AMERICAN TELECOMMUNICATIONS CORPORATION MODELS 104 AND 204 TonePulse* CONVERTER ACCEPTANCE TESTS STEP-BY-STEP SYSTEMS

1. GENERAL

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- 1.01 This appendix provides acceptance test procedures for the American Telcommunications Corporation TonePulse Converters Model 104 and 204 used in Step-by-Step (SXS) Systems.
- 1.02 (Reserved for future use)
- 1.03 Until a suitable test set is made available for testing in SXS, a Communication Manufacturing Company (CMC) Trub-L-Shooter† handset can be used for testing the converters. To obtain this handset, use a Form CE-1005 (Request for Individual Use of Non-Standard Item).

Note: This is an interim arrangement only and in no way does it imply standardization of the CMC Trub-L-Shooter handset.

2. ACCEPTANCE TESTS

- 2.01 The following tests are to be done for acceptance tests only. All other tests will be the normal line and sender routine tests.
- 2.02 Acceptance tests covered in this appendix are:
 - A. Rotary Dial Pulse Verifies that the ATC converter equipment passes pulses from a rotary dial telephone.
 - B. "Touch-Tone®" Verifies capability of the ATC converter equipment to receive, store, and outpulse Touch-Tone signals.
- 2.03 Apparatus required -
 - 1 CMC Trub-L-Shooter Handset Line under test

^{*}TonePulse - Registered trademark of American Telecommunications Corporation †Trub-L-Shooter - Registered trademark of Communication Manufacturing Company

STEP	ACTION	VERIFICATION
A. Rota	ry Dial Pulse	
1	Operate MAKE-BUSY key. Connect handset.	
- 2	Operate handset switch to TALK.	Hear dial tone.
3	Dial appropriate test number.	Hear test number respond. Validity of rotary dial verified.
4	Operate handset switch to MONITOR.	Audible transmission off.
5	Remove handset and make-busy plug.	
B. Touc	h-Tone	
1	Operate MAKE-BUSY key. Connect handset.	
2	Tone pulse any test number.	Verify number is reached and transmission path exists.
3	Depress any button.	No outpulsing should occur.
4	Operate handset switch to MONITOR.	Transmission stop.
5	Operate handset switch to TALK.	Hear dial tone.
6	Pulse any test number, waiting approximately 1- to 2-seconds between pulses.	Verify number.
		Note: No outpulsing should occur between pulses.
7	Operate handset switch to MONITOR.	Transmission stops.
8	Operate handset switch to TALK.	Hear dial tone.
9	Pulse any digit, wait 20 seconds, attempt to pulse additional digit.	No outpulsing should occur.
		Note: If option A on the converter is programmed ON, the converter will continue to outpulse each time the button is depressed and released.