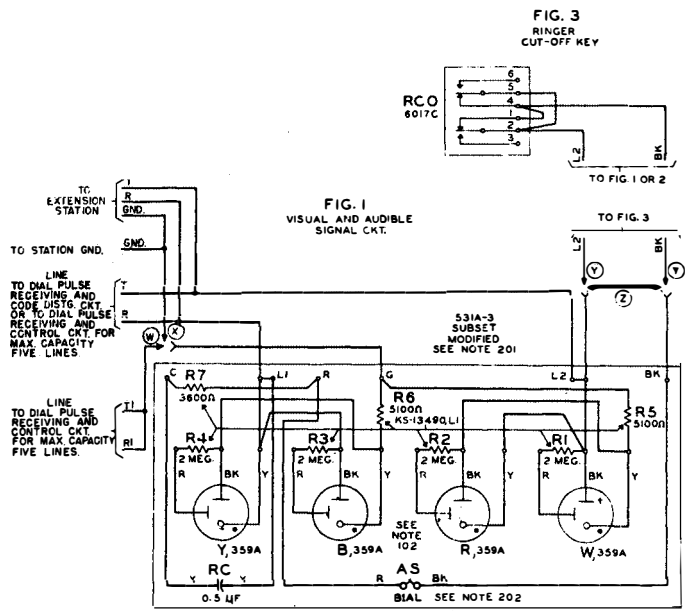
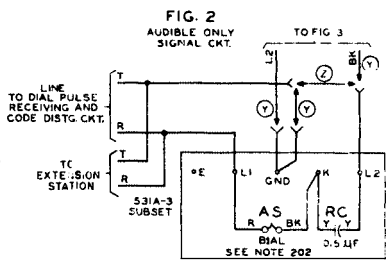
STATION SIGNAL INDICATOR CIRCUIT





CIRCUIT NOTES:

101.

FEATURE OR OPTION		PROVIDE FIG.	PROVIDE APPARATUS WIRE	PROVIDE QUANTITY
VISUAL AND AUDIBLE SIGNAL CKT.		1		1 PER STATION
AUDIBLE ONLY SIGNAL CKT.		2		1 PER STATION
RINGER CUT-OFF KEY		3		1 PER STATION
RINGER CUT-OFF FEATURE	REQ.		Y	
	NOT REQ.		Z	
CONTROL STATION DIAL		4		1 PER CONTROL STATION
CONNECTING CIRCUIT	DIAL PULSE RECEIVING AND CODE DISTG. CKT. (2-WIRE OPERATION)		X	
	DIAL PULSE RECEIVING & CONTROL CKT. FOR MAX. CAPACITY FIVE LINES (4-WIRE OPERATION)		W	

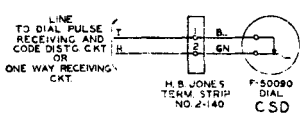
102.

SIGNAL (VISUAL)	2-WIRE OPERATION RINGING SUPPLY	2-WIRE OPERATION RING. G. ON	4-WIRE OPERATION ± -ON	4-WIRE OPERATION RING. G. ON
YELLOW	± ON R	T	R	T, T1, R1
BLUE	±+ ON R	T	T, T1, R1	R
RED	± - ON T	R	T	R, T1, R1
WHITE	±+ ON T	R	R, T1, R1	T

103.

RECORD OF FIGURES, WIRING, AND APPARATUS CHANGES								
CHANGE ORD. ISS.	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN.	SEE NOTE	USE IN CIRCUIT STD	A & M	M.D.		
2D	X OR W	X	101	X, W				

FIG. 4
CONTROL STATION DIAL



EQUIPMENT NOTES:

201. THE 531A-3 SUBSET FIG. 1 SHALL BE MODIFIED IN ACCORDANCE WITH ED-69231-01.

202. BIAL RINGERS SHALL BE EQUIPPED WITH 2-418 GONGS AND 101A GONG ATTACHMENTS WITH KNOCK-OUTS REMOVED

WORKING LIMITS

LINE TO CONN. CKT.	MIN. VOLTS AC	MIN. VOLTS DC	MAX. EARTH POTENTIAL	MIN. INS. RES.	MAX. COND. LOOP NO EXTENSION	MAX. COND. LOOP ONE EXTENSION
2-WIRE	70V.	45V.	0	15000Ω	1300Ω	400Ω
	70V	45V.	+OR-5V.	15,000Ω	800Ω	150Ω
	75V	45V.	+OR-5V.	15,000Ω	1300Ω	400Ω
	70V.	45V	+OR-10V.	15,000Ω	300Ω	-
	75V	45V.	+OR-10V.	15,000Ω	900Ω	200Ω
	80V	45V	+OR-10V.	15,000Ω	1300Ω	400Ω
4-WIRE	70V	45V.		15,000Ω	1000Ω	

THE ABOVE LIMITS ARE BASED ON THE USE OF A 130 OR EQUIVALENT RES. LAMP IN SERIES WITH THE RINGING SUPPLY. RANGES SHOWN FOR 2-WIRE OPERATION WITH ONE EXTENSION APPLY TO THE FARTHEST STATION.

	2D	1	DWG. ISS.
	2D	1	C.D. ISS.

STATION SIGNAL INDICATOR CIRCUIT

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