

RAPID ENVIRONMENTAL ASSESSMENT

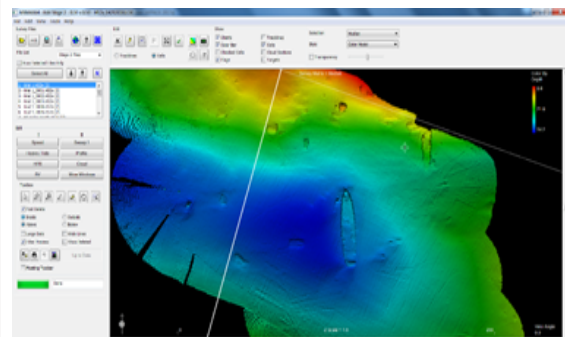
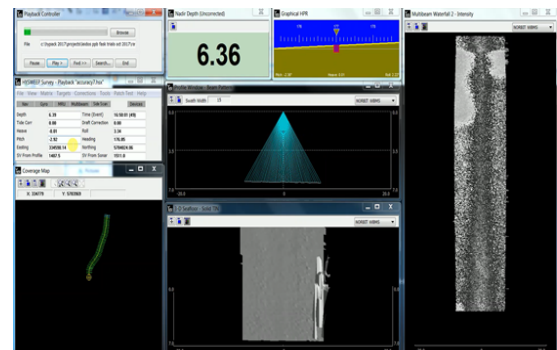
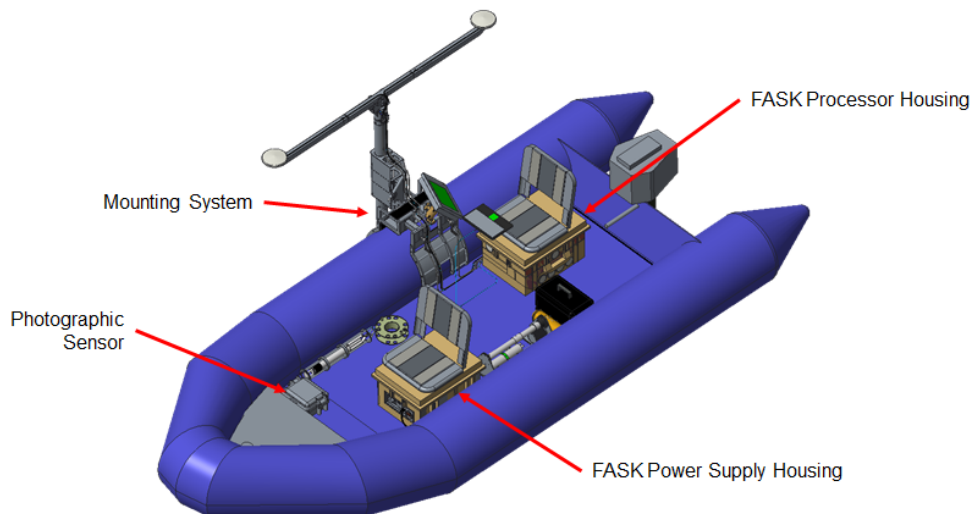
Maritime operations require the ability to collect and analyse underwater survey data quickly and efficiently to enable successful deployment, manoeuvre and entry to shore. Leidos has constructed the Rapid Environmental Assessment capability to provide highly deployable assets that capture high quality data to support the mission and safety of personnel and cargo in large ships and landing craft.

RAPID ENVIRONMENTAL ASSESSMENT

Rapid Environmental Assessment capability enables quick, primary underwater survey of remote or unknown locations, to assess terrain and suitability for large vessel manoeuvres and landing craft. The system surveys the ocean floor to detect obstructions, reefs or other elements that may impact a safe transit to shore.

Fly Away Survey Kit (FASK)

The Fly Away Survey Kit (FASK) is designed for fast deployment, in transit cases, to attach to a vessel of opportunity, such as a Rigid Hull Inflatable Boat (RHIB). It provides International Hydrographic Organization Order 1A quality surveys up to 30+m in multiple sea states.

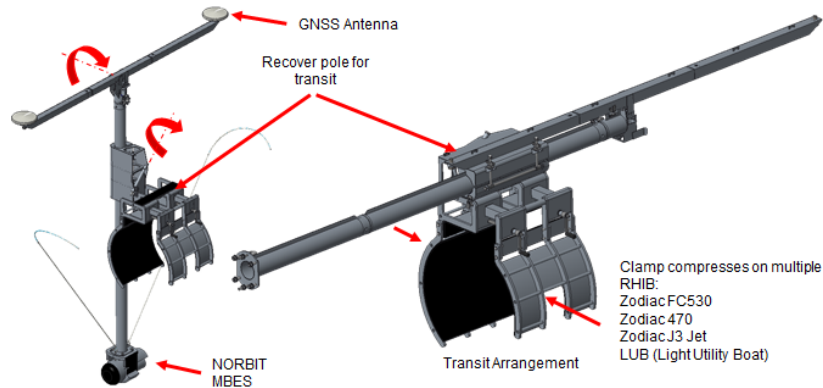


FEATURES

- › Multi-Beam Echo Sensor (Currently Norbit iWBMS)
- › GNSS Sensor System
- › Collapsible sensor deployment system to suit inflatable or thin walled vessel
- › 2 x Pelican cases containing control and computing system, power system (dual Li-Ion batteries) and cabling
- › Waterproof keypad and screen
- › Can include a Sound Velocity Profiler and Tide Gauge

FAK Mount

The FAK Mount System has a single hinge pole deployment and recovery mechanism, designed for purpose.



Survey Craft System (SCS)

The SCS Survey Craft is a 9.5m aluminium boat with moonpool and sensor attachments. It can provide International Hydrographic Organization Special Order survey quality data at 40+m and 1A at greater depths to 100+m across multiple sea states.



FEATURES

- › Transit at over 25 knots
- › Multi-Beam Echo Sounder
(Currently Teledyne Reson Seabat T20-P)
- › Single Beam Echo Sounder
- › Side Scan Sonar
- › Sub Bottom Profiler

Up to three Survey Craft can be carried on a Hydrographic Ship and deployed as required. The Survey Craft is deployable on its purpose built road trailer and air transportation via a C-17 aircraft.

FOR MORE INFORMATION:

Warren Jolly | Leidos Australia
Defence Business Development
53 Wentworth Avenue
Kingston ACT 2614, Australia
Office: +61 2 6269 0183 | Mobile: +61 428 414 382
Visit us online: leidos.com/australia

