

# IMACS

*Integrated Monitoring, Alarm and Control Systems*



**IMACS** is an **Integrated Monitoring, Alarm and Control System** for engines and machinery onboard ships. The system is comprised of Siemens PLC units in full redundancy, dedicated computers and field proven real-time monitoring & control software. The comprehensive system provides integration of on-board Power Management System, Tank Level indication, Anti Heeling and Loading program in addition to the incorporated standard Engine Monitoring and automation features. Shore-side back office version with offline data and fault analysis is also provided.

## ***Vessel Fuel Efficiency System Sizing and Configuration Questionnaire***

An IMACS “Fuel Efficiency” system installation on a vessel can be assessed in terms of effort and cost, based on a number of few key parameters, listed below:

1. Number of fuel tanks be monitored
2. Tank level gauging sensor preferred (pressure, bubble, radar, other)
3. Are temperature sensors required; if so, then how many?
4. How many flow meters required; relevant specifications (flow rate , pipe diam.)
5. Trim and list correction required (yes/no)
6. Any other sensors or monitoring functions potentially required

## ***Preliminary indicative quotation***

Based on the above outline information for any vessel application, an indicative quotation may be prepared within one week. We would be always ready and highly responsive to your investigating a potential IMACS installation to your vessels.