



110,6 M OCEANOGRAPHIC RESEARCH VESSEL REFIT SCHMIDT OCEAN INSTITUTE

MAIN PARTICULAR

| | |
|--------------------|---------|
| Length over all: | 110,6 m |
| Length bpp: | 97,80 m |
| Beam.: | 20,00 m |
| Depth to main deck | 9,80m |
| Design draft: | 6,00 m |

COMPLEMENT

| | |
|---------------------------|----------------|
| 38 crew and 61 passengers | 99 p. in total |
|---------------------------|----------------|

CLASS NOTATION

DNV ✕ 1 A1, SF, E0, DK (+), NAUT-OSV (A), CLEAN DESIGN, ICE-C

SPEED (MAX.)

13 knots

ENDURANCE

15 days

DIESEL-ELECTRIC PROPULSION

2 x Voith propeller 36R6 EC/300-2 6 blades Ø 3600mm
6 x "MAN" 9L21/31 1800 kW/900 rpm generator sets
1 x Azimuth thruster "Rolls Royce" Ulstein Aquamaster UL20010P 1400 kW
2 x Bow thruster "Rolls Royce" Kamewa Ulstein TT2400DPNCP 1350 kW

HYDROACOUSTIC

Deep water multibeam sonar:
1 x EM 712, 0.25° x 0.5° KONGSBERG
Multibeam probe for medium waters:
1 x EM 124, 0.5° x 1° KONGSBERG
Shallow water multibeam sonar:
1 x EM 2040-04 KONGSBERG
Multifrequency echo sounders:
EK 80 (18,38,70,120,200,333kHz)
Scientific Echosounder: EA 640 12 kHz
ADCP EC 150-3C
ADCP Teledyne (38,75,300kHz)
Sub-bottom profiler SBP 29
SU94 retractable sonar
USBL Hi-PAP 500/ Hi-PAP 602
Remotely Operated Vehicle (ROV) 1 x 4500 m

CARGO GEAR

1 x TTS 150 ton loading crane
3 x Palfinger loader crane PK32002 M
1 x Stern A-Frame folding gantry FERRI 28 tons
1 x MacArtney winch MERMAC R30C 90 kN
1 x MacArtney MASH 1000 53kN CTD winch
1 x J CTD Frame Steen 3.2 tons
1 x Workboat davit FERRI 8 tons

