

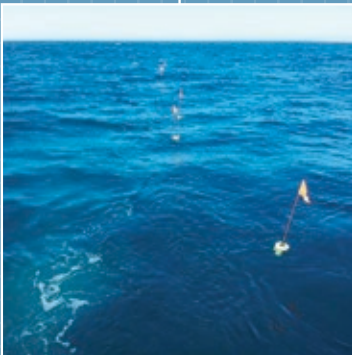
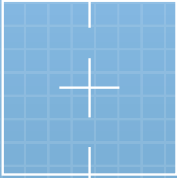
# Fastwave



## VOYAGER DRIFTER BUOY

### REAL-TIME DATA FOR

- Ocean current tracking
- Sea surface temperature monitoring
- Oil spill modelling and tracking
- Outfall and dredge plume tracking
- Maritime search and rescue operations
- Contaminant and debris tracking
- Coastal engineering studies
- Water quality studies
- Coral spawning studies



## FEATURES

- Global, near real-time, 2-way communication system transmits GPS position, sea surface temperature and battery voltage
- Design minimises wind influence and ensures close coupling with surface layer
- Long endurance - e.g. around 300 days @ 3 hourly reporting
- Re-useable
- User replaceable, long shelf-life, flyable D-Cell alkaline battery pack
- Robust, compact design – drop launch from up to 15m, air deploy with parachute
- Simple to deploy
- LED and vibration alert for on/off
- Remotely adjustable reporting interval (2min – 24hrs)
- Rapid response mode for oil spill tracking and search and rescue

## OPTIONAL FEATURES

- Additional sensor options, e.g. fluorometer, turbidity, compact weather station
- AIS enabled version for local vessel alerting and tracking
- Marker flag and strobe light to assist in recovery
- Compact drogue for sub-surface current tracking
- Parachute for airborne deployment
- Solar option for indefinite deployment
- Transport case

## VOYAGER DATA MANAGEMENT

The Voyager delivers data to Fastwave's secure servers, where it is de-coded and accessible through an on-line data management portal, or data can be delivered directly to client applications. The Fastwave management system enables clients to send commands to the Voyager to change reporting intervals or geofences to be set up.

## VOYAGER DRIFTER BUOY SPECIFICATIONS

Height Overall	660 mm
Diameter	250 mm
Approx. Weight	6 kg
Material	High Density Polyethylene (HDPE)
Power Supply	Alkaline D Cell Battery Pack (12 X D-Cell, 9V)
Communications	Iridium short burst data – Iridium Satellite & GPRS
Temperature Sensor Operating Environment	Water Temp: -2 to +65 degrees celsius
Operating Life	Around 2000 transmissions with fully charged battery pack

# Fastwave

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