PRODUCT DATASHEET

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Seiche
Marine Acoustic Solutions

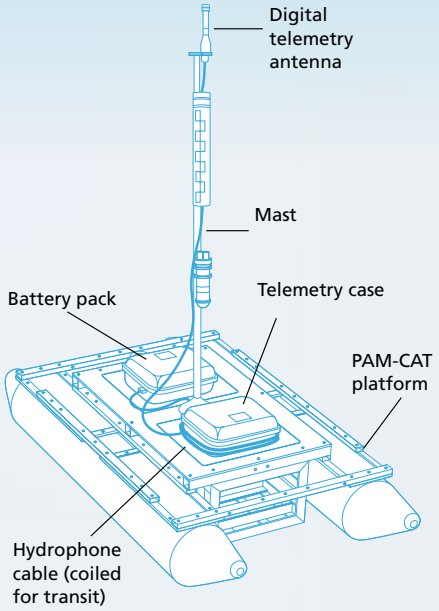
PAM-CAT – SHALLOW WATER ACOUSTIC MONITORING PLATFORM

DESCRIPTION

The PAM-CAT was specially designed for operations in challenging environments. It is a versatile solution well suited to areas of very shallow water and transition zones, such as in complex lagoon waterways. The rafts can be moored on a long term basis or towed behind a vessel.

The platform payload can include battery units, mast and antenna as well as transmission, processing and recording units. Solar power can also be added to enhance power options. It can incorporate the Seiche W-PAM system for real-time transmission back to a support vessel or shore based station. It can also incorporate Seiche DRS system to log data for offline analysis. The rafts can readily be packed and transported.

For set up of the PAM-CAT it is preferred to involve specialist Seiche technicians but a competent marine crew can deploy under guidance. Mooring is sourced locally, arranged on site and is costed separately.



APPLICATIONS

- Marine mammal mitigation
- Ambient noise measurement
- Sound source verification

CASE STUDY

Multiple PAM-CAT systems have been successfully deployed in complex tidal lagoons off the Arabian Peninsula since 2013. The platforms have been used for real-time mitigation to protect Dugongs during a shallow water transit-zone seismic survey. Data was also recorded and detections were made of these rare animals.

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