

## 1. GENERAL

1.1 This refers to a facility whereby calls incoming to any instrument within a predetermined group will be diverted to the next free instrument within the group if the instrument originally called is engaged.

1.2 Busy tone will be returned to the calling party only under the following conditions:-

- (a) When all instruments are engaged.
- (b) When the call is made to the last instrument in the group and this is engaged.

1.3 The sequence of lines within a group, i.e., the order in which calls are diverted from the first in the group to the last, is predetermined and cannot be made variable by the telephone users.

1.4 Each instrument in the group retains full out-dialling facilities on its own line circuit as a normal extension telephone.

## 2. DRAWING

A5958/SW - Group Hunting Facility, S50 PAX.

## 3. EQUIPMENT

K7426BRelay (KA) 600Ω ae +	- 1 per line circuit in group
600Ω as N.I. 2K.	except last.
KL625LSpringset, RH,	- 1 per K relay of each line
(1B, 1C, 1K.) Ag.	circuit in group
K6776HDiode, DD058.	- 1 per line circuit in group.
K2976MPlate, Mounting,	- 1 when insufficient accommodation
Relays, 20 way.	Exists on PAX for KA relays.
K2969KMounting, Relay	- 1 per Plate K2976M.
Mounting Plate.	

## 4. INSTALLATION

4.1 The line circuit of each instrument in the group, with the exception of the last, must be modified. This modification entails replacing the springset of each K relay by Springset, K7625L, and extending an additional wire to operate the relevant KA relay as shown on drawing A5958/SW.

4.2 Up to seven KA relays can be accommodated in spare positions on the relay mounting plates on the PAX, provided the Staff Call, Telemike facility is not fitted. Should this facility be fitted then there are only three spare relay

positions available, these positions being as detailed under "S50 Switchboard, Basic Information", paragraph 4.2

## 5. WIRING

5.1 The wiring must be in 23 swg, PVC insulated wire, generally in accordance with drawing A5958/SW.

5.2 The KA relay contact and diodes should be wired to the banks of the units switch and, since no spare terminals exist, soldered and sleeved joints must be used.