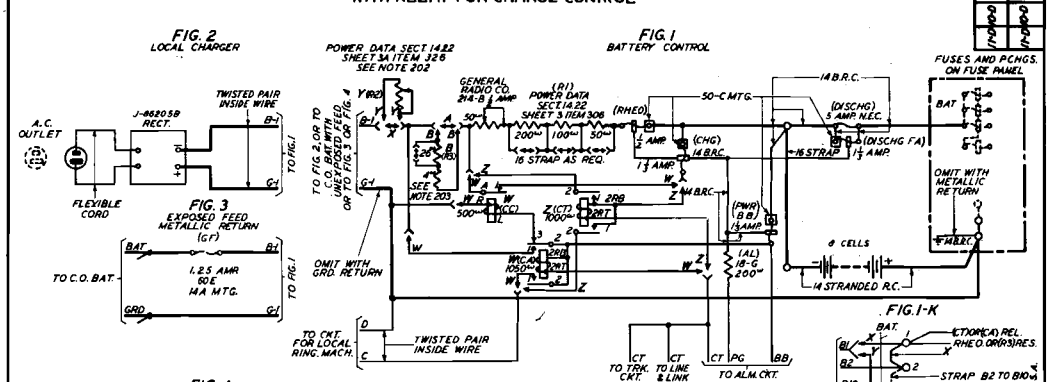
POWER SYSTEMS
750-A P.B.X. PLANT
CHARGE AND DISCHARGE CIRCUIT
WITH RELAY FOR CHARGE CONTROL

D.W.C. ISSUE	C.O. ISSUE
1-1-XXXX	1-1-XXXX



CIRCUIT NOTES:

101. PROVI TO ISSUE 9-D, "A", "B", "W", & "Z" WIRING WERE NOT SHOWN AND "A" & "Z" WIRING WERE PART OF FIG. 1.

102. FURNISH "W" AND EITHER "A" OR "B" WIRING AND APPARATUS FOR CHARGE CONTROL BY VOLTAGE. "B" WIRING AND APPARATUS IS REQUIRED ONLY IF CHARGE RATE AT OPERATE VOLTAGE OF (CC) REL. IS OVER 0.5 AMP. STRAP 26TH PART OF (RS) RES. WHEN C.O. BAT. IS 24V. FURNISH "A" AND "Z" WIRING AND APPARATUS WHEN CHARGE CONTROL BY VOLTAGE IS NOT PROVIDED.

EQUIPMENT NOTES:

201. ALL LEADS TO BE 22 D.S. & C.C. UNLESS OTHERWISE SPECIFIED.

202. FURNISH "Y" WIRING & APPARATUS AND OMIT "X" WIRING IF IT IS NOT POSSIBLE TO LIMIT HIGH CHARGE RATE BY SELECTION OF CENTRAL OFFICE FEEDER VOLTAGE OR NUMBER OF FEEDER CONDUCTORS. FURNISH 10Ω RESISTOR WITH 24V. FEEDERS. 35Ω RESISTOR WITH 48V. FEEDERS.

203. SPECIFY RES. PWR. DATA SECT. 14.22, SHEET 3, ITEM 303. TOTAL OHMS 30, WITH TAP AT 26TH TO CARRY ½ AMP. THRUOUT.

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SD-80477-01 750A PBX PLANT CHARGE AND DISCHARGE CIRCUIT WITH RELAY FOR CHARGE CONTROL

POWER SYSTEMS

CIRCUIT REQUIREMENTS

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APPARATUS DESIG.	APPARATUS CODE	MECH. REQ. BSP FIG.	MECH. REQ. CONT PRESS	MECH. REQ. ARM STRVL	CIRCUIT PREPARATION SEQ SW POS.	CIRCUIT PREPARATION BLOCK	CIRCUIT PREPARATION TEST CLIP DATA CONN. BAT	CIRCUIT PREPARATION TEST CLIP DATA CONN. GRD	TEST SET PREP	SEE TEST NOTE NO.	DIRECT CURRENT FLOW REQ. TEST WDG.	TEST FOR	AFTER SCALE AMP	TEST AMP.	READ AMP.	REMARKS
FIG. 1 RELAYS IN APPARATUS																
CA	R6028	3/1		.020				2RT(CA)	GRD.					.009	.0086	
CC	2558					(CA) Q				1						
2 APPARATUS																
CT	C1584	1/1	H	.015								Q		.0110	.0098	

TEST NOTES:

1. REMOVE (CHG) AND (PWR BB) FUSES. CONNECT RING ON "BAT. & GRD." JACK OF 35 TYPE TEST SET TO BAT. TERM. 1 FOR CABLE PAIR CHARGE OR TO RHEO. FUSE IN SERIES WITH DRY CELLS FOR LOCAL CHARGER. CONNECT TIP ON "TIP & RING" JACK TO 3T(CA) RELAY. CONNECT VOLTMETER ACROSS 3T(CA) RELAY AND GRD. TERM. 1. ADJUST IN ACCORDANCE WITH BSP.

CKT ASS. NO. 1 2 3 4 5 6 7 8 9 10 11

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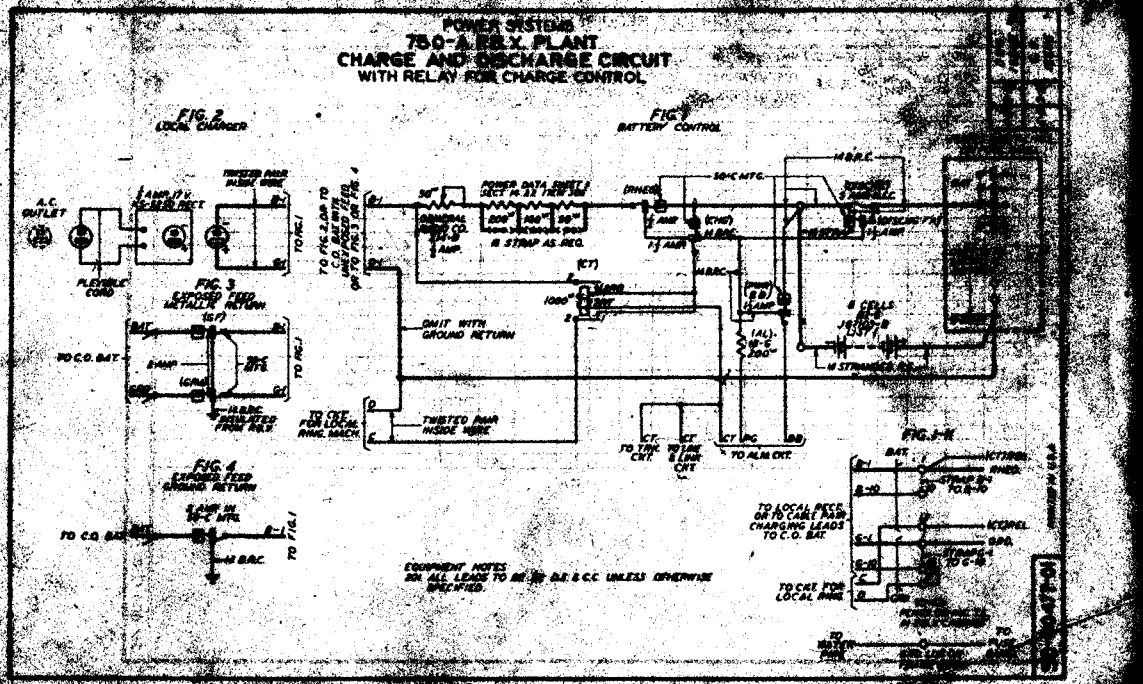
POWER SYSTEMS
750-A R.B.X. PLANT
CHARGE AND DISCHARGE CIRCUIT
WITH RELAY FOR CHARGE CONTROL
FIG. 2
LOCAL CHARGER
A.C. OUTLET
PLEYBALL CORD
TWISTED PAIR INSIDE WIRE
TO FIG. 1
FIG. 3
EXPOSED FEED METALLIC RETURN
TO C.O. BAT.
FIG. 4
EXPOSED FEED GROUND RETURN
TO C.O. BAT.
TO FIG. 1
FIG. 1
BATTERY CONTROL
POWER DATA SHEET
18 STRAP AS REQ.
OMIT WITH GROUND RETURN
TWISTED PAIR INSIDE WIRE
TO CKT. FOR LOCAL RING. MACH.
TO TRK. CKT.
TO ALM. CKT.
14 B.R.C.
8 CELLS
FIG. 1-K
TO LOCAL RECT. OR TO CABLE PAIR CHARGING LEADS TO C.O. BAT.
TO CKT. FOR LOCAL RING.
EQUIPMENT NOTES
201. ALL LEADS TO BE BE D.E. & C.C. UNLESS OTHERWISE SPECIFIED.

CIRCUIT REQUIREMENTS

[illegible]		MECH. REQ.			CIRCUIT PREPARATION				[illegible]							REMARKS
[illegible]	CODE	DEP. FIG.	CONT. PRESSURE	ARM. TRVL.	[illegible] POS.	BLOCK	TEST CLIP DATA		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TEST	READ.	
							CONN. DAT.	CONN. GRD.						AMP.	AMP.	
FIG. 1.																
[illegible]																
[illegible]	[illegible]	121	[illegible]	.015								0		.0110	[illegible]	

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