

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

1. GENERAL

1.01 This appendix provides acceptance test procedures for the American Telecommunications 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

NOTICE

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SECTION 227-625-901PT
APPENDIX 1

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