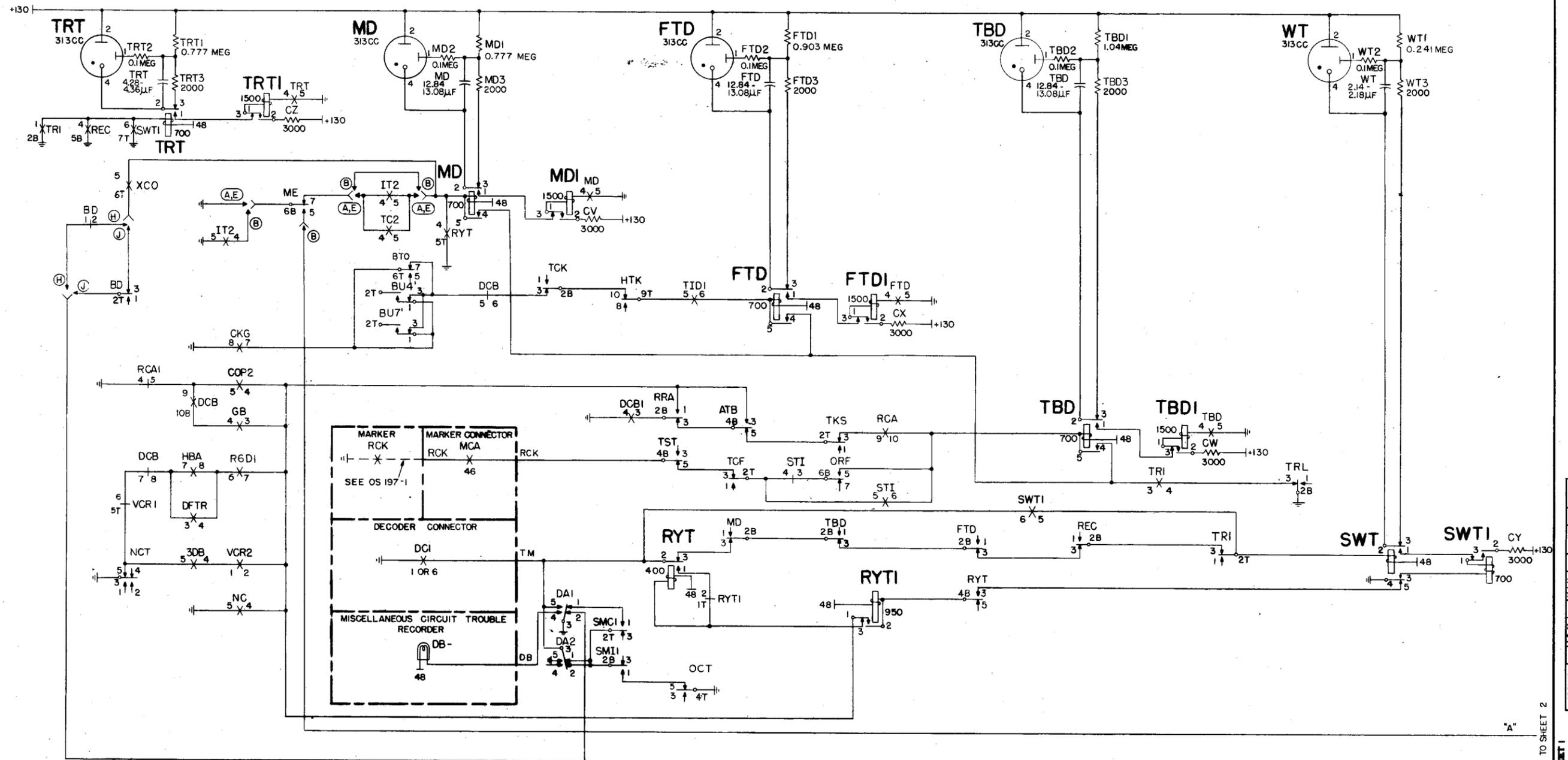


DECODER



ISSUE	1	2	3	4
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TO SHEET 2

3 SHEETS, SHEET 1

MP-11636

DECODER
TIMING, TROUBLE CROSSES AND
REQUEST FOR TROUBLE RECORDER

OS179-1

3 SHEETS, SHEET 1

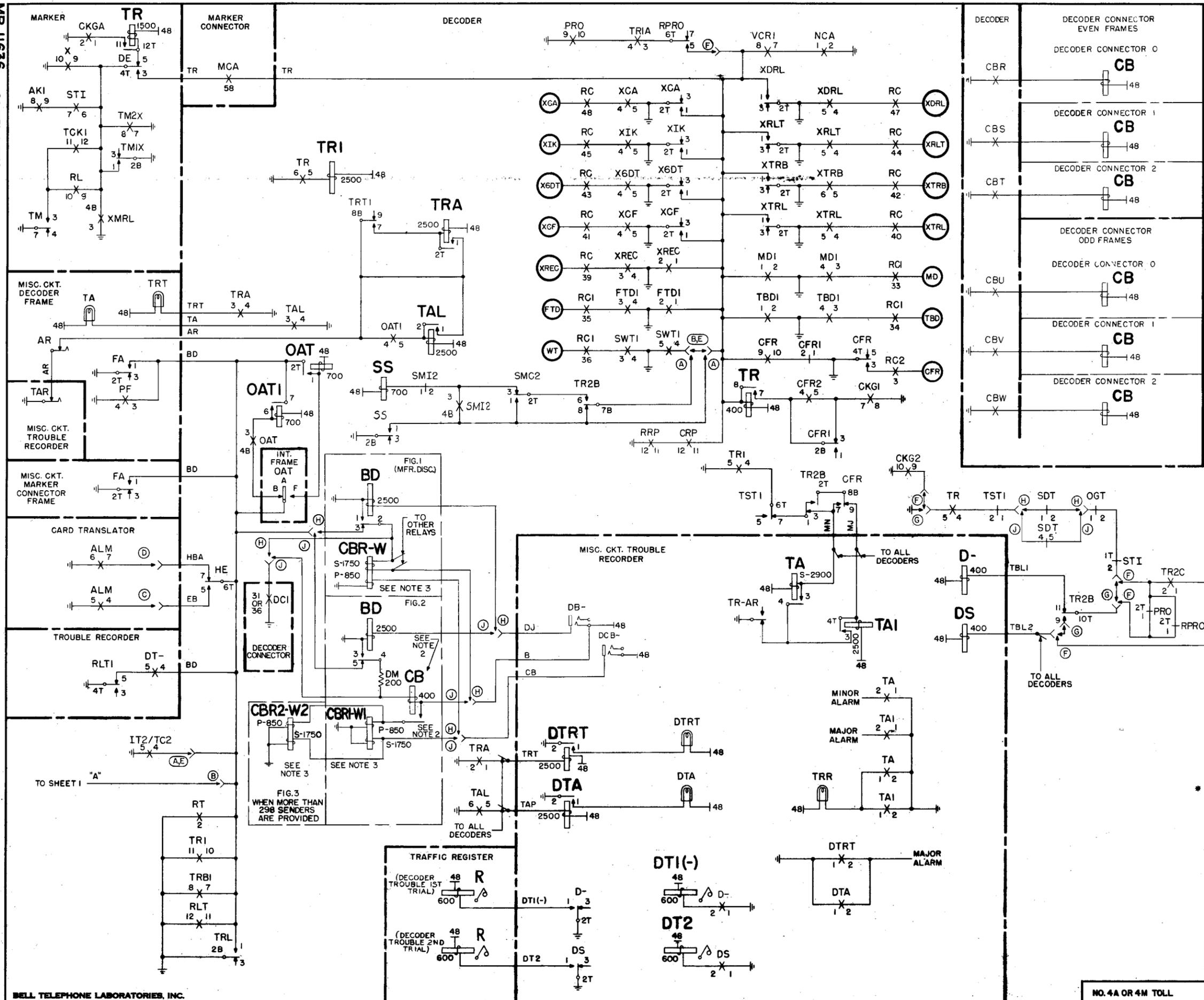
NO. 4A OR 4M TOLL

ORDER AS BSP ITEM MP-11636

BELL TELEPHONE LABORATORIES, INC.

PRINTED IN U. S. A.

ISSUE	1	2	3
DATE	6-28-57	10-1-53	



NOTES:

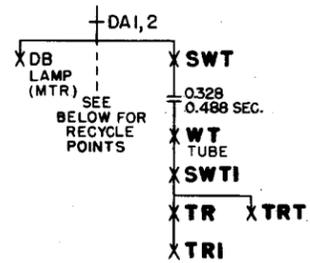
- | OS OPTION | FEATURE OR OPTION | SD OPTION | SD |
|-----------|-----------------------------------|--|-----------------------|
| A | FOR SEPARATE TRAIN OPERATION | FIGS. A & X WIRING | 68340-CI |
| B | FOR COMBINED TRAIN OPERATION | FIGS. B & Y WIRING | 68342-CI |
| C | FOR EMERGENCY TRANS. | Z | |
| D | FOR HOME TRANSLATOR | Y | |
| E | SEPARATE TRAIN COMBINED OPERATION | FIGS. E & R WIRING | |
| F | INTER-SENDER LOAD CONTROL TIMING | ROUTE TO OVERLOAD ANNOUNCEMENT TRKS. OR TO SEPARATE GRP. OF MASTER BUSY TRKS. OR OTHER TRKS. | FIGS. F, H & K WIRING |
| | | ROUTE TO REGULAR GRP. OF MASTER BUSY TRKS. | FIGS. F, H & K WIRING |
| G | NOT PROVIDED | FIG. GBU WIRING | 68340-CI |
| H | M.D. | FIGS. H, K & L WIRING | |
| J | STD. | FIGS. J, L, 25, 26 & 27 | |
- | (CB) RELAY CONTACTS | RELAY COILS |
|---------------------|-------------|
| 1T-2T | CBS 1,2 |
| 3T-4T | CBV 1,2 |
| 1B-2B | CBU 1,2 |
| 3B-4B | CBU 1,2 |
| 5B-6B | CBV 1,2 |
| 7P-8B | CBW 1,2 |
- | RELAY | CONN. NO. | CP-CONTACT NCS. |
|-----------------------------------|------------------------|-----------------|
| FOR DECODER CONNECTOR FRMS. 0-19 | | |
| CBR OR CBR1 | CONN. NO. 0 EVEN FRMS. | 0 1 10B-11 |
| CBS OR CBS1 | CONN. NO. 1 EVEN FRMS. | 2 3 6B-7B |
| CBT OR CBT1 | CONN. NO. 2 EVEN FRMS. | 4 5 6B-7B |
| CBU OR CBU1 | CONN. NO. 0 ODD FRMS. | 6 7 4B-5B |
| CBV OR CBV1 | CONN. NO. 1 ODD FRMS. | 8 9 2T-1 |
| CBW OR CBW1 | CONN. NO. 2 ODD FRMS. | 10 11 4T-3T |
| FOR DECODER CONNECTOR FRMS. 20-25 | | |
| CBR2 | CONN. NO. 0 EVEN FRMS. | 12 13 6T-5T |
| CBS2 | CONN. NO. 1 EVEN FRMS. | 14 15 8T-7T |
| CBT2 | CONN. NO. 2 EVEN FRMS. | 16 17 10T-9T |
| CBU2 | CONN. NO. 0 ODD FRMS. | 18 19 12T-11T |
| CBV2 | CONN. NO. 1 ODD FRMS. | 20 21 5B-6B |
| CBW2 | CONN. NO. 2 ODD FRMS. | 22 23 3B-4B |
| | | 24 25 1B-2B |

- GARD TRANSLATOR CKT. SD-68342-01, ISS. 6
- * DECODER CKT. SD-68340-01, ISS. 8
- DECODER CONNECTOR SD-68339-01, ISS. 4
- INTERRUPTER FRAME CKT. SD-68058-01, ISS. 15
- MARKER CKT. SD-68388-01, ISS. 7
- MARKER CONNECTOR CKT. SD-68395-01, ISS. 5
- MISC. CKT. DECODER FRAME SD-68411-01, ISS. 1
- MISC. CKT. MARKER CONNECTOR FRAME SD-68419-01, ISS. 2
- MISC. CKT. TROUBLE RECORDER FRAME SD-68392-01, ISS. 5
- TRAFFIC REGISTER CKT. SD-68442-01, ISS. 7
- TROUBLE RECORDER CKT. SD-68389-01, ISS. 5

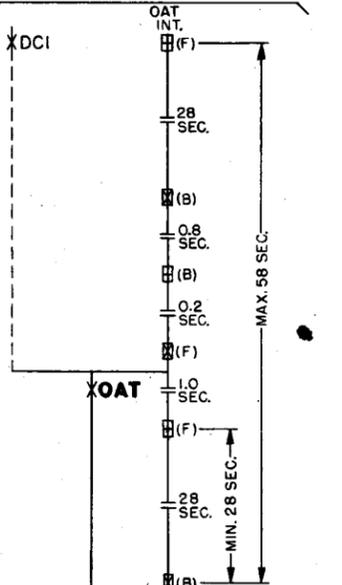
DECODER
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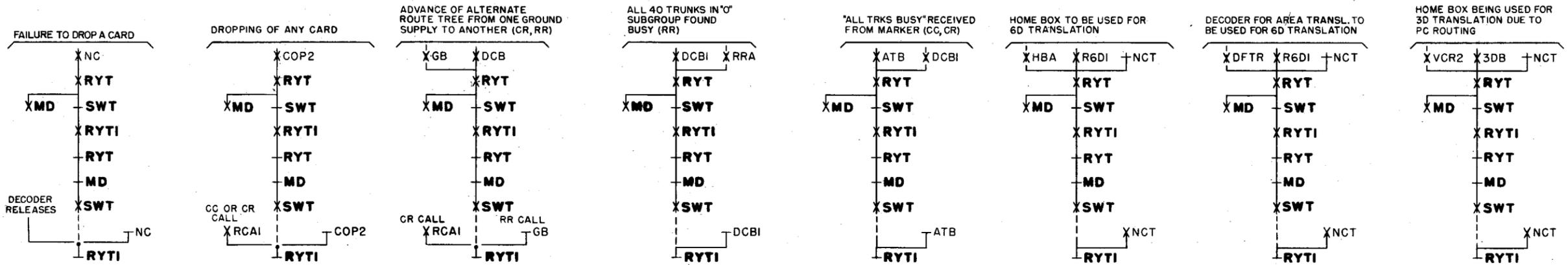
DECODER
SEQUENCE CHARTS
WORK TIMING



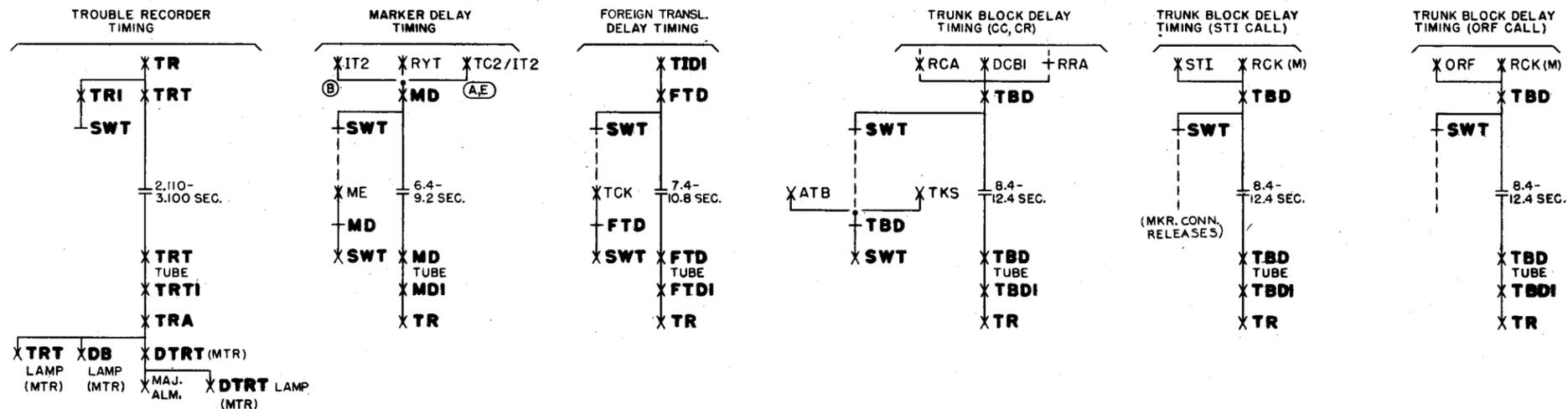
OVERALL TIMING



WORK TIMER MAY BE RECYCLED BY ANY OF THE FOLLOWING



WORK TIMER MAY BE STOPPED & RESTARTED BY ANY OF THE FOLLOWING



DECODER
TIMING, TROUBLE CROSSES AND
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