

## **STEERING-JET SMART INDICATORS-ALARM PANEL-DATA LOGGER**

*The smart twin jet and steering touch screen panel will display the positions of the twin water jets and the position of the steering, the system will monitor the signal of each unit and will generate an alarm if the feedback unit has exceeded its normal range of travel. The feedback range and the scale of each indicator is programmable. The controller will provide an alarm and dry contacts to indicate out of range. Also, a rudder order can be integrated on the same screen.*

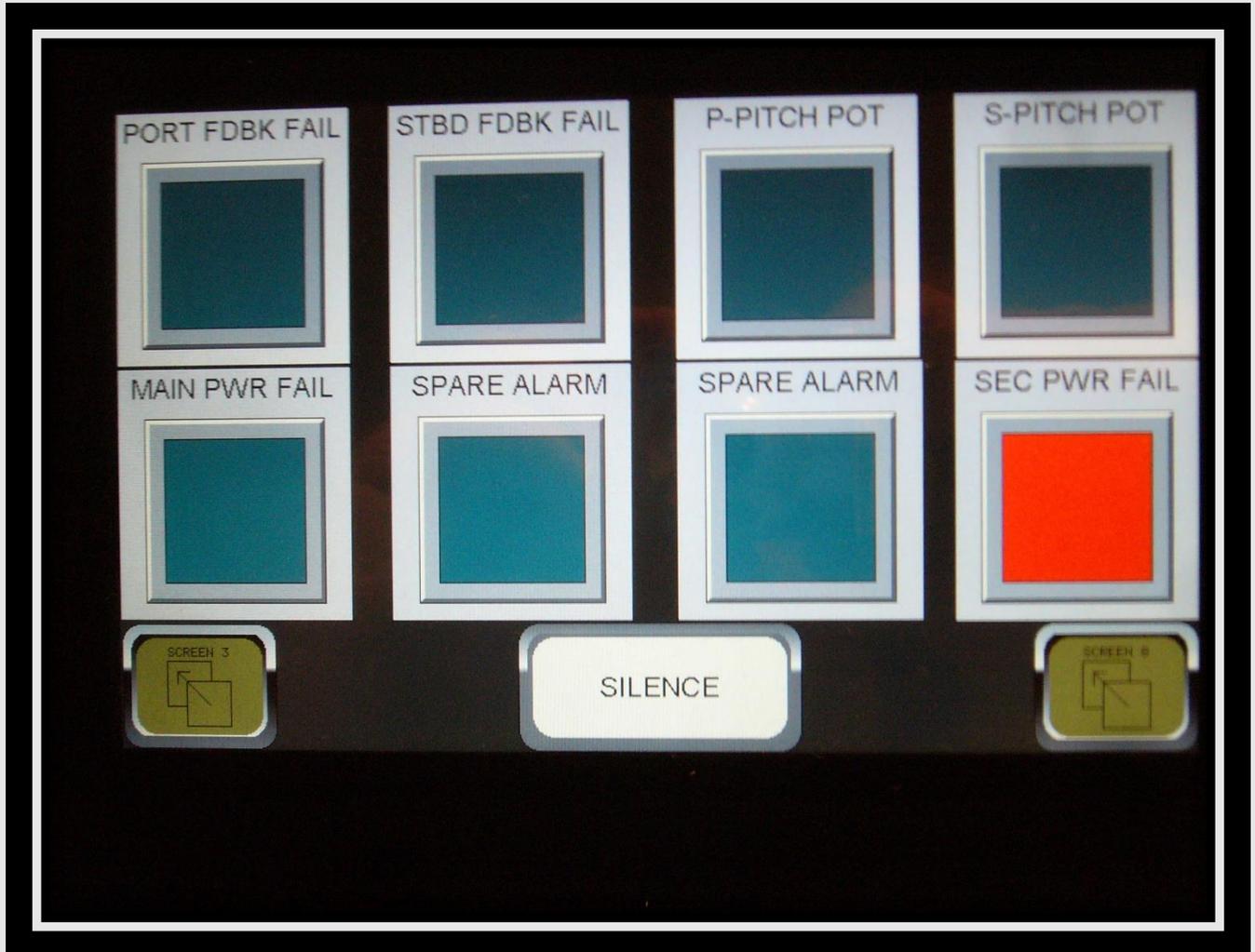
*Feedback signals can be in the form of 4-20 mA or 0 to 10 VDC.*

*The system will monitor the following alarm points, the buckets and the steering feedback positions, the system power, and two other points that are customer specified. The system will also display the status of the pumps and autopilot if monitored. Each alarm point or failure will be logged in real time on a Micro SD card.*

*The system can operate on 12 or 24 VDC and will provide dimming for night operation. Visual and sound alert will be provided for each alarm point and an external dry contact can be provided to control a horn, strobe light or to connect to the main machinery alarm system.*



The system can accept NC or NO signals from the monitored sensors. Lines can be monitored for wire break. Interlocks between the alarm points are also possible. The 7" touch screen panel has CE Mark, UL, ABS Type Approval and has NEMA 4X rating.



Above is an example of the alarms that can be monitored with this controller. The unit can also be installed in a steel enclosure if mounted in a harsh location. The panel can also be customized to suit your application.

One advantage of using this controller is the ability to display up to four indicators on one panel and to monitor each indicator operation and four other alarm points and make sure any failure or alarm is logged into its data logger.

Also, the scale adjustment and the stroke of the feedback units can be easily calibrated via one dedicated page on the touch screen controller. The position of the feedback unit is also shown on the calibration page which will make trouble shooting the feedback signal much simpler.



*The twin buckets, the steering and the rudder command can all be shown on one page of the controller, including the status of the pumps and autopilot. Once an alarm is triggered the system will automatically switch to the alarm page to show the source of the failure, once acknowledged the system will take you back to the previous page.*

*Please contact Sea-Tronics Services Inc. for more information about this product.*

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