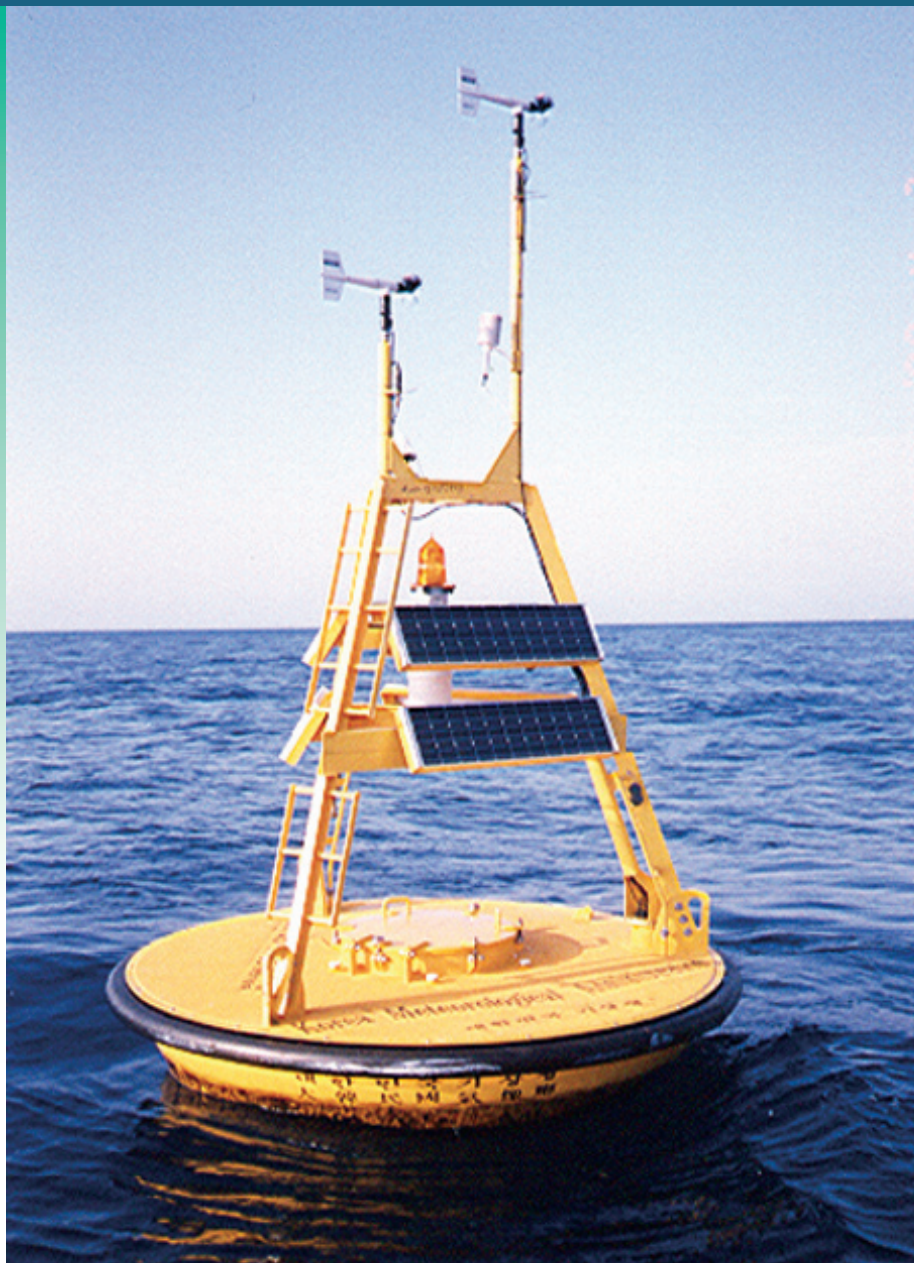
AXYS TECHNOLOGIES INC.

3 METRE BUOY

FEATURES & BENEFITS:

- Successfully deployed worldwide
- Easy to service
- Low operational costs
- Expandable to allow new sensors
- Supports variety of telemetry options
- Monitor and control from your office



The ideal data collection buoy for exposed coastal sites and open ocean.

3 METRE BUOY

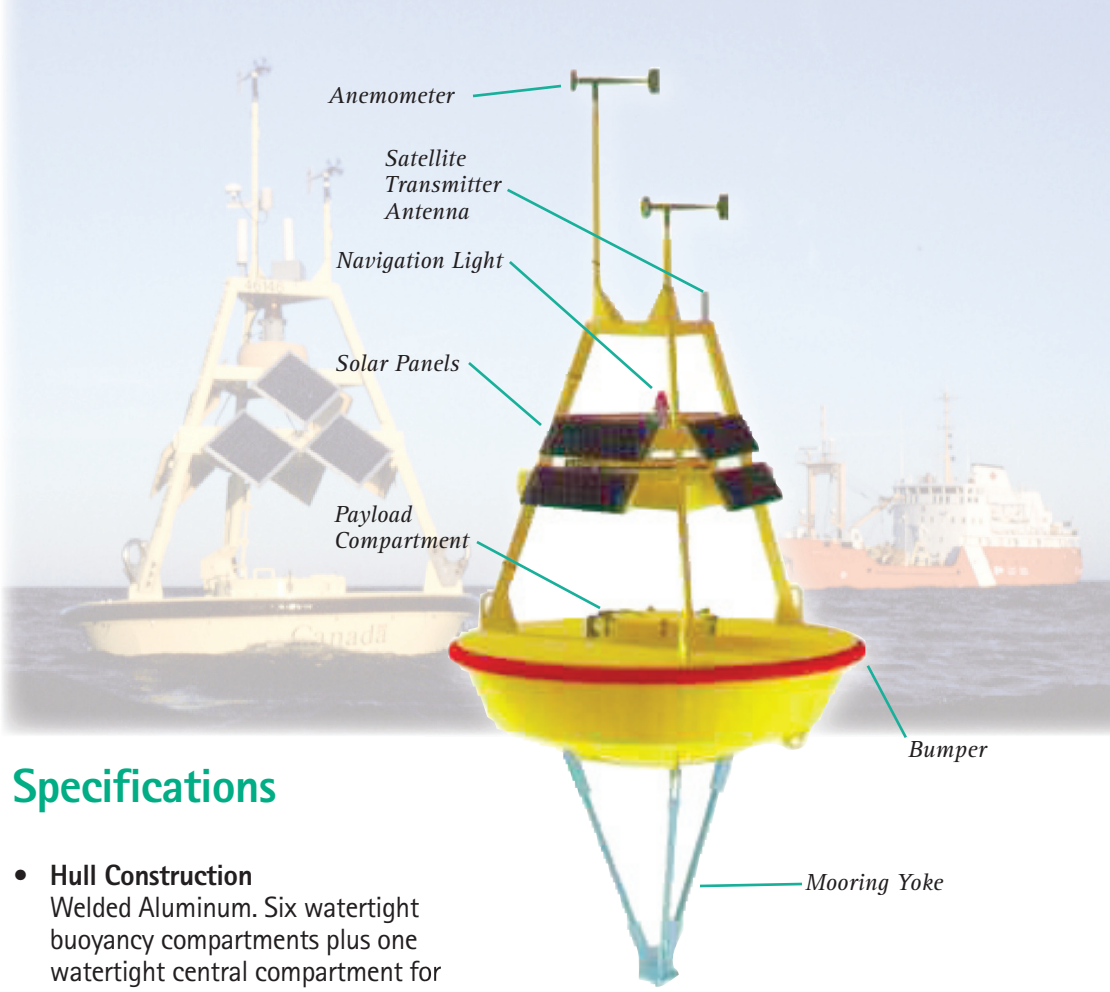
Setting the standard for operational performance

3 METRE BUOY

The 3M hull was originally designed at the Woods Hole Oceanographic Institute as a multi-purpose deep ocean platform for scientific research. It was later adopted by the U.S. National Weather Service, Canadian Atmospheric Environment Service for the meteorological and seastate monitoring stations in coastal areas and large lakes. It is ideally suited to long term deployments.

A full complement of meteorological and oceanographic sensors can be accommodated. Primary batteries, solar panels and rechargeable batteries provide power to operate transmitters to both polar orbiting and geostationary satellites simultaneously. Other radio transmitters may also be used. Sufficient power is provided for a navigation light that meets international regulations - an important feature for permanent buoy stations.

In addition to the standard 3 Metre Buoy, AXYS also customizes other hull and payload configurations for specialized applications.



Specifications

- **Hull Construction**
  Welded Aluminum. Six watertight buoyancy compartments plus one watertight central compartment for electronics, batteries and sensors. Aluminum superstructure and steel substructure are bolted onto the hull.
- **Finish**
  Marine grade epoxy.
- **Ballast**
  Chain; attached to the mooring yoke and mooring.
- **Weight**
  1500 kg
- **Dimensions**
  3m diameter x 3.4m high.
- **Mooring**
  Reverse catenary, chain, semi-taught, or false bottom.
- **Navigation Light**
  IALA standard lamp and automatic multiple bulb changer.
- **Electronics**
  AXYS WATCHMAN™ data aquisition and processing system.
- **Typical Sensors**
  Wind speed, wind direction, air temperature, barometric pressure, wave height, direction and period, compass.
- **Other Sensors**
  Solar radiation, ocean currents, turbidity, conductivity, radiometer, flurometer, nutrients, etc.
- **Telemetry Options**
  - GOES
  - INMARSAT C or D+
  - ARGOS
  - VHF/UHF
  - CDMA, GSM
  - IRIDIUM
- **Power**
  - Primary batteries
  - Solar supplemented primary batteries.
  - Fully solar powered
- **Position Conformation**
  GPS package indicates whether buoy is on-station.

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