

APPENDIX B

This appendix contains the preliminary characterization test result summaries. Each test was run five times and the combined results are analyzed in Section 3.

Table B1 shows the test number and a description of the test.¹⁴ The following pages are arranged as follows: modem service tests first, X.25 via circuit service tests second, X.25 via packet service tests third, 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 preliminary characterization parameter values were set low enough so that all data would be used to determine the mean values. The specified values used are the same as used for the test set characterization. The specified values were set so that no data would be excluded in determining the measured mean value of the performance parameters. These measured mean values were used as the specified values in the full characterization tests.

¹⁴ In the table, A/D stands for Access/Disengagement, CKT stands for circuit, and PKT stands for packet. The symbol "--" in the "Measured BER" column means that during these tests, BER measurements were not recorded.

Table B1. Summaries of Individual Preliminary Characterization Tests

Test #	Date	Eb/No (dB)	Measured BER	# of Trials	Summary
5121	5/6/94	25.0	0 errors	50	Modem UIT test - 4000 bytes/block and 0 seconds between trials
5122	5/6/94	25.0	0 errors	50	"
5123	5/6/94	25.0	0 errors	50	"
5124	5/6/94	25.0	0 errors	50	"
5125	5/6/94	25.0	0 errors	50	"
5126	5/6/94	25.0	0 errors	20	Modem A/D test - 2000 bytes/block and 30 seconds between trials
5127	5/6/94	25.0	0 errors	20	"
5128	5/6/94	25.0	0 errors	20	" (except 10 seconds between trials)
5129	5/6/94	25.0	0 errors	20	"
5130	5/6/94	25.0	0 errors	20	" (except 30 seconds between trials)
5006	5/4/94	25.0	0 errors	100	X.25 over CKT switched channel A/D test - 2000 byte/block and 10 seconds between trials
5007	5/4/94	25.0	0 errors	100	"
5008	5/4/94	25.0	0 errors	100	"
5009	5/4/94	25.0	0 errors	100	"
5010	5/4/94	25.0	0 errors	100	"
5011	11/1/94	21.2	--	50	X.25 over CKT switched channel UIT test - 4000 bytes/block and 0 seconds between trials
5012	11/1/94	21.2	--	50	"
5013	11/1/94	21.2	--	50	"
5014	11/1/94	21.2	--	50	"
5015	11/1/94	21.2	--	50	"

Table B1 (continued). Summaries of Individual Preliminary Characterization Tests

Test #	Date	Eb/No (dB)	Measured BER	# of Trials	Summary
5201	11/2/94	21.5	0 errors	50	X.25 over PKT switched channel UIT test - 4000 bytes/block and 0 seconds between trials
5202	11/2/94	21.5	0 errors	50	"
5203	11/2/94	21.5	0 errors	50	"
5204	11/2/94	20.9	0 errors	50	"
5205	11/2/94	20.9	0 errors	50	"
5206	11/2/94	20.9	--	100	X.25 over PKT switched channel A/D test - 4000 bytes/block and 10 seconds between trials
5207	11/3/94	20.9	0 errors	100	"
5208	11/3/94	20.9	0 errors	100	"
5209	11/3/94	20.9	0 errors	100	"
5210	11/3/94	20.9	0 errors	100	"
5506	10/25/94	10.6	--	40	ISDN A/D test - 2000 bytes/block and 10 seconds between trials
5507	10/25/94	20.9	--	40	"
5508	10/25/94	20.9	--	40	"
5509	10/27/94	20.9	--	40	"
5510	10/27/94	21.2	--	40	"

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

 NTIA-ITS (Boulder) 5121

SOURCE USER NTIA - modem service
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE

SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

MEASUREMENT START TIME 05/06/94 09:05:09.556 LT
 MEASUREMENT END TIME 05/06/94 09:09:34.760 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5121

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) 5121

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 195.936 SEC
 USER INPUT TIME FOR THROUGHPUT SAMPLE 1.849 SEC
 OUTPUT TIME FOR THROUGHPUT SAMPLE 204.234 SEC
 USER OUTPUT TIME FOR THROUGHPUT SAMPLE 2.079 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) 5121

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 12.540 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 7677 BPS
 USER FRACTION OF INPUT/OUTPUT TIME 0.0102

 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) 5122

SOURCE USER NTIA - modem service
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE

SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

MEASUREMENT START TIME 05/06/94 09:10:26.847 LT
 MEASUREMENT END TIME 05/06/94 09:14:50.845 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5122

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) 5122

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 195.936 SEC
 * USER INPUT TIME FOR THROUGHPUT SAMPLE 1.769 SEC
 * OUTPUT TIME FOR THROUGHPUT SAMPLE 204.235 SEC
 * USER OUTPUT TIME FOR THROUGHPUT SAMPLE 2.000 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) 5122

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 12.542 SEC
 * USER FRACTION OF BLOCK TRANSFER TIME 0.0094

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 0.0098

 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) 5123

SOURCE USER NTIA - modem service
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE

SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

MEASUREMENT START TIME 05/06/94 09:15:13.839 LT
 MEASUREMENT END TIME 05/06/94 09:19:37.860 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5123

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) 5123

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 195.938 SEC
 USER INPUT TIME FOR THROUGHPUT SAMPLE 1.773 SEC
 OUTPUT TIME FOR THROUGHPUT SAMPLE 204.234 SEC
 USER OUTPUT TIME FOR THROUGHPUT SAMPLE 1.986 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) 5123

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 12.542 SEC
 USER FRACTION OF BLOCK TRANSFER TIME 0.0093

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 0.0097

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	

NTIA-ITS (Boulder) 5124	

PERFORMANCE DATA BATCH	

SOURCE USER	NTIA - modem service
DESTINATION USER	NTIA - over ACTS
ORIGINATING USER	SOURCE
SESSION CATEGORY	CONNECTION ORIENTED
INITIAL DISENGAGEMENT CATEGORY	NEGOTIATED
MEASUREMENT START TIME	05/06/94 09:20:12.849 LT
MEASUREMENT END TIME	05/06/94 09:24:36.924 LT
(LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)	

 NTIA-ITS (Boulder) 5124

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

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	195.938 SEC
USER INPUT TIME FOR THROUGHPUT SAMPLE	1.768 SEC
OUTPUT TIME FOR THROUGHPUT SAMPLE	204.235 SEC
USER OUTPUT TIME FOR THROUGHPUT SAMPLE	2.001 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) 5124

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	12.542 SEC
USER FRACTION OF BLOCK TRANSFER TIME	0.0094
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	0.0098

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) 5125

 SOURCE USER NTIA - modem service
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 05/06/94 16:16:48.852 LT
 MEASUREMENT END TIME 05/06/94 16:21:12.365 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5125

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) 5125

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 195.936 SEC
 USER INPUT TIME FOR THROUGHPUT SAMPLE 1.771 SEC
 OUTPUT TIME FOR THROUGHPUT SAMPLE 204.240 SEC
 USER OUTPUT TIME FOR THROUGHPUT SAMPLE 1.994 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) 5125

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 12.545 SEC
 USER FRACTION OF BLOCK TRANSFER TIME 0.0093
 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 0.0098

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) 5126

SOURCE USER NTIA - modem service
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE

SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

MEASUREMENT START TIME 05/16/94 08:35:35.911 LT
 MEASUREMENT END TIME 05/16/94 09:05:31.141 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 5126

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 50.082 SEC
 USER FRACTION OF ACCESS TIME 0.0024

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

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 6.286 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0143
 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) 5126

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 2.444 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0298
 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

NTIA-ITS (Boulder) 5127

PERFORMANCE DATA BATCH

NTIA-ITS (Boulder) 5127

SOURCE USER NTIA - modem service
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 05/16/94 09:08:43.845 LT
 MEASUREMENT END TIME 05/16/94 09:38:43.498 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

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 6.646 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0135
 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) 5127

NTIA-ITS (Boulder) 5127

ACCESS ASSESSMENT SUMMARY

DESTINATION DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

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

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

MEASURED PERFORMANCE PARAMETER VALUES

ACCESS TIME 49.942 SEC
 USER FRACTION OF ACCESS TIME 0.0024
 INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

DISENGAGEMENT TIME 2.445 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0298
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

REDUCTION SPECIFICATIONS

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

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) 5128

 SOURCE USER NTIA - modem service
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 05/06/94 11:52:12.897 LT
 MEASUREMENT END TIME 05/06/94 12:16:05.767 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5128

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 50.379 SEC
 USER FRACTION OF ACCESS TIME 0.0024
 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) 5128

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 6.876 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0134
 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) 5128

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 2.446 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0306
 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) 5129

 SOURCE USER NTIA - modem service
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 05/06/94 13:08:39.922 LT
 MEASUREMENT END TIME 05/06/94 13:32:22.561 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5129

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 50.087 SEC
 USER FRACTION OF ACCESS TIME 0.0024
 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) 5129

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 6.656 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0135
 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) 5129

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 2.444 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0299
 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) 5130

 SOURCE USER NTIA - modem service
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE

 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

 MEASUREMENT START TIME 05/16/94 12:57:30.897 LT
 MEASUREMENT END TIME 05/16/94 13:27:22.933 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5130

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 49.718 SEC
 USER FRACTION OF ACCESS TIME 0.0023

 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) 5130

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 6.488 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0139

 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) 5130

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 2.445 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0301

 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) 5006

SOURCE USER NTIA - x.25 over ckt channel
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 05/04/94 09:34:06.958 LT
 MEASUREMENT END TIME 05/04/94 09:53:43.007 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5006

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 0.872 SEC
 USER FRACTION OF ACCESS TIME 0.4712
 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) 5006

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 0.860 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0359
 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) 5006

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 1.177 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.7986
 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) 5007

SOURCE USER NTIA - x.25 over ckt channel
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 05/04/94 10:10:00.936 LT
 MEASUREMENT END TIME 05/04/94 10:29:33.789 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 5007

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 0.4805
 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) 5007

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 0.854 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0382
 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) 5007

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 1.172 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.8006
 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) 5008

SOURCE USER NTIA - x.25 over ckt channel
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 05/04/94 10:32:21.984 LT
 MEASUREMENT END TIME 05/04/94 10:51:53.240 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 5008

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 0.824 SEC
 USER FRACTION OF ACCESS TIME 0.4545
 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) 5008

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 0.857 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0365
 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) 5008

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 1.174 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.8011
 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) 5009

 SOURCE USER NTIA - x.25 over ckt channel
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 05/04/94 10:54:46.970 LT
 MEASUREMENT END TIME 05/04/94 11:14:20.874 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5009

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 0.853 SEC
 USER FRACTION OF ACCESS TIME 0.4672
 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) 5009

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 0.857 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0362
 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) 5009

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 1.173 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.8015
 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) 5010

SOURCE USER NTIA - x.25 over ckt channel

DESTINATION USER NTIA - over ACTS

ORIGINATING USER SOURCE

SESSION CATEGORY CONNECTION ORIENTED

INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

MEASUREMENT START TIME 05/04/94 11:16:14.908 LT

MEASUREMENT END TIME 05/04/94 11:35:49.516 LT

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

NTIA-ITS (Boulder) 5010

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 0.859 SEC

USER FRACTION OF ACCESS TIME 0.4862

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) 5010

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 0.860 SEC

USER FRACTION OF DISENGAGEMENT TIME 0.0364

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) 5010

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 1.179 SEC

USER FRACTION OF DISENGAGEMENT TIME 0.8005

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) 5011

 SOURCE USER NTIA - x.25 over ckt channel
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 11/01/94 16:30:50.927 LT
 MEASUREMENT END TIME 11/01/94 16:31:18.247 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5011

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) 5011

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 10.254 SEC
 USER INPUT TIME FOR THROUGHPUT SAMPLE 1.669 SEC
 OUTPUT TIME FOR THROUGHPUT SAMPLE 24.856 SEC
 USER OUTPUT TIME FOR THROUGHPUT SAMPLE 1.727 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) 5011

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 9.639 SEC
 USER FRACTION OF BLOCK TRANSFER TIME 0.0757
 BLOCK ERROR PROBABILITY 0
 BLOCK LOSS PROBABILITY 0
 EXTRA BLOCK PROBABILITY 0
 TRANSFER DENIAL PROBABILITY 0
 USER INFORMATION BIT TRANSFER RATE 63083 BPS
 USER FRACTION OF INPUT/OUTPUT TIME 0.0695

 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) 5012

 SOURCE USER NTIA - x.25 over ckt channel
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 11/01/94 16:31:53.912 LT
 MEASUREMENT END TIME 11/01/94 16:32:21.304 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5012

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) 5012

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 10.141 SEC
 USER INPUT TIME FOR THROUGHPUT SAMPLE 1.672 SEC
 OUTPUT TIME FOR THROUGHPUT SAMPLE 24.897 SEC
 USER OUTPUT TIME FOR THROUGHPUT SAMPLE 1.730 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) 5012

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 9.717 SEC
 USER FRACTION OF BLOCK TRANSFER TIME 0.0774
 BLOCK ERROR PROBABILITY 0
 BLOCK LOSS PROBABILITY 0
 EXTRA BLOCK PROBABILITY 0
 TRANSFER DENIAL PROBABILITY 0
 USER INFORMATION BIT TRANSFER RATE 62979 BPS
 USER FRACTION OF INPUT/OUTPUT TIME 0.0695

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) 5013

 SOURCE USER NTIA - x.25 over ckt channel
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 11/01/94 16:33:41.968 LT
 MEASUREMENT END TIME 11/01/94 16:34:09.306 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5013

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) 5013

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 10.205 SEC
 USER INPUT TIME FOR THROUGHPUT SAMPLE 1.671 SEC
 OUTPUT TIME FOR THROUGHPUT SAMPLE 24.857 SEC
 USER OUTPUT TIME FOR THROUGHPUT SAMPLE 1.677 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) 5013

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 9.647 SEC
 USER FRACTION OF BLOCK TRANSFER TIME 0.0762
 BLOCK ERROR PROBABILITY 0
 BLOCK LOSS PROBABILITY 0
 EXTRA BLOCK PROBABILITY 0
 TRANSFER DENIAL PROBABILITY 0
 USER INFORMATION BIT TRANSFER RATE 63081 BPS
 USER FRACTION OF INPUT/OUTPUT TIME 0.0675

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) 5014

SOURCE USER NTIA - x.25 over ckt channel

DESTINATION USER NTIA - over ACTS

ORIGINATING USER SOURCE

SESSION CATEGORY CONNECTION ORIENTED

INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

MEASUREMENT START TIME 11/01/94 16:38:28.916 LT

MEASUREMENT END TIME 11/01/94 16:38:56.253 LT

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

NTIA-ITS (Boulder) 5014

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) 5014

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 10.215 SEC

USER INPUT TIME FOR THROUGHPUT SAMPLE 1.667 SEC

OUTPUT TIME FOR THROUGHPUT SAMPLE 24.858 SEC

USER OUTPUT TIME FOR THROUGHPUT SAMPLE 1.687 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) 5014

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 9.638 SEC

USER FRACTION OF BLOCK TRANSFER TIME 0.0761

BLOCK ERROR PROBABILITY 0

BLOCK LOSS PROBABILITY 0

EXTRA BLOCK PROBABILITY 0

TRANSFER DENIAL PROBABILITY 0

USER INFORMATION BIT TRANSFER RATE 63078 BPS

USER FRACTION OF INPUT/OUTPUT TIME 0.0679

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

NTIA-ITS (Boulder) 5015

PERFORMANCE DATA BATCH

NTIA-ITS (Boulder) 5015

SOURCE USER NTIA - x.25 over ckt channel

DESTINATION USER NTIA - over ACTS

ORIGINATING USER SOURCE

SESSION CATEGORY CONNECTION ORIENTED

INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

MEASUREMENT START TIME 11/01/94 16:39:17.003 LT

MEASUREMENT END TIME 11/01/94 16:39:44.440 LT

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

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	10.183 SEC
USER INPUT TIME FOR THROUGHPUT SAMPLE	1.674 SEC
OUTPUT TIME FOR THROUGHPUT SAMPLE	24.937 SEC
USER OUTPUT TIME FOR THROUGHPUT SAMPLE	1.673 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) 5015

NTIA-ITS (Boulder) 5015

USER INFORMATION TRANSFER ASSESSMENT SUMMARY

USER INFORMATION TRANSFER ASSESSMENT SUMMARY (CONTINUED)

CORRELATION SUMMARY

MEASURED PERFORMANCE PARAMETER VALUES

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

BIT ERROR PROBABILITY	0
BIT LOSS PROBABILITY	0
EXTRA BIT PROBABILITY	0
BLOCK TRANSFER TIME	9.702 SEC
USER FRACTION OF BLOCK TRANSFER TIME	0.0741
BLOCK ERROR PROBABILITY	0
BLOCK LOSS PROBABILITY	0
EXTRA BLOCK PROBABILITY	0
TRANSFER DENIAL PROBABILITY	0
USER INFORMATION BIT TRANSFER RATE	62878 BPS
USER FRACTION OF INPUT/OUTPUT TIME	0.0671

CORRELATOR SPECIFICATIONS

REDUCTION 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

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) 5201

 SOURCE USER NTIA - x.25 over pkt channel
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 11/02/94 08:35:07.926 LT
 MEASUREMENT END TIME 11/02/94 08:37:46.137 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5201

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) 5201

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 142.857 SEC
 USER INPUT TIME FOR THROUGHPUT SAMPLE 1.692 SEC
 OUTPUT TIME FOR THROUGHPUT SAMPLE 150.960 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) 5201

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 12.039 SEC
 USER FRACTION OF BLOCK TRANSFER TIME 0.0148
 BLOCK ERROR PROBABILITY 0
 BLOCK LOSS PROBABILITY 0
 EXTRA BLOCK PROBABILITY 0
 TRANSFER DENIAL PROBABILITY 0
 USER INFORMATION BIT TRANSFER RATE 10387 BPS
 USER FRACTION OF INPUT/OUTPUT TIME 0.0112

 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)                               5202
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SOURCE USER . . . . . NTIA - x.25 over pkt channel
DESTINATION USER . . . . . NTIA - over ACTS
ORIGINATING USER . . . . . SOURCE

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

MEASUREMENT START TIME . . . . . 11/02/94 08:38:08.936 LT
MEASUREMENT END TIME . . . . . 11/02/94 08:40:47.052 LT
(LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)
    
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NTIA-ITS (Boulder)                               5202
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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)                               5202
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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 . . . . . 142.880 SEC
USER INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 1.669 SEC
OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 150.977 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
    
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NTIA-ITS (Boulder)                               5202
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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 . . . . . 12.040 SEC
USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0149

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

TRANSFER DENIAL PROBABILITY . . . . . 0

USER INFORMATION BIT TRANSFER RATE . . . . . 10386 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) 5203

 SOURCE USER NTIA - x.25 over pkt channel
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 11/02/94 08:41:27.929 LT
 MEASUREMENT END TIME 11/02/94 08:44:06.080 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5203

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) 5203

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 142.817 SEC
 USER INPUT TIME FOR THROUGHPUT SAMPLE 1.674 SEC
 OUTPUT TIME FOR THROUGHPUT SAMPLE 150.917 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) 5203

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 12.038 SEC
 USER FRACTION OF BLOCK TRANSFER TIME 0.0149
 BLOCK ERROR PROBABILITY 0
 BLOCK LOSS PROBABILITY 0
 EXTRA BLOCK PROBABILITY 0
 TRANSFER DENIAL PROBABILITY 0
 USER INFORMATION BIT TRANSFER RATE 10390 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) 5204

 SOURCE USER NTIA - x.25 over pkt channel
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 11/02/94 11:57:28.004 LT
 MEASUREMENT END TIME 11/02/94 12:00:06.143 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5204

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) 5204

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 142.798 SEC
 USER INPUT TIME FOR THROUGHPUT SAMPLE 1.672 SEC
 OUTPUT TIME FOR THROUGHPUT SAMPLE 150.888 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) 5204

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 12.035 SEC
 USER FRACTION OF BLOCK TRANSFER TIME 0.0144
 BLOCK ERROR PROBABILITY 0
 BLOCK LOSS PROBABILITY 0
 EXTRA BLOCK PROBABILITY 0
 TRANSFER DENIAL PROBABILITY 0
 USER INFORMATION BIT TRANSFER RATE 10392 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) 5205

SOURCE USER NTIA - x.25 over pkt channel
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 11/02/94 12:00:29.942 LT
 MEASUREMENT END TIME 11/02/94 12:03:08.034 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 5205

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) 5205

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 142.767 SEC
 USER INPUT TIME FOR THROUGHPUT SAMPLE 1.684 SEC
 OUTPUT TIME FOR THROUGHPUT SAMPLE 150.872 SEC
 USER OUTPUT TIME FOR THROUGHPUT SAMPLE 1.666 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) 5205

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 12.022 SEC
 USER FRACTION OF BLOCK TRANSFER TIME 0.0134
 BLOCK ERROR PROBABILITY 0
 BLOCK LOSS PROBABILITY 0
 EXTRA BLOCK PROBABILITY 0
 TRANSFER DENIAL PROBABILITY 0
 USER INFORMATION BIT TRANSFER RATE 10393 BPS
 USER FRACTION OF INPUT/OUTPUT TIME 0.0112

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) 5206

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

 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

 MEASUREMENT START TIME 11/02/94 15:37:09.017 LT
 MEASUREMENT END TIME 11/02/94 15:59:05.515 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5206

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 1.482 SEC
 USER FRACTION OF ACCESS TIME 0.4733

 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) 5206

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 1.647 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0204

 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) 5206

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 2.265 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.8176

 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) 5207

SOURCE USER NTIA - x.25 over pkt channel
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 11/03/94 14:34:09.988 LT
 MEASUREMENT END TIME 11/03/94 14:56:13.926 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 5207

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 1.466 SEC
 USER FRACTION OF ACCESS TIME 0.4758
 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) 5207

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 1.741 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0191
 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) 5207

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 2.358 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.7848
 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) 5208

 SOURCE USER NTIA - x.25 over pkt channel
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 11/03/94 15:02:11.018 LT
 MEASUREMENT END TIME 11/03/94 15:24:10.537 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5208

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 1.443 SEC
 USER FRACTION OF ACCESS TIME 0.4685
 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) 5208

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 1.715 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0198
 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) 5208

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 2.333 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.7934
 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) 5209

 SOURCE USER NTIA - x.25 over pkt channel
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 11/03/94 15:24:54.004 LT
 MEASUREMENT END TIME 11/03/94 15:47:00.080 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5209

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 1.511 SEC
 USER FRACTION OF ACCESS TIME 0.4746
 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) 5209

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 1.717 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0197
 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) 5209

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 2.335 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.7931
 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) 5210

SOURCE USER NTIA - x.25 over pkt channel
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 11/03/94 15:49:34.013 LT
 MEASUREMENT END TIME 11/03/94 16:11:39.135 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 5210

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 1.452 SEC
 USER FRACTION OF ACCESS TIME 0.4700
 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) 5210

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 1.766 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0194
 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) 5210

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 2.385 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.7770
 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

NTIA-ITS (Boulder) 5506

PERFORMANCE DATA BATCH

NTIA-ITS (Boulder) 5506

SOURCE USER NTIA - ISDN
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 10/25/94 14:48:04.858 LT
 MEASUREMENT END TIME 10/25/94 15:16:21.589 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

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 4.031 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0228
 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) 5506

NTIA-ITS (Boulder) 5506

ACCESS ASSESSMENT SUMMARY

DESTINATION DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

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

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

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

MEASURED PERFORMANCE PARAMETER VALUES

MEASURED PERFORMANCE PARAMETER VALUES

ACCESS TIME 23.490 SEC
 USER FRACTION OF ACCESS TIME 0.0045
 INCORRECT ACCESS PROBABILITY 0
 ACCESS DENIAL PROBABILITY 0
 ACCESS OUTAGE PROBABILITY 0

DISENGAGEMENT TIME 1.812 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0413
 DISENGAGEMENT DENIAL PROBABILITY 0

REDUCTION SPECIFICATIONS

REDUCTION SPECIFICATIONS

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

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) 5507

SOURCE USER NTIA - ISDN
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE

SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED

MEASUREMENT START TIME 10/25/94 15:27:23.860 LT
 MEASUREMENT END TIME 10/25/94 15:55:34.009 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5507

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 23.400 SEC
 USER FRACTION OF ACCESS TIME 0.0046

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) 5507

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 3.955 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0231

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) 5507

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 1.811 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0411

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) 5508

SOURCE USER NTIA - ISDN
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 10/25/94 16:01:26.859 LT
 MEASUREMENT END TIME 10/25/94 16:29:33.318 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 5508

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 23.367 SEC
 USER FRACTION OF ACCESS TIME 0.0048
 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) 5508

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 3.894 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0235
 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) 5508

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 1.813 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0410
 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) 5509

 SOURCE USER NTIA - ISDN
 DESTINATION USER NTIA - over ACTS
 ORIGINATING USER SOURCE
 SESSION CATEGORY CONNECTION ORIENTED
 INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
 MEASUREMENT START TIME 10/27/94 15:24:24.844 LT
 MEASUREMENT END TIME 10/27/94 15:52:36.612 LT
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

 NTIA-ITS (Boulder) 5509

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 23.407 SEC
 USER FRACTION OF ACCESS TIME 0.0047
 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) 5509

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 3.987 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0229
 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) 5509

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 1.814 SEC
 USER FRACTION OF DISENGAGEMENT TIME 0.0410
 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) 5510

SOURCE USER NTIA - ISDN
DESTINATION USER NTIA - over ACTS
ORIGINATING USER SOURCE
SESSION CATEGORY CONNECTION ORIENTED
INITIAL DISENGAGEMENT CATEGORY NEGOTIATED
MEASUREMENT START TIME 10/27/94 14:51:04.942 LT
MEASUREMENT END TIME 10/27/94 15:19:24.349 LT
(LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 5510

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 23.712 SEC
USER FRACTION OF ACCESS TIME 0.0046
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) 5510

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 3.875 SEC
USER FRACTION OF DISENGAGEMENT TIME 0.0235
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) 5510

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 1.815 SEC
USER FRACTION OF DISENGAGEMENT TIME 0.0409
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