



H U S H C R A F T

S E A - K I T



Shell OCEAN DISCOVERY XPRIZE

32 Teams from 25 countries

Prelimination phase

21 Teams from 13 countries

Round 1
Min. 100 km² in 16 hours
48 h of data processing
Max. Depth - 2000 m

Round 1
Technology Readiness Test

9 Teams in Final Round

now 7

Round 2
Min. 250 km² in 24 hours.
48 h of data processing
Max. Depth - 4000 m



G-SAVI (Global Situational Awareness Via Internet)

- G-SAVI was developed entirely from scratch, there is no other product on the market that can do the same thing.

Manageable information/systems

- Radar
- Thermal imaging
- Satellite AIS
- Chart software (tide/current overlays)
- CCTV
- Sound
- VHF AIS
- DSC Calling
- Depth profiling

Data Control

- Dynamic Frame rate adjustment
- Dynamic Bit rate adjustment
- HD/SD switching
- Low bandwidth control
- Sound monitor auto-switching

Global Data Management

- 3/4G Inmarsat and VSat Data splicing
- Data path prioritising (cost/quality/speed)
- Redundancy with Satellite comms
- Multiple WAN connectivity
- Remote access control via multiple satellite systems
- Optimising Satellite footprints



Other control systems are also used on board *Sea-Kit*, such as WiFi, 4G, 3G and Ship Controller.

The Ship Controller is a hand-held device that can be used to control *Sea-Kit* up to 1 mile, for easier docking of the vessel.

Operations and Testing

- Rigorous and thorough testing completed in Horten, Norway and Tollesbury, UK over 18 months
- Remote land station capable of being situated anywhere in the World
- All contingencies considered and mitigated
- Full real-time and historic monitoring of all systems available via internet browser by simply logging in
- Missions can be pre-planned, loaded in and executed at any time using unique software
- Multiple navigation modes, including direct control, mission execution and virtual anchor
- No single-point failures, numerous fail-safe incorporated

The Operators Perspective

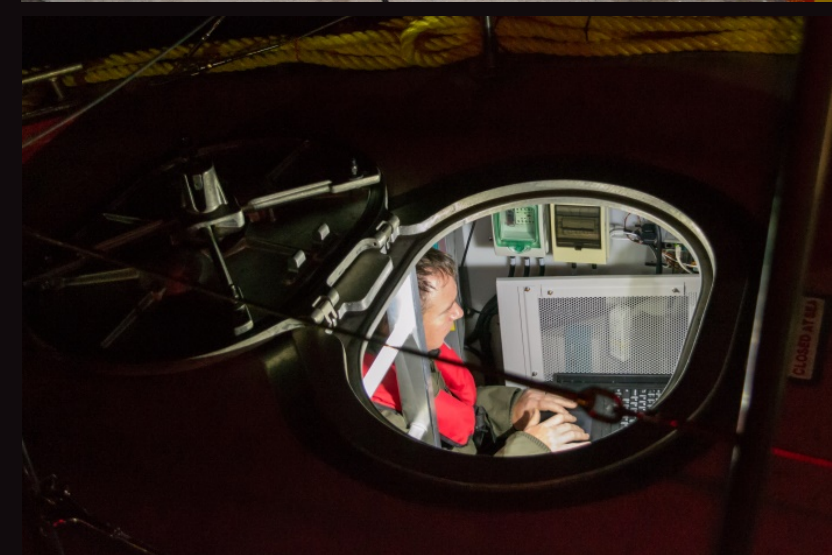


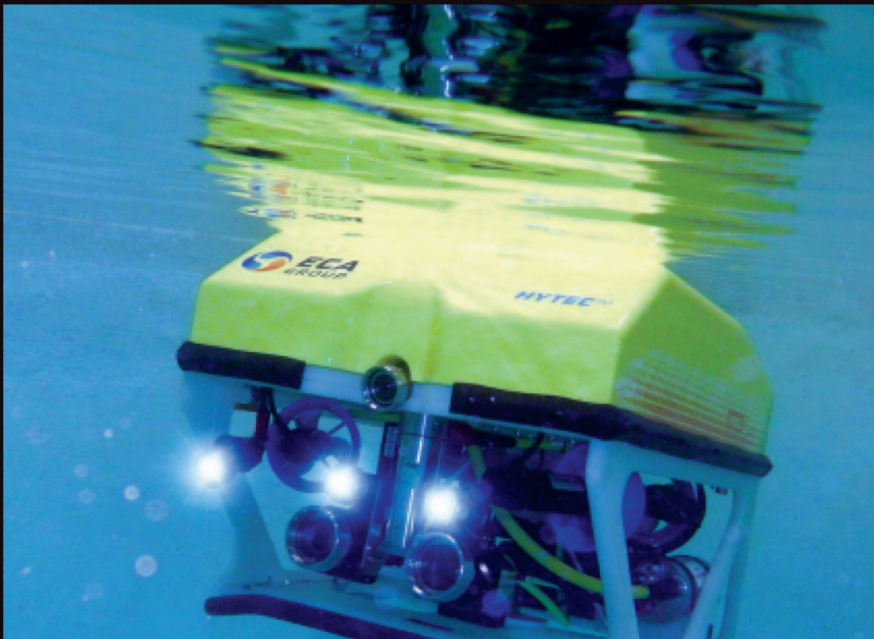


Shell OCEAN DISCOVERY XPRIZE

Final mission

NOV 9TH, 3AM LOCAL TIME





H800 ROV



SEA-KIT INTERNATIONAL



Thank you for your
attention
