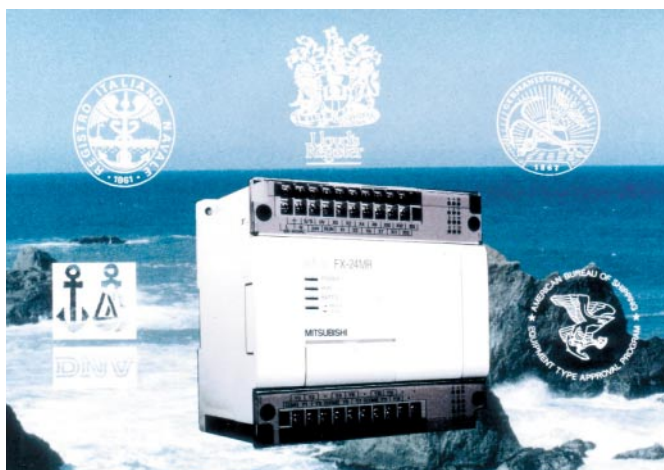


Industry: Transportation

Products Used: FX PLCs

Mitsubishi's PLCs go sailing

Five major shipping organisations have certified Mitsubishi's FX range of PLCs for sea going vessels and offshore applications, these being: The Lloyds Register (UK), ABS (USA), Germanischer Lloyd (Germany), DNV (Scandinavia) and RINA (Italy). With this necessary certification in place, Mitsubishi Electric can now offer the World's best selling PLC for sea going applications.



The marine engineering industry is set to be the new growth market for Mitsubishi Electric's compact, unit type, FX PLC Series. With over one million processors sold since its launch in 1992, the FX is already a success on land. Now with its new shipping standard approvals, engineers can specify it to monitor and control automated applications at sea.

Application story first released April 2000 by Mitsubishi Electric UK

The FX can provide an independent method of monitoring the ship's electronics. It can initiate alarms if part of the system falls, give warning signals if a navigation system exceeds its set limits, and even monitor voltage and current status of circuitry.

Processes on offshore rigs, such as drilling, are also suited to PLC control. Sequences can be pre-programmed and analogue sensors used to monitor and record progress. With space at an absolute premium offshore, the FX's compact size will be very popular.

Testing of the FX simulated all the conditions experienced on board seagoing vessels and offshore platforms. Its resistance to excess humidity, vibration, corrosion, changes in temperature and water ingress, all exceeded the most difficult of the standard requirements.

Now, all sectors of the marine industry can safely fit Mitsubishi's FX PLCs and be confident of their performance, no matter how harsh the environment.