

NOTES:

OS OPTION	FEATURE OR OPTION	SD OPTION	SD
A	SEPARATE TRAIN OPERATION	FIG. A	68340-01
B	COMB. TRAIN OPERATION	FIG. B	68340-01
C	INTERTOLL MARKERS		68395-01
D	TOLL COMPLETING MARKERS		68395-01
E	SEPARATE TRAIN COMBINED OPERATION	FIG. E	
F	PRONOUNCEMENT REORDER PROVIDED	FIG. F	68340-01
G	PRONOUNCEMENT REORDER NOT PROVIDED	FIG. G	
J	COMB. TRAIN OPERATION PRONOUNCEMENT REORDER PROVIDED	FIG. B, FIG. F	68340-01
K	COMB. TRAIN OPERATION PRONOUNCEMENT REORDER NOT PROVIDED	FIG. B, FIG. G	68340-01
N	EVEN DECODERS	N.FIG. E	68340-01
O	ODD DECODERS	O.FIG. F	

2. IN SEPARATE TRAIN OPERATION, WHEN TRUNK APPEARS ON ONLY ONE TRAIN THE 10,000Ω GROUND IS APPLIED TO THE UNUSED SM-LEAD.

TABLE 1

INCOMING TRUNK APPEARANCE SEPARATE TRAIN OFFICE
X DENOTES RELAY OPERATED.

TRUNK CIRCUIT		DECODER RELAYS						INCOMING TRUNK APPEARANCE.	
LEAD	OPTION SEE NOTE 2	CONDITION	SMI	SMC	SMI1	SMC1	SMI2		SMC2
SMC	H	10000Ω GRD.	X		X	X	X		INTERTOLL FRAME
SMI	NONE	GRD.							
SMC	NONE	GRD.		X	X	X		X	TOLL COMPL. FR.
SMI	R	10000Ω GRD.							
SMC	NONE	GRD.	X	X	X	X	X	X	IT & TOLL COMPL. FR.
SMI	NONE	GRD.							

TABLE 2

MARKER REQUIRED SEPARATE TRAIN OFFICE
X DENOTES RELAY OPERATED.

REPRESENTING INCOMING TRUNK APPEARANCE		REPRESENTING OUTGOING TRUNK APPEARANCE		SELECTING TYPE OF MARKER		INDICATING MISMATCH		MARKER REQUIRED	
SMI2	SMC2	IT	TC	ITC	ITI	TCI	ROIT		ROTC
X		X			X				INTERTOLL
X			X		X		X		INTERTOLL
X				X	X				INTERTOLL
	X	X				X		X	TOLL COMPL.
	X		X			X			TOLL COMPL.
	X			X		X			TOLL COMPL.
X	X	X			X				INTERTOLL
X	X		X			X			TOLL COMPL.
X	X			X		X			TOLL COMPL.

* DECODER CKT. SD-68340-01, ISS. 8
 DECODER CONNECTOR CKT. SD-68339-01, ISS. 4
 INCOMING LINK & CONN. CKT. SD-68393-01, ISS. 7
 MARKER CONNECTOR CKT. SD-68395-01, ISS. 5
 SENDER LINK & CONN. CKT. SD-68334-01, ISS. 13
 TWO-WAY TRUNK CKT. SD-68232-01, ISS. 10

DECODER
MARKER SELECTION
 COMBINED SEPARATE-TRAIN AND
 SEPARATE TRAIN COMBINED OPERATION

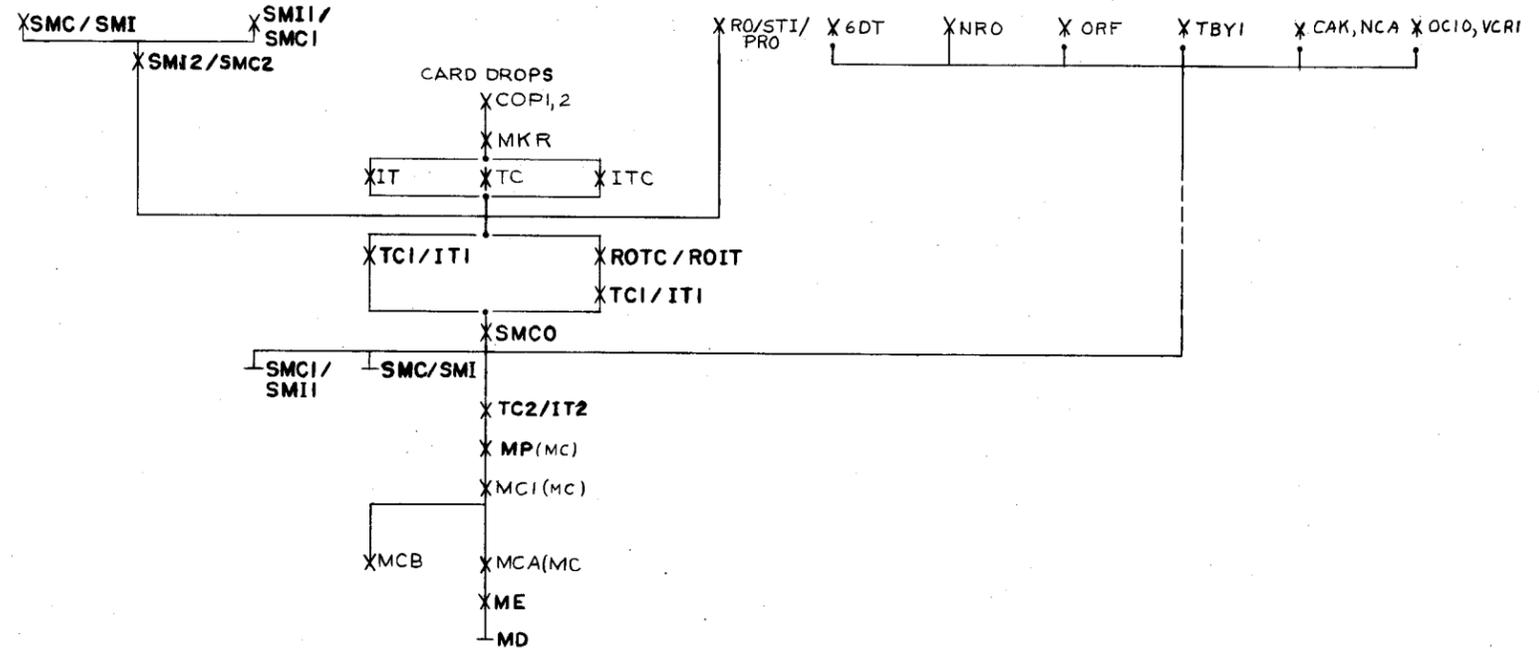
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2 SHEETS, SHEET 1

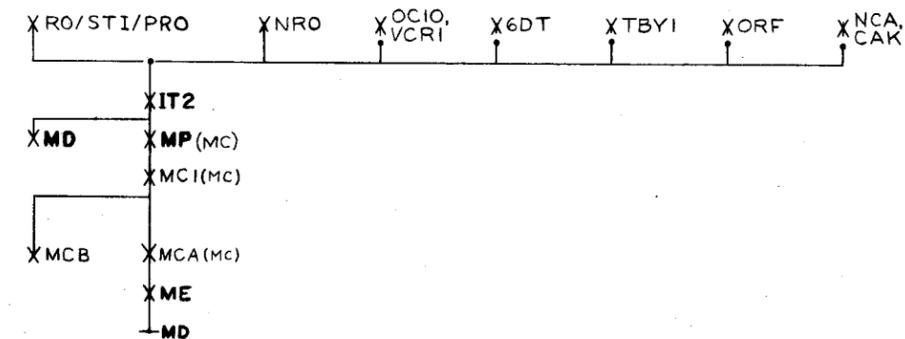
NO. 4A TOLL

ORDER AS SUP ITEM MP-11610

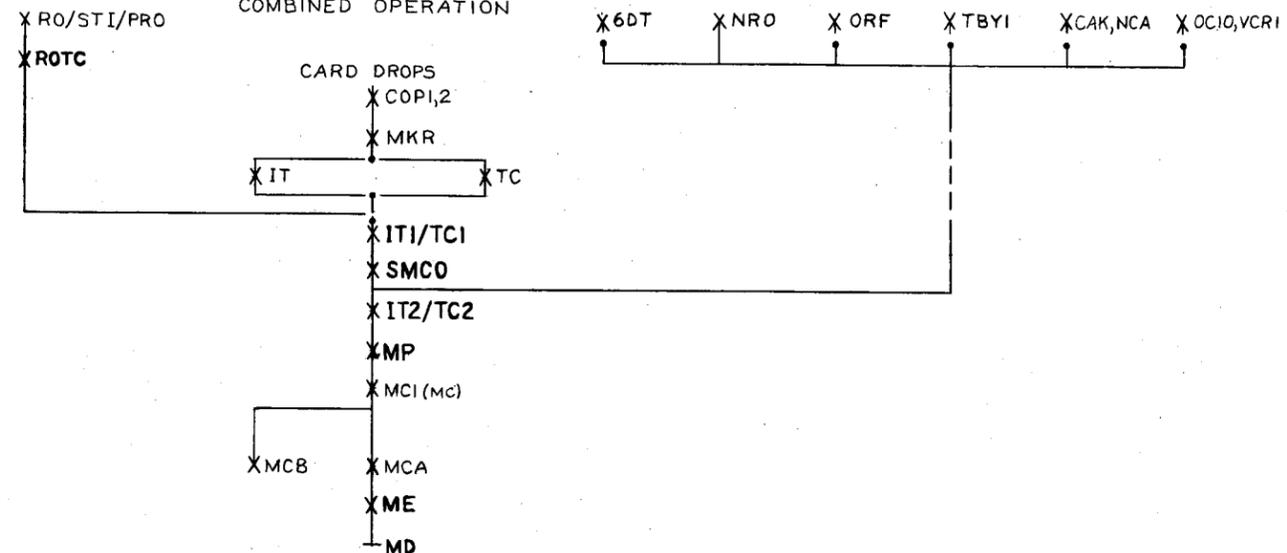
SEQUENCE CHART
 SEPARATE TRAIN OFFICE



COMBINED TRAIN



SEPARATE TRAIN
 COMBINED OPERATION

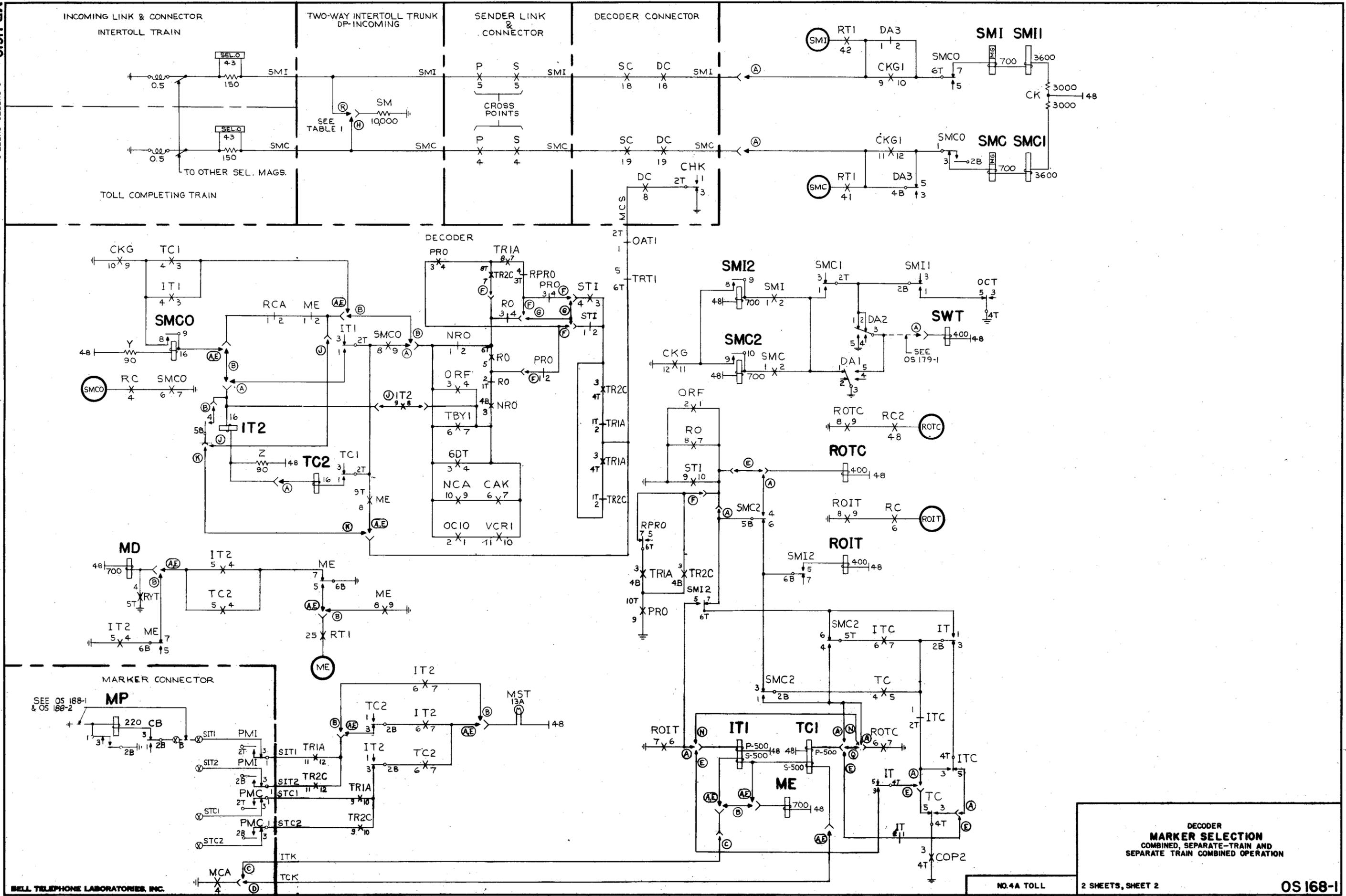


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2 SHEETS, SHEET 1

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DECODER
MARKER SELECTION
COMBINED, SEPARATE-TRAIN AND
SEPARATE TRAIN COMBINED OPERATION