

## Oil and Gas Platform Weather Stations

**Designed for Harsh Ocean Platform / Marine Environments**

Coastal's Platform Weather Stations are in use today in the North Atlantic, Gulf of Mexico, North Sea, Persian Gulf, and essentially every sea on earth. Customers include Shell, British Petroleum, Chevron, SeaTech, TRANSAS, and numerous resellers.

Built around the WEATHERPAK®, these systems are extremely rugged, accurate, reliable, and able to withstand the rigors associated with marine platform operation for many years.

Measurements can include:

- Wind speed and direction
- Dew point
- Pressure
- Temperature

Optional measurements:

- Visibility
- Cloud height
- Freezing rain
- Precipitation identification
- Precipitation amount
- Below surface measurements (current meter, etc.)

Software can be LINUX or Windows®.

The INTERCEPT® User Interface is simple to use and intuitive.



### Key Features

- *Reports a wide range of measurements to support operations including standard weather, aviation weather, and below surface parameters*
- *PASSES MIL-STD-461E for EMI and MIL-STD-810F for severe environmental conditions*
- *Built-in compass – automatically aligns to True North*
- *No-moving-parts ultrasonic wind sensor needs no periodic maintenance*
- *Can survive rough handling while providing accurate readings*



## Communication Options

- Ethernet
- IRIDIUM (Satellite communications that work from anywhere on the planet)
- GSM/GPRS/CDMA
- Radio for local or long-range communications

## Why choose Coastal's WEATHERPAK® solution?

Extremely rugged, WEATHERPAK® is constructed of 6061-T6 anti corrosive mil-spec aluminum. The electronics are hermetically sealed and will survive the harshest environments. WEATHERPAK® passes MIL-STD-461E (EMI) and MIL-STD-810F (extreme environments).

**Secure Display Software** – Add Coastal's INTERCEPT® software for easy browser-based data collection, computation and display. INTERCEPT® provides alerts and alarms, permission controlled data access via the World Wide Web, station polling and archives data.

**For aviation applications** choose Coastal's Aviation INTERCEPT® software.

Over 1,500 WEATHERPAK®s are used by commercial and military customers of all types worldwide. They are proven, flexible, rugged and reliable.

**Contact Coastal** for more information, full technical specifications, or to discuss an upgrade of your current platform system.



## INTERCEPT® Software



INTERCEPT® Software is built on an open source platform that will automatically gather, organize, archive and display data from all weather stations in the network. It is web-based so any number of users on the ship's LAN can view the data by using a simple web browser like Microsoft® Internet Explorer or Mozilla Firefox.

For more information, call  
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