



### C. RECORDING AND SHOOTING CYCLE

The recording and shooting cycle was determined by the ship's traverse between predetermined shotpoint intervals. This time interval was set into a master clock (an interval timer which zeros and resets automatically) which controlled the recording and shooting sequence. Changes in ship's speed were compensated for at the master clock. The master clock, set into a Time Co-ordinator Unit, controlled an interval timer in the instrument room, which transmitted a loading and a firing tone to the shooting boat. Hifix readings were taken at the shot instant. A relay controlled by the instrument room counter caused a mark to be placed on the fathogram at the shot instant.

Two continuously recording fathometers were available on the recording boat, one on the bridge and the other in the instrument room. The latter was used during all recording. Lead line checks were made periodically. Lines were identified on the fathogram and every tenth shotpoint numbered.