

CONTROL PANELS AND DISPLAYS

# GUARD LEVEL® DAC



**BUILT IN DIAGNOSTICS AND REDUNDANCY PROVIDE MAXIMUM AVAILABILITY.**

175,000 CP STROBE LIGHTS AND 108dB HORMS.

INDEPENDENT HIGH LEVEL (HL) AND OVERFILL LEVEL (HHL) ALARMS FOR UP TO 8 TANKS.

**FAIL-SAFE SHORE CONNECT CONTACTS.**

BRIGHT YELLOW AND RED LONG-LASTING LEDS PROVIDE TANK ALARM STATUS.

SEPARATE 23A. 12V 14AH BATTERY 12V OPERATION AND ONE AS BACK-UP THROUGH SWAP SWITCH INSIDE THE CABINET.

**LOW COST, LOW POWER, DECK ALARM CABINET.**

AUTO-SHUTDOWN AFTER 24 HOURS PROTECTS BATTERIES.

SMALL SINGLE SOLAR PANEL AND FRAME INCLUDED.

ALL SS NEMA 4X ENCLOSURE.

GUARD LEVEL® Deck Alarm Cabinet (DAC) is a solar powered, energy efficient High Level (HL) and Overfill Level (HHL) alarm panel made for open deck mounting on board river and coastal tank barges. The sunlight-readable LEDs (amber and red) clearly show individual alarm status of up to eight cargo compartments. This energy-efficient design provides fail-safe shore-connect contacts and auto-shutdown after 24 hours protecting battery life. The alarm features piezo buzzers and strobe lights, as well as power fail warning for tank overfill protection.

A single 20W 12V solar array with independent 12V sealed lead acid batteries provide reliable power and all Intrinsically Safe barrier circuits. In case of system or power failure, tank loading operation can continue by switching the built-in bypass switch. When the bypass is switched, the alarm sensors are series connected and wired directly to the API receptacles.



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