

EQUIPMENT SHEET

BOKA PERSEUS

DEEP WATER ANCHOR-HANDLING TUG
SUPPLY VESSEL



CONSTRUCTION / CLASSIFICATION

Year of built	2015
Classification	DNV GL
IMO	9495222
Flag	Malta
Port of registry	Valletta

FEATURES

Accommodations: 20 x single cabins, 20 x double cabins,
Total accommodations 60 berths

Bunker capacity	1,243 m ³
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Other tanks for cargo:

Potable water	1,055.5 m ³
Drill water/SWB	2,944.9 m ³
Liquid mud	633.0 m ³
Brine	633.0 m ³
ORO	1,264.6 m ³
Chain locker	631.7 m ³
Dry bulk	524.0 m ³

Discharge capacity:

Fuel oil	2 x 150 m ³ /hr @ 9 bar
Portable water	2 x 150 m ³ /hr
Drill water	2 x 150 m ³ /hr @ 9 bar

Liquid mud	1 x 100 m ³ /hr @ 24 bar
Brine	1 x 100 m ³ /hr @ 24 bar
ORO	2 x 100 m ³ /hr @ 11 bar
Dry bulk	4 x 4 m ³ /hr @ 6 bar
Positioning	DP2

MAIN DATA

Gross tonnage	7,534 GT
Net tonnage	2,261 NT
Length overall	91.0 m
Length	BP 79.35 m
Breadth moulded	22.00 m
Depth moulded	9.60 m
Design draught	8.0 m
Deadweight	4,500 t
Bollard pull	253 t
Deck area	810 m ²
Deck strength	Aft 15 t/m ² , Forward 10 t/m ²

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PROPULSION AND MAIN SYSTEM

Main engines (Hybrid)	21,456 hp/16,000 kW
Total BHP (Boost + Azimuth)	25,200 hp/18,800 kW
Main engines	2 x MAK 16M32C
Propeller	2 x Scana Volda CPP
Azimuth thruster	1 x 880 kW
Bow thruster	2 x 880 kW
Stern thruster	2 x 880 kW
Fire fighting	FIFI CLASS II

ELECTRIC POWER GENERATION

Main generator	2 x 1,900 kW
Shaft alternator	2 x 4,500 kW
Emergency generator	1 x 465 kW
Supply system - Voltage	220 V, 440 V, 690 V

TOWING AND ANCHOR HANDLING EQUIPMENT

Anchor-handling winch (upper drum)

Size	ø 2,800/4,300 mm and 4,400 mm long
Wire capacity	6,100 m x 76 mm dia
Brake hold	600 t
Pull	500 t at 17.48 m/min
Socket storage area	1,500 m x 76mm ø or for swivels

Towing winch (2 x lower drums)

Size	ø 1,500/3,750 mm and 2,200 mm long
Wire capacity	3,600 m x 76 mm dia

Storage Reels (2 drums)

Brake hold	210 t
Pull	180 t
Wire capacity	4,000 m x 76 mm wire rope
Socket storage area	1,300 m x 76 mm or for swivels
Karmforks	2 pair of Shark Jaws, Triplex SWL - 750 t
Towing pins	2 pair of towing pins 2 x quarter pins; SWL - 350 t
Stern roller	SWL - 750 t
Cable lifters	2 x de-clutchable lifters

Gypsies fitted	1 x 76 mm (3") Stbd side/ 1 x 127 mm (5") Port side
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Tuggers and Capstans	2 x Hatlapa LP Tuggers - 25 t, 2 x Capstans - 15 t
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Cranes

C-Deck	2 x Knuckle boom cranes - 6 t @ 17 m
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SAFETY EQUIPMENT

Life raft	6 x 35 persons
Rescue boat	Normar FRC 650
Davit	1*for the FRC

NAVIGATION AND COMMUNICATION EQUIPMENT

GMDSS (Area 3)

MF/HF SSB

MF/HF DSC

SART

Portable GMDSS VHF

Inmarsat

VSAT

Radar

Gyrocompass

Auto pilot

DGPS

Joystick

Echo sounder

Speed Log

Anemometer

AIS

ECDIS

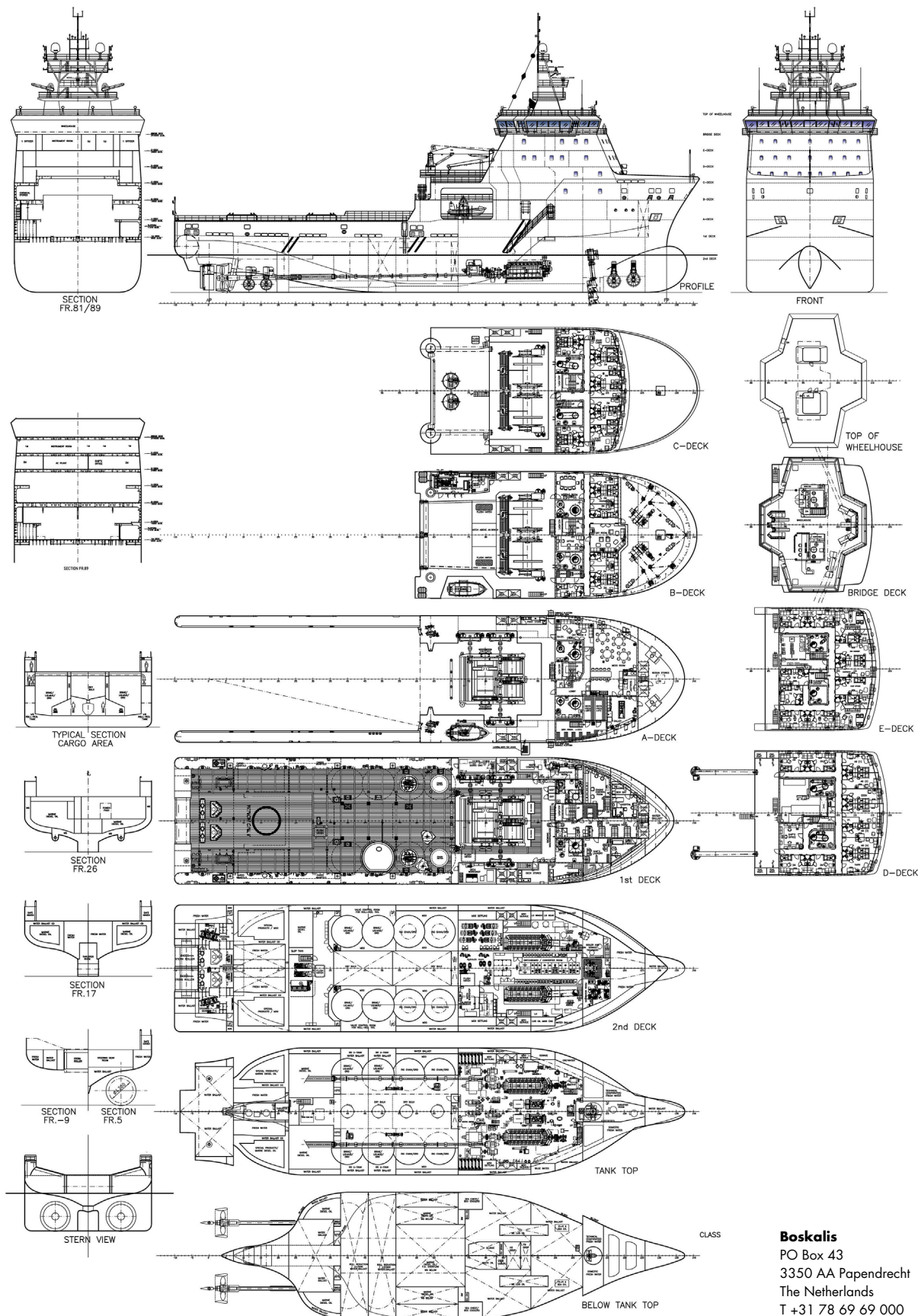
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Boskalis

PO Box 43
3350 AA Papendrecht
The Netherlands
T +31 78 69 69 000
offshore.energy@boskalis.com
www.boskalis.com/offshore

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