94	50	"
5105	4/12/94	20	Modem A/D tests - 2000 bytes/block & 10 sec. between trials
5106	4/12/94	20	"
5107	4/13/94	20	"
5108	4/15/94	20	"
5109	4/15/94	20	"
3101	11/2/94	50	X.25 over CKT switched channel UIT tests - 4000 bytes/block and 10 sec. between trials
3102	11/2/94	50	"
3103	11/2/94	50	"
3104	11/2/94	50	"
3105	11/2/94	50	"
3106	5/3/94	100	X.25 over CKT switched channel A/D tests - 2000 bytes/block and 0 sec. between trials
3107	5/3/94	100	"
3108	5/3/94	100	"
3109	5/3/94	100	"
3110	5/3/94	100	"
3201	10/25/94	40	ISDN A/D tests - 2000 bytes/block and 10 seconds between trials
3202	10/25/94	40	"
3203	10/25/94	40	"
3204	10/25/94	40	"
3205	10/25/94	40	"

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

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NTIA-ITS (Boulder)                               5100
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SOURCE USER . . . . . NTIA - modem
DESTINATION USER . . . . . NTIA - loop back mode
ORIGINATING USER . . . . . SOURCE

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

MEASUREMENT START TIME . . . . . 04/12/94 10:04:40.850 LT
MEASUREMENT END TIME . . . . . 04/12/94 10:08:50.470 LT
(LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)
    
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NTIA-ITS (Boulder)                               5100
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USER INFORMATION TRANSFER ASSESSMENT SUMMARY

CORRELATION SUMMARY

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CORRELATOR OUTPUT BLOCKS . . . . . 50
* 'CORRECT' BCOS . . . . . 1600000
* 'INCORRECT' BCOS . . . . . 1600000
* '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
    
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CORRELATOR SPECIFICATIONS

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USER INFORMATION WINDOW SIZE . . . . . 16 BITS
* MAXIMUM DATA SHIFT EXECUTED IN BIT ERROR
  IDENTIFICATION ALGORITHM . . . . . 256 BITS
* MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT
  IDENTIFICATION ALGORITHM . . . . . 8192 BITS
* MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT
  IDENTIFICATION ALGORITHM . . . . . 8192 BITS
    
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NTIA-ITS (Boulder)                               5100
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USER INFORMATION TRANSFER ASSESSMENT SUMMARY
(CONTINUED)

PERFORMANCE STATISTICS

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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 . . . . . 49 (+)
'TRANSFER DENIAL' OUTCOMES . . . . . 0
PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES . . . . . 0

INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 195.935 SEC
USER INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 1.735 SEC
OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 204.296 SEC
USER OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 2.267 SEC
BIT TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE . . . . . 1568000
'SUCCESSFUL BIT TRANSFER' OUTCOMES IN THROUGHPUT SAMPLE . . . . . 1568000
BLOCK TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE . . . . . 49
    
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(+) THIS NUMBER EXCLUDES ATTEMPTS THAT FAIL DUE TO USER NONPERFORMANCE

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NTIA-ITS (Boulder)                               5100
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USER INFORMATION TRANSFER ASSESSMENT SUMMARY
(CONTINUED)

MEASURED PERFORMANCE PARAMETER VALUES

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

BLOCK TRANSFER TIME . . . . . 12.356 SEC
USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0108

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

TRANSFER DENIAL PROBABILITY . . . . . 0

USER INFORMATION BIT TRANSFER RATE . . . . . 7675 BPS
USER FRACTION OF INPUT/OUTPUT TIME . . . . . 0.0111
    
```

REDUCTION SPECIFICATIONS

```

SPECIFIED BLOCK TRANSFER TIME . . . . . 6.000 SEC
SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.5000

SPECIFIED USER INFORMATION BIT TRANSFER RATE
FOR TRANSFER SAMPLE . . . . . 1000 BPS
SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME
FOR TRANSFER SAMPLE . . . . . 0.5000

SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10(-08)
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 . . . . . 30000
    
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PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

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NTIA-ITS (Boulder)                               5101
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SOURCE USER . . . . . NTIA - modem
DESTINATION USER . . . . . NTIA - loop back mode
ORIGINATING USER . . . . . SOURCE

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

MEASUREMENT START TIME . . . . . 04/12/94 10:10:23.855 LT
MEASUREMENT END TIME . . . . . 04/12/94 10:14:33.585 LT
(LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)
    
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NTIA-ITS (Boulder)                               5101
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USER INFORMATION TRANSFER ASSESSMENT SUMMARY

CORRELATION SUMMARY

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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
    
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CORRELATOR SPECIFICATIONS

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USER INFORMATION WINDOW SIZE . . . . . 16 BITS
MAXIMUM DATA SHIFT EXECUTED IN BIT ERROR
IDENTIFICATION ALGORITHM . . . . . 256 BITS
MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT
IDENTIFICATION ALGORITHM . . . . . 8192 BITS
MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT
IDENTIFICATION ALGORITHM . . . . . 8192 BITS
    
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NTIA-ITS (Boulder)                               5101
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USER INFORMATION TRANSFER ASSESSMENT SUMMARY (CONTINUED)

PERFORMANCE STATISTICS

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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 . . . . . 49 (+)
'TRANSFER DENIAL' OUTCOMES . . . . . 0
PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES . . . . . 0

INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 195.935 SEC
USER INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 1.736 SEC
OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 204.231 SEC
USER OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 2.059 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
    
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NTIA-ITS (Boulder)                               5101
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USER INFORMATION TRANSFER ASSESSMENT SUMMARY (CONTINUED)

MEASURED PERFORMANCE PARAMETER VALUES

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

BLOCK TRANSFER TIME . . . . . 12.335 SEC
USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0097

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

TRANSFER DENIAL PROBABILITY . . . . . 0

USER INFORMATION BIT TRANSFER RATE . . . . . 7678 BPS
USER FRACTION OF INPUT/OUTPUT TIME . . . . . 0.0101
    
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REDUCTION SPECIFICATIONS

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SPECIFIED BLOCK TRANSFER TIME . . . . . 6.000 SEC
SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.5000

SPECIFIED USER INFORMATION BIT TRANSFER RATE
FOR TRANSFER SAMPLE . . . . . 1000 BPS
SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME
FOR TRANSFER SAMPLE . . . . . 0.5000

SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10(-08)
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 . . . . . 30000
    
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PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

NTIA-ITS (Boulder) 5102

SOURCE USER NTIA - modem

DESTINATION USER NTIA - loop back mode

ORIGINATING USER SOURCE

SESSION CATEGORY CONNECTION ORIENTED

INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

MEASUREMENT START TIME 04/12/94 10:16:31.859 LT

MEASUREMENT END TIME 04/12/94 10:20:42.312 LT

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

NTIA-ITS (Boulder) 5102

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 256 BITS

MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT IDENTIFICATION ALGORITHM 8192 BITS

MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT IDENTIFICATION ALGORITHM 8192 BITS

NTIA-ITS (Boulder) 5102

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 49 (+)

'TRANSFER DENIAL' OUTCOMES 0

PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES 0

INPUT TIME FOR THROUGHPUT SAMPLE 195.935 SEC

USER INPUT TIME FOR THROUGHPUT SAMPLE 1.739 SEC

OUTPUT TIME FOR THROUGHPUT SAMPLE 204.235 SEC

USER OUTPUT TIME FOR THROUGHPUT SAMPLE 2.268 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) 5102

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 12.348 SEC

USER FRACTION OF BLOCK TRANSFER TIME 0.0108

BLOCK ERROR PROBABILITY 0

BLOCK LOSS PROBABILITY 0

EXTRA BLOCK PROBABILITY 0

TRANSFER DENIAL PROBABILITY 0

USER INFORMATION BIT TRANSFER RATE 7677 BPS

USER FRACTION OF INPUT/OUTPUT TIME 0.0111

REDUCTION SPECIFICATIONS

SPECIFIED BLOCK TRANSFER TIME 6.000 SEC

SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME 0.5000

SPECIFIED USER INFORMATION BIT TRANSFER RATE FOR TRANSFER SAMPLE 1000 BPS

SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME FOR TRANSFER SAMPLE 0.5000

SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10(-08)

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 30000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 5103

 SOURCE USER NTIA - modem
 DESTINATION USER NTIA - loop back mode
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 04/12/94 10:23:15.926 LT
 MEASUREMENT END TIME 04/12/94 10:27:26.209 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5103

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 256 BITS
 MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT
 IDENTIFICATION ALGORITHM 8192 BITS
 MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT
 IDENTIFICATION ALGORITHM 8192 BITS

 NTIA-ITS (Boulder)

5103

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 49 (+)
 'TRANSFER DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES 0
 INPUT TIME FOR THROUGHPUT SAMPLE 195.935 SEC
 USER INPUT TIME FOR THROUGHPUT SAMPLE 1.741 SEC
 OUTPUT TIME FOR THROUGHPUT SAMPLE 204.278 SEC
 USER OUTPUT TIME FOR THROUGHPUT SAMPLE 2.276 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)

5103

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 12.349 SEC
 USER FRACTION OF BLOCK TRANSFER TIME 0.0109
 BLOCK ERROR PROBABILITY 0
 BLOCK LOSS PROBABILITY 0
 EXTRA BLOCK PROBABILITY 0
 TRANSFER DENIAL PROBABILITY 0
 USER INFORMATION BIT TRANSFER RATE 7676 BPS
 USER FRACTION OF INPUT/OUTPUT TIME 0.0111

 REDUCTION SPECIFICATIONS

SPECIFIED BLOCK TRANSFER TIME 6.000 SEC
 SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME 0.5000
 SPECIFIED USER INFORMATION BIT TRANSFER RATE
 FOR TRANSFER SAMPLE 1000 BPS
 SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME
 FOR TRANSFER SAMPLE 0.5000
 SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10(-08)
 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 30000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 5104

 SOURCE USER NTIA - modem
 DESTINATION USER NTIA - loop back mode
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 04/12/94 10:29:45.938 LT
 MEASUREMENT END TIME 04/12/94 10:33:56.418 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5104

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 256 BITS
 MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT
 IDENTIFICATION ALGORITHM 8192 BITS
 MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT
 IDENTIFICATION ALGORITHM 8192 BITS

 NTIA-ITS (Boulder) 5104

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 49 (+)
 'TRANSFER DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES 0
 INPUT TIME FOR THROUGHPUT SAMPLE 195.935 SEC
 USER INPUT TIME FOR THROUGHPUT SAMPLE 1.733 SEC
 OUTPUT TIME FOR THROUGHPUT SAMPLE 204.360 SEC
 USER OUTPUT TIME FOR THROUGHPUT SAMPLE 2.018 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) 5104

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 12.366 SEC
 USER FRACTION OF BLOCK TRANSFER TIME 0.0096
 BLOCK ERROR PROBABILITY 0
 BLOCK LOSS PROBABILITY 0
 EXTRA BLOCK PROBABILITY 0
 TRANSFER DENIAL PROBABILITY 0
 USER INFORMATION BIT TRANSFER RATE 7673 BPS
 USER FRACTION OF INPUT/OUTPUT TIME 0.0099

 REDUCTION SPECIFICATIONS

SPECIFIED BLOCK TRANSFER TIME 6.000 SEC
 SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME 0.5000
 SPECIFIED USER INFORMATION BIT TRANSFER RATE
 FOR TRANSFER SAMPLE 1000 BPS
 SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME
 FOR TRANSFER SAMPLE 0.5000
 SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10(-08)
 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 30000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

```

-----
NTIA-ITS (Boulder)                               5105
-----
SOURCE USER . . . . . NTIA - modem
DESTINATION USER . . . . . NTIA - loop back mode
ORIGINATING USER . . . . . SOURCE
SESSION CATEGORY . . . . . CONNECTION ORIENTED
INITIAL DISENGAGEMENT CATEGORY . . . . . NEGOTIATED
MEASUREMENT START TIME . . . . . 04/12/94 13:25:35.975 LT
MEASUREMENT END TIME . . . . . 04/12/94 13:44:07.846 LT
(LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)
  
```

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-----
NTIA-ITS (Boulder)                               5105
-----
  
```

ACCESS ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

```

ACCESS ATTEMPTS . . . . . 20 (+)
'SUCCESSFUL ACCESS' OUTCOMES . . . . . 20
'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 . . . . . 33.241 SEC
USER FRACTION OF ACCESS TIME . . . . . 0.0037
INCORRECT ACCESS PROBABILITY . . . . . 0
ACCESS DENIAL PROBABILITY . . . . . 0
ACCESS OUTAGE PROBABILITY . . . . . 0
  
```

REDUCTION SPECIFICATIONS

```

SPECIFIED ACCESS TIME . . . . . 80.000 SEC
SPECIFIED USER FRACTION OF ACCESS TIME . . . . . 1.5000
  
```

```

-----
NTIA-ITS (Boulder)                               5105
-----
  
```

SOURCE
DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

```

DISENGAGEMENT ATTEMPTS . . . . . 20 (+)
'SUCCESSFUL DISENGAGEMENT' OUTCOMES . . . . . 20
'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 . . . . . 7.960 SEC
USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0113
DISENGAGEMENT DENIAL PROBABILITY . . . . . 0
  
```

REDUCTION SPECIFICATIONS

```

SPECIFIED DISENGAGEMENT TIME . . . . . 45.000 SEC
SPECIFIED USER FRACTION OF DISENGAGEMENT TIME . . . . . 1.0000
SPECIFIED ACCESS TIME . . . . . 80.000 SEC
  
```

```

-----
NTIA-ITS (Boulder)                               5105
-----
  
```

DESTINATION
DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

```

DISENGAGEMENT ATTEMPTS . . . . . 20 (+)
'SUCCESSFUL DISENGAGEMENT' OUTCOMES . . . . . 20
'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 . . . . . 2.154 SEC
USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0340
DISENGAGEMENT DENIAL PROBABILITY . . . . . 0
  
```

REDUCTION SPECIFICATIONS

```

SPECIFIED DISENGAGEMENT TIME . . . . . 5.000 SEC
SPECIFIED USER FRACTION OF DISENGAGEMENT TIME . . . . . 1.0000
SPECIFIED ACCESS TIME . . . . . 80.000 SEC
  
```



```

*****
PERFORMANCE ASSESSMENT SUMMARY
*****

PERFORMANCE DATA BATCH
-----
NTIA-ITS (Boulder) 5106

SOURCE USER . . . . . NTIA - modem
DESTINATION USER . . . . . NTIA - loop back mode
ORIGINATING USER . . . . . SOURCE

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

MEASUREMENT START TIME . . . . . 04/12/94 16:01:39.822 LT
MEASUREMENT END TIME . . . . . 04/12/94 16:20:20.526 LT
(LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

```

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-----
NTIA-ITS (Boulder) 5106
-----

```

```

*****
ACCESS ASSESSMENT SUMMARY
*****

PERFORMANCE STATISTICS
-----
ACCESS ATTEMPTS . . . . . 20 (+)
'SUCCESSFUL ACCESS' OUTCOMES . . . . . 20
'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 . . . . . 33.646 SEC
USER FRACTION OF ACCESS TIME . . . . . 0.0034
INCORRECT ACCESS PROBABILITY . . . . . 0
ACCESS DENIAL PROBABILITY . . . . . 0
ACCESS OUTAGE PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS
-----
SPECIFIED ACCESS TIME . . . . . 80.000 SEC
SPECIFIED USER FRACTION OF ACCESS TIME . . . . . 1.5000

```

```

-----
NTIA-ITS (Boulder) 5106
-----

SOURCE
DISENGAGEMENT ASSESSMENT SUMMARY
*****

PERFORMANCE STATISTICS
-----
DISENGAGEMENT ATTEMPTS . . . . . 20 (+)
'SUCCESSFUL DISENGAGEMENT' OUTCOMES . . . . . 20
'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 . . . . . 7.997 SEC
USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0113
DISENGAGEMENT DENIAL PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS
-----
SPECIFIED DISENGAGEMENT TIME . . . . . 45.000 SEC
SPECIFIED USER FRACTION OF DISENGAGEMENT TIME . . . . . 1.0000
SPECIFIED ACCESS TIME . . . . . 80.000 SEC

```

```

-----
NTIA-ITS (Boulder) 5106
-----

```

```

*****
DESTINATION
DISENGAGEMENT ASSESSMENT SUMMARY
*****

PERFORMANCE STATISTICS
-----
DISENGAGEMENT ATTEMPTS . . . . . 20 (+)
'SUCCESSFUL DISENGAGEMENT' OUTCOMES . . . . . 20
'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 . . . . . 2.154 SEC
USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0339
DISENGAGEMENT DENIAL PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS
-----
SPECIFIED DISENGAGEMENT TIME . . . . . 5.000 SEC
SPECIFIED USER FRACTION OF DISENGAGEMENT TIME . . . . . 1.0000
SPECIFIED ACCESS TIME . . . . . 80.000 SEC

```


PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 5108

 SOURCE USER NTIA - modem
 DESTINATION USER NTIA - loop back mode
 ORIGINATING USER SOURCE

 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 04/15/94 09:28:26.769 LT
 MEASUREMENT END TIME 04/15/94 09:46:58.226 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5108

ACCESS ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

ACCESS ATTEMPTS 20 (+)
 'SUCCESSFUL ACCESS' OUTCOMES 20
 '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 33.371 SEC
 USER FRACTION OF ACCESS TIME 0.0035
 INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 80.000 SEC
 SPECIFIED USER FRACTION OF ACCESS TIME 1.5000

 NTIA-ITS (Boulder) 5108

SOURCE
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 20 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 20
 '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 7.810 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0115
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 45.000 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 1.0000
 SPECIFIED ACCESS TIME 80.000 SEC

 NTIA-ITS (Boulder) 5108

DESTINATION
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 20 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 20
 '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 2.155 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0339
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 5.000 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 1.0000
 SPECIFIED ACCESS TIME 80.000 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 5109

 SOURCE USER NTIA - modem
 DESTINATION USER NTIA - loop back mode
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 04/15/94 11:58:42.627 LT
 MEASUREMENT END TIME 04/15/94 12:17:36.822 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5109

ACCESS ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

ACCESS ATTEMPTS 20 (+)
 'SUCCESSFUL ACCESS' OUTCOMES 20
 '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 34.075 SEC
 USER FRACTION OF ACCESS TIME 0.0033
 INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 80.000 SEC
 SPECIFIED USER FRACTION OF ACCESS TIME 1.5000

 NTIA-ITS (Boulder) 5109

SOURCE
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 20 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 20
 '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 8.244 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0110
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 45.000 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 1.0000
 SPECIFIED ACCESS TIME 80.000 SEC

 NTIA-ITS (Boulder) 5109

DESTINATION
 DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

DISENGAGEMENT ATTEMPTS 20 (+)
 'SUCCESSFUL DISENGAGEMENT' OUTCOMES 20
 '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 2.155 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0342
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 5.000 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 1.0000
 SPECIFIED ACCESS TIME 80.000 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 3101

 SOURCE USER NTIA - x.25 over ckt channel
 DESTINATION USER NTIA - characterize testsets
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 11/02/94 11:28:48.938 LT
 MEASUREMENT END TIME 11/02/94 11:29:14.866 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 3101

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 256 BITS
 * MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT
 * IDENTIFICATION ALGORITHM 8192 BITS
 * MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT
 * IDENTIFICATION ALGORITHM 8192 BITS

 NTIA-ITS (Boulder) 3101

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 49 (+)
 * 'TRANSFER DENIAL' OUTCOMES 0
 * PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES 0
 * INPUT TIME FOR THROUGHPUT SAMPLE 9.583 SEC
 * USER INPUT TIME FOR THROUGHPUT SAMPLE 1.668 SEC
 * OUTPUT TIME FOR THROUGHPUT SAMPLE 24.876 SEC
 * USER OUTPUT TIME FOR THROUGHPUT SAMPLE 1.670 SEC
 * BIT TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE 156800
 * 'SUCCESSFUL BIT TRANSFER' OUTCOMES IN THROUGHPUT SAMPLE 156800
 * BLOCK TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE 49

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

 NTIA-ITS (Boulder) 3101

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 9.567 SEC
 * USER FRACTION OF BLOCK TRANSFER TIME 0.0683
 * BLOCK ERROR PROBABILITY 0
 * BLOCK LOSS PROBABILITY 0
 * EXTRA BLOCK PROBABILITY 0
 * TRANSFER DENIAL PROBABILITY 0
 * USER INFORMATION BIT TRANSFER RATE 63033 BPS
 * USER FRACTION OF INPUT/OUTPUT TIME 0.0671

 REDUCTION SPECIFICATIONS

* SPECIFIED BLOCK TRANSFER TIME 6.000 SEC
 * SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME 0.5000
 * SPECIFIED USER INFORMATION BIT TRANSFER RATE
 * FOR TRANSFER SAMPLE 1000 BPS
 * SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME
 * FOR TRANSFER SAMPLE 0.5000
 * SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10(-08)
 * 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 30000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 3102

SOURCE USER NTIA - x.25 over ckt channel
 DESTINATION USER NTIA - characterize testsets
 ORIGINATING USER SOURCE

SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

MEASUREMENT START TIME 11/02/94 11:29:58.943 LT
 MEASUREMENT END TIME 11/02/94 11:30:24.895 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 3102

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 256 BITS

* MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT
 * IDENTIFICATION ALGORITHM 8192 BITS

* MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT
 * IDENTIFICATION ALGORITHM 8192 BITS

 NTIA-ITS (Boulder) 3102

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 49 (+)
 * 'TRANSFER DENIAL' OUTCOMES 0
 * PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES 0

* INPUT TIME FOR THROUGHPUT SAMPLE 9.596 SEC
 * USER INPUT TIME FOR THROUGHPUT SAMPLE 1.668 SEC
 * OUTPUT TIME FOR THROUGHPUT SAMPLE 24.860 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) 3102

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 9.566 SEC
 * USER FRACTION OF BLOCK TRANSFER TIME 0.0676

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

* TRANSFER DENIAL PROBABILITY 0

* USER INFORMATION BIT TRANSFER RATE 63073 BPS
 * USER FRACTION OF INPUT/OUTPUT TIME 0.0671

 REDUCTION SPECIFICATIONS

* SPECIFIED BLOCK TRANSFER TIME 6.000 SEC
 * SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME 0.5000

* SPECIFIED USER INFORMATION BIT TRANSFER RATE
 * FOR TRANSFER SAMPLE 1000 BPS
 * SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME
 * FOR TRANSFER SAMPLE 0.5000

* SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10⁽⁻⁰⁸⁾
 * 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 30000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

NTIA-ITS (Boulder) 3103

SOURCE USER NTIA - x.25 over ckt channel

DESTINATION USER NTIA - characterize testsets

ORIGINATING USER SOURCE

SESSION CATEGORY CONNECTION ORIENTED

INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

MEASUREMENT START TIME 11/02/94 11:30:43.935 LT

MEASUREMENT END TIME 11/02/94 11:31:09.906 LT

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

NTIA-ITS (Boulder) 3103

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 256 BITS

MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT IDENTIFICATION ALGORITHM 8192 BITS

MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT IDENTIFICATION ALGORITHM 8192 BITS

NTIA-ITS (Boulder) 3103

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 49 (+)

'TRANSFER DENIAL' OUTCOMES 0

PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES 0

INPUT TIME FOR THROUGHPUT SAMPLE 9.577 SEC

USER INPUT TIME FOR THROUGHPUT SAMPLE 1.669 SEC

OUTPUT TIME FOR THROUGHPUT SAMPLE 24.885 SEC

USER OUTPUT TIME FOR THROUGHPUT SAMPLE 1.709 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) 3103

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 9.553 SEC

USER FRACTION OF BLOCK TRANSFER TIME 0.0690

BLOCK ERROR PROBABILITY 0

BLOCK LOSS PROBABILITY 0

EXTRA BLOCK PROBABILITY 0

TRANSFER DENIAL PROBABILITY 0

USER INFORMATION BIT TRANSFER RATE 63010 BPS

USER FRACTION OF INPUT/OUTPUT TIME 0.0687

REDUCTION SPECIFICATIONS

SPECIFIED BLOCK TRANSFER TIME 6.000 SEC

SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME 0.5000

SPECIFIED USER INFORMATION BIT TRANSFER RATE FOR TRANSFER SAMPLE 1000 BPS

SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME FOR TRANSFER SAMPLE 0.5000

SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10(-08)

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 30000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 3104

 SOURCE USER NTIA - x.25 over ckt channel
 DESTINATION USER NTIA - characterize testsets
 ORIGINATING USER SOURCE

 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

 MEASUREMENT START TIME 11/02/94 11:33:57.028 LT
 MEASUREMENT END TIME 11/02/94 11:34:22.933 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 3104

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 256 BITS
 MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT
 IDENTIFICATION ALGORITHM 8192 BITS
 MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT
 IDENTIFICATION ALGORITHM 8192 BITS

 NTIA-ITS (Boulder) 3104

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 49 (+)
 'TRANSFER DENIAL' OUTCOMES 0
 PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES 0

 INPUT TIME FOR THROUGHPUT SAMPLE 9.609 SEC
 USER INPUT TIME FOR THROUGHPUT SAMPLE 1.669 SEC
 OUTPUT TIME FOR THROUGHPUT SAMPLE 24.861 SEC
 USER OUTPUT TIME FOR THROUGHPUT SAMPLE 1.668 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) 3104

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 9.556 SEC
 USER FRACTION OF BLOCK TRANSFER TIME 0.0668
 BLOCK ERROR PROBABILITY 0
 BLOCK LOSS PROBABILITY 0
 EXTRA BLOCK PROBABILITY 0
 TRANSFER DENIAL PROBABILITY 0
 USER INFORMATION BIT TRANSFER RATE 63071 BPS
 USER FRACTION OF INPUT/OUTPUT TIME 0.0671

 REDUCTION SPECIFICATIONS

SPECIFIED BLOCK TRANSFER TIME 6.000 SEC
 SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME 0.5000
 SPECIFIED USER INFORMATION BIT TRANSFER RATE
 FOR TRANSFER SAMPLE 1000 BPS
 SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME
 FOR TRANSFER SAMPLE 0.5000
 SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE 1.0 X 10(-08)
 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 30000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

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NTIA-ITS (Boulder)                                     3105
-----
SOURCE USER . . . . . NTIA - x.25 over ckt channel
DESTINATION USER . . . . . NTIA - characterize testsets
ORIGINATING USER . . . . . SOURCE

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

MEASUREMENT START TIME . . . . . 11/02/94 11:36:15.917 LT
MEASUREMENT END TIME . . . . . 11/02/94 11:36:41.865 LT
(LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)
    
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NTIA-ITS (Boulder)                                     3105
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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 . . . . . 256 BITS
MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT
IDENTIFICATION ALGORITHM . . . . . 8192 BITS
MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT
IDENTIFICATION ALGORITHM . . . . . 8192 BITS
    
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NTIA-ITS (Boulder)                                     3105
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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 . . . . . 49 (+)
'TRANSFER DENIAL' OUTCOMES . . . . . 0
PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES . . . . . 0

INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 9.588 SEC
USER INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 1.669 SEC
OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 24.876 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

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NTIA-ITS (Boulder)                                     3105
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USER INFORMATION TRANSFER ASSESSMENT SUMMARY (CONTINUED)

MEASURED PERFORMANCE PARAMETER VALUES

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

BLOCK TRANSFER TIME . . . . . 9.570 SEC
USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0669

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

TRANSFER DENIAL PROBABILITY . . . . . 0

USER INFORMATION BIT TRANSFER RATE . . . . . 63033 BPS
USER FRACTION OF INPUT/OUTPUT TIME . . . . . 0.0671
    
```

REDUCTION SPECIFICATIONS

```

SPECIFIED BLOCK TRANSFER TIME . . . . . 6.000 SEC
SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.5000

SPECIFIED USER INFORMATION BIT TRANSFER RATE
FOR TRANSFER SAMPLE . . . . . 1000 BPS
SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME
FOR TRANSFER SAMPLE . . . . . 0.5000

SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10(-08)
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 . . . . . 30000
    
```

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

NTIA-ITS (Boulder) 3106

SOURCE USER NTIA - x.25 over ckt channel
 DESTINATION USER NTIA - characterize testsets
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 05/03/94 14:58:40.008 LT
 MEASUREMENT END TIME 05/03/94 15:16:15.767 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 3106

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 0.250 SEC
 USER FRACTION OF ACCESS TIME 0.4150
 INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 80.000 SEC
 SPECIFIED USER FRACTION OF ACCESS TIME 1.5000

NTIA-ITS (Boulder) 3106

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 0.279 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0020
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 45.000 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 1.0000
 SPECIFIED ACCESS TIME 80.000 SEC

NTIA-ITS (Boulder) 3106

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 0.306 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.2874
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 5.000 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 1.0000
 SPECIFIED ACCESS TIME 80.000 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

----- 3107

SOURCE USER NTIA - x.25 over ckt channel

DESTINATION USER NTIA - characterize testsets

ORIGINATING USER SOURCE

SESSION CATEGORY CONNECTION ORIENTED

INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

MEASUREMENT START TIME 05/03/94 15:16:39.993 LT

MEASUREMENT END TIME 05/03/94 15:34:17.690 LT

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

----- 3107

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 0.272 SEC

USER FRACTION OF ACCESS TIME 0.4448

INCORRECT ACCESS PROBABILITY 0

ACCESS DENIAL PROBABILITY 0

ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 80.000 SEC

SPECIFIED USER FRACTION OF ACCESS TIME 1.5000

----- 3107

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 0.281 SEC

USER FRACTION OF DISENGAGEMENT TIME 0.0028

DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 45.000 SEC

SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 1.0000

SPECIFIED ACCESS TIME 80.000 SEC

----- 3107

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 0.309 SEC

USER FRACTION OF DISENGAGEMENT TIME 0.2899

DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 5.000 SEC

SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 1.0000

SPECIFIED ACCESS TIME 80.000 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 3108

 SOURCE USER NTIA - x.25 over ckt channel
 DESTINATION USER NTIA - characterize testsets
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 05/03/94 15:34:55.987 LT
 MEASUREMENT END TIME 05/03/94 15:52:36.985 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 3108

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 0.300 SEC
 USER FRACTION OF ACCESS TIME 0.4343
 INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 80.000 SEC
 SPECIFIED USER FRACTION OF ACCESS TIME 1.5000

 NTIA-ITS (Boulder) 3108

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 0.280 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0031
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 45.000 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 1.0000
 SPECIFIED ACCESS TIME 80.000 SEC

 NTIA-ITS (Boulder) 3108

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 0.307 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.2863
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 5.000 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 1.0000
 SPECIFIED ACCESS TIME 80.000 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

NTIA-ITS (Boulder) 3109

SOURCE USER NTIA - x.25 over ckt channel
DESTINATION USER NTIA - characterize testsets
ORIGINATING USER SOURCE
SESSION CATEGORY CONNECTION ORIENTED
INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
MEASUREMENT START TIME 05/03/94 15:53:00.992 LT
MEASUREMENT END TIME 05/03/94 16:10:41.769 LT
(LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 3109

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 0.301 SEC
USER FRACTION OF ACCESS TIME 0.3927
INCORRECT ACCESS PROBABILITY 0
ACCESS DENIAL PROBABILITY 0
ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 80.000 SEC
SPECIFIED USER FRACTION OF ACCESS TIME 1.5000

NTIA-ITS (Boulder) 3109

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 0.282 SEC
USER FRACTION OF DISENGAGEMENT TIME 0.0012
DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 45.000 SEC
SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 1.0000
SPECIFIED ACCESS TIME 80.000 SEC

NTIA-ITS (Boulder) 3109

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 0.309 SEC
USER FRACTION OF DISENGAGEMENT TIME 0.2935
DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 5.000 SEC
SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 1.0000
SPECIFIED ACCESS TIME 80.000 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

NTIA-ITS (Boulder) 3201

SOURCE USER NTIA - ISDN
 DESTINATION USER NTIA - testset char.
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 10/25/94 08:24:56.938 LT
 MEASUREMENT END TIME 10/25/94 08:46:45.524 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 3201

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 15.114 SEC
 USER FRACTION OF ACCESS TIME 0.0070
 INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 80.000 SEC
 SPECIFIED USER FRACTION OF ACCESS TIME 1.5000

NTIA-ITS (Boulder) 3201

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 2.702 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0338
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 45.000 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 1.0000
 SPECIFIED ACCESS TIME 80.000 SEC

NTIA-ITS (Boulder) 3201

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 1.525 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0488
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 5.000 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 1.0000
 SPECIFIED ACCESS TIME 80.000 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 3202

 SOURCE USER NTIA - ISDN
 DESTINATION USER NTIA - testset char.
 ORIGINATING USER SOURCE

 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

 MEASUREMENT START TIME 10/25/94 10:20:08.857 LT
 MEASUREMENT END TIME 10/25/94 10:41:55.795 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 3202

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 15.127 SEC
 USER FRACTION OF ACCESS TIME 0.0072
 INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 80.000 SEC
 SPECIFIED USER FRACTION OF ACCESS TIME 1.5000

 NTIA-ITS (Boulder) 3202

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 2.649 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0345
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 45.000 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 1.0000
 SPECIFIED ACCESS TIME 80.000 SEC

 NTIA-ITS (Boulder) 3202

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 1.527 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0487
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 5.000 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 1.0000
 SPECIFIED ACCESS TIME 80.000 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 3203

 SOURCE USER NTIA - ISDN
 DESTINATION USER NTIA - testset char.
 ORIGINATING USER SOURCE

 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

 MEASUREMENT START TIME 10/25/94 08:51:22.866 LT
 MEASUREMENT END TIME 10/25/94 09:13:10.879 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 3203

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 15.108 SEC
 USER FRACTION OF ACCESS TIME 0.0074
 INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 80.000 SEC
 SPECIFIED USER FRACTION OF ACCESS TIME 1.5000

 NTIA-ITS (Boulder) 3203

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 2.693 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0339
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 45.000 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 1.0000
 SPECIFIED ACCESS TIME 80.000 SEC

 NTIA-ITS (Boulder) 3203

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 1.521 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0489
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 5.000 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 1.0000
 SPECIFIED ACCESS TIME 80.000 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 3204

 SOURCE USER NTIA - ISDN
 DESTINATION USER NTIA - testset char.
 ORIGINATING USER SOURCE

 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

 MEASUREMENT START TIME 10/25/94 09:16:24.858 LT
 MEASUREMENT END TIME 10/25/94 09:38:13.036 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 3204

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 15.123 SEC
 USER FRACTION OF ACCESS TIME 0.0070

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

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME 80.000 SEC
 SPECIFIED USER FRACTION OF ACCESS TIME 1.5000

 NTIA-ITS (Boulder) 3204

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 2.678 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0341
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 45.000 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 1.0000
 SPECIFIED ACCESS TIME 80.000 SEC

 NTIA-ITS (Boulder) 3204

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 1.520 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0490
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME 5.000 SEC
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME 1.0000
 SPECIFIED ACCESS TIME 80.000 SEC

