INSTRUCTIONS FOR FITTING SECONDS CONTACTS

TO A C7 MASTER CLOCK ON SITE.

(1)   Stop the clock.

(2)   Disconnect the battery.

(3)   Remove the pendulum.

(4)   Disconnect the wires on movement casting.

(5)   Disconnect wire to capacitor at top of case.

(6)   Remove repeater cord.

(7)   Remove the three screws which secure the movement and
take the movement out of the case.

(8)   Drill and tap two 5BA holes in the bottom edge of
the movement casting, these being at 1 inch centres
and positioned so that the edge of the contact bracket
lines up with the side of the casting.

(9)   Fix the bracket and position the contacts so that the
springs are parallel with the bottom.edge of the casting.
Ensure that the tufnol pip is in line with the centre
of the pendulum crutch when this is positioned centrally.

(10) Place the Agate roller and bracket on the pendulum
crutch and mark the position of the two fixings on
the crutch through the centre of the slots in the
bracket.

(11) Remove the pendulum crutch by taking off the top
bearing plate.

(12) Drill and tap two holes 8BA and fix the Agate
    roller bracket.

(13) Replace the pendulum crutch.

(14) Set the contact springs to the details given on
    Drawing D.11158.

(15) Thread in the wire behind the movement casting and
    connect to the capacitor at the top of the case
    prior to replacing the movement in the case.

(16) Refix the movement, using the same screws and holes.

(17) Fix the sliding resistor on the opposite side of the
    case to the existing resistor.

(18) Fix the switch adjacent to the resistor.

(19) Fix the 2μF capacitor and 3 ohm coil in a convenient
    position (behind the pendulum).

(20) Fix the 2-way terminal block adjacent to the existing
    terminal block.

(21) Wire up as shown on Drawing D.11158.

(22) Fit additional weight on the end of gravity lever.

(23) Check the settings of the mechanism in accordance
    with the details given on Pages 10 and 11 of Publication
    246J.

(24) Connect the seconds indicating slave clocks into the
    system and set to work as described on Pages 7 and 8
    of Publication 246J.