



NAVIGATIONAL LIGHT
MONITORING PANEL



PROGRAMMABLE
FLASHER

NAVIGATIONAL AIDS

MARINE ELECTRIC SYSTEMS, INC., manufactures a wide range of electrical equipment and custom configures systems for monitoring and controlling navigational aids. Commercial and military vessels worldwide carry our equipment. A selection of system components which have broad application are presented here. Customized equipment is always an available option.

Marine Electric Systems Navigation Lights Monitoring Panel

This dependable unit has been designed to control and monitor all navigation lights aboard sea going vessels. It incorporates both visual and audible alarms. Heavy duty switches transfer illumination to either lamp in any light location. The panel is approved for all standard voltages AC and DC and meets the requirements of U.S. Coast Guard electrical engineering regulations..

NAVIGATIONAL AIDS

Galbraith-Pilot Marine Ground Fault Detectors

These units continuously monitor the condition of the insulation between AC power circuits and ground. Insensitive to high currents but very sensitive to low ground currents, the unit easily detects low current faults. Phase selection is used to pinpoint the line on which a ground fault has occurred.

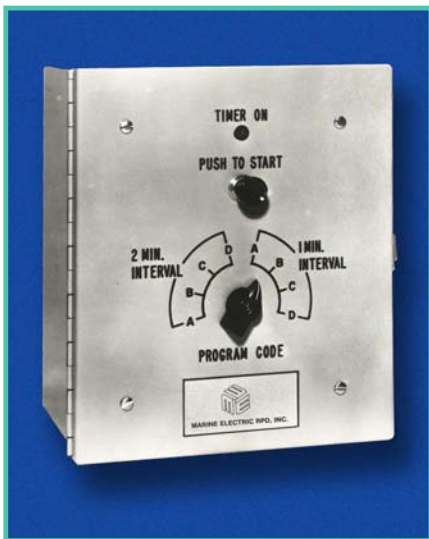
This U.S. Coast Guard approved system consists of a transducer, generating a DC voltage proportional to the ground current, a meter to read the ground current, and a phase selector switch to establish the faulted line together with a grounding resistor. When current flow is indicated on the meter, the switch is turned through each phase, thus deliberately introducing a one-tenth ampere ground current through each phase. the highest current reading thus obtained on the meter will show which phase is faulted.

Galbraith-Pilot Marine Whistle Programmers

Our programmer has been designed to satisfy Coast Guard and Inter-maritime Conference Rules on the Road for automatically sounding ship's whistles when visibility is restricted due to fog, mist or other weather conditions, day or night. Constructed for the marine environment the whistle programmer features moisture resistance, solid state circuitry housed in a rugged, drip proof enclosure. Push button start and auto-

matic program are included. The unit can be manually operated with an optional bridge hand switch or with a deck hand switch. Program lengths can be manually set by toggle switch or preset internally at the factory. 115AC, 50-60HZ input is standard.

Let *Marine Electric Systems* work with you to configure a monitoring and alarm system tailored to you specific needs. Our engineering team offers practical and technical experience that is yours to draw upon.



WHISTLE PROGRAMMER



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