AUXILIARY COIN LINES
POSTPAYMENT TYPE
OPERATION TEST
STEP-BY-STEP SYSTEMS

1. GENERAL

1.01 This section describes a method of testing auxiliary coin lines which operate on a postpayment basis in Nos. 355A and 356A community dial offices.

1.02 This section is reissued to delete testing information for postpayment coin trunks which are now covered in a separate section. Arrows ordinarily used to indicate changes have been omitted.

1.03 Local instructions should be followed with reference to recording any register operations caused by performing these tests.

2. APPARATUS

2.01 Testing cords - Two No. 893 cords, six feet long, each equipped with two No. 360A tools (1W13B cord), and two No. 365 tools. (For connecting the test circuit to the line under test.)

2.02 Test receiver - No. 716E or No. 528 receiver attached to a W2AB cord equipped with two No. 360A tools (2W21A cord), one KS-6278 tool and one No. 411A tool.

2.03 One of the following:

(a) Test circuit as shown in Figure 1, connected to either Figure 2 or Figure 3 depending on whether five cent coin or ten cent coin is applicable. With this arrangement, it is assumed that the coin collector and associated subset are used as an office telephone. The TEST key should be left in the normal position except when used for testing by means of the office telephone.

(b) A portable telephone equipped with a No. 163 or a No. 193 type, or equivalent, coin collector depending on whether five cent coin or ten cent coin is applicable in the local area. Connect the portable telephone to terminal Nos. 2 and 5 of the LOOP key of Figure 1 to permit use of the leak and loop resistances for making the tests.

3. PREPARATION

3.01 When using the test circuit as shown in Figures 1, and 2 or 3, connect the T and R terminals at the distributing frame to the terminals of the line to be tested. Then operate the TEST key.

3.02 When using a portable coin telephone establish the T and R connections as described in 3.01 except that the TEST key should be left in the nonoperated position.

4. METHOD

4.01 This test checks for the presence of answer tone and that the talking circuit is completed after coin deposit. It also checks that an operator receives the proper class of service tone.

4.02 Using the telephone of Fig. 2 or 3 (or a portable telephone), dial the number of the telephone in the local office. When the bell rings, connect the test receiver across the tip and ring of the line at the connecting block associated with the TEST key (or if using the portable telephone, lift the receiver of the office telephone). Note that the answer tone is heard in the receiver at the calling end.

4.03 Deposit a coin. Note that the answer tone is removed. Open and close the loop by means of making and breaking the test receiver connection (or by means of the office telephone receiver). Note that the interruptions are heard. Disconnect the test receiver or restore the office telephone receiver.

Note 1: If the tone is not removed when the coin is deposited open the subscriber's line at the frame and repeat the test. This will remove the leak condition of the line which may prevent the proper test action. If the coin line passes the test under this condition it can be considered satisfactory. Proceed as in 4.04 to 4.07 inclusive and then reestablish the subscriber's service.

STEP	ACTION	VERIFICATION
6b	If trunk is arranged for dial tone after coin deposit— Operate DL ST, CBT LP keys.	No dial tone heard.
7b	Operate CN key.	Dial tone heard.
8	Dial operator code.	Operator answers. Dial tone removed. REV lamp lighted. CR lamp momentarily lighted.
9c	If trunk is arranged for dial tone first, prepay coin service— Operate RCK key.	
10	Request operator to establish the necessary connections and apply coin return current.	CR lamp flashes at 1/2 second intervals and operator hears high tone. REV lamp is extinguished when CR lamp is lighted. ***Note:*** If testing trunks requiring operation of RCK key and coin potential is present on the ring side of the line the CR and CC lamps will flash alternately.
11	Restore CN key.	CR lamp extinguished.
12	Request operator to establish the necessary connections and apply coin collect current.	
13	Operate CN key.	CC lamp flashes at 1/2 second intervals and operator hears low tone. REV lamp may flash. ***Note:*** If testing trunks requiring operation of RCK key and coin potential is present on the ring side of the line the CR and CC lamps will flash alternately.
14	Restore CN key.	CC lamp extinguished.
15	Operate FL key.	Operator disconnects. REV lamp extinguished.
16	When testing is completed— Disconnect testing cords, restore keys.	