AUXILIARY LINE CIRCUIT SD-35002-01

HOTEL-MOTEL SERVICE

OPERATION TESTS

STEP-BY-STEP SYSTEMS

1. GENERAL

1.01 This section describes a method of testing the operating features of auxiliary line circuit SD-35002-01, which provides a recorded announcement to the toll operator identifying the hotel or motel.

1.02 This test checks

(a) That the toll operator hears recorded announcement while calling party hears ringing tone

(b) Quality of recorded announcement

(c) Cut-through to calling subscriber

(d) Supervision.

This section affects the Equipment Test List.

1.03 When conducting these tests, the associated trunks at the PBX should be made busy to outgoing traffic in the approved manner. When the tests are completed, the associated trunks should be restored to service.

1.04 Care should be used when seizing a trunk to check that it is not in operation as indicated by operated relays.

1.05 *Lettered Steps:* A letter a, b, c, etc, added to a step number in Part 3 or 4 of this section, indicates an action which may or may not be required, depending on local conditions. The condition under which a lettered step or a series of lettered steps should be made is given in the ACTION column, and all steps governed by the same condition are designated by the same letter within a test. Where a condition does not apply, all steps designated by that letter should be omitted.

2. APPARATUS

2.01 1014A hand test set or equivalent, equipped with a 2W38A cord. A 2W38A cord consists of a W2CK cord with a 471A jack on one end and a 310 plug on the other end.

2.02 Test receiver, 716C receiver, equipped with a 2W4A cord. A 2W4A cord consists of an R2CF cord 6 feet long with a 310 plug on one end and two 130 cord tips on the other end.

2.03 Testing cord, 893 cord, 6 feet long, equipped with two 360A tools and one KS-6278 connecting clip.

2.04 651D tool.

2.05 639A tool.

3. PREPARATION

STEP	ACTION	VERIFICATION
1	Operate 1014A handset switch to MON.	
2	Connect 1014A handset to A test jack.	
3	Connect 716C test receiver to B test jack.	

STEP	ACTION	VERIFICATION
4a	If testing ground start trunks— Replace cover of CT relay with 651D tool.	
5a	Insert 639A tool into 651D tool to make contact with contact 9F of CT relay.	
6a	Using KS-6278 connecting clip, connect 893 cord to ground.	

4. METHOD

STEP	ACTION	VERIFICATION
7a	If testing ground start trunks— Operate 1014A handset switch to TALK.	
8a	Using 893 cord, momentarily connect ground to 9F of CT relay.	A, B, CO, CT relays operate. Toll operator signaled. Ringing tone heard in 1014A handset. *Note:* If operator answers in less than four seconds, ringing tone may not be heard.
9b	If testing loop start trunks— Operate 1014A handset switch to TALK.	A, B, CO, CT relays operate. Toll operator signaled. Ringing tone heard in 1014A handset. *Note:* If operator answers in less than four seconds, ringing tone may not be heard.
10	At toll switchboard— Operator connects to trunk.	At auxiliary line circuit— CT relay released. Ringing tone still heard in 1014A handset. Recorded announcement heard by operator and in test receiver.
11	In approximately four seconds— Announcement is completed.	CT relay operated. Operator cut-through to 1014A handset.
12	Advise operator that this is a test call.	
13	Verify that announcement heard by operator was complete, clear, and had sufficient volume. *Note:* Operator may verify announcement by momentarily disconnecting. When plug is reinserted in trunk, announcement will be repeated.	
14	Rapidly restore and reoperate switch on 1014A handset several times.	At toll switchboard— Supervisory lamp flashes.
15	Request operator to disconnect when supervisory lamp lights steadily.	

STEP	ACTION	VERIFICATION
16	Remove plug of 1014A handset from A jack.	Toll operator disconnects.
17	Remove plug of test receiver from B jack.	
18a	If testing ground start trunks— Replace 651D tool with cover of CT relay.	
19	Repeat Steps 1 through 18a for other auxiliary line circuits to be tested.	
20c	If no further tests are to be made— Disconnect 893 cord from ground; restore trunks to service.	