

MASTER AND SLAVE CLOCK SYSTEMS

MAINTENANCE

1. CANCELLATIONS. POWER Bldg Svs H 5210
2. GENERAL.
 - 2.1 The responsibility for maintaining master and slave clock systems rests with maintenance staff as follows:
 - (1) In Telephone Exchanges:
 - (a) systems with up to 12 slave clocks: Telephone Exchange technicians
 - (b) systems exceeding 12 slave clocks:
Master clocks - Telephone Exchange technicians
Sub-transmitting units, slave clocks and slave clock wiring
- Workshops Electrical staff or Telephone Exchange technicians as directed by the Engineer.
 - (2) In P.O. Buildings other than Telephone Exchanges: Workshops Electrical staff
3. MAINTENANCE.
 - 3.1 Master Clocks. See TELES Auto B 5017, 5051, 5210, 5220 and 5517.
 - 3.2 Slave Clocks. Clean and lubricate at 5-yearly intervals.
 - 3.2.1 Before lubrication remove all dirt and dirty oil.
 - 3.2.2 Apply one drop of oil, S.L. No. KA43, to each pivot, post or pin of the slave clock.
 - 3.2.3 Do not apply oil to ratchet wheel, driving ends of the pawl and the brass pin forming the forward stop of the driving pawl.
 - 3.2.4 Following lubrication, check all slave clocks for satisfactory operation before the system is recommissioned. Connect a 1.5 volt cell to the clock which should operate satisfactorily as contact is made and broken. If there is any doubt about the operation of a particular clock, check that it operates satisfactorily between the test current limits laid down in BLDG SVS Time D 3210.
 - 3.3 Sub-Transmitting Units. Clean and check for satisfactory operation at 5-yearly intervals.
 - 3.3.1 Units installed in other than P.O. occupied premises are not covered by this instruction.
4. REFERENCES. BLDG SVS Time D 3210
TELES Auto B 5017, B 5051, B 5210, B 5220, B 5517
END

N.Z. POST OFFICE
Engineering Instructions
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72

BUILDING SERVICES
Time
D 5210

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After para. 3.3.1 insert new para. 3.4 as follows:

"3.4 Electronic Master Units. Maintenance of these units is to be as directed by the manufacturer or fault maintenance only. In general no routine maintenance is required".

6.8.84
(ES)

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Page 0.1
Issue 1