

MMT.SE
SWEDEN | NORWAY | UK



MARINE
MAPTECH

NEARSHORE SURVEY

VESSEL | SEABEAM



M/V SEABEAM

SHIP DATA



TYPE OF VESSEL

Survey Vessel

SPECIFICATIONS

Flag: UK
 Port of Registry: London
 Call sign: 2BGN2
 Class: MCA Work boat Cat 2

BUILDER AND DIMENSIONS

Builder: No Limit Ships B.V.
 Date of Build: 2006
 Hull no: 10
 LOA: 16.4 m
 Draught: 1.4 m
 Beam: 5.2 m

PERFORMANCE

Service Speed: 13 kts
 Max Speed: 15 kts
 Fuel cons.
 (survey speed): 800 ltrs/day

LIMITING WEATHER CONDITIONS

Always according to Master's decision.
 Indicative limitations: Wind force 7 (Beaufort scale)
 Sea state 4 (WMO sea state code)

BUNKERS

Fuel 6 m³
 Freshwater 0,6 m³ + Watermaker

MANNING

1 Skipper + 1 Mate
 2 Surveyors
 Safety equipment for 8 persons onboard

PROPULSION

Machinery: 2x Volvo Penta D9 500 bhp

POWER SUPPLY

24 V DC
 220 V Inverter (6 kW)
 22x Auxiliary engine (13.5 + 9.2 kW)

DECK EQUIPMENT

Working deck 20 m²
 Lifting gallows aft
 AGO CSW-7 towing winch
 Side mounted foundation for underwater equipment

NAVIGATION/COMMUNICATION EQUIPMENT

Furuno Radar NAVNet
 Raymarine autopilot
 Echopilot forward looking echosounder
 ECS Transas
 VHF (DSC)
 AIS, Navtex
 EPIRB
 VSAT
 Iridium satellite phone

ACCOMMODATION

4 beds (+1 occasional)
 Pantry
 2 survey operation 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: EM2040 Dual TX
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 (2x G-882)
Sampler: Grabsampler
Video Inspection: HD Drop camera, 50 m capacity
Inspection ROV: Ocean Modules V8 SII