

TWO MOTION TYPE REVERTING CALL SWITCHES
PULSING TEST

1. GENERAL

1.01 This Practice presents the procedure for performing a pulsing test on two motion type reverting call switches.

1.02 The test is known as a Pulsing Test.

1.03 The test is performed on circuits 18856, H-41316-A, H-51086-A and similar.

Orientation

1.04 Before performing the test, determine that the pulsing test set is functioning properly.

2. TEST APPARATUS

2.01 The following listed test equipment is necessary to perform the required tests in this Practice:

- (a) W.E.Co., J-34717-A Pulsing Test Set
- (b) W.E.Co., 36-B Test Set (Remote Control)
- (c) W.E.Co., 3P2A Cord Assembly or similar
- (d) W.E.Co., 2W12A Cord Assembly or similar
- (e) A.E.Co., D-15455 Busy Clip

3. TEST A - PULSING TEST

Preparation for Test A

3.01 Connect the pulsing test set to a battery and ground source. Connect from the jack marked BAT G to the battery and ground source. Use the 2W12A cord assembly. Connect the white lead clip to the load side of a negative battery fuse. Connect the red lead clip to a positive battery (ground) bus. When a battery and ground test block is provided, connect to it.

WARNING: When completing the connection, connect the supply end last. When removing the connection, remove the supply end first. Do not obtain ground from a frame assembly.

3.02 Connect the 36-B test set to the pulsing test set. Insert the 289-A plug on the 36-B test set into the jacks marked A and B.

3.03 Operate the keys to the 800 and 400 positions. Also, operate key to the LK A position.

3.04 Connect the pulsing test set to the reverting call switch. Connect from the jack marked SW to the reverting call switch test jacks. Use the 3P2A cord assembly.

Method for Test A

3.05 Operate the LP button on the 36-B test set. Hold it operated long enough to send two series of pulses.

3.06 Check that the shaft steps nine steps vertically and nine steps rotary.

3.07 Remove the 3P2A cord assembly 240-A plug from the reverting call switch test jacks. Momentarily insert the busy clip into the reverting call switch line test jacks. The reverting call switch should release.

Leak Test

3.08 Insert the 3P2A cord assembly 240-A plug into the reverting call switch test jacks.

3.09 Operate the LK button on the 36-B test set. Hold it operated long enough to send two series of pulses.

3.10 Check that the shaft steps nine steps vertically and nine steps rotary.

3.11 Remove the 3P2A cord assembly 240-A plug from the reverting call switch test jacks. Momentarily insert the busy clip into the reverting call switch line test jacks. The reverting call switch should release.

3.12 After all testing is completed, remove all connections.