



REFERENCES:-

FACILITIES	TI B4 B0140
INSTALLATION	TI C3 B3022
MAINTENANCE	TI E5 B2830
TELEPHONE No. 746.	DIAGRAM N846
AUXILIARY UNITS.	{ DIAGRAM N846 DIAGRAM N4700

NOTES:-

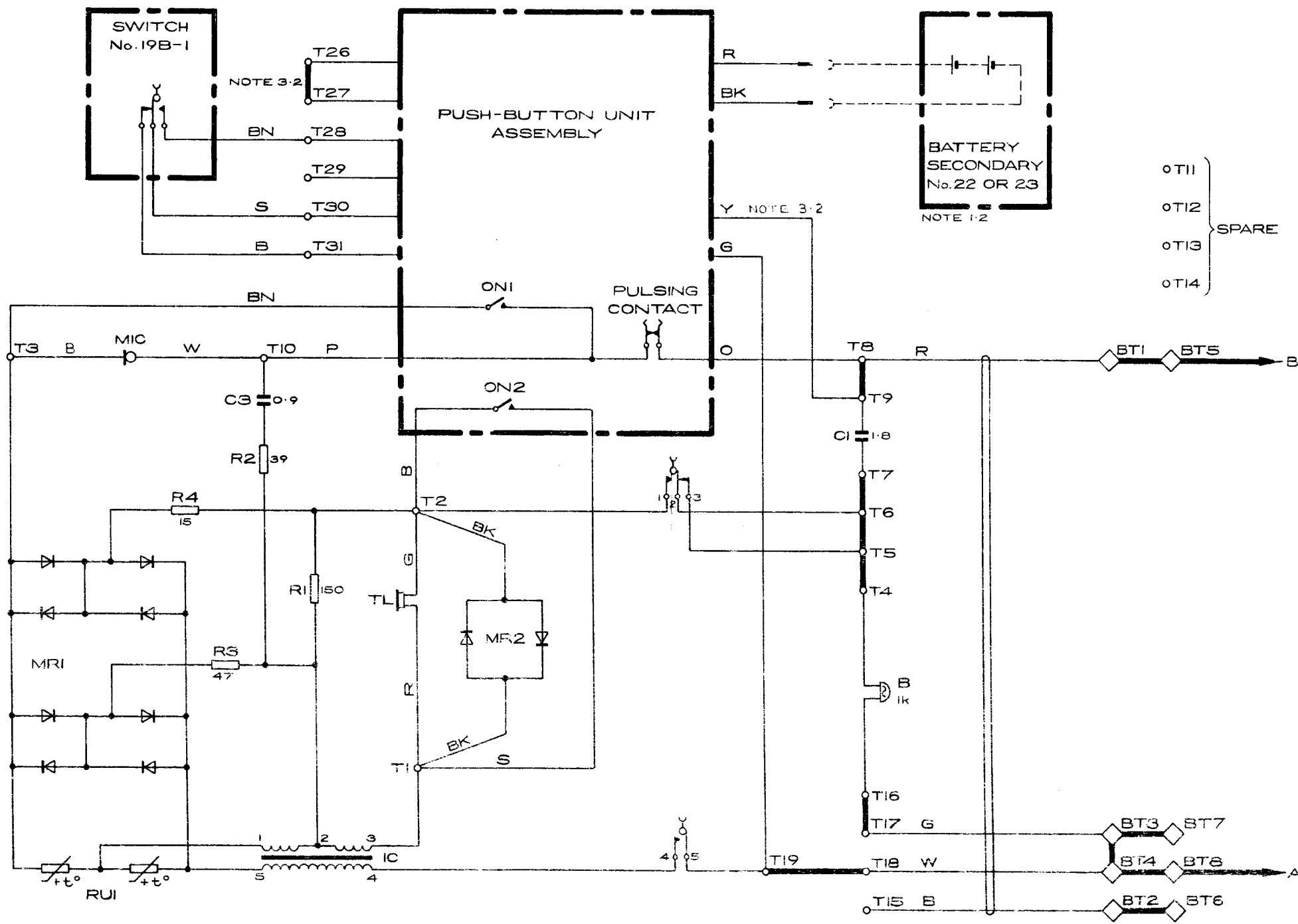
- 1.1 THIS TELEPHONE CONTAINS AN ELECTRONIC CIRCUIT IN PLACE OF THE DIAL WHICH IS POWERED FROM A BATTERY CONTAINED WITHIN THE TELEPHONE. THE BATTERY MAY BE RECHARGED FROM LINE CURRENT OR A POWER-UNIT.(SEE NOTE 3.1).
- 1.2 THE BATTERY IS NOT SUPPLIED WITH THE TELEPHONE MUST BE REQUISITIONED SEPARATELY AS FOLLOWS:-  

TELEPHONE No.	BATTERY SECONDARY No.	BATTERY COLOUR
1/764	22	RED
2/764	23	BLUE

REMOVE THE BATTERY WHEN RECOVERING THE TELEPHONE.
- 1.3 THE TELEPHONE No. .../764 IS SIMILAR TO THE TELEPHONE No. 746 AND MAY BE FITTED IN ACCORDANCE WITH DIAGRAM N846 AND 700 TYPE TELEPHONE PLAN DIAGRAMS.
- 1.4 THE TELEPHONE WILL ACCOMODATE THE RANGE OF AUXILIARY PARTS FOR THE TELEPHONE No. 746 (SEE DIAGRAMS N848 AND N4700) WITH THE FOLLOWING EXCEPTIONS:-
  - (a) A MAXIMUM OF 2 AUXILIARY GRAVITY SWITCHES MAY BE PROVIDED.(SEE NOTE 1.5).
  - (b) A MAXIMUM OF 6 ADDITIONAL TERMINALS MAY BE PROVIDED i.e. 1 PART 2/DST/836.
  - (c) LAMP SIGNALLING UNITS Nos 1 AND 2 CANNOT BE PROVIDED.
- 1.5 THE TELEPHONE IS ISSUED WITH AN AUXILIARY GRAVITY SWITCH (SWITCH No.19B-1) CONNECTED TO CONTROL THE PUSH-BUTTON UNIT.WHERE AN EXTENSION PLAN REQUIRES 1 OR 2 AUXILIARY GRAVITY SWITCHES, THE EXISTING SWITCH SHOULD BE REPLACED BY A SWITCH No. 19D-1 OR 19C-1 RESPECTIVELY. SITUATIONS REQUIRING 3 AUXILIARY GRAVITY SWITCHES CANNOT BE PROVIDED.

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FIG.1 CONNEXIONS AS ISSUED



NOTES:-

- 3.1 TABLE 1 in association with TABLE 2 shows the method of battery charging that should be used for a particular situation. For any situation not covered by TABLE 1, charge from a Power-Unit No. 53 using method B.
- 3.2 The telephone is issued with the charging circuit connected for line charging method A. For other charging methods relocate strap (between T26-T27) and the yellow and green wires (connected to T9, T19) as indicated by TABLE 2.
- 3.3 DIRECT LINES AND EXTENSIONS - Only one battery may be charged from line current (method A or D). Where additional battery powered telephones (eg Telephones Nos. 764, 772) are required, power-unit charging must be used (method B or C) for the additional telephones.
- 3.4 SHARED SERVICE LINES - Where shared service is provided by TXE2, TXE4 and 50 point line finders, line charging is limited to one party only. On all other systems each party may line charge one battery.
- 3.5 Where power-unit charging (method B or C) is used, remove the yellow and green wires from terminal T9, T19 and connect them to two spare telephone terminals. If necessary, fit terminal strip Part 2/DST/836.
- Spare cord conductors and BT terminals should be used to connect to the power-unit. In some situations it may be necessary to fit a larger cord or BT than specified by the plan diagram parts list.
- 3.6 Where the telephone is associated with apparatus that requires a 10V or 50V power-unit (eg Planset N625 or Key and Lamp Unit) the battery may be charged from that power-unit using method B or C as appropriate.
- 3.7 A maximum of 80 batteries may be charged from a single Power-Unit No. 53A. However, it is recommended that no more than 10 batteries be charged from a single fused output.
- 3.8 Extension Plan 4 - Only one portable battery powered instrument is permissible. To ensure the battery is charged, the telephone must not be removed from a socket for longer than a few hours. Power-unit charging is not possible.
- 3.9 Telephones .../764 cannot be used to set-up subscribers controlled group transfer.
- 3.10 In situations where the telephone is subject to high usage (in excess of 80 calls per day) power-unit charging (method B or C) is recommended.

INSTALLATION		LINE CONDITIONS						
1st BATTERY KEYPHONE	NOTE	DIRECT LINE SHARED SERVICE SHARED SERVICE-TXE 2, TXE 4 50PT. LINE FINDER PABX EXTENSION-OTHER SYSTEMS PMBX EXTENSION-50V SUBS CARRIER WB 900						
		A	A	D	A	B	B	
		A	A	E	A	B	B	
		A	A	D	A	B	B	
	3-8	A	A	D	A	-	-	
	3-6	B	B	B	B	B	B	
	3-6	B	B	B	B	B	B	
	3-6	C	-	-	C	-	-	
		-	-	-	-	C	-	
		-	-	-	D	-	-	
ADDITIONAL BATTERY KEYPHONES		B (OR C IF MORE CONVENIENT)						

TABLE 1 BATTERY CHARGING METHOD NOTE 3-1

CHARGING METHOD		NOTE	CHARGING CIRCUIT CONNEXIONS		
			STRAP	YELLOW	GREEN
A	FROM LINE		T26-T27	T9	T19
B	FROM 10v POWER-UNIT	3-5	T27-T28	SPARE TERMINALS TO POWER-UNIT	
C	FROM 50v POWER-UNIT	3-5	T28-T29		
D	FROM LINE		T26-T27	T9	T15
E	FROM LINE		T26-T27	T9	T17

TABLE 2 CHARGING CONNEXIONS NOTE 3-2