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MAPTECH

# NEARSHORE SURVEY & ROV

## VESSEL | ASKHOLMEN



# M/V ASKHOLMEN

## SHIP DATA



### TYPE OF VESSEL

Survey and ROV Vessel

### SPECIFICATIONS

Flag: Swedish  
 Port of Registry: Gothenburg  
 Call sign: SIUD  
 Class: STA (SMA) A5  
 SE-A-50

### BUILDER AND DIMENSIONS

Builder: Kewatec Aluboot Oy, Finland  
 Date of Build: 2009  
 Hull no: 229  
 LOA: 21.4 m  
 Draught max: 1.2 m  
 Beam: 5.4 m  
 Gross tonnage: 62

### PERFORMANCE

Service Speed: 15 kts  
 Max Speed: 20 kts  
 Range (service speed): Approx. 200 nm  
 Fuel consumption (survey speed): 60 ltrs/h  
 Fuel consumption (max): 300 ltrs/h

### LIMITING WEATHER CONDITIONS

Always according to Master's decision.  
 Indicative limitations: Wind force 7 (Beaufort scale)  
 Sea state 3 (WMO sea state code)

### BUNKERS

Fuel: 3 m<sup>3</sup>  
 Freshwater: 0.3 m<sup>3</sup>

### MANNING

1 skipper + 1 mate, 2 surveyors,  
 Safety equipment for 12 persons onboard

### PROPULSION

Machinery: (2 x 550 kW) 2 x Scania DI16 42 m

### POWER SUPPLY

Diesel generators: IVECO 65 kVa &  
 Nanni Diesel 27 kVa

### DECK EQUIPMENT

Deck crane Palfinger  
 SWL 1 ton–8 m, winch SWL 2 ton–7 m, 37 m wire.  
 3 point mooring (anchors with rope winches)

### FREE DECK SPACE

2 x 10 ft Container (one with twistlocks) tot. 8 ton

### NAVIGATION/COMMUNICATION EQUIPMENT

Radar Sperry Vision  
 ECS Transas  
 GMDSS A2  
 Fleet Broad Band 500  
 EA 400

### ACCOMMODATION

4 beds (occasional)  
 Pantry  
 Mess room  
 2 Survey operator stations

### EQUIPMENT

**Primary Positioning System:** POS MV 320 with C-Nav C2, IALA and RTK option  
**Secondary Positioning System:** Crescent Hemisphere with IALA DGPS corrections  
**Multibeam Echosounder:** Hoist mounted Kongsberg EM3002D  
**Gyro/Motion Reference:** Applanix POS MV 320  
**Inertial Navigation System:** Applanix POS MV 320  
**Sound Velocity Profiler:** Valeport MiniSVS  
**Hull mounted Sound Velocity Sensor:** Valeport MiniSVS  
**Survey Navigation System:** QPS QINSy  
**Underwater Positioning USBL:** Pole mounted IXSEA GAPS  
**Side Scan Sonar:** Edgetech 4200MP 300/600 kHz  
**Sub-bottom Profiler:** Knudsen Pinger or Innomar  
**Boomer System:** Applied Acoustics Boomer  
**Sparker System:** Georesources Sparker 200  
**Magnetometer:** Geometrics G-882  
**Transverse Gradiometer System:** Geometrics TVG frame (2 x G-882)  
**Corer:** Gravity corer 3 m  
**Samplers:** Boxcorer/grabsampler  
**Video Inspection:** HD Drop camera, 50 m capacity  
**Inspection ROV:** Ocean Modules V8 SII