

MASTER TIMING CIRCUIT

NO. 5 CROSSBAR OFFICES

ARRANGED FOR AMA

1. GENERAL

1.001 This addendum supplements Section A274.751, Issue 2.

1.002 This addendum is issued to revise the check in Test (B) for a splice record occurring during the last twelve seconds of any hour and to delete certain trouble recorder card perforations from Tests (B) and (E).

3. METHOD

The following changes apply to Part 3 of the section.

- (a) 3.46, 3.73 to 3.85 inclusive, 3.103, and 3.135 - revised

(B) End of Tape Features

Recorder Transfer

3.46 At the trouble recorder, observe that a card has been punched recording the number 081010, representing the splice pattern number. Also observe that the TMG, DR-, RG-RST-, TV, B, RT, Pl, RD, ASP, SY, and SPA (splice pattern applied) indications are punched and if XA wiring option is provided, that the P indication is punched.

Splice Record During Last Twelve Seconds of Any Hour

3.73 Where master timing circuits are arranged to prevent start of make busy, transfer or window splice patterns during the last twelve seconds of any hour proceed as follows:

(a) When testing the even master timing circuit, operate the TT key to its 0 position and operate the CMBE key.

(b) When testing the odd master timing circuit, operate the TT key to its E position and operate the CMBO key.

3.74 Block nonoperated the PE relay when working on the even master timing circuit or, block nonoperated the PO relay when working on the odd master timing circuit.

3.75 Block nonoperated the HRT relay.

3.76 Operate and release the UH relay successively to step the U selector to position 9. Operate and release the TH relay successively to step the T selector to position 10. Operate and release the HH relay successively to step the H selector to position 6 and then observe that the SR relay and the PRE or PRO relay are operated.

Note: When testing even master timing circuits, the PRE relay will operate when the SR relay operates. When testing odd master timing circuits, the PRO relay will operate when the SR relay operates.

3.77 Operate and release the HH relay successively to step the H selector to position 13 and observe that the SR relay and the PRE or PRO relay are operated.

3.78 Operate and release the HH relay successively to step the H selector to position 20 and observe that the SR relay and PRE or PRO relay are operated.

3.79 Operate and release the TH relay successively to step the T selector to position 20 and observe that the SR relay and PRE or PRO relay are operated.

3.80 Block nonoperated the TH relay and then operate and release the UH relay successively to step the U selector to position 10. Observe that the SR relay and the PRE or PRO relay are operated.

3.81 Operate and release the UH relay successively to step the U selector to position 19 and observe that the SR relay and the PRE or PRO relay are operated.

3.82 Operate and release the UH relay to step the U selector to position 20 and observe that the SR relay and the PRE or PRO relay are operated.

3.83 Remove the blocking tool from the HRT relay and observe that this relay is operated.

3.84 Remove the blocking tools from the PE or PO relay and the TH relay.

3.85 Resynchronize the selectors of the master timing circuit under test as follows:

(a) Operate the CKL key.

(b) Momentarily operate the S key. The SO lamp will be lighted while the even selectors are stepping to synchronized positions or the SE lamp will be lighted while the odd selectors are stepping to synchronized positions.

(c) When the SO or SE lamp is extinguished, the selectors are synchronized; then restore the operated CMBE or CMBO key and the CKL key.

Local Control After Time Out

3.103 At the trouble recorder, observe that a card has been punched with the TMG, DR-, RG-RST-, TV, E, RT, P, DA, PT, PAK, RD, BSP, and SY indications.

(E) Selector Position, Check Lamps and Trouble Recorder Card Time Record

M Selector

3.135 At the trouble recorder, observe that a card has been punched with the number 283X01 recorded in the A' to F' line. The X refers to the day of round or day units and may be disregarded at this time. Also observe that the TMG, DR-, and RG-RST- indications are punched. However, the following punches on the card are not pertinent to this test: TV, D, RT, PT, PAK, Pl, RD, BSP, DA, HR, SY, RN, MO, and, if XA wiring option is used, the P punch.