

## METHOD OF TAKING DECODER EQUIPMENT OUT OF SERVICE PANEL OFFICES

### 1. GENERAL

- 1.01 This section covers the method to be followed in taking decoders and the associated equipment out of service.
- 1.02 Because of the importance of the equipment and the possibility of causing serious interruptions to service, extreme care should be exercised in removing the various units of the decoder equipment from service. Sufficient equipment should be left available at all times to handle the originating traffic and any equipment which is made busy should be restored to service as soon as possible.

### 2. APPARATUS

- 2.01 No. 184 (Make-busy) Plugs, as required.

### 3. METHOD

#### (a) Decoder

- 3.01 To make a decoder busy to all decoder connectors, insert a No. 184 plug into the associated DB jack at the trouble indicator frame.
- 3.02 Before restoring a decoder to service which has been made busy because of a trouble or on account of some work to be performed, make an "All Codes Test" as described in the section on decoder tests.

#### (b) Decoder Connector Path to a Particular Decoder

- 3.03 To make a decoder busy to a particular decoder connector, insert a No. 184 plug into the proper CB jack at the trouble indicator frame. One CB jack is provided per decoder per decoder connector.

#### (c) Decoder Connector

- 3.04 To take a decoder connector out of service, make the associated sender frame busy by

inserting a No. 184 plug into the proper frame busy jack at the sender make-busy panel. Then check that all senders on the frame have restored to normal.

#### (d) Decoder Connector Frame

- 3.05 To make a decoder connector frame busy, it is necessary to make all the decoder connectors of the frame busy as outlined in paragraph 3.04.

#### (e) Sender Circuit

- 3.06 An individual sender may be made busy by inserting a No. 184 plug into the associated make-busy jack at the sender make-busy panel.

#### (f) Sender Frame

- 3.07 To make a sender frame busy, place a No. 184 plug in the associated FB jack located at the sender make-busy panel. Then check that all senders on the frame have restored to normal.

#### (g) Decoder Test Frame

- 3.08 To take a decoder test frame out of service, stop the motor. As the decoder test frame contains interrupters and other apparatus essential to certain features of the decoders, it should not be removed from service except during periods of light traffic. While the test frame is out of service, precautions should be taken to bring to attention, as quickly as possible, any abnormal conditions which might develop in the decoders or decoder connectors in order that serious traffic delays may be avoided.

### 4. REPORTS

- 4.01 Any required record of the equipment removed from service should be entered on the proper form.