

SPECIAL RANGE TELEPHONES
TELEPHONES SRI...C DIRECT EXTENSION AND PLAN IA ARRANGEMENTS FOR 2 WIRE PBX EXTENSIONS WITH RECALL (NOTE 7)

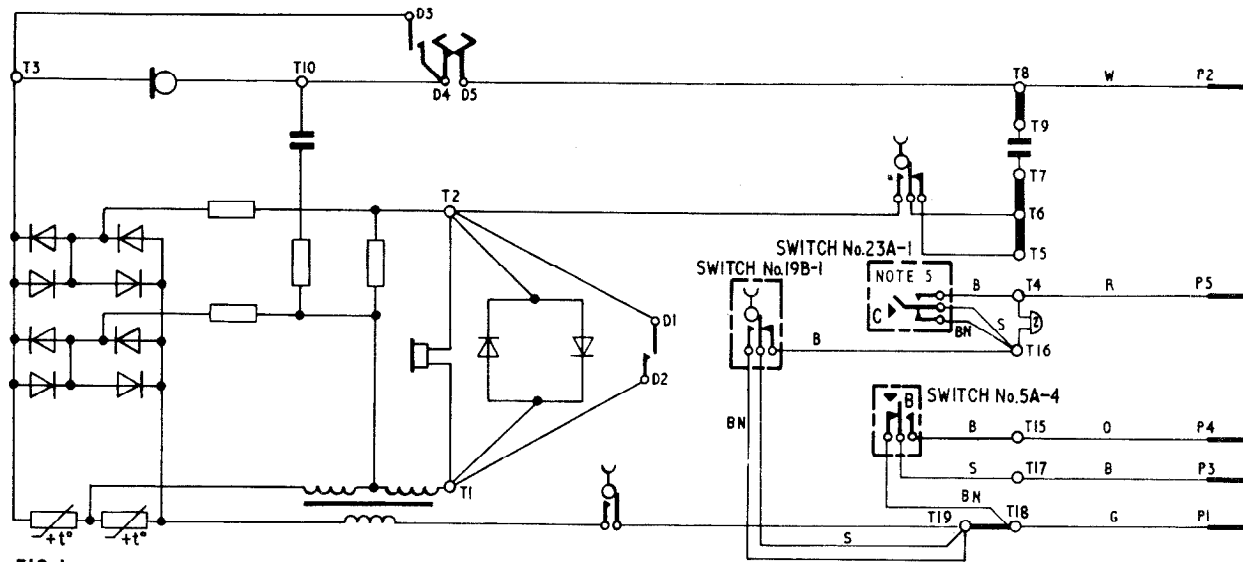


FIG. 1 TELEPHONE No.746 WIRED TO PROVIDE THE SAME CIRCUIT CONDITIONS AS A TELEPHONE SRI...C (NOTE 1)

NOTES:-

- 1 Telephone SRI...C will probably have a different transmission circuit to that shown in Fig.1 but the circuit conditions that can be tested at the plug will be identical
- 2 A Telephone No.746 wired in accordance with Fig.1 may be used as a temporary maintenance replacement for a Telephone SRI...C
- 3 Apparatus Required for Fig.1

1 Telephone No.746	1 Part 1/DPL/1022
1 Part 2/DBU/363	1 Switch No. 19B-1
1 Part 1/DBU/363	1 Switch No. 5A-4
2 Parts 1/DPI/203	1 Switch No. 23A-1
	1 Plug No.505 with Cord Inst. No.5/59 AD
- 4 Fit Switch No.5A-4 and Part 1/DBU/363 in Position B, fit Switch No.23A-1 and Part 2/DBU/363 in Position C
- 5 The bell off facility should be made available on Plan IA extensions only. To bar the facility transfer the blue lead of Switch No.23A-1 from T4 to T11.
- 6 All Telephones SRI...C must be made captive in the jack by a Part 1/DCO/764.
- 7 P B X extensions with C Wire signalling cannot be directly connected to installations with Telephones SRI...C. The extension should be wired in accordance with this diagram and connected to the PBX as an extension using the appropriate U.A.A.

REFERENCES

Telecommunications instruction	C3 BI060
Telephone No.746	Dgm N846
General notes and index of Special Range Telephone Diagrams	Dgm N4900

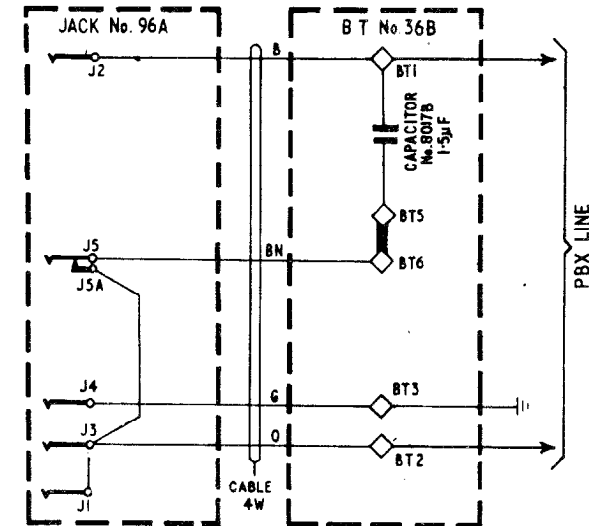


FIG. 2 DIRECT EXTENSION

NOTES:-

- A Apparatus Required:-**
- 1 Telephone SRI...C
 - 1 Jack No.96A
 - 1 Capacitor No. 8017B, 1.5µF
 - 1 Block Terminal No.36B
 - 1 Part 1/DCO/764
- B** When an extension bell is required,remove strap between BT5—BT6 and connect bell.
- C** If more convenient the line may be terminated on the Jack No.96A.

P.O TELECOMMS HQRS					
PAPER:- W	ISSUE	C	VALUE OF CAPACITOR No.8017B SHOWN. NOTE C ON PAGE 2 AMENDED <i>S.A.M.</i>	31-1-78	
		B	MINOR AMENDMENTS. <i>S.A.M.</i>	TD 7-1-3	14-10-76
DISTN:- GENERAL		A	ADD-ON SWITCHES: COLOURS AMENDED. <i>T.M.L.</i>		16-8-73
				TD 2-3-1	24-5-73

EXTENSION PLAN IA USING TELEPHONES No.746 AT MAIN AND INTERMEDIATE AND A TELEPHONE SRI...C AT THE LAST STATION

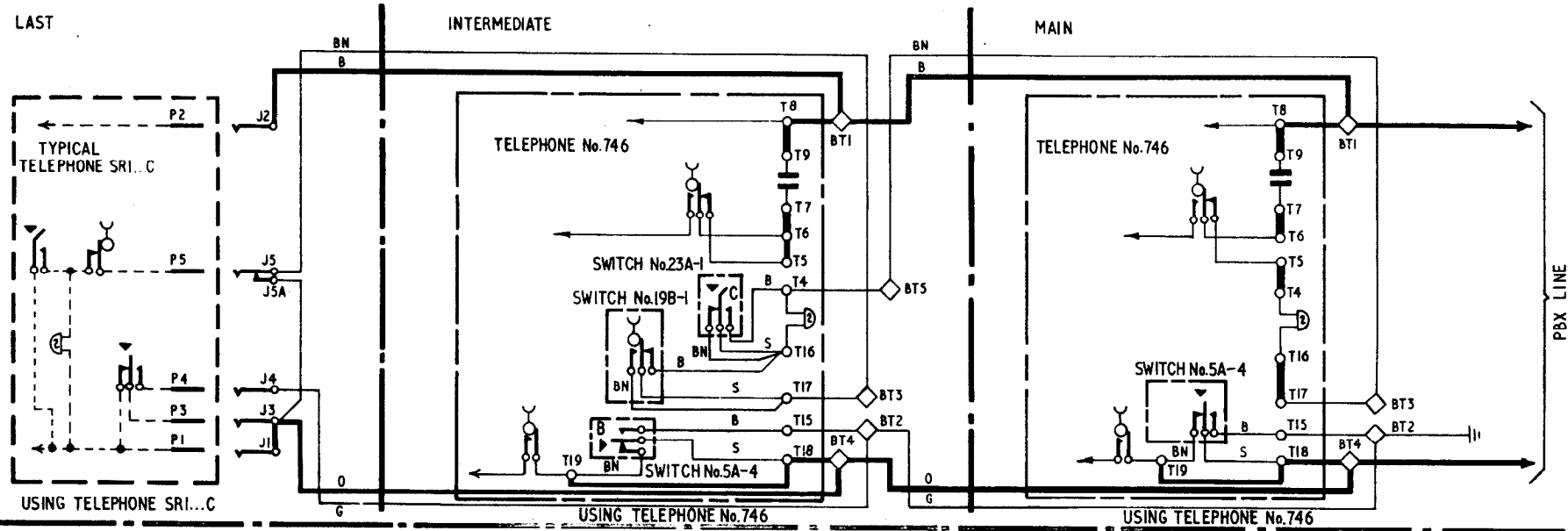


FIG.3
EXPLANATORY

APPARATUS REQUIRED:-

- 1 Telephone SRI...C
- 1 Jack No.96A
- 1 Part 1/DCO/764

APPARATUS REQUIRED:-
NOTE C

- 1 Telephone No.746
- 1 Switch No.23A-1
- 1 Switch No.5A-4
- 1 Switch No.19B-1
- 1 Part 1/DBU/363
- 1 Part 2/DBU/363
- 2 Parts 1/DPI/203
- 1 Part 1/DPL/1022
- 1 Block Terminal No.35A
- 1 Cord Instrument No.6/61AT

APPARATUS REQUIRED:-

- 1 Telephone No.746
- 1 Switch No.5A-4
- 1 Part 1/DBU/362
- 2 Parts 1/DPI/203
- 1 Part 1/DPL/1022
- 1 Thermistor No.1A-1
- 1 Valve, Electronic CV8805

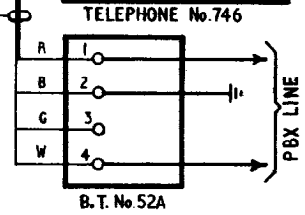
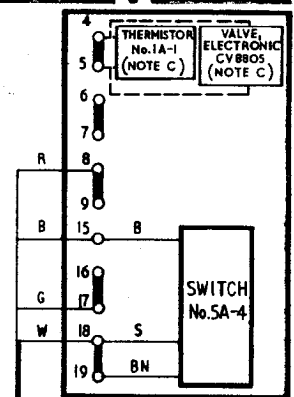
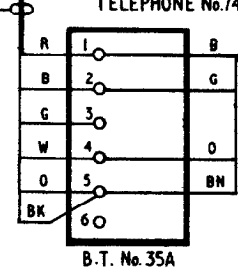
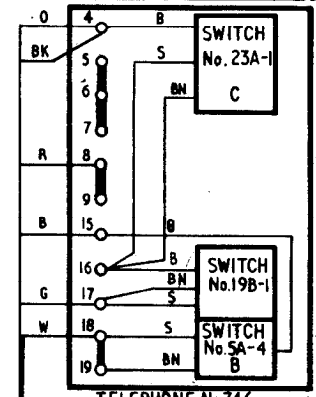
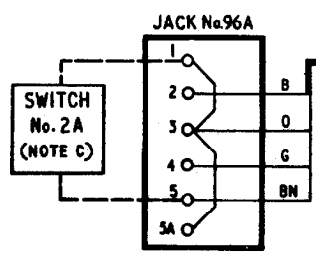


FIG.4
WIRING

NOTES:-

A Telephone SRI...C may only be provided as the last station.
B Fit Switch No.5A-4 and Part 1/DBU/363 in Position B, fit Switch No.23A-1 and Part 2/DBU/363 in Position C.

C Some Telephones SRI...C (e.g. Telephone SRI00C) do not incorporate a suitable switch for the bell off facility. When such a telephone is the last station on a Plan IA, a Switch No.2A must be connected across Terminals J1 and J5. Additionally, at the main station, a Thermistor No.1A-1 must be fitted instead of the strap between Terminals T4 and T5. On PBXs with vibrator ringing, also fit Valve, Electronic CV8805 across T4 and T5.