

SHIP
PARTICULARS

SVITZER ECOTUG®



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PRINCIPAL PARTICULARS

Builder	Western Baltija Shipbuilding
Hull number(s)	901, 902
Classification society	Lloyd's Register
Class notation	100A1, Tug, Fi-Fi 1 with water spray LMC, UMS, IWS, EP (A, N ₃ , S, O)
Flag authority	Faroe Islands
Design speed	12.5 knots
Design bollard pull	65 t
Accommodation	4 cabins, 5 berths

MAIN DIMENSIONS

Length o.a.	30.80 m
Breadth (mld)	11.00 m
Depth (mld)	5.70 m
Design draft	3.90/4.60 m
Scantling draft	4.25/4.95 m
Gross tonnage	433
Deadweight	176.3 t
Deck loading	5 t/m ²

CAPACITIES

Fuel oil	224 m ³
Lub oil	10 m ³
Fresh water	24 m ³
Ballast water	56.7 m ³
Foam	14.7 m ³
Black water	3.2 m ³
Grey water	6.6 m ³
Bilge	3.7 m ³
Urea	14.4 m ³
Sludge	4.9 m ³

CONTACT

SVITZER
Pakhus 48, Sundkaj 9 · DK-2100 Copenhagen Ø · Denmark
Tel. +45 3919 3919 · info@svitzer.com · www.svitzer.com

MACHINERIES

DIESEL GENERATOR SETS

Number	3
Manufacturer	Wärtsilä
Model	8L20
Rating (MCR)	1600 kW
Speed	1000 RPM
SCR	On all engines
Particulate abatement	On 1 engine
Compliance	IMO Tier 3

PROPULSORS

Type	Azimuth thrusters
Number	2 / FPP
Manufacturer	Schottel
Model	SCD 1515
Propeller diameter	2600 mm
Speed	700 RPM
Motor rating	2100 kW

BOW THRUSTER

Number	1
Manufacturer	Schottel
Model	STT 110
Propeller	790 mm dia. / FPP
Nominal input power	190 kW
Nominal input speed	1470 RPM

HARBOUR GENERATOR SET

Number	1
Manufacturer	Nordhavn
Model	Sisu 49DTAG 95 kW
Rating	80 kW/100 kVA
Speed	1500 RPM
Compliance	IMO Tier 3
Noise insulating box	Yes

ELECTRICAL

Main supply AC	690V, 50Hz/3 phase
Shore connection	63A, 400V, 50Hz, 4-wire
Transformer	2 x 690/230V

EQUIPMENT

TOWING

Winch fwd	70 t @ 12 m/min
Winch aft	32 t @ 12 m/min
Tugger winch	10 t @ 10 m/min
Towing hook	No
Capstan	No
Gob eye	No
Shark jaw	No
Stopper pin x 2	10 t SWL

NAVIGATION & COMMUNICATION

Magnetic compass	Yes
Gyro compass	No
Satellite compass	Yes
GPS	Yes
Radar 1	Yes, 3 cm
Radar 2	Yes, 10 cm
Echo sounder	Yes
Auto pilot	Yes
GMDSS area	1
AIS	Yes
SSAS	Yes

SUPPORT

External fire fighting	Fi-Fi 1
Deck crane	Fixed Hook: 4 t @ 2 m Winch: 1 t @ 8.4 m
Rescue boat	Yes