

This appendix contains the full characterization test result summaries. Table C1 shows the test number and a description of the tests.<sup>15</sup> The table lists the test summaries in the order they appear in the appendix.

Table C1. Summaries of Individual Full Characterization Tests

Test #	Date	ES#9 Eb/No (dB)	ES#9 Measured BER	ES#3 Eb/No (dB)	ES#3 Measured BER	# of Trials	Summary
5701	1/13/95	25.1	0 errors	26.8	0 errors	20	Modem A/D test - 2000 bytes/block and 10 s between trials
5702	1/13/95	25.1	--	26.9	0 errors	20	"
5708	1/23/95	24.7	0 errors	23.1	0 errors	20	"
5714	1/31/95	24.5	--	23.6	--	20	"
5704	1/13/95	25.1	--	26.8	0 errors	50	Modem UIT test - 4000 bytes/block and 0 between trials
5705	1/13/95	25.1	--	26.8	0 errors	50	"
5706	1/13/95	25.1	--	26.8	0 errors	50	"
5709	1/23/95	24.5	--	23.0	0 errors	50	"
5710	1/23/95	24.5	--	23.0	0 errors	50	"
5711	1/31/95	24.2	--	22.8	--	50	"
5712	1/31/95	24.2	--	22.8	--	50	"
5601	1/4/95	24.5	0 errors	26.3	0 errors	50	X.25 over CKT switched channel UIT test - 4000 bytes/block and 0 s between trials
5602	1/4/95	24.5	0 errors	26.3	0 errors	50	"
5603	1/4/95	24.5	0 errors	26.3	0 errors	50	"
5606	1/17/95	22.1	--	21.7	--	50	"
5607	1/17/95	23.0	--	21.7	--	50	"
5608	1/17/95	23.3	--	21.7	--	50	"
5611	1/24/95	25.1	0 errors	24.5	0 errors	50	"
5612	1/24/95	25.1	0 errors	24.5	0 errors	50	"
5604	1/4/95	24.7	$3.8 \times 10^{-8}$	24.6	0 errors	100	X.25 over CKT switched channel A/D test - 2000 bytes/blcok and 10 s between trials
5605	1/4/95	24.5	$2.0 \times 10^{-8}$	26.3	0 errors	100	"

<sup>15</sup> 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 C1 (continued). Summaries of Individual Full Characterization Tests

Test #	Date	ES#9 Eb/No (dB)	ES#9 Measured BER	ES#3 Eb/No (dB)	ES#3 Measured BER	# of Trails	Summary
5609	1/17/95	24.8	--	22.0	--	100	X.25 over CKT switched channel A/D test - 2000 bytes/block and 10 s between trials
5610	1/17/95	24.8	--	22.0	--	100	"
5613	1/24/95	25.1	0 errors	24.5	0 errors	100	"
5614	1/24/95	25.1	0 errors	24.5	0 errors	100	"
5801	12/28/94	24.8	0 errors	26.2	--	50	X.25 over PKT switched channel UIT test - 4000 bytes/block and 0 s between trials
5802	12/28/94	24.8	0 errors	26.2	--	50	"
5803	12/28/94	24.8	0 errors	26.2	--	50	"
5807	1/18/95	24.0	0 errors	20.5	0 errors	50	"
5808	1/18/95	24.2	0 errors	20.7	0 errors	50	"
5813	1/23/95	24.8	0 errors	23.2	0 errors	50	"
5814	1/23/95	24.7	0 errors	23.2	0 errors	50	"
5804	12/28/94	24.8	0 errors	26.2	--	100	ES#3 in coded mode X.25 over PKT switched channel A/D test - 2000 bytes/block and 0 s between trials
5805	1/4/95	24.7	0 errors	--	--	100	same as above except ES#3 not coded
5806	1/4/95	24.5	$4.6 \times 10^{-9}$	26.3	0 errors	100	"
5809	1/18/95	24.4	0 errors	20.9	0 errors	100	"
5810	1/18/95	24.0	0 errors	20.8	0 errors	100	"
5811	1/23/95	24.7	0 errors	23.5	0 errors	100	"
5812	1/23/95	24.5	0 errors	23.2	0 errors	100	"
5901	1/4/95	24.2	$6.3 \times 10^{-8}$	26.1	0 errors	40	ISDN A/D test with the packet router ON - 2000 bytes/block and 10 s between trials
5902	1/4/95	24.5	$4.5 \times 10^{-8}$	26.1	0 errors	40	"
5903	1/10/95	25.1	0 errors	26.4	0 errors	40	ISDN A/D test with the packet router OFF
5904	1/10/95	24.0	$6.8 \times 10^{-8}$	26.3	--	40	"
5905	1/19/95	24.2	0 errors	21.8	--	40	"
5906	1/19/95	23.9	0 errors	21.8	--	40	"
5907	2/6/95	23.8	0 errors	24.5	0 errors	40	ISDN A/D test with the packet router ON
5908	2/6/95	23.6	0 errors	24.5	0 errors	40	"
5909	2/6/95	25.1	0 errors	24.5	0 errors	40	"

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

NTIA-ITS (Boulder) 5701

SOURCE USER . . . . . NTIA - modem service  
 DESTINATION USER . . . . . NASA LeRC - over ACTS  
 ORIGINATING USER . . . . . SOURCE  
 SESSION CATEGORY . . . . . CONNECTION ORIENTED  
 INITIAL DISENGAGEMENT CATEGORY . . . . . NEGOTIATED  
 MEASUREMENT START TIME . . . . . 01/13/95 10:27:07.997 LT  
 MEASUREMENT END TIME . . . . . 01/13/95 10:50:51.177 LT  
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 5701

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 . . . . . 50.322 SEC  
 \* USER FRACTION OF ACCESS TIME . . . . . 0.0025  
 \* INCORRECT ACCESS PROBABILITY . . . . . 0  
 \* ACCESS DENIAL PROBABILITY . . . . . 0  
 \* ACCESS OUTAGE PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS

\* SPECIFIED ACCESS TIME . . . . . 50.040 SEC  
 \* SPECIFIED USER FRACTION OF ACCESS TIME . . . . . 0.0100

NTIA-ITS (Boulder) 5701

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 . . . . . 6.348 SEC  
 \* USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0143  
 \* DISENGAGEMENT DENIAL PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS

\* SPECIFIED DISENGAGEMENT TIME . . . . . 6.590 SEC  
 \* SPECIFIED USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0500  
 \* SPECIFIED ACCESS TIME . . . . . 50.040 SEC

NTIA-ITS (Boulder) 5701

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 . . . . . 2.456 SEC  
 \* USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0299  
 \* DISENGAGEMENT DENIAL PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS

\* SPECIFIED DISENGAGEMENT TIME . . . . . 2.440 SEC  
 \* SPECIFIED USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0500  
 \* SPECIFIED ACCESS TIME . . . . . 50.040 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

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NTIA-ITS (Boulder) 5702

SOURCE USER . . . . . NTIA - modem service

DESTINATION USER . . . . . NASA LeRC - over ACTS

ORIGINATING USER . . . . . SOURCE

SESSION CATEGORY . . . . . CONNECTION ORIENTED

INITIAL DISENGAGEMENT CATEGORY . . . . . NEGOTIATED

MEASUREMENT START TIME . . . . . 01/13/95 12:01:57.018 LT

MEASUREMENT END TIME . . . . . 01/13/95 12:25:41.193 LT

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

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NTIA-ITS (Boulder) 5702

ACCESS ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

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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

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MEASURED PERFORMANCE PARAMETER VALUES

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ACCESS TIME . . . . . 50.350 SEC

USER FRACTION OF ACCESS TIME . . . . . 0.0025

INCORRECT ACCESS PROBABILITY . . . . . 0

ACCESS DENIAL PROBABILITY . . . . . 0

ACCESS OUTAGE PROBABILITY . . . . . 0

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REDUCTION SPECIFICATIONS

-----

SPECIFIED ACCESS TIME . . . . . 50.040 SEC

SPECIFIED USER FRACTION OF ACCESS TIME . . . . . 0.0100

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NTIA-ITS (Boulder) 5702

SOURCE DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

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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

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MEASURED PERFORMANCE PARAMETER VALUES

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DISENGAGEMENT TIME . . . . . 6.377 SEC

USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0143

DISENGAGEMENT DENIAL PROBABILITY . . . . . 0

-----

REDUCTION SPECIFICATIONS

-----

SPECIFIED DISENGAGEMENT TIME . . . . . 6.590 SEC

SPECIFIED USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0500

SPECIFIED ACCESS TIME . . . . . 50.040 SEC

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NTIA-ITS (Boulder) 5702

DESTINATION DISENGAGEMENT ASSESSMENT SUMMARY

PERFORMANCE STATISTICS

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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

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MEASURED PERFORMANCE PARAMETER VALUES

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DISENGAGEMENT TIME . . . . . 2.455 SEC

USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0303

DISENGAGEMENT DENIAL PROBABILITY . . . . . 0

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REDUCTION SPECIFICATIONS

-----

SPECIFIED DISENGAGEMENT TIME . . . . . 2.440 SEC

SPECIFIED USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0500

SPECIFIED ACCESS TIME . . . . . 50.040 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

NTIA-ITS (Boulder) 5708

SOURCE USER . . . . . NTIA - modem service  
 DESTINATION USER . . . . . NASA LeRC - over ACTS  
 ORIGINATING USER . . . . . SOURCE  
 SESSION CATEGORY . . . . . CONNECTION ORIENTED  
 INITIAL DISENGAGEMENT CATEGORY . . . . . NEGOTIATED  
 MEASUREMENT START TIME . . . . . 01/23/95 17:43:20.939 LT  
 MEASUREMENT END TIME . . . . . 01/23/95 18:07:07.913 LT  
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 5708

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 . . . . . 50.027 SEC  
 USER FRACTION OF ACCESS TIME . . . . . 0.0030  
 INCORRECT ACCESS PROBABILITY . . . . . 0  
 ACCESS DENIAL PROBABILITY . . . . . 0  
 ACCESS OUTAGE PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME . . . . . 50.040 SEC  
 SPECIFIED USER FRACTION OF ACCESS TIME . . . . . 0.0100

NTIA-ITS (Boulder) 5708

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 . . . . . 6.829 SEC  
 USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0132  
 DISENGAGEMENT DENIAL PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME . . . . . 6.590 SEC  
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0500  
 SPECIFIED ACCESS TIME . . . . . 50.040 SEC

NTIA-ITS (Boulder) 5708

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 . . . . . 2.465 SEC  
 USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0298  
 DISENGAGEMENT DENIAL PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME . . . . . 2.440 SEC  
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0500  
 SPECIFIED ACCESS TIME . . . . . 50.040 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

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 NTIA-ITS (Boulder) 5714  
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SOURCE USER . . . . . NTIA - modem service  
 DESTINATION USER . . . . . NASA LeRC - over ACTS  
 ORIGINATING USER . . . . . SOURCE

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

MEASUREMENT START TIME . . . . . 01/31/95 17:03:08.943 LT  
 MEASUREMENT END TIME . . . . . 01/31/95 17:26:57.557 LT  
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

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 NTIA-ITS (Boulder) 5714  
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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 . . . . . 50.315 SEC  
 USER FRACTION OF ACCESS TIME . . . . . 0.0025

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

REDUCTION SPECIFICATIONS

SPECIFIED ACCESS TIME . . . . . 50.040 SEC  
 SPECIFIED USER FRACTION OF ACCESS TIME . . . . . 0.0100

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 NTIA-ITS (Boulder) 5714  
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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 . . . . . 6.618 SEC  
 USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0137

DISENGAGEMENT DENIAL PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME . . . . . 6.590 SEC  
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0500

SPECIFIED ACCESS TIME . . . . . 50.040 SEC

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 NTIA-ITS (Boulder) 5714  
 -----

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 . . . . . 2.455 SEC  
 USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0301

DISENGAGEMENT DENIAL PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME . . . . . 2.440 SEC  
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0500

SPECIFIED ACCESS TIME . . . . . 50.040 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

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 NTIA-ITS (Boulder) 5704  
 -----

SOURCE USER . . . . . NTIA - modem service  
 DESTINATION USER . . . . . NASA LeRC - cver ACTS  
 ORIGINATING USER . . . . . SOURCE

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

MEASUREMENT START TIME . . . . . 01/13/95 12:54:04.066 LT  
 MEASUREMENT END TIME . . . . . 01/13/95 12:58:29.528 LT  
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

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 NTIA-ITS (Boulder) 5704  
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USER INFORMATION TRANSFER ASSESSMENT SUMMARY

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 CORRELATION SUMMARY  
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CORRELATOR OUTPUT BLOCKS . . . . . 50

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

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

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

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

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

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 CORRELATOR SPECIFICATIONS  
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USER INFORMATION WINDOW SIZE . . . . . 16 BITS

MAXIMUM DATA SHIFT EXECUTED IN BIT ERROR  
 IDENTIFICATION ALGORITHM . . . . . 64000 BITS

MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT  
 IDENTIFICATION ALGORITHM . . . . . 96000 BITS

MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT  
 IDENTIFICATION ALGORITHM . . . . . 96000 BITS

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 NTIA-ITS (Boulder) 5704  
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USER INFORMATION TRANSFER ASSESSMENT SUMMARY  
 (CONTINUED)

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 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 . . . . . 4 (+)  
 \* '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 . . . . . 204.194 SEC  
 \* USER OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 2.109 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) 5704  
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USER INFORMATION TRANSFER ASSESSMENT SUMMARY  
 (CONTINUED)

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 MEASURED PERFORMANCE PARAMETER VALUES  
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BIT ERROR PROBABILITY . . . . . 0  
 BIT LOSS PROBABILITY . . . . . 0  
 EXTRA BIT PROBABILITY . . . . . 0

BLOCK TRANSFER TIME . . . . . 12.570 SEC  
 USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0099

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

TRANSFER DENIAL PROBABILITY . . . . . 0

USER INFORMATION BIT TRANSFER RATE . . . . . 7679 BPS  
 USER FRACTION OF INPUT/OUTPUT TIME . . . . . 0.0103

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 REDUCTION SPECIFICATIONS  
 -----

SPECIFIED BLOCK TRANSFER TIME . . . . . 12.540 SEC  
 SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0300

SPECIFIED USER INFORMATION BIT TRANSFER RATE  
 FOR TRANSFER SAMPLE . . . . . 7677 BPS  
 SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME  
 FOR TRANSFER SAMPLE . . . . . 0.0300

SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10<sup>(-06)</sup>  
 SPECIFIED BIT LOSS PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10<sup>(-08)</sup>  
 SPECIFIED EXTRA BIT PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10<sup>(-08)</sup>

MINIMUM NUMBER OF BIT TRANSFER ATTEMPTS  
 IN TRANSFER SAMPLE . . . . . 320000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

-----  
 NTIA-ITS (Boulder) 5705  
 -----

SOURCE USER . . . . . NTIA - modem service  
 DESTINATION USER . . . . . NASA LeRC - over ACTS  
 ORIGINATING USER . . . . . SOURCE

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

MEASUREMENT START TIME . . . . . 01/13/95 12:59:49.065 LT  
 MEASUREMENT END TIME . . . . . 01/13/95 13:04:13.705 LT  
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

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 NTIA-ITS (Boulder) 5705  
 -----

USER INFORMATION TRANSFER ASSESSMENT SUMMARY

-----  
 CORRELATION SUMMARY  
 -----

CORRELATOR OUTPUT BLOCKS . . . . . 50

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

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

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

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

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

-----  
 CORRELATOR SPECIFICATIONS  
 -----

USER INFORMATION WINDOW SIZE . . . . . 16 BITS

MAXIMUM DATA SHIFT EXECUTED IN BIT ERROR  
 IDENTIFICATION ALGORITHM . . . . . 64000 BITS

MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT  
 IDENTIFICATION ALGORITHM . . . . . 96000 BITS

MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT  
 IDENTIFICATION ALGORITHM . . . . . 96000 BITS

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 NTIA-ITS (Boulder) 5705  
 -----

USER INFORMATION TRANSFER ASSESSMENT SUMMARY  
 (CONTINUED)

-----  
 PERFORMANCE STATISTICS  
 -----

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

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

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

INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 195.936 SEC  
 USER INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 1.880 SEC  
 OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 204.150 SEC  
 USER OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 2.271 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) 5705  
 -----

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 . . . . . 12.639 SEC  
 USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0106

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

TRANSFER DENIAL PROBABILITY . . . . . 0

USER INFORMATION BIT TRANSFER RATE . . . . . 7681 BPS  
 USER FRACTION OF INPUT/OUTPUT TIME . . . . . 0.0111

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 REDUCTION SPECIFICATIONS  
 -----

SPECIFIED BLOCK TRANSFER TIME . . . . . 12.540 SEC  
 SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0300

SPECIFIED USER INFORMATION BIT TRANSFER RATE  
 FOR TRANSFER SAMPLE . . . . . 7677 BPS  
 SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME  
 FOR TRANSFER SAMPLE . . . . . 0.0300

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

MINIMUM NUMBER OF BIT TRANSFER ATTEMPTS  
 IN TRANSFER SAMPLE . . . . . 320000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

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NTIA-ITS (Boulder) 5706

-----

SOURCE USER . . . . . NTIA - modem service

DESTINATION USER . . . . . NASA LeRC - over ACTS

ORIGINATING USER . . . . . SOURCE

SESSION CATEGORY . . . . . CONNECTION ORIENTED

INITIAL DISENGAGEMENT CATEGORY . . . . . NEGOTIATED

MEASUREMENT START TIME . . . . . 01/13/95 13:05:25.059 LT

MEASUREMENT END TIME . . . . . 01/13/95 13:09:50.653 LT

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

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NTIA-ITS (Boulder) 5706

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USER INFORMATION TRANSFER ASSESSMENT SUMMARY

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CORRELATION SUMMARY

-----

CORRELATOR OUTPUT BLOCKS . . . . . 50

'CORRECT' BCOS . . . . . 1600000

'INCORRECT' BCOS . . . . . 1600000

'UNDELIVERED' BCOS . . . . . 0

'EXTRA' BCOS . . . . . 0

SOURCE USER INFORMATION BLOCKS TRANSMITTED . . . . . 50

SOURCE USER INFORMATION BLOCKS CORRELATED . . . . . 50

SOURCE USER INFORMATION BITS TRANSMITTED . . . . . 1600000

SOURCE USER INFORMATION BITS CORRELATED . . . . . 1600000

DESTINATION USER INFORMATION BLOCKS RECEIVED . . . . . 50

DESTINATION USER INFORMATION BLOCKS CORRELATED . . . . . 50

DESTINATION USER INFORMATION BITS RECEIVED . . . . . 1600000

DESTINATION USER INFORMATION BITS CORRELATED . . . . . 1600000

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CORRELATOR SPECIFICATIONS

-----

USER INFORMATION WINDOW SIZE . . . . . 16 BITS

MAXIMUM DATA SHIFT EXECUTED IN BIT ERROR IDENTIFICATION ALGORITHM . . . . . 64000 BITS

MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT IDENTIFICATION ALGORITHM . . . . . 96000 BITS

MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT IDENTIFICATION ALGORITHM . . . . . 96000 BITS

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NTIA-ITS (Boulder) 5706

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USER INFORMATION TRANSFER ASSESSMENT SUMMARY (CONTINUED)

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PERFORMANCE STATISTICS

-----

BIT TRANSFER ATTEMPTS . . . . . 1600000 (+)

'SUCCESSFUL BIT TRANSFER' OUTCOMES . . . . . 1600000

'INCORRECT BIT' OUTCOMES . . . . . 0

PAIRS OF SUCCESSIVE 'INCORRECT BIT' OUTCOMES . . . . . 0

'LOST BIT' OUTCOMES . . . . . 0

PAIRS OF SUCCESSIVE 'LOST BIT' OUTCOMES . . . . . 0

'EXTRA BIT' OUTCOMES . . . . . 0

PAIRS OF SUCCESSIVE 'EXTRA BIT' OUTCOMES . . . . . 0

BLOCK TRANSFER ATTEMPTS . . . . . 50 (+)

'SUCCESSFUL BLOCK TRANSFER' OUTCOMES . . . . . 50

'INCORRECT BLOCK' OUTCOMES . . . . . 0

PAIRS OF SUCCESSIVE 'INCORRECT BLOCK' OUTCOMES . . . . . 0

'LOST BLOCK' OUTCOMES . . . . . 0

PAIRS OF SUCCESSIVE 'LOST BLOCK' OUTCOMES . . . . . 0

'EXTRA BLOCK' OUTCOMES . . . . . 0

PAIRS OF SUCCESSIVE 'EXTRA BLOCK' OUTCOMES . . . . . 0

TRANSFER SAMPLES . . . . . 4 (+)

'TRANSFER DENIAL' OUTCOMES . . . . . 0

PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES . . . . . 0

INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 195.937 SEC

USER INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 1.769 SEC

OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 204.235 SEC

USER OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 2.303 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) 5706

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USER INFORMATION TRANSFER ASSESSMENT SUMMARY (CONTINUED)

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MEASURED PERFORMANCE PARAMETER VALUES

-----

BIT ERROR PROBABILITY . . . . . 0

BIT LOSS PROBABILITY . . . . . 0

EXTRA BIT PROBABILITY . . . . . 0

BLOCK TRANSFER TIME . . . . . 12.779 SEC

USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0106

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 . . . . . 0.0113

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REDUCTION SPECIFICATIONS

-----

SPECIFIED BLOCK TRANSFER TIME . . . . . 12.540 SEC

SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0300

SPECIFIED USER INFORMATION BIT TRANSFER RATE FOR TRANSFER SAMPLE . . . . . 7677 BPS

SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME FOR TRANSFER SAMPLE . . . . . 0.0300

SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10(-06)

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

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

MINIMUM NUMBER OF BIT TRANSFER ATTEMPTS IN TRANSFER SAMPLE . . . . . 320000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

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NTIA-ITS (Boulder) 5709

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SOURCE USER . . . . . NTIA - modem service

DESTINATION USER . . . . . NASA LeRC - over ACTS

ORIGINATING USER . . . . . SOURCE

SESSION CATEGORY . . . . . CONNECTION ORIENTED

INITIAL DISENGAGEMENT CATEGORY . . . . . NEGOTIATED

MEASUREMENT START TIME . . . . . 01/23/95 18:08:30.052 LT

MEASUREMENT END TIME . . . . . 01/23/95 18:11:10.967 LT

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

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NTIA-ITS (Boulder) 5709

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USER INFORMATION TRANSFER ASSESSMENT SUMMARY

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CORRELATION SUMMARY

CORRELATOR OUTPUT BLOCKS . . . . . 50

BIT COMPARISON OUTCOMES (BCOS) . . . . . 800000

'CORRECT' BCOS . . . . . 800000

'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 . . . . . 800000

SOURCE USER INFORMATION BITS CORRELATED . . . . . 800000

DESTINATION USER INFORMATION BLOCKS RECEIVED . . . . . 50

DESTINATION USER INFORMATION BLOCKS CORRELATED . . . . . 50

DESTINATION USER INFORMATION BITS RECEIVED . . . . . 800000

DESTINATION USER INFORMATION BITS CORRELATED . . . . . 800000

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CORRELATOR SPECIFICATIONS

USER INFORMATION WINDOW SIZE . . . . . 16 BITS

MAXIMUM DATA SHIFT EXECUTED IN BIT ERROR IDENTIFICATION ALGORITHM . . . . . 64000 BITS

MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT IDENTIFICATION ALGORITHM . . . . . 96000 BITS

MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT IDENTIFICATION ALGORITHM . . . . . 96000 BITS

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NTIA-ITS (Boulder) 5709

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USER INFORMATION TRANSFER ASSESSMENT SUMMARY  
(CONTINUED)

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PERFORMANCE STATISTICS

BIT TRANSFER ATTEMPTS . . . . . 800000 (+)

'SUCCESSFUL BIT TRANSFER' OUTCOMES . . . . . 800000

'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 . . . . . 2 (+)

'TRANSFER DENIAL' OUTCOMES . . . . . 0

PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES . . . . . 0

INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 95.965 SEC

USER INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 1.772 SEC

OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 102.130 SEC

USER OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 2.415 SEC

BIT TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE . . . . . 784000

'SUCCESSFUL BIT TRANSFER' OUTCOMES IN THROUGHPUT SAMPLE . . . . . 784000

BLOCK TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE . . . . . 49

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

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NTIA-ITS (Boulder) 5709

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USER INFORMATION TRANSFER ASSESSMENT SUMMARY  
(CONTINUED)

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MEASURED PERFORMANCE PARAMETER VALUES

BIT ERROR PROBABILITY . . . . . 0

BIT LOSS PROBABILITY . . . . . 0

EXTRA BIT PROBABILITY . . . . . 0

BLOCK TRANSFER TIME . . . . . 7.440 SEC

USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0223

BLOCK ERROR PROBABILITY . . . . . 0

BLOCK LOSS PROBABILITY . . . . . 0

EXTRA BLOCK PROBABILITY . . . . . 0

TRANSFER DENIAL PROBABILITY . . . . . 0

USER INFORMATION BIT TRANSFER RATE . . . . . 7676 BPS

USER FRACTION OF INPUT/OUTPUT TIME . . . . . 0.0236

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REDUCTION SPECIFICATIONS

SPECIFIED BLOCK TRANSFER TIME . . . . . 12.540 SEC

SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0300

SPECIFIED USER INFORMATION BIT TRANSFER RATE FOR TRANSFER SAMPLE . . . . . 7677 BPS

SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME FOR TRANSFER SAMPLE . . . . . 0.0300

SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10<sup>(-06)</sup>

SPECIFIED BIT LOSS PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10<sup>(-08)</sup>

SPECIFIED EXTRA BIT PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10<sup>(-08)</sup>

MINIMUM NUMBER OF BIT TRANSFER ATTEMPTS IN TRANSFER SAMPLE . . . . . 320000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

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NTIA-ITS (Boulder) 5710

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SOURCE USER . . . . . NTIA - modem service

DESTINATION USER . . . . . NASA LeRC - over ACTS

ORIGINATING USER . . . . . SOURCE

SESSION CATEGORY . . . . . CONNECTION ORIENTED

INITIAL DISENGAGEMENT CATEGORY . . . . . NEGOTIATED

MEASUREMENT START TIME . . . . . 01/23/95 18:11:38.045 LT

MEASUREMENT END TIME . . . . . 01/23/95 18:14:19.000 LT

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

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NTIA-ITS (Boulder) 5710

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USER INFORMATION TRANSFER ASSESSMENT SUMMARY

-----

CORRELATION SUMMARY

-----

CORRELATOR OUTPUT BLOCKS . . . . . 50

BIT COMPARISON OUTCOMES (BCOS) . . . . . 800000

'CORRECT' BCOS . . . . . 800000

'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 . . . . . 800000

SOURCE USER INFORMATION BITS CORRELATED . . . . . 800000

DESTINATION USER INFORMATION BLOCKS RECEIVED . . . . . 50

DESTINATION USER INFORMATION BLOCKS CORRELATED . . . . . 50

DESTINATION USER INFORMATION BITS RECEIVED . . . . . 800000

DESTINATION USER INFORMATION BITS CORRELATED . . . . . 800000

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CORRELATOR SPECIFICATIONS

-----

USER INFORMATION WINDOW SIZE . . . . . 16 BITS

MAXIMUM DATA SHIFT EXECUTED IN BIT ERROR IDENTIFICATION ALGORITHM . . . . . 64000 BITS

MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT IDENTIFICATION ALGORITHM . . . . . 96000 BITS

MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT IDENTIFICATION ALGORITHM . . . . . 96000 BITS

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NTIA-ITS (Boulder) 5710

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USER INFORMATION TRANSFER ASSESSMENT SUMMARY (CONTINUED)

-----

PERFORMANCE STATISTICS

-----

BIT TRANSFER ATTEMPTS . . . . . 800000 (+)

'SUCCESSFUL BIT TRANSFER' OUTCOMES . . . . . 800000

'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 . . . . . 2 (+)

'TRANSFER DENIAL' OUTCOMES . . . . . 0

PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES . . . . . 0

INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 95.963 SEC

USER INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 1.772 SEC

OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 102.165 SEC

USER OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 2.571 SEC

BIT TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE . . . . . 784000

'SUCCESSFUL BIT TRANSFER' OUTCOMES IN THROUGHPUT SAMPLE . . . . . 784000

BLOCK TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE . . . . . 49

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

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NTIA-ITS (Boulder) 5710

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USER INFORMATION TRANSFER ASSESSMENT SUMMARY (CONTINUED)

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MEASURED PERFORMANCE PARAMETER VALUES

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BIT ERROR PROBABILITY . . . . . 0

BIT LOSS PROBABILITY . . . . . 0

EXTRA BIT PROBABILITY . . . . . 0

BLOCK TRANSFER TIME . . . . . 7.470 SEC

USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0233

BLOCK ERROR PROBABILITY . . . . . 0

BLOCK LOSS PROBABILITY . . . . . 0

EXTRA BLOCK PROBABILITY . . . . . 0

TRANSFER DENIAL PROBABILITY . . . . . 0

USER INFORMATION BIT TRANSFER RATE . . . . . 7674 BPS

USER FRACTION OF INPUT/OUTPUT TIME . . . . . 0.0252

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REDUCTION SPECIFICATIONS

-----

SPECIFIED BLOCK TRANSFER TIME . . . . . 12.540 SEC

SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0300

SPECIFIED USER INFORMATION BIT TRANSFER RATE FOR TRANSFER SAMPLE . . . . . 7677 BPS

SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME FOR TRANSFER SAMPLE . . . . . 0.0300

SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10(-06)

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

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

MINIMUM NUMBER OF BIT TRANSFER ATTEMPTS IN TRANSFER SAMPLE . . . . . 320000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

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 NTIA-ITS (Boulder) 5711  
 -----  
 SOURCE USER . . . . . NTIA - modem service  
 DESTINATION USER . . . . . NASA LeRC - over ACTS  
 ORIGINATING USER . . . . . SOURCE  
 SESSION CATEGORY . . . . . CONNECTION ORIENTED  
 INITIAL DISENGAGEMENT CATEGORY . . . . . NEGOTIATED  
 MEASUREMENT START TIME . . . . . 01/31/95 15:19:28.297 LT  
 MEASUREMENT END TIME . . . . . 01/31/95 15:23:52.251 LT  
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

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 NTIA-ITS (Boulder) 5711  
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USER INFORMATION TRANSFER ASSESSMENT SUMMARY

-----  
 CORRELATION SUMMARY  
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CORRELATOR OUTPUT BLOCKS . . . . . 50  
 \* BIT COMPARISON OUTCOMES (BCOS) . . . . . 1600000  
 \* 'CORRECT' BCOS . . . . . 1599992  
 \* 'INCORRECT' BCOS . . . . . 0  
 \* 'UNDELIVERED' BCOS . . . . . 8  
 \* '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 . . . . . 1599992  
 \* DESTINATION USER INFORMATION BITS CORRELATED . . . . . 1599992

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 CORRELATOR SPECIFICATIONS  
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USER INFORMATION WINDOW SIZE . . . . . 16 BITS  
 \* MAXIMUM DATA SHIFT EXECUTED IN BIT ERROR  
 \* IDENTIFICATION ALGORITHM . . . . . 64000 BITS  
 \* MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT  
 \* IDENTIFICATION ALGORITHM . . . . . 96000 BITS  
 \* MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT  
 \* IDENTIFICATION ALGORITHM . . . . . 96000 BITS

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 NTIA-ITS (Boulder) 5711  
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USER INFORMATION TRANSFER ASSESSMENT SUMMARY  
 (CONTINUED)

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 PERFORMANCE STATISTICS  
 -----

BIT TRANSFER ATTEMPTS . . . . . 1600000 (+)  
 \* 'SUCCESSFUL BIT TRANSFER' OUTCOMES . . . . . 1599992  
 \* 'INCORRECT BIT' OUTCOMES . . . . . 0  
 \* PAIRS OF SUCCESSIVE 'INCORRECT BIT' OUTCOMES . . . . . 0  
 \* 'LOST BIT' OUTCOMES . . . . . 8  
 \* PAIRS OF SUCCESSIVE 'LOST BIT' OUTCOMES . . . . . 7  
 \* 'EXTRA BIT' OUTCOMES . . . . . 0  
 \* PAIRS OF SUCCESSIVE 'EXTRA BIT' OUTCOMES . . . . . 0  
 BLOCK TRANSFER ATTEMPTS . . . . . 50 (+)  
 \* 'SUCCESSFUL BLOCK TRANSFER' OUTCOMES . . . . . 49  
 \* 'INCORRECT BLOCK' OUTCOMES . . . . . 1  
 \* PAIRS OF SUCCESSIVE 'INCORRECT BLOCK' OUTCOMES . . . . . 0  
 \* 'LOST BLOCK' OUTCOMES . . . . . 0  
 \* PAIRS OF SUCCESSIVE 'LOST BLOCK' OUTCOMES . . . . . 0  
 \* 'EXTRA BLOCK' OUTCOMES . . . . . 0  
 \* PAIRS OF SUCCESSIVE 'EXTRA BLOCK' OUTCOMES . . . . . 0  
 TRANSFER SAMPLES . . . . . 4 (+)  
 \* 'TRANSFER DENIAL' OUTCOMES . . . . . 0  
 \* PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES . . . . . 0  
 INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 195.938 SEC  
 \* USER INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 1.769 SEC  
 \* OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 204.253 SEC  
 \* USER OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 2.145 SEC  
 \* BIT TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE . . . . . 1568000  
 \* 'SUCCESSFUL BIT TRANSFER' OUTCOMES IN THROUGHPUT SAMPLE . . . . . 1567992  
 \* BLOCK TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE . . . . . 49

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

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 NTIA-ITS (Boulder) 5711  
 -----

USER INFORMATION TRANSFER ASSESSMENT SUMMARY  
 (CONTINUED)

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 MEASURED PERFORMANCE PARAMETER VALUES  
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BIT ERROR PROBABILITY . . . . . 0  
 \* BIT LOSS PROBABILITY . . . . . 5.0 X 10(-06)  
 \* EXTRA BIT PROBABILITY . . . . . 0  
 \* BLOCK TRANSFER TIME . . . . . 12.576 SEC  
 \* USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0101  
 \* BLOCK ERROR PROBABILITY . . . . . 2.0 X 10(-02)  
 \* 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 . . . . . 0.0105

-----  
 REDUCTION SPECIFICATIONS  
 -----

SPECIFIED BLOCK TRANSFER TIME . . . . . 12.540 SEC  
 \* SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0300  
 \* SPECIFIED USER INFORMATION BIT TRANSFER RATE  
 \* FOR TRANSFER SAMPLE . . . . . 7677 BPS  
 \* SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME  
 \* FOR TRANSFER SAMPLE . . . . . 0.0300  
 \* SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10(-06)  
 \* SPECIFIED BIT LOSS PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10(-08)  
 \* SPECIFIED EXTRA BIT PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10(-08)  
 \* MINIMUM NUMBER OF BIT TRANSFER ATTEMPTS  
 \* IN TRANSFER SAMPLE . . . . . 320000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

-----  
 NTIA-ITS (Boulder) 5712  
 -----

SOURCE USER . . . . . NTIA - modem service  
 DESTINATION USER . . . . . NASA LeRC - over ACTS  
 ORIGINATING USER . . . . . SOURCE

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

MEASUREMENT START TIME . . . . . 01/31/95 15:24:45.048 LT  
 MEASUREMENT END TIME . . . . . 01/31/95 15:29:10.291 LT

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

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 NTIA-ITS (Boulder) 5712  
 -----

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

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 CORRELATOR SPECIFICATIONS

USER INFORMATION WINDOW SIZE . . . . . 16 BITS

MAXIMUM DATA SHIFT EXECUTED IN BIT ERROR  
 IDENTIFICATION ALGORITHM . . . . . 64000 BITS

MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT  
 IDENTIFICATION ALGORITHM . . . . . 96000 BITS

MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT  
 IDENTIFICATION ALGORITHM . . . . . 96000 BITS

-----  
 NTIA-ITS (Boulder) 5712  
 -----

USER INFORMATION TRANSFER ASSESSMENT SUMMARY  
 (CONTINUED)

-----  
 PERFORMANCE STATISTICS

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

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

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

INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 195.936 SEC  
 USER INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 1.772 SEC  
 OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 204.234 SEC  
 USER OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 2.065 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) 5712  
 -----

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 . . . . . 12.579 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 . . . . . 0.0101

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 REDUCTION SPECIFICATIONS

SPECIFIED BLOCK TRANSFER TIME . . . . . 12.540 SEC  
 SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0300

SPECIFIED USER INFORMATION BIT TRANSFER RATE  
 FOR TRANSFER SAMPLE . . . . . 7677 BPS  
 SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME  
 FOR TRANSFER SAMPLE . . . . . 0.0300

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

MINIMUM NUMBER OF BIT TRANSFER ATTEMPTS  
 IN TRANSFER SAMPLE . . . . . 320000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

-----  
 NTIA-ITS (Boulder) 5601  
 -----  
 SOURCE USER . . . . . NTIA - x.25 over ckt channel  
 DESTINATION USER . . . . . NASA LeRC - over ACTS  
 ORIGINATING USER . . . . . SOURCE  
 SESSION CATEGORY . . . . . CONNECTION ORIENTED  
 INITIAL DISENGAGEMENT CATEGORY . . . . . NEGOTIATED  
 MEASUREMENT START TIME . . . . . 01/05/95 16:04:43.978 LT  
 MEASUREMENT END TIME . . . . . 01/05/95 16:05:11.431 LT  
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

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 NTIA-ITS (Boulder) 5601  
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USER INFORMATION TRANSFER ASSESSMENT SUMMARY

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 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

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 CORRELATOR SPECIFICATIONS

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

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 NTIA-ITS (Boulder) 5601  
 -----

USER INFORMATION TRANSFER ASSESSMENT SUMMARY  
 (CONTINUED)

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 PERFORMANCE STATISTICS

BIT TRANSFER ATTEMPTS . . . . . 1600000 (+)  
 'SUCCESSFUL BIT TRANSFER' OUTCOMES . . . . . 1600000  
 'INCORRECT BIT' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'INCORRECT BIT' OUTCOMES . . . . . 0  
 'LOST BIT' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'LOST BIT' OUTCOMES . . . . . 0  
 'EXTRA BIT' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'EXTRA BIT' OUTCOMES . . . . . 0  
 BLOCK TRANSFER ATTEMPTS . . . . . 50 (+)  
 'SUCCESSFUL BLOCK TRANSFER' OUTCOMES . . . . . 50  
 'INCORRECT BLOCK' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'INCORRECT BLOCK' OUTCOMES . . . . . 0  
 'LOST BLOCK' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'LOST BLOCK' OUTCOMES . . . . . 0  
 'EXTRA BLOCK' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'EXTRA BLOCK' OUTCOMES . . . . . 0  
 TRANSFER SAMPLES . . . . . 4 (+)  
 'TRANSFER DENIAL' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES . . . . . 0  
 INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 10.237 SEC  
 USER INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 1.667 SEC  
 OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 24.927 SEC  
 USER OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 1.676 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) 5601  
 -----

USER INFORMATION TRANSFER ASSESSMENT SUMMARY  
 (CONTINUED)

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 MEASURED PERFORMANCE PARAMETER VALUES

BIT ERROR PROBABILITY . . . . . 0  
 BIT LOSS PROBABILITY . . . . . 0  
 EXTRA BIT PROBABILITY . . . . . 0  
 BLOCK TRANSFER TIME . . . . . 9.660 SEC  
 USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0739  
 BLOCK ERROR PROBABILITY . . . . . 0  
 BLOCK LOSS PROBABILITY . . . . . 0  
 EXTRA BLOCK PROBABILITY . . . . . 0  
 TRANSFER DENIAL PROBABILITY . . . . . 0  
 USER INFORMATION BIT TRANSFER RATE . . . . . 62904 BPS  
 USER FRACTION OF INPUT/OUTPUT TIME . . . . . 0.0672

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 REDUCTION SPECIFICATIONS

SPECIFIED BLOCK TRANSFER TIME . . . . . 9.670 SEC  
 SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0800  
 SPECIFIED USER INFORMATION BIT TRANSFER RATE  
 FOR TRANSFER SAMPLE . . . . . 63020 BPS  
 SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME  
 FOR TRANSFER SAMPLE . . . . . 0.0700  
 SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10(-06)  
 SPECIFIED BIT LOSS PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10(-08)  
 SPECIFIED EXTRA BIT PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10(-08)  
 MINIMUM NUMBER OF BIT TRANSFER ATTEMPTS  
 IN TRANSFER SAMPLE . . . . . 32000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

NTIA-ITS (Boulder) 5602

SOURCE USER . . . . . NTIA - x.25 over ckt channel  
 DESTINATION USER . . . . . NASA LeRC - over ACTS  
 ORIGINATING USER . . . . . SOURCE  
 SESSION CATEGORY . . . . . CONNECTION ORIENTED  
 INITIAL DISENGAGEMENT CATEGORY . . . . . NEGOTIATED  
 MEASUREMENT START TIME . . . . . 01/05/95 16:08:13.971 LT  
 MEASUREMENT END TIME . . . . . 01/05/95 16:08:41.350 LT  
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 5602

USER INFORMATION TRANSFER ASSESSMENT SUMMARY

CORRELATION SUMMARY

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

CORRELATOR SPECIFICATIONS

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

NTIA-ITS (Boulder) 5602

USER INFORMATION TRANSFER ASSESSMENT SUMMARY  
(CONTINUED)

PERFORMANCE STATISTICS

BIT TRANSFER ATTEMPTS . . . . . 1600000 (+)  
 'SUCCESSFUL BIT TRANSFER' OUTCOMES . . . . . 1600000  
 'INCORRECT BIT' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'INCORRECT BIT' OUTCOMES . . . . . 0  
 'LOST BIT' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'LOST BIT' OUTCOMES . . . . . 0  
 'EXTRA BIT' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'EXTRA BIT' OUTCOMES . . . . . 0  
 BLOCK TRANSFER ATTEMPTS . . . . . 50 (+)  
 'SUCCESSFUL BLOCK TRANSFER' OUTCOMES . . . . . 50  
 'INCORRECT BLOCK' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'INCORRECT BLOCK' OUTCOMES . . . . . 0  
 'LOST BLOCK' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'LOST BLOCK' OUTCOMES . . . . . 0  
 'EXTRA BLOCK' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'EXTRA BLOCK' OUTCOMES . . . . . 0  
 TRANSFER SAMPLES . . . . . 4 (+)  
 'TRANSFER DENIAL' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES . . . . . 0  
 INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 10.253 SEC  
 USER INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 1.712 SEC  
 OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 24.856 SEC  
 USER OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 1.675 SEC  
 BIT TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE . . . . . 1568000  
 'SUCCESSFUL BIT TRANSFER' OUTCOMES IN THROUGHPUT SAMPLE . . . . . 1568000  
 BLOCK TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE . . . . . 49

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

NTIA-ITS (Boulder) 5602

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 . . . . . 9.637 SEC  
 USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0862  
 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 . . . . . 0.0689

REDUCTION SPECIFICATIONS

SPECIFIED BLOCK TRANSFER TIME . . . . . 9.670 SEC  
 SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0800  
 SPECIFIED USER INFORMATION BIT TRANSFER RATE  
 FOR TRANSFER SAMPLE . . . . . 63020 BPS  
 SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME  
 FOR TRANSFER SAMPLE . . . . . 0.0700  
 SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10<sup>-06</sup>  
 SPECIFIED BIT LOSS PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10<sup>-08</sup>  
 SPECIFIED EXTRA BIT PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10<sup>-08</sup>  
 MINIMUM NUMBER OF BIT TRANSFER ATTEMPTS  
 IN TRANSFER SAMPLE . . . . . 320000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

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 NTIA-ITS (Boulder) 5603  
 -----

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

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

MEASUREMENT START TIME . . . . . 01/05/95 16:09:30.972 LT  
 MEASUREMENT END TIME . . . . . 01/05/95 16:09:58.356 LT  
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

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 NTIA-ITS (Boulder) 5603  
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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

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 CORRELATOR SPECIFICATIONS  
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USER INFORMATION WINDOW SIZE . . . . . 16 BITS

MAXIMUM DATA SHIFT EXECUTED IN BIT ERROR  
 IDENTIFICATION ALGORITHM . . . . . 64000 BITS

MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT  
 IDENTIFICATION ALGORITHM . . . . . 96000 BITS

MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT  
 IDENTIFICATION ALGORITHM . . . . . 96000 BITS

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 NTIA-ITS (Boulder) 5603  
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USER INFORMATION TRANSFER ASSESSMENT SUMMARY  
 (CONTINUED)

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 PERFORMANCE STATISTICS  
 -----

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

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

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

INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 10.137 SEC  
 USER INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 1.676 SEC  
 OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 24.921 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

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 NTIA-ITS (Boulder) 5603  
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USER INFORMATION TRANSFER ASSESSMENT SUMMARY  
 (CONTINUED)

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 MEASURED PERFORMANCE PARAMETER VALUES  
 -----

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

BLOCK TRANSFER TIME . . . . . 9.697 SEC  
 USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0738

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

TRANSFER DENIAL PROBABILITY . . . . . 0

USER INFORMATION BIT TRANSFER RATE . . . . . 62919 BPS  
 USER FRACTION OF INPUT/OUTPUT TIME . . . . . 0.0673

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 REDUCTION SPECIFICATIONS  
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SPECIFIED BLOCK TRANSFER TIME . . . . . 9.670 SEC  
 SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0800

SPECIFIED USER INFORMATION BIT TRANSFER RATE  
 FOR TRANSFER SAMPLE . . . . . 63020 BPS  
 SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME  
 FOR TRANSFER SAMPLE . . . . . 0.0700

SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10<sup>(-06)</sup>  
 SPECIFIED BIT LOSS PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10<sup>(-08)</sup>  
 SPECIFIED EXTRA BIT PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10<sup>(-08)</sup>

MINIMUM NUMBER OF BIT TRANSFER ATTEMPTS  
 IN TRANSFER SAMPLE . . . . . 320000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

NTIA-ITS (Boulder) 5606

SOURCE USER . . . . . NTIA - x.25 over ckt channel

DESTINATION USER . . . . . NASA LeRC - over ACTS

ORIGINATING USER . . . . . SOURCE

SESSION CATEGORY . . . . . CONNECTION ORIENTED

INITIAL DISENGAGEMENT CATEGORY . . . . . NEGOTIATED

MEASUREMENT START TIME . . . . . 01/17/95 14:19:34.105 LT

MEASUREMENT END TIME . . . . . 01/17/95 14:20:01.559 LT

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

NTIA-ITS (Boulder) 5606

USER INFORMATION TRANSFER ASSESSMENT SUMMARY

CORRELATION SUMMARY

CORRELATOR OUTPUT BLOCKS . . . . . 50

BIT COMPARISON OUTCOMES (BCOS) . . . . . 1600000

'CORRECT' BCOS . . . . . 1600000

'INCORRECT' BCOS . . . . . 0

'UNDELIVERED' BCOS . . . . . 0

'EXTRA' BCOS . . . . . 0

SOURCE USER INFORMATION BLOCKS TRANSMITTED . . . . . 50

SOURCE USER INFORMATION BLOCKS CORRELATED . . . . . 50

SOURCE USER INFORMATION BITS TRANSMITTED . . . . . 1600000

SOURCE USER INFORMATION BITS CORRELATED . . . . . 1600000

DESTINATION USER INFORMATION BLOCKS RECEIVED . . . . . 50

DESTINATION USER INFORMATION BLOCKS CORRELATED . . . . . 50

DESTINATION USER INFORMATION BITS RECEIVED . . . . . 1600000

DESTINATION USER INFORMATION BITS CORRELATED . . . . . 1600000

CORRELATOR SPECIFICATIONS

USER INFORMATION WINDOW SIZE . . . . . 16 BITS

MAXIMUM DATA SHIFT EXECUTED IN BIT ERROR . . . . .

IDENTIFICATION ALGORITHM . . . . . 64000 BITS

MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT . . . . .

IDENTIFICATION ALGORITHM . . . . . 96000 BITS

MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT . . . . .

IDENTIFICATION ALGORITHM . . . . . 96000 BITS

NTIA-ITS (Boulder) 5606

USER INFORMATION TRANSFER ASSESSMENT SUMMARY  
(CONTINUED)

PERFORMANCE STATISTICS

BIT TRANSFER ATTEMPTS . . . . . 1600000 (+)

'SUCCESSFUL BIT TRANSFER' OUTCOMES . . . . . 1600000

'INCORRECT BIT' OUTCOMES . . . . . 0

PAIRS OF SUCCESSIVE 'INCORRECT BIT' OUTCOMES . . . . . 0

'LOST BIT' OUTCOMES . . . . . 0

PAIRS OF SUCCESSIVE 'LOST BIT' OUTCOMES . . . . . 0

'EXTRA BIT' OUTCOMES . . . . . 0

PAIRS OF SUCCESSIVE 'EXTRA BIT' OUTCOMES . . . . . 0

BLOCK TRANSFER ATTEMPTS . . . . . 50 (+)

'SUCCESSFUL BLOCK TRANSFER' OUTCOMES . . . . . 50

'INCORRECT BLOCK' OUTCOMES . . . . . 0

PAIRS OF SUCCESSIVE 'INCORRECT BLOCK' OUTCOMES . . . . . 0

'LOST BLOCK' OUTCOMES . . . . . 0

PAIRS OF SUCCESSIVE 'LOST BLOCK' OUTCOMES . . . . . 0

'EXTRA BLOCK' OUTCOMES . . . . . 0

PAIRS OF SUCCESSIVE 'EXTRA BLOCK' OUTCOMES . . . . . 0

TRANSFER SAMPLES . . . . . 4 (+)

'TRANSFER DENIAL' OUTCOMES . . . . . 0

PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES . . . . . 0

INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 10.210 SEC

USER INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 1.689 SEC

OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 24.909 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) 5606

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 . . . . . 9.642 SEC

USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0743

BLOCK ERROR PROBABILITY . . . . . 0

BLOCK LOSS PROBABILITY . . . . . 0

EXTRA BLOCK PROBABILITY . . . . . 0

TRANSFER DENIAL PROBABILITY . . . . . 0

USER INFORMATION BIT TRANSFER RATE . . . . . 62949 BPS

USER FRACTION OF INPUT/OUTPUT TIME . . . . . 0.0678

REDUCTION SPECIFICATIONS

SPECIFIED BLOCK TRANSFER TIME . . . . . 9.670 SEC

SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0800

SPECIFIED USER INFORMATION BIT TRANSFER RATE . . . . .

FOR TRANSFER SAMPLE . . . . . 63020 BPS

SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME . . . . .

FOR TRANSFER SAMPLE . . . . . 0.0700

SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10(-06)

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

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

MINIMUM NUMBER OF BIT TRANSFER ATTEMPTS . . . . .

IN TRANSFER SAMPLE . . . . . 320000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

NTIA-ITS (Boulder) 5607

SOURCE USER . . . . . NTIA - x.25 over ckt channel

DESTINATION USER . . . . . NASA LeRC - over ACTS

ORIGINATING USER . . . . . SOURCE

SESSION CATEGORY . . . . . CONNECTION ORIENTED

INITIAL DISENGAGEMENT CATEGORY . . . . . NEGOTIATED

MEASUREMENT START TIME . . . . . 01/17/95 14:21:20.087 LT

MEASUREMENT END TIME . . . . . 01/17/95 14:21:47.409 LT

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

NTIA-ITS (Boulder) 5607

USER INFORMATION TRANSFER ASSESSMENT SUMMARY

CORRELATION SUMMARY

CORRELATOR OUTPUT BLOCKS . . . . . 50

BIT COMPARISON OUTCOMES (BCOS) . . . . . 1600000

'CORRECT' BCOS . . . . . 1600000

'INCORRECT' BCOS . . . . . 0

'UNDELIVERED' BCOS . . . . . 0

'EXTRA' BCOS . . . . . 0

SOURCE USER INFORMATION BLOCKS TRANSMITTED . . . . . 50

SOURCE USER INFORMATION BLOCKS CORRELATED . . . . . 50

SOURCE USER INFORMATION BITS TRANSMITTED . . . . . 1600000

SOURCE USER INFORMATION BITS CORRELATED . . . . . 1600000

DESTINATION USER INFORMATION BLOCKS RECEIVED . . . . . 50

DESTINATION USER INFORMATION BLOCKS CORRELATED . . . . . 50

DESTINATION USER INFORMATION BITS RECEIVED . . . . . 1600000

DESTINATION USER INFORMATION BITS CORRELATED . . . . . 1600000

CORRELATOR SPECIFICATIONS

USER INFORMATION WINDOW SIZE . . . . . 16 BITS

MAXIMUM DATA SHIFT EXECUTED IN BIT ERROR IDENTIFICATION ALGORITHM . . . . . 64000 BITS

MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT IDENTIFICATION ALGORITHM . . . . . 96000 BITS

MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT IDENTIFICATION ALGORITHM . . . . . 96000 BITS

NTIA-ITS (Boulder) 5607

USER INFORMATION TRANSFER ASSESSMENT SUMMARY (CONTINUED)

PERFORMANCE STATISTICS

BIT TRANSFER ATTEMPTS . . . . . 1600000 (+)

'SUCCESSFUL BIT TRANSFER' OUTCOMES . . . . . 1600000

'INCORRECT BIT' OUTCOMES . . . . . 0

PAIRS OF SUCCESSIVE 'INCORRECT BIT' OUTCOMES . . . . . 0

'LOST BIT' OUTCOMES . . . . . 0

PAIRS OF SUCCESSIVE 'LOST BIT' OUTCOMES . . . . . 0

'EXTRA BIT' OUTCOMES . . . . . 0

PAIRS OF SUCCESSIVE 'EXTRA BIT' OUTCOMES . . . . . 0

BLOCK TRANSFER ATTEMPTS . . . . . 50 (+)

'SUCCESSFUL BLOCK TRANSFER' OUTCOMES . . . . . 50

'INCORRECT BLOCK' OUTCOMES . . . . . 0

PAIRS OF SUCCESSIVE 'INCORRECT BLOCK' OUTCOMES . . . . . 0

'LOST BLOCK' OUTCOMES . . . . . 0

PAIRS OF SUCCESSIVE 'LOST BLOCK' OUTCOMES . . . . . 0

'EXTRA BLOCK' OUTCOMES . . . . . 0

PAIRS OF SUCCESSIVE 'EXTRA BLOCK' OUTCOMES . . . . . 0

TRANSFER SAMPLES . . . . . 4 (+)

'TRANSFER DENIAL' OUTCOMES . . . . . 0

PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES . . . . . 0

INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 10.210 SEC

USER INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 1.678 SEC

OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 24.866 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) 5607

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 . . . . . 0.0742

BLOCK ERROR PROBABILITY . . . . . 0

BLOCK LOSS PROBABILITY . . . . . 0

EXTRA BLOCK PROBABILITY . . . . . 0

TRANSFER DENIAL PROBABILITY . . . . . 0

USER INFORMATION BIT TRANSFER RATE . . . . . 63058 BPS

USER FRACTION OF INPUT/OUTPUT TIME . . . . . 0.0675

REDUCTION SPECIFICATIONS

SPECIFIED BLOCK TRANSFER TIME . . . . . 9.670 SEC

SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0800

SPECIFIED USER INFORMATION BIT TRANSFER RATE FOR TRANSFER SAMPLE . . . . . 63020 BPS

SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME FOR TRANSFER SAMPLE . . . . . 0.0700

SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10<sup>(-06)</sup>

SPECIFIED BIT LOSS PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10<sup>(-08)</sup>

SPECIFIED EXTRA BIT PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10<sup>(-08)</sup>

MINIMUM NUMBER OF BIT TRANSFER ATTEMPTS IN TRANSFER SAMPLE . . . . . 320000

PERFORMANCE ASSESSMENT SUMMARY

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 PERFORMANCE DATA BATCH  
 -----  
 NTIA-ITS (Boulder) 5608  
 -----  
 SOURCE USER . . . . . NTIA - x.25 over ckt channel  
 DESTINATION USER . . . . . NASA LeRC - over ACTS  
 ORIGINATING USER . . . . . SOURCE  
 SESSION CATEGORY . . . . . CONNECTION ORIENTED  
 INITIAL DISENGAGEMENT CATEGORY . . . . . NEGOTIATED  
 MEASUREMENT START TIME . . . . . 01/17/95 14:22:15.956 LT  
 MEASUREMENT END TIME . . . . . 01/17/95 14:22:43.369 LT  
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

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 NTIA-ITS (Boulder) 5608  
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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

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 CORRELATOR SPECIFICATIONS  
 -----

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

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 NTIA-ITS (Boulder) 5608  
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USER INFORMATION TRANSFER ASSESSMENT SUMMARY  
 (CONTINUED)

-----  
 PERFORMANCE STATISTICS  
 -----

BIT TRANSFER ATTEMPTS . . . . . 1600000 (+)  
 'SUCCESSFUL BIT TRANSFER' OUTCOMES . . . . . 1600000  
 'INCORRECT BIT' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'INCORRECT BIT' OUTCOMES . . . . . 0  
 'LOST BIT' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'LOST BIT' OUTCOMES . . . . . 0  
 'EXTRA BIT' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'EXTRA BIT' OUTCOMES . . . . . 0  
 BLOCK TRANSFER ATTEMPTS . . . . . 50 (+)  
 'SUCCESSFUL BLOCK TRANSFER' OUTCOMES . . . . . 50  
 'INCORRECT BLOCK' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'INCORRECT BLOCK' OUTCOMES . . . . . 0  
 'LOST BLOCK' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'LOST BLOCK' OUTCOMES . . . . . 0  
 'EXTRA BLOCK' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'EXTRA BLOCK' OUTCOMES . . . . . 0  
 TRANSFER SAMPLES . . . . . 4 (+)  
 'TRANSFER DENIAL' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES . . . . . 0  
 INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 10.146 SEC  
 USER INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 1.667 SEC  
 OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 24.923 SEC  
 USER OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 1.686 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) 5608  
 -----

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 . . . . . 9.708 SEC  
 USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0740  
 BLOCK ERROR PROBABILITY . . . . . 0  
 BLOCK LOSS PROBABILITY . . . . . 0  
 EXTRA BLOCK PROBABILITY . . . . . 0  
 TRANSFER DENIAL PROBABILITY . . . . . 0  
 USER INFORMATION BIT TRANSFER RATE . . . . . 62914 BPS  
 USER FRACTION OF INPUT/OUTPUT TIME . . . . . 0.0676

-----  
 REDUCTION SPECIFICATIONS  
 -----

SPECIFIED BLOCK TRANSFER TIME . . . . . 9.670 SEC  
 SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0800  
 SPECIFIED USER INFORMATION BIT TRANSFER RATE  
 FOR TRANSFER SAMPLE . . . . . 63020 BPS  
 SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME  
 FOR TRANSFER SAMPLE . . . . . 0.0700  
 SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10(-06)  
 SPECIFIED BIT LOSS PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10(-08)  
 SPECIFIED EXTRA BIT PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10(-08)  
 MINIMUM NUMBER OF BIT TRANSFER ATTEMPTS  
 IN TRANSFER SAMPLE . . . . . 320000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

-----  
 NTIA-ITS (Boulder) 5611  
 -----  
 SOURCE USER . . . . . NTIA - x.25 over ckt channel  
 DESTINATION USER . . . . . NASA LeRC - over ACTS  
 ORIGINATING USER . . . . . SOURCE  
 SESSION CATEGORY . . . . . CONNECTION ORIENTED  
 INITIAL DISENGAGEMENT CATEGORY . . . . . NEGOTIATED  
 MEASUREMENT START TIME . . . . . 01/24/95 15:20:01.004 LT  
 MEASUREMENT END TIME . . . . . 01/24/95 15:20:28.492 LT  
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

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 NTIA-ITS (Boulder) 5611  
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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

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 CORRELATOR SPECIFICATIONS  
 -----

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

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 NTIA-ITS (Boulder) 5611  
 -----

USER INFORMATION TRANSFER ASSESSMENT SUMMARY  
 (CONTINUED)

-----  
 PERFORMANCE STATISTICS  
 -----

BIT TRANSFER ATTEMPTS . . . . . 1600000 (+)  
 'SUCCESSFUL BIT TRANSFER' OUTCOMES . . . . . 1600000  
 'INCORRECT BIT' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'INCORRECT BIT' OUTCOMES . . . . . 0  
 'LOST BIT' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'LOST BIT' OUTCOMES . . . . . 0  
 'EXTRA BIT' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'EXTRA BIT' OUTCOMES . . . . . 0  
 BLOCK TRANSFER ATTEMPTS . . . . . 50 (+)  
 'SUCCESSFUL BLOCK TRANSFER' OUTCOMES . . . . . 50  
 'INCORRECT BLOCK' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'INCORRECT BLOCK' OUTCOMES . . . . . 0  
 'LOST BLOCK' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'LOST BLOCK' OUTCOMES . . . . . 0  
 'EXTRA BLOCK' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'EXTRA BLOCK' OUTCOMES . . . . . 0  
 TRANSFER SAMPLES . . . . . 4 (+)  
 'TRANSFER DENIAL' OUTCOMES . . . . . 0  
 PAIRS OF SUCCESSIVE 'TRANSFER DENIAL' OUTCOMES . . . . . 0  
 INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 10.224 SEC  
 USER INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 1.723 SEC  
 OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 24.867 SEC  
 USER OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 1.670 SEC  
 BIT TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE . . . . . 1568000  
 'SUCCESSFUL BIT TRANSFER' OUTCOMES IN THROUGHPUT SAMPLE . . . . . 1568000  
 BLOCK TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE . . . . . 49

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

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 NTIA-ITS (Boulder) 5611  
 -----

USER INFORMATION TRANSFER ASSESSMENT SUMMARY  
 (CONTINUED)

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 MEASURED PERFORMANCE PARAMETER VALUES  
 -----

BIT ERROR PROBABILITY . . . . . 0  
 BIT LOSS PROBABILITY . . . . . 0  
 EXTRA BIT PROBABILITY . . . . . 0  
 BLOCK TRANSFER TIME . . . . . 9.633 SEC  
 USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0747  
 BLOCK ERROR PROBABILITY . . . . . 0  
 BLOCK LOSS PROBABILITY . . . . . 0  
 EXTRA BLOCK PROBABILITY . . . . . 0  
 TRANSFER DENIAL PROBABILITY . . . . . 0  
 USER INFORMATION BIT TRANSFER RATE . . . . . 63055 BPS  
 USER FRACTION OF INPUT/OUTPUT TIME . . . . . 0.0693

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 REDUCTION SPECIFICATIONS  
 -----

SPECIFIED BLOCK TRANSFER TIME . . . . . 9.670 SEC  
 SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0800  
 SPECIFIED USER INFORMATION BIT TRANSFER RATE  
 FOR TRANSFER SAMPLE . . . . . 63020 BPS  
 SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME  
 FOR TRANSFER SAMPLE . . . . . 0.0700  
 SPECIFIED BIT ERROR PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10(-06)  
 SPECIFIED BIT LOSS PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10(-08)  
 SPECIFIED EXTRA BIT PROBABILITY FOR TRANSFER SAMPLE . . . . . 1.0 X 10(-08)  
 MINIMUM NUMBER OF BIT TRANSFER ATTEMPTS  
 IN TRANSFER SAMPLE . . . . . 320000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

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 NTIA-ITS (Boulder) 5612  
 -----

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

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

MEASUREMENT START TIME . . . . . 01/24/95 15:21:44.003 LT  
 MEASUREMENT END TIME . . . . . 01/24/95 15:22:11.332 LT  
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

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 NTIA-ITS (Boulder) 5612  
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USER INFORMATION TRANSFER ASSESSMENT SUMMARY

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 CORRELATION SUMMARY

CORRELATOR OUTPUT BLOCKS . . . . . 50

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

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

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

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

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

-----  
 CORRELATOR SPECIFICATIONS

USER INFORMATION WINDOW SIZE . . . . . 16 BITS

MAXIMUM DATA SHIFT EXECUTED IN BIT ERROR  
 IDENTIFICATION ALGORITHM . . . . . 64000 BITS

MAXIMUM DATA SHIFT EXECUTED IN UNDELIVERED BIT  
 IDENTIFICATION ALGORITHM . . . . . 96000 BITS

MAXIMUM DATA SHIFT EXECUTED IN EXTRA BIT  
 IDENTIFICATION ALGORITHM . . . . . 96000 BITS

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 NTIA-ITS (Boulder) 5612  
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USER INFORMATION TRANSFER ASSESSMENT SUMMARY  
 (CONTINUED)

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 PERFORMANCE STATISTICS

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

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

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

INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 10.208 SEC  
 USER INPUT TIME FOR THROUGHPUT SAMPLE . . . . . 1.683 SEC  
 OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 24.896 SEC  
 USER OUTPUT TIME FOR THROUGHPUT SAMPLE . . . . . 1.669 SEC  
 BIT TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE . . . . . 1568000  
 'SUCCESSFUL BIT TRANSFER' OUTCOMES IN THROUGHPUT SAMPLE . . . . . 1568000  
 BLOCK TRANSFER ATTEMPTS IN THROUGHPUT SAMPLE . . . . . 49

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

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 NTIA-ITS (Boulder) 5612  
 -----

USER INFORMATION TRANSFER ASSESSMENT SUMMARY  
 (CONTINUED)

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 MEASURED PERFORMANCE PARAMETER VALUES

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

BLOCK TRANSFER TIME . . . . . 9.665 SEC  
 USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0730

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

TRANSFER DENIAL PROBABILITY . . . . . 0

USER INFORMATION BIT TRANSFER RATE . . . . . 62982 BPS  
 USER FRACTION OF INPUT/OUTPUT TIME . . . . . 0.0676

-----  
 REDUCTION SPECIFICATIONS

SPECIFIED BLOCK TRANSFER TIME . . . . . 9.670 SEC  
 SPECIFIED USER FRACTION OF BLOCK TRANSFER TIME . . . . . 0.0800

SPECIFIED USER INFORMATION BIT TRANSFER RATE  
 FOR TRANSFER SAMPLE . . . . . 63020 BPS  
 SPECIFIED USER FRACTION OF INPUT/OUTPUT TIME  
 FOR TRANSFER SAMPLE . . . . . 0.0700

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

MINIMUM NUMBER OF BIT TRANSFER ATTEMPTS  
 IN TRANSFER SAMPLE . . . . . 320000

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

-----  
 NTIA-ITS (Boulder) 5604  
 -----  
 SOURCE USER . . . . . NTIA - x.25 over ckt channel  
 DESTINATION USER . . . . . NASA LeRC - over ACTS  
 ORIGINATING USER . . . . . SOURCE  
 SESSION CATEGORY . . . . . CONNECTION ORIENTED  
 INITIAL DISENGAGEMENT CATEGORY . . . . . NEGOTIATED  
 MEASUREMENT START TIME . . . . . 01/05/95 15:00:10.006 LT  
 MEASUREMENT END TIME . . . . . 01/05/95 15:19:43.597 LT  
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

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 NTIA-ITS (Boulder) 5604  
 -----

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 . . . . . 0.844 SEC  
 USER FRACTION OF ACCESS TIME . . . . . 0.4662  
 INCORRECT ACCESS PROBABILITY . . . . . 0  
 ACCESS DENIAL PROBABILITY . . . . . 0  
 ACCESS OUTAGE PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS

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

-----  
 NTIA-ITS (Boulder) 5604  
 -----

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 . . . . . 0.862 SEC  
 USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0347  
 DISENGAGEMENT DENIAL PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS

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

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 NTIA-ITS (Boulder) 5604  
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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 . . . . . 0.8004  
 DISENGAGEMENT DENIAL PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS

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

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

-----  
 NTIA-ITS (Boulder) 5605  
 -----

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

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

MEASUREMENT START TIME . . . . . 01/05/95 15:34:37.002 LT  
 MEASUREMENT END TIME . . . . . 01/05/95 15:54:13.871 LT  
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

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 NTIA-ITS (Boulder) 5605  
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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 . . . . . 0.877 SEC  
 USER FRACTION OF ACCESS TIME . . . . . 0.4858

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

REDUCTION SPECIFICATIONS

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

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 NTIA-ITS (Boulder) 5605  
 -----

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 . . . . . 0.861 SEC  
 USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0349

DISENGAGEMENT DENIAL PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME . . . . . 0.860 SEC  
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0500

SPECIFIED ACCESS TIME . . . . . 0.850 SEC

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 NTIA-ITS (Boulder) 5605  
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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 . . . . . 0.8021

DISENGAGEMENT DENIAL PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS

SPECIFIED DISENGAGEMENT TIME . . . . . 1.180 SEC  
 SPECIFIED USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.8000

SPECIFIED ACCESS TIME . . . . . 0.850 SEC

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

NTIA-ITS (Boulder) 5609

SOURCE USER . . . . . NTIA - x.25 over ckt channel  
 DESTINATION USER . . . . . NASA LeRC - over ACTS  
 ORIGINATING USER . . . . . SOURCE  
 SESSION CATEGORY . . . . . CONNECTION ORIENTED  
 INITIAL DISENGAGEMENT CATEGORY . . . . . NEGOTIATED  
 MEASUREMENT START TIME . . . . . 01/17/95 14:36:53.987 LT  
 MEASUREMENT END TIME . . . . . 01/17/95 14:56:31.402 LT  
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

NTIA-ITS (Boulder) 5609

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 . . . . . 0.884 SEC  
 USER FRACTION OF ACCESS TIME . . . . . 0.4709  
 INCORRECT ACCESS PROBABILITY . . . . . 0  
 ACCESS DENIAL PROBABILITY . . . . . 0  
 ACCESS OUTAGE PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS

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

NTIA-ITS (Boulder) 5609

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 . . . . . 0.863 SEC  
 USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0359  
 DISENGAGEMENT DENIAL PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS

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

NTIA-ITS (Boulder) 5609

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 . . . . . 0.8019  
 DISENGAGEMENT DENIAL PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS

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

PERFORMANCE ASSESSMENT SUMMARY

PERFORMANCE DATA BATCH

-----  
 NTIA-ITS (Boulder) 5610  
 -----  
 SOURCE USER . . . . . NTIA - x.25 over ckt channel  
 DESTINATION USER . . . . . NASA LeRC - over ACTS  
 ORIGINATING USER . . . . . SOURCE  
 SESSION CATEGORY . . . . . CONNECTION ORIENTED  
 INITIAL DISENGAGEMENT CATEGORY . . . . . NEGOTIATED  
 MEASUREMENT START TIME . . . . . 01/17/95 15:00:42.001 LT  
 MEASUREMENT END TIME . . . . . 01/17/95 15:20:14.251 LT  
 (LT - LOCAL TIME-OF-DAY AT ORIGINATING USER SITE)

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 NTIA-ITS (Boulder) 5610  
 -----

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 . . . . . 0.830 SEC  
 USER FRACTION OF ACCESS TIME . . . . . 0.4778  
 INCORRECT ACCESS PROBABILITY . . . . . 0  
 ACCESS DENIAL PROBABILITY . . . . . 0  
 ACCESS OUTAGE PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS

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

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 NTIA-ITS (Boulder) 5610  
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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 . . . . . 0.865 SEC  
 USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.0357  
 DISENGAGEMENT DENIAL PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS

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

-----  
 NTIA-ITS (Boulder) 5610  
 -----

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 . . . . . 1.181 SEC  
 USER FRACTION OF DISENGAGEMENT TIME . . . . . 0.8007  
 DISENGAGEMENT DENIAL PROBABILITY . . . . . 0

REDUCTION SPECIFICATIONS

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