

### CODE 100 — NOISE AND BALANCE TEST TERMINATION

Code 100 provides a connection to a test line termination at the terminals of intermediate (inter-toll) trunks for use with trunk maintenance.

The circuit features of this test line termination are:

- (1) Returns OFF-HOOK supervision to the calling end as long as the trunk is held by the calling end.
- (2) Provides a PAD CONTROL feature at offices having pad control arrangements. Tests are normally made in the PAD OUT condition.
- (3) Provides a 600- or 900-ohm impedance termination. This impedance simulates the impedance at 1000 cycles presented by the intertoll trunk at the point at which the termination is connected.

Detailed testing procedures which require the use of code 100 test line terminations are beyond the scope of this section. These procedures are contained in other Bell System Practices for the following tests:

- (1) Terminal and office cabling balance tests.
- (2) Return loss measurements and adjustments.
- (3) Singing point tests.
- (4) Noise and crosstalk tests.
- (5) Repeater gain adjustments.

Schematic drawings covering the above test line termination are listed below:

#### SWITCHING OFFICE

NO. 4 CROSSBAR	NO. 5 CROSSBAR	CROSSBAR TANDEM	STEP-BY-STEP
SD-68432-01	SD-98100-01 SD-25906-01 (MD)	SD-98100-01 SD-96000-01 (MD)	SD-98100-01 SD-96000-01 (MD)

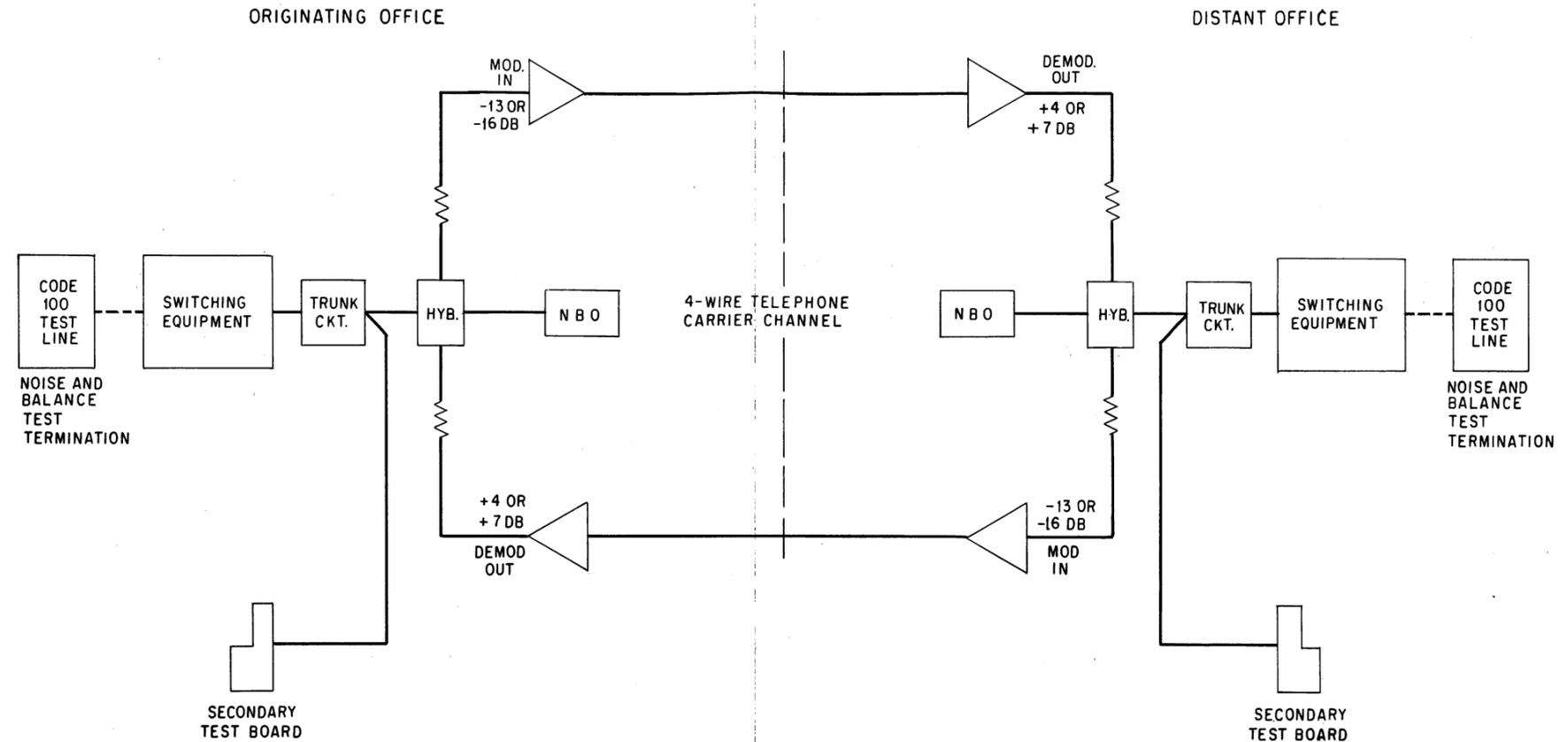


Fig. 1 — Code 100 — Noise and Balance Test Termination Showing Arrangement in 2-Wire Toll Switching Offices