

R.V. Dreissena Factsheet

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Identification

Name ship : R.V. Dreissena
Vessel type : Research Vessel
Owner : University of Amsterdam
Y-registration : 78-39-YV
Callsign : PA3249
AIS MMSI : 244140369
HIN number : NL-SLBP7504G717

Ship particulars

Built year : 2017
Shipyard : Stormer Marine (Amsterdam)
Type : Porter 75
Length : 7,60 m
Beam : 2,85 m
Water draft : 0,55 m
Air draft : 2,70 m
Weigth : 2 T
Capacity : max 10
Engine : Yamaha 150 HP outboard (F150DETX) 63P-X-1183882
Bow thruster

Contact information

Phone on board : +31(0)6-11727672
VHF marine radio : callsign PA3249
Contact : H. van der Geest, University of Amsterdam
Department of Freshwater and Marine Ecology
Science Park 904, 1098 XH, Amsterdam, Netherlands
Office : +31(0)20-5257721 ; cellphone +31(0)6-53781162
E-mail : H.G.vanderGeest@uva.nl
<http://www.markermeer-onderzoek.nl>

EQUIPMENT

Boat, deck and safety equipment

Communication :	2 x Raymarine VHF marine radio Ray50 Raymarine AIS 650 dual channel receiver Mann Zug S on board cellphone
Navigation :	Raymarine eS75 MFD Navionics nautical charts Netherlands
Power :	Photovoltaic cell (100 W) Gel Battery 220 V EU plugs 500 W / 12 V / USB 5V charger
Personal gear :	10 x Mullion 275N Safety Jacket with harness 10 x Mullion Floatation suit Aquafloat superior 2 x Safety line
Safety :	Set distress signals and flares Personal Locator Beacon McMurdo FastFind 6 x survival bag First aid kit Lalizas Life link sling
Visual :	2 x Bynolyt searanger III (7x50) with compass
Anchoring :	Fortress anchor FX11 Umbrella rear anchor Anchor sign

Research equipment

Sediment samplers :	Uwitec Gravity corer with hammer action Ekman grab sampler SeaBed 2L van Veen grab
Water samplers :	Hydrobios Niskin bottle Aqua Jet Pump 19 L/min continuous flow
Plankton samplers :	NHBS phytoplankton net (53 µm) NHBS zooplankton net (250 µm)
Macrofauna samplers :	NHBS macrofauna net Endecotts sieves (1, 3, 5,6 mm) On board sieving installation
Macrophyte sampler :	Double rake with line (design from hydrobiologisch handboek)
CTD :	Hydrolab minisonde pH, EC, turbidity, [O2]
Mapping :	Hummingbird 360 imaging sonar Humminbird side imaging sonar Humminbird Autocharts Live 5 x underwater quadrants GoPro underwater camera
On board PC :	Fieldworks DURABOOK R13S
Scuba :	2 x 12 L scuba tank 2 x underwater flashlight 5 x writing slate
Visual :	2 x Bynolyt searanger III (7x50) with compass
Cooler :	Igloo marine Glide 104 L
Lifting :	2 x Davits arm with 6 hooks
Storage :	6 x aluminium transport boxes (40x60x30 cm)
Books :	Field guides Birds, Fish, Macrofauna, Macrophytes