The Fugro Seeker is purpose-built to carry out hydrographic and geophysical surveys safely in water as shallow as 2 m and wave heights up to 0.7 m. Designed for nearshore operations, this 12 m vessel easily accesses small harbours and marinas, and can be configured to sit on the seabed at low tide.

Quickly and easily configured to meet client requirements, with a top speed of 18 knots and the ability to operate up to 60 nm from port, the Fugro Seeker’s versatility enables it to be deployed at short notice across north-western Europe by sea or by road.

Facilities including a spacious working deck, communal and wet weather areas, toilet and galley enable the vessel to operate for up to 12 hours. The minimum crew is three, but the Fugro Seeker can comfortably accommodate crews of up to seven.

The Fugro Seeker is permanently mobilised with high-specification hydrographic and geophysical survey equipment as standard. The vessel has a large deck area with low open-stern freeboard, three winch beds with a 500 kg SWL A-frame, rigid survey arms and dedicated survey generators. Additional seismic, unexploded ordnance (UXO), remotely operated vehicle (ROV) and environmental payloads can be accommodated with ease.
## FUGRO SEEKER

### Technical Specifications

#### Vessel Particulars

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Catapult 396</td>
</tr>
<tr>
<td>Length overall</td>
<td>12.00 m</td>
</tr>
<tr>
<td>Beam</td>
<td>4.88 m</td>
</tr>
<tr>
<td>Maximum draught</td>
<td>1.07 m</td>
</tr>
<tr>
<td>Licence</td>
<td>MCA CAT 2</td>
</tr>
<tr>
<td>Gross tonnage</td>
<td>17 t</td>
</tr>
<tr>
<td>Year built</td>
<td>2012</td>
</tr>
</tbody>
</table>

#### Safety

- Maximum safe carrying capacity: 12 persons
- Operational pattern: 12 hrs
- All equipment certified to Maritime and Coastguard Agency (MCA) SCV2 standard

#### Navigation Equipment

- Simrad NSS12 evo3 plotters: 3
- Simrad AP70 autopilot: 1
- Simrad broadband 4G radar: 1
- DSC VHF ship-to-shore radios: 3
- Class A AIS NAVTEX: 1

#### Deck Equipment

- A-frame 500 kg SWL 2.4 m clear height: 1
- Winch beds: 3

#### Survey Equipment

- Teledyne RESON SeaBat® 7125-SV2 multibeam echosounder
- EdgeTech 4125,4200 or 4205 tri-frequency side scan sonar
- Innomar SES-2000 parametric, Standard, Medium or Quattro sub-bottom profiler
- Sonardyne Ranger 2 or Applied Acoustics Easyntrak Nexus ultra short baseline
- Applanix POS MV OceanMaster v5
- G882 magnetometer soft or armoured tow
- Fugro Miniwing fixed gradiometer with up to four magnetometers
- UHR seismic/boomer/mini-airgun sources, up to 100 m streamer
- Observation class ROV (Saab Seeye Falcon or Tiger)
- Various environmental camera and sampling options

#### Propulsion

- Iveco NEF 450 main engines: 2
- Twin disk gear boxes: 2
- Westerbeke marine 5.7 kVA generators: 2
- Service speed: 15 kn to 18 kn

#### Working Conditions

- Deck space: 5.9 m × 4.8 m
- Spacious and clear working deck
- Large comfortable communal area

#### Accommodation

- Galley
- 100 L freshwater
- Wet weather area
- Toilet

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Fugro Miniwing deployment

Falcon Seeye ROV deployment