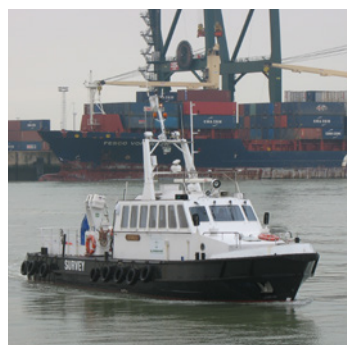


# URANUS

Survey & Support Vessel



GEOMATICS ENGINEERING SOLUTIONS



## SUPPORT ACTIVITIES / VESSEL CAPABILITIES

- Site investigations
- Geophysical surveys
  - multibeam
  - singlebeam
- Cable & Pipe route surveys
- Wreck investigations
- Environmental surveys





### TECHNICAL SPECIFICATION

#### General

|                |                               |
|----------------|-------------------------------|
| Name           | URANUS                        |
| Classification | 15 miles (zone A1)            |
| Built          | 1981 by Schottel Warmond (NL) |
| Hull material  | Steel                         |
| Port / Flag    | Zeebrugge / Belgium           |
| Call Sign      | PBYS                          |
| MMSI           | 245506000                     |
| Type vessel:   | Seagoing Survey Vessel        |

#### Dimensions

|                |         |
|----------------|---------|
| Overall Length | 19,19 m |
| Width          | 4,27 m  |
| Draft          | 1,34 m  |
| Gross Tonnage  | 39 Tons |

#### Accommodation

|                    |                                 |
|--------------------|---------------------------------|
| Cabins             | 4 berth cabin / Galley / Toilet |
| Licensed for       | 3 crew                          |
| Electrical Systems | 380 volt / 220 volt             |

#### Machinery

|                |                                    |
|----------------|------------------------------------|
| Main engines   | 2x Dorman SP6LTD7                  |
| Propulsion     | Twin fixed Propellers              |
| Power output   | 2x251KW                            |
| Cruising speed | 12 knots                           |
| Deck Crane     | Kabola 49KW /15t/m                 |
| Generators     | 2xLombardi LDV2204<br>19KvA / 16KW |

#### Tank Capacities

|             |                       |
|-------------|-----------------------|
| Fresh Water | 300 ltr               |
| Fuel        | 2x1250 ltr 1x2500 ltr |

### Control and navigation

|               |                                   |
|---------------|-----------------------------------|
| Radars        | JRC JMA 5110<br>Alphatron JMA 607 |
| GPS Navigator | Simrad GN33                       |
| Echosounder   | Koden CVS-106                     |
| AIS           | Raymarine 950                     |

### Communications

|                    |                              |
|--------------------|------------------------------|
| VHF                | Sailor RT5022<br>Skanti 3000 |
| Emergency handset: | GMDSS MC Murdo               |
| Navtex             | LO Kata                      |

### Safety

|                       |                        |
|-----------------------|------------------------|
| Liferafts/Lifejackets | 2xViking 6DK 6 Persons |
| EPIRB                 | Mc Murdo E5 smartfind  |
| Lifejackets           | 6xSKB                  |

### Survey Equipment

|                |   |
|----------------|---|
| Sounding/MB    | Kongsberg EM3002 dual head MB                         |
| Sounding/SB    | Odom CV200 – 210/33 KHz                               |
| Heading/Motion | Applanix Pos/MV 320 attitude sensor                   |
| Positioning    | Septentrio PolaRx3e dGPS receiver                     |
| Soundvelocity  | Odom Digibar sound velocity probe<br>Valeport MiniSVS |
| Software       | QPS Qinsky acquisition computer system                |
| Electric       | Two generators and UPS                                |