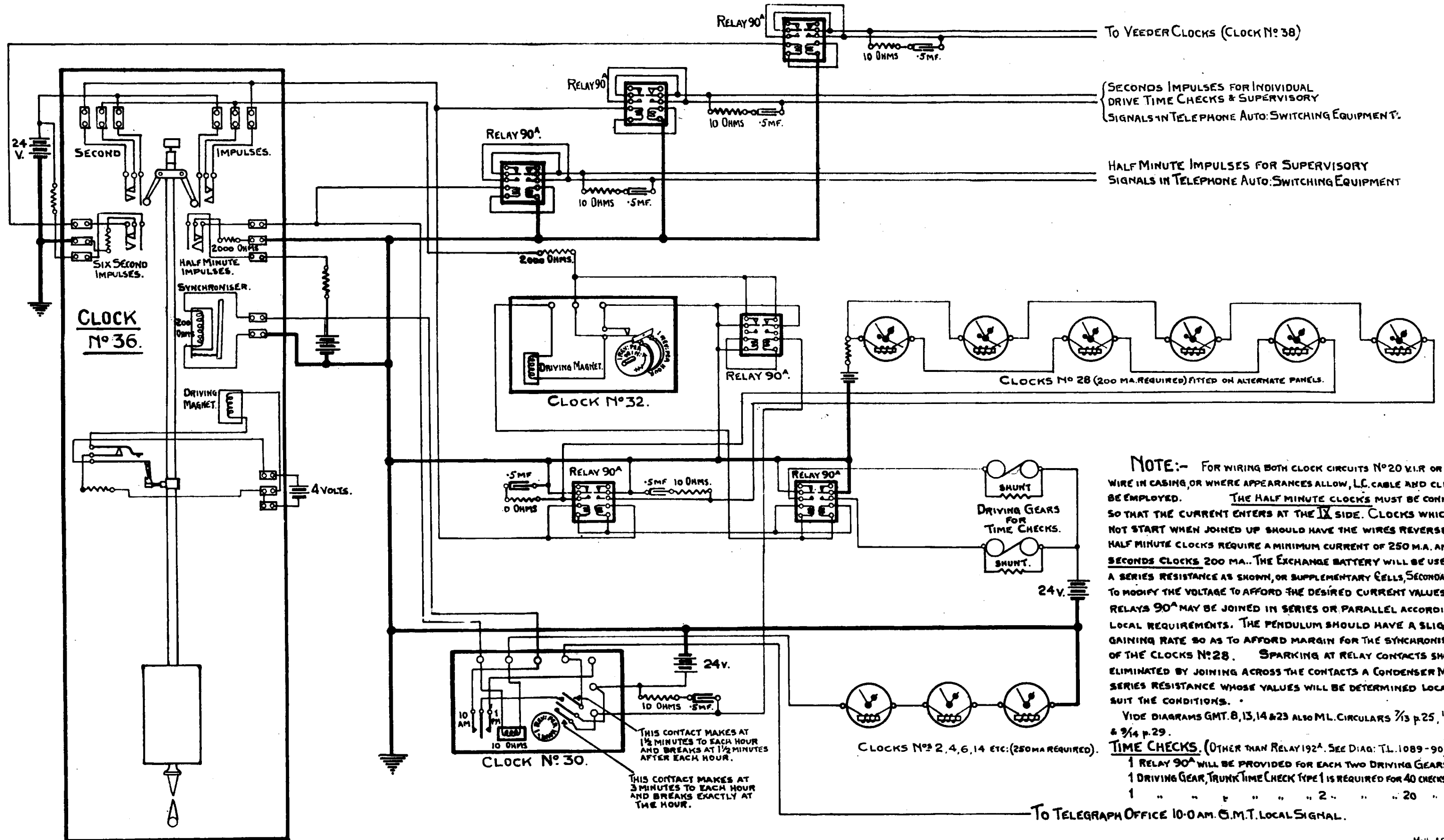


DISTRIBUTION OF GREENWICH MEAN TIME.

ELECTRIC CLOCK INSTALLATIONS FOR TRUNK LOCAL, & AUTO. EXCHANGES IN THE SAME BUILDING.



NOTE:- FOR WIRING BOTH CLOCK CIRCUITS No 20 V.I.R. OR 3/25 V.I.R. WIRE IN CASING, OR WHERE APPEARANCES ALLOW, L.C. CABLE AND CLEATS MAY BE EMPLOYED. THE HALF MINUTE CLOCKS MUST BE CONNECTED SO THAT THE CURRENT ENTERS AT THE IX SIDE. CLOCKS WHICH DO NOT START WHEN JOINED UP SHOULD HAVE THE WIRES REVERSED. THE HALF MINUTE CLOCKS REQUIRE A MINIMUM CURRENT OF 250 M.A. AND THE SECONDS CLOCKS 200 M.A.. THE EXCHANGE BATTERY WILL BE USED WITH A SERIES RESISTANCE AS SHOWN, OR SUPPLEMENTARY CELLS, SECONDARY PORTABLE, TO MODIFY THE VOLTAGE TO AFFORD THE DESIRED CURRENT VALUES. THE RELAYS 90^A MAY BE JOINED IN SERIES OR PARALLEL ACCORDING TO LOCAL REQUIREMENTS. THE PENDULUM SHOULD HAVE A SLIGHT GAINING RATE SO AS TO AFFORD MARGIN FOR THE SYNCHRONISATION OF THE CLOCKS No 28. SPARKING AT RELAY CONTACTS SHOULD BE ELIMINATED BY JOINING ACROSS THE CONTACTS A CONDENSER M.C. AND SERIES RESISTANCE WHOSE VALUES WILL BE DETERMINED LOCALLY TO SUIT THE CONDITIONS.

VIDE DIAGRAMS GMT. 8, 13, 14 & 23 ALSO M.L. CIRCULARS 7/13 p. 25, 11/3 p. 45 & 9/4 p. 29.

TIME CHECKS. (OTHER THAN RELAY 192^A. SEE DIAG. TL. 1089-90).

1	RELAY 90 ^A	WILL BE PROVIDED FOR EACH TWO DRIVING GEARS.
1	DRIVING GEAR, TRUNK TIME CHECK TYPE 1	IS REQUIRED FOR 40 CHECKS TYPE 1.
1	" " " " " 2	" " " 20 " " 2.