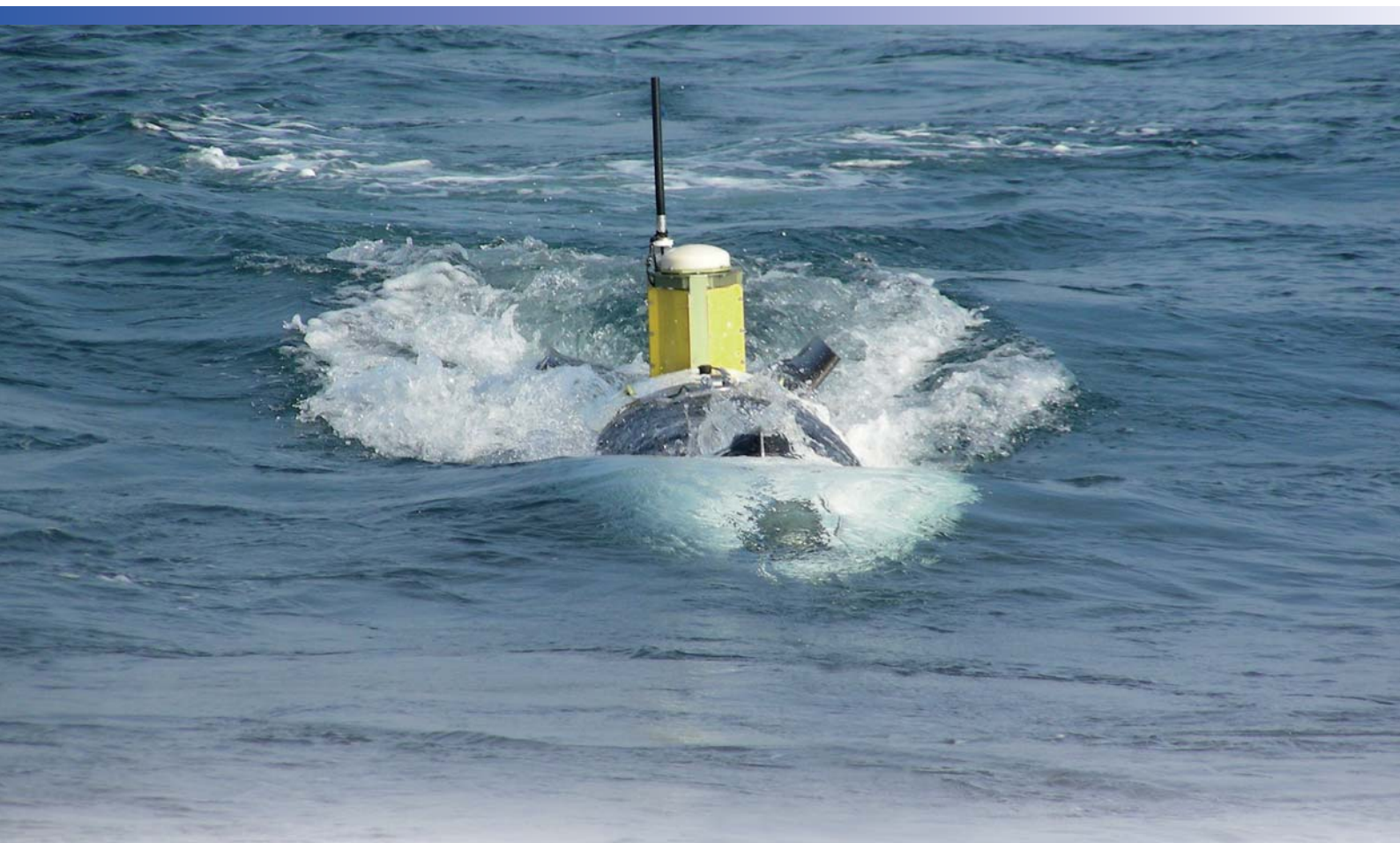




ALISTER 27

Multi-mission, long endurance A.U.V.



Typical Missions

- Hydrographic Survey
- High Resolution Seismic Survey
- Sediment Analysis
- Homeland Security
- Rapid Environment Assessment (REA)
- Intelligence Gathering - Covert Reconnaissance (RECCE)
- Mine Counter Measure (MCM)

Main Advantages

- Full suite of sensors working simultaneously
- High stability due to design architecture increasing acoustic sensors performance
- Operation from non dedicated vessels or coastal platforms
- Easy deployment for overseas missions (ISO containers transportation)
- User friendly mission management system for mission planning, simulation, monitoring and replay
- Flexibility of sensors payload

ALISTER 27

Multi-mission, long endurance A.U.V.

TECHNICAL CHARACTERISTICS

Platform

- Length : 5 m
- Weight in air : 800 - 1000 kg (*)
- Depth rating : 300 m
- Nominal speed : 3 knots
- Autonomy : 30 hrs@nominal speed
- Automatic Launch & Recovery System
- Retractable kiosk

(*) : Depending on configuration

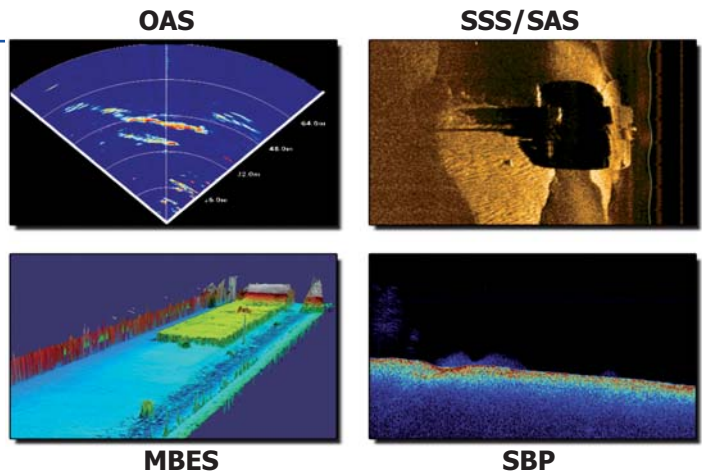
Payloads

- Side Scan Sonar (SSS)
- Synthetic Aperture Sonar (SAS)
- Sub Bottom Profiler (SBP)
- Interferometric Sonar
- Obstacle Avoidance Sonar (OAS)
- Multi-Beam Echo Sounder (MBES)
- CTD probe
- Video camera & search lights
- Acoustic camera

NOTE: The payload package can be adapted to customer requirement.

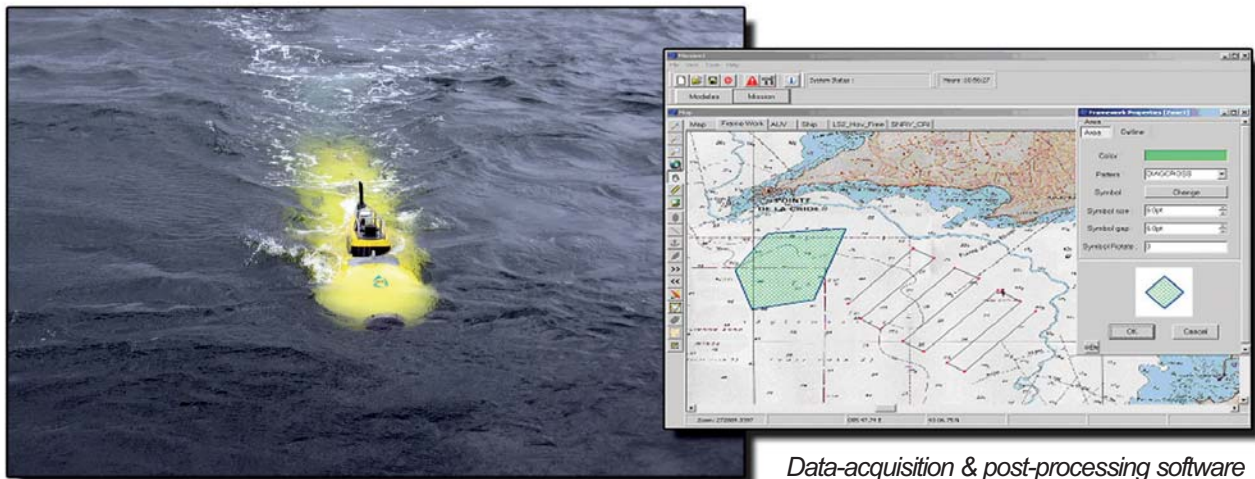
Navigation

- Inertial navigation system
- Doppler velocity log
- DGPS and navigation acoustic transponder for USBL or LBL



Mission control

- User friendly Mission Management System
- Mission planning, simulation, monitoring and replay
- Automatic guidance mode with waypoints
- Raw data storage and post-processing software
- Data, vehicle status, sensors data, tactical situation



Data-acquisition & post-processing software from TRITON Imaging Inc

ECA reserves the right to vary the specifications and details contained in this publication