MARINE ELECTRIC SYSTEMS, INC., is proud to introduce Galbraith-Pilot Marine® temperature monitoring and alarm systems. They are designed to indicate at a central location, temperatures at a variety of remote locations. Deviations, up or down, from preset temperatures trigger visual and audible alarms signalling a need for corrective action. These rugged and dependable systems have demonstrated proven performance on commercial and military vessels throughout the world but can be used wherever accurate temperature monitoring is required.

APPLICATIONS: Typical applications include temperature monitoring of:

- Liquids, gases, solids
- Machinery
- Cylinders and bearing
- Compressor discharge
- Turbo chargers
- Coolants and lubricants
- Reactors
- Refrigeration and air conditioning
- Molds and kilns
- Pipelines
Galbraith-Pilot Marine Signal Conditioner and Power Supply Type TRE for use with resistance temperature detectors. Type TTE for use with thermo-couples: Available in a Mil-E-24142 bulkhead mounted, splash proof enclosure, this unit is a compact and dependable method to convert the resistance temperature element (RTE) or thermocouple(TCE) into a continuous linear analog signal directly proportional to temperature. In conjunction with RTEs or TCEs it can be used to monitor the temperature of condensers, bearings, turbines, superheaters, reactors and a wide range of machinery.

Galbraith-Pilot Marine Machinery Temperature Monitoring Panel: This rugged panel is designed to provide central monitoring of up to ten remote RTDs. Its advanced circuitry is designed to withstand high humidity conditions and it is encased in a drip proof, sheet metal assembly.

Galbraith-Pilot Marine Temperature Monitoring and Refrigeration Alarm Systems: These systems are comprised of a continuous and parallel monitoring and alarm panel and remote resistance temperature detectors. The systems automatically convert the RTE output to a signal proportional to temperature. The temperature is then displayed on a meter or an alarm is sounded on the monitor. The system is custom configurable. It is ruggedly built with generously rated electronic components so it can perform under the most demanding environments.

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