Mobilization of HUGIN AUV on board RV G.O. Sars

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HUGIN
HUGIN 3000 AUV

- Topside system on host vessel:
  - Operator stations
  - Transceiver units
  - Transducer units
  - RF-link

- Autonomous Underwater Vehicle (AUV):
  - Sensor units
  - Control system
  - Payload system
  - Communication, RF, ethernet and acoustic
  - Battery system
  - Navigation system
  - Emergency system
Acoustic Command Link (ACL)

ADL LinkQuest modem
1999: Launch and Recovery System

2007: Special designed container

Launch and Recovery System
Container Weight With All Equipment: ~ 7100 kg
Container Weight Construction: ~ 4100 kg
Equipment Weight: ~ 500 kg
Stingray System Weight: ~ 2500 kg

Libra GRP door type HSC-T35
19" Rack 600x600x800
Aircooler MAY 90
19" Rack 600x600x1000
Crawford 542 2050x2050
The "stinger" is removed from container
The base for the “stinger” is fixed on deck. The base can be moved for clearance to the door.
The "stinger" is mounted on the base
Hydrophones for commands and data communication installed in drop keel.
eH-sensor attached to Hugin
Provisional cover for eH-sensor
Operator station
Samples of the data achieved by Hugin
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