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REMOTE CONTROL OF FIREMEN'S CALL-OUT SYSTEMS
General Description

[NOTE:- As this Instruction has been completely revised, individual paragraphs have not been 'starred']

1. Scope of Instruction. This Instruction describes the systems which are in use for the remote control of fire call-bells and sirens, and indicates the circumstances in which they should be provided.

2. The provision of call-bell systems is covered in B 3001 and LINES, General, A 6391. A glossary of terms used is given in B 0003.

3. Types of systems. The systems provided by the P.O. on rental terms for the Fire Service are as follows:-

System A - for the remote control of a siren without firemen's call-bells. This system is used over a private circuit between the call-out point and siren point if the radial distance does not exceed 1 mile. There are no speech facilities over the private circuit. Details of this system are given in B 3018.

System B - for the remote control of firemen's call-bells or siren or both. This system is used over a private circuit between the call-out point and ring-out point if the radial distance does not exceed 1 mile. There are no speech facilities over the private circuit. Details of this system are given in B 3018. For new work this system is superseded by System K.

System B (Modified) - for the remote control of firemen's call-bells or siren or both. This system is used over a private circuit between the call-out point and ring-out point if the radial distance exceeds 1 mile. Speech facilities are provided over the private circuit. Details of this system are given in B 3018. For new work this system is superseded by System K.

System C - for the remote control of firemen's call-bells or siren or both. This system is used over a private circuit between the call-out point and ring-out point if the radial distance exceeds 1 mile. Speech facilities are provided over the private circuit. Details of this system are given in B 3018. For new work this system is superseded by System K.

System D - for the remote control of firemen's call-bells or siren or both over the public telephone-exchange network. Details of this system are given in B 3023.

System DX - for the remote control of firemen's call-bells or siren or both over the public telephone-exchange network, if the ring-out point is connected to an automatic exchange. Details of this system are given in B 3028. System DX supersedes System D for new work if the ring-out point is connected to an automatic telephone exchange.

System G - for the remote control of firemen's call-bells or siren over the public telephone-exchange network, if the ring-out point is connected to a manual exchange. Details of the system are given in B 3030. System G supersedes System D for new work if the ring-out point is connected to a manual exchange.

System K - for the remote control of firemen's call-bells or siren or both. This system is used over a private circuit between the call-out point and ring-out point. Speech facilities are provided. Details of this system are given in B 3050. System K supersedes Systems B, B (Modified), and C for new work. This system is also used for the remote control of a siren without call-bells if the radial distance between the call-out point and siren point exceeds 1 mile.

4. Call-bell systems. If remote control of an existing magneto-type firemen's call-bell system is requested, it is recommended that arrangements be made for the bell system to be changed to a battery-operated system consisting of 1, 2, or 3 call-bell groups, as described in B 3001.

5. Location of ring-out point. It is intended that the ring-out point should normally be located at an unattended fire-station. If the Fire Service authorities request remote-control facilities for a call-bell system which has its ring-out point at premises other than the unattended fire station (e.g. at a police station or at the private house of a fireman), the question of the removal of the ring-out point to the unattended fire station should be raised with them.

References:- B 0003, B 3001, B 3018, B 3023, B 3028, B 3030, B 3050
(S1) LINES, General, A 6391

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