



RV LUDWIG PRANDTL, technical details

Owner: GKSS FORSCHUNGSZENTRUM GEESTHACHT

Managing Owner: RF FORSCHUNGSSCHIFFFAHRT
GMBH, BREMEN

Call sign: DAOH

Classification: GL 100 A5K "Research Ship" + MC AUT

IMO No.: 8332320

Built: 1983 at Heinrich Grube - Hamburg

Total conversion: 2001/2002 at SET – Werft Tangermünde

Basic dimensions: Length o.a.: 31,03 m, Beam: 6,25 m,
Draught: 1,65 m, BRZ 171, NRZ 51, Service speed: 11 kn

Personnel: Crew: 2

Main engine: 2 engines MAN Typ D2842 LE mit je 375 Kw

Antriebsanlage: 2 Schottel Rudderpropeller Typ SRP 200,
1 Schottel Pump-Jet Typ SPJ 57

Generatoren: 3 Generatorsets, 2 of them air cooled, Total
capacity 258 kVA

Ship's network: 400 / 230 V, 24 V G. C., the 230 V Labor
net is stabilised.

Bunker capacity: 20 to Gas oil, 4 m³ fresh water

and back indicator , gyro-compass; magnetic compass,
shallow water echo sounder; dynamic positioning.

Scientific equipment: shallow water echolot Simrad EM
3000 for surveys; ADCP; Parametric echolot; Ashtech
Positioning; data logging system.

Laboratories: combined dry and electronic lab for data
evaluation with 4 to 6 places for scientists

Lifting gear: A frame, side gantry, single wire winch 6 mm /
40 m, main crane Palfinger SWL 0,99 to

Nautical equipment: 2 Radars; DGPS; 2 x UKW; D1-Net
Telephone/Fax, weather chart recorder; video plotter; turn

