



Surveyboat 'Geo Explorer'

Classification / Flag / Registration

Vessel name	Geo Explorer
Flag	German
Call Sign	DC3557
Sign	HST-BE 335
Port of registry	Stralsund (Germany)
Built	2018
Builder	Coenen

General dimensions

Length overall	7,00 m
Breadth overall	2,50 m
Draft	0,40 m
	0.70 m with lowered MBES

Survey equipment

Multibeam/MBES	2x Norbit WBMS X
Sidescan Sonar/SSS	C-max
Gyro/Motion reference	SBG Ekinox
Hydrographic software	BeamworX NavAQ
Subbottom Profiler/SBP	Innomar SES 2000 light
RTK-GPS	Septentrio ObeLx-R
Singlebeam/SBES	EA440 - Kongsberg

Navigation

Radar	NSS 9 EVO3
VHF	SIMRAD / AIS Radion RS90
VHF	SIMRAD RS 20
AIS	Simrad V5035 Class A
Boardnet	24V / 230V

Speed

Max. speed	25 kn
Survey speed	8 kn

Safety

Life raft	1 for 5 persons
rescue west	for 3 persons
EPIRB	
PSA	with emergency light and AIS crew finder

Machinery / Propulsion

Main engines	Suzuki 2 x 44 kW
Power Source	LiFePO4 Smart BMS

Weather Limit

H _{sig} [m]	0,5
----------------------	-----

Our company is certified acc. to ISO 9001, 14001 and 45001

Geo Ingenieurservice Nord-West GmbH & Co. KG
Harlestraße 2, 26452 Sande / Germany

www.geogroup.de
Phone +49 4422 507 40-70