

APPLICATION OF COMMON MODE OPERATION
TO CENTRAL OFFICE EQUIPMENT

Purpose: The purpose of this addendum is to supplement the suggested wording in Exhibit 1 in order to establish a stability test for voice frequency repeaters. The supplier of the central office equipment with CMO must conduct and pass this test in order to guarantee the stability of the repeaters without connecting the switchboard to the outside plant. This procedure reduces the time required for testing.

Additions: Add FIGURE 5.

Add to Exhibit 1.

3. OPERATIONAL REPEATER STABILITY TEST

3.1 The central office equipment groups which incorporate common mode operation with voice frequency repeaters shall pass the following test as shown in FIGURE 5 of REA TE & CM-331, "Application of Common Mode Operation to Central Office Equipment," in order to be acceptable:

3.11 A call from an artificial line consisting of a 500 type telephone instrument, two sections of FIGURE 5C and five sections of FIGURE 5B to the CMO line equipment, and dialing a CMO connector terminal. The CMO connector terminal will look into an identical artificial line of five sections of FIGURE 5B plus two sections of FIGURE 5C to a 500 type telephone set.

3.12 On all calls made in this manner with voice frequency repeaters in the linefinder and connector there is to be no singing of repeaters at any point in the progress of the call from origination through conversation and complete release of both parties.

3.2 The above test is in addition to other tests required in REA Bulletin 384-2, "Closeout Documents for Central Office Equipment Contracts," REA Bulletin 383-2, "Pretesting Inspections and Acceptance Tests - Outside Plant," and REA Form 397a, "Specification for Voice Frequency Repeaters and Voice Frequency Repeated Trunks."