

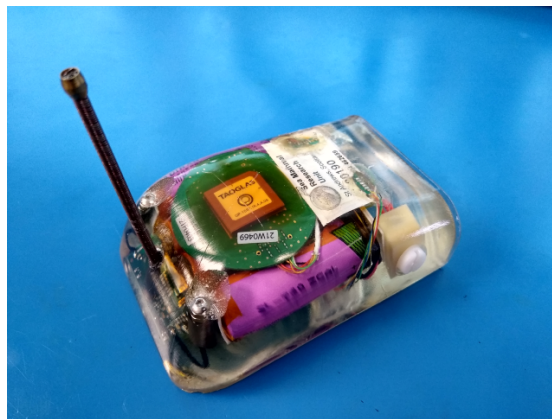
Capabilities

Need something a little different?

We have a diverse range of capabilities for unique applications. To list a few...

UHF

High resolution data from remote locations

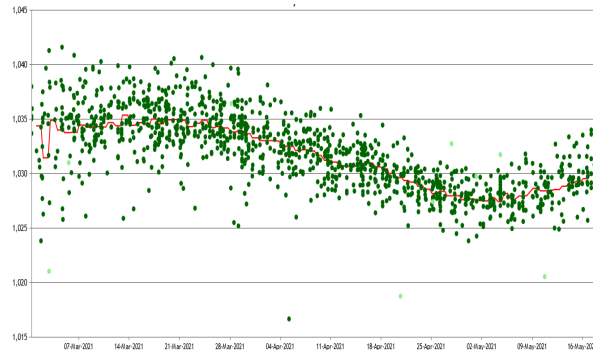


- Tag to base-station connectivity @930 MHz
- Typical 15 km range with Yagi antenna
- Data buffered pending transmission
- Data backhaul: Ethernet or Iridium
- Fastloc® GPS: Locations for nearly every surfacing
- Detailed dive/haulout data
- Depth: 14-Point Broken Stick
- 6 hour summary data (dive, surface, average depth, max depth)



Buoyancy

The physiology tag – body density



- 128 Hz accelerometer and 40 Hz depth sampling, 5 Hz oversampling
- Combined with pitch to determine speed/speed changes and glides
- Real-time data on body density generated by on-board algorithms
- Fine-detail data stored to flash memory
- Dive profiles, glides and body densities transmitted via Argos

Shark

Oceanographic tags - different species



- Towed tag with Fastloc® GPS
- Temperature and salinity up-casts
- Temp accuracy 0.005°C
- Conductivity accuracy typically within 5ms/cm
- Bespoke software for use with sharks
- User defined parameters to allow further tailoring for specific species

