REMONTOWA SHIPBUILDING

MEMBER OF REMONTOWA HOLDING S.A.

Offshore Vessels & Tugs


OUR CLIENTS
Trinity House
VIKING SUPPLY SHIPS
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ESTONIA
SECUNDA
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GDYNIA
WUŻ
EDISON CHOUEST
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EZRA
GULFMARK
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agip kco
TIDEWATER
MARNAVI
trasporti marittimi
URZĄD MORSKI W SZCZECINIE
URZĄD MORSKI
W GDYNI


REMONTOWA
REMONTOWA
SHIPBUILDING S.A.

REMONTOWA SHIPBUILDING S.A. GENERAL DESCRIPTION

REMONTOWA SHIPBUILDING S.A. is the biggest of companies belonging to REMONTOWA HOLDING which gives an opportunity to offer highly technically advanced products – from design to fully equipped ships.

REMONTOWA SHIPBUILDING S.A. owns a hull department consisting of four halls and nine bays (each equipped with overhead cranes of different lifting capacity), two stands for launching vessels using floating cranes, one stand for launching vessels into floating dock or pontoon, one side roller slipway and a 400-metre long quay equipped with essential infrastructure, compressed air, electricity and technical gases supply. The Shipyard's technical and production capabilities allow to build modern vessels up to 150 metres in length and 24 metres in width.

The Shipyard specialises in building advanced vessels such as:

- offshore support vessels (AHTS, PSV, ERRV, MPV, IMR, ROV, SOV);
- cargo vessels (container vessels, open deck carriers, LNG/LPG/LEG carriers);
- car-passenger ferries;
- multipurpose vessels (patrol boats, hydrographic ships, multifunction buoy tenders, research vessels, tugs);
- navy ships;
- fishing vessels;

The outfitting of vessels covers:

- painting;
- piping;
- machinery and deck outfitting;
- electric and electronic works;
- accommodation outfitting.

REMONTOWA SHIPBUILDING S.A. has implemented and maintains an Integrated Management System (IMS).
The individual management systems that make up the IMS are certified by national (Polski Rejestr Statków S.A. and Quality Certification Center of the Military University of Technology) and international (DNV GL Business Assurance) certification bodies.

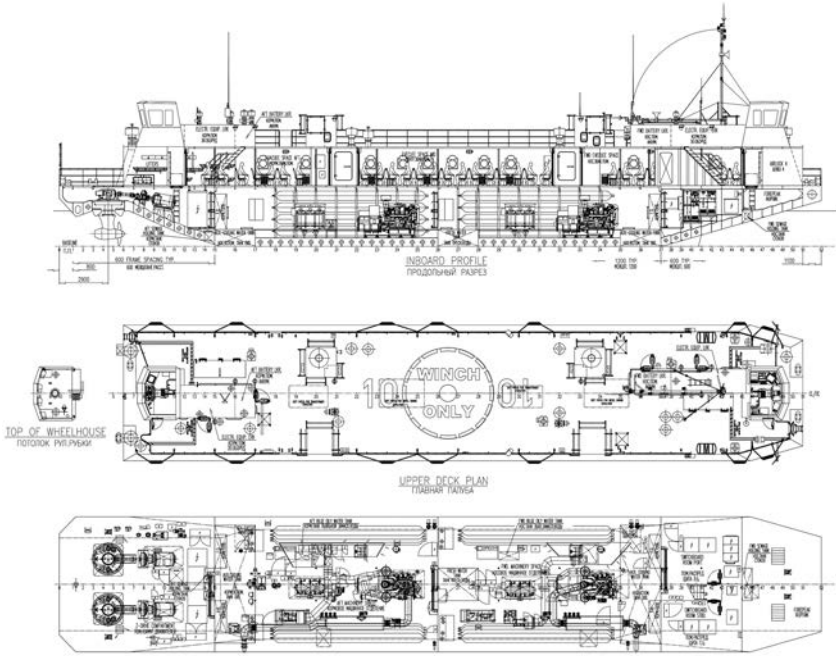
Certification of the Quality Management System according to ISO 9001:2015, the Occupational Health and Safety Management System according to ISO 45001:2018 and the Environmental Management System according to ISO 14001:2015 by the world-wide recognized DNV GL Business Assurance certification body is advisable and has significant importance in relation to production of civilian ships delivered to foreign customers.
Certification of the Quality Management System according to ISO 9001:2015 by national certification bodies is the basis for the certification of the QMS for compliance with the publication AQAP 2110:2016, as well as for the maintenance of the Internal Control System's certificate and the Ministry of Internal Affairs and Administration's Concession, which are of particular importance and are required for Remontowa Shipbuilding S.A. to conduct military production and trade in military goods. Confirmation for other entities from NATO that Remontowa Shipbuilding S.A. has the capability of military production and meets the necessary requirements in this regard, is assigned to the Shipyard with the NATO Commercial and Government Entity Code NGAGE:0530H.

REMONTOWA SHIPBUILDING S.A. builds vessels in conformity to the requirements and under the supervision of the following Classification Societies:

- American Bureau of Shipping;
- Bureau Veritas;
- DNV GL;
- Lloyd's Register of Shipping;
- Polish Register of Shipping.

B 843/1-10 ICE BREAKING EMERGENCY EVACUATION VESSELS

REMONTOWA SHIPBUILDING | MEMBER OF REMONTOWA HOLDING S.A.



VESSELS' NAMES
IBBEV 01÷10

CLASS
DNV +1A1 ICE 1B DAT (-30°C)

DESCRIPTION
ICE BREAKING EMERGENCY EVACUATION VESSELS are used to carry out the emergency evacuation of personnel from offshore installations located in the Kashagan Field, which is currently one of the largest offshore developments in the world (and which forms part of the Kazakhstan Economical zone).

MAIN PARTICULARS

Length over all	45,10 m
Length, waterline	42,34 m
Breadth moulded	8,00 m
Depth to Main Deck	3,60 m
Depth to Upper Deck	5,80 m
Draught (summer)	2,00 m
Draught (winter)	2,10 m
Ice breaking capability	0,60 m

TANKS' CAPACITIES

Fuel oil	9,50 m^3
Water Ballast/Cooling Water	25,00 m^3
Potable Water	4,20 m^3
Sewage /Grey Water	1,00 m^3

PROPULSION

Type Diesel-Electric	
Output power	2 x 800 kW (at 1500 RPM)
Azimuth thrusters	2 x 550 kW (at 1500 RPM)

COMPLEMENT

Crew	2
Evacuees seated	328
Evacuees (stretcher-borne casualties)	10

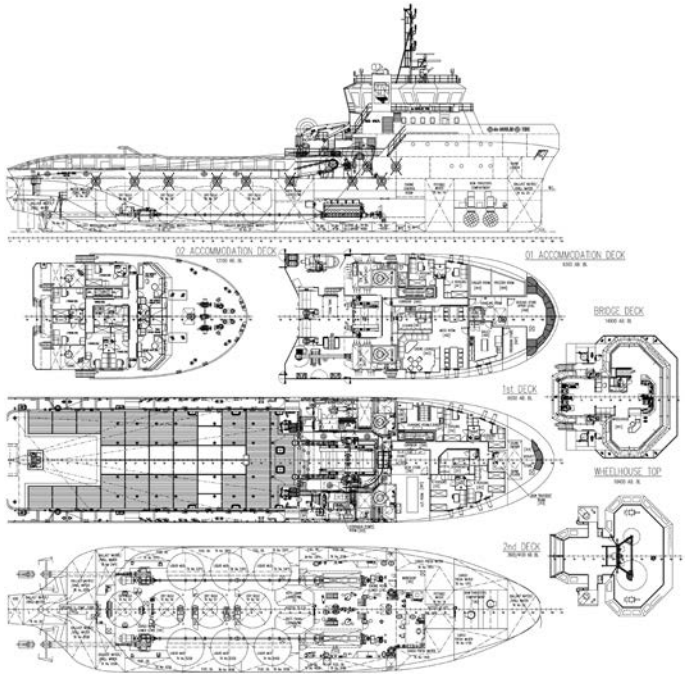
DESIGN
Basic design by Robert Allan (Canada). Class and technical design by NED – Naval Engineering & Design (presently Remontowa Marine Design & Consulting).

OWNER
Agip KCO ENI Group

YEAR OF DELIVERY
2006–2009

B 844/1,2 ANCHOR HANDLING / TOWING / SUPPLY VESSELS

REMONTOWA SHIPBUILDING | MEMBER OF REMONTOWA HOLDING S.A.



VESSELS' NAMES
B 844/1 – "DuMoulin Tide"
B 844/2 – "Leonard Tide"

CLASS
ABS +A1 (E), Offshore Support Vessel, +AMS, +DPS-1, +FFV Class 1

MAIN PARTICULARS

Length over all	70,00 m
Length b.p.	66,60 m
Breadth moulded	15,50 m
Depth to 1st Deck	6,60 m
Design draught	5,10 m
Bollard pull	120 Mt
Deadweight	2050t

TANKS' CAPACITIES

Ballast/Drill Water	885,00 m^3
Fresh & Potable Water	100,00 m^3
Fuel Oil	730,00 m^3
Liquid Mud	485,00 m^3
Dry Bulk	193,60 m^3

PROPULSION

Main Engine	2 x 3730 kW (at 900 RPM)
Gearbox & Shaft Line	2 x 165 RPM, 5,45:1
Propeller	2 x CPP, ø 3,4 m in nozzles
Shaft Generators	2 x 1200 kW (at 1800 RPM)
Bow Thruster	2 x 600 kW

GENERATING SETS

Generating Set	2 x 250 kW (at 1800 RPM)
Emergency/Harbour Generator	1 x 150 kW (at 1800 RPM)

DECK EQUIPMENT

LP hydraulically driven towing winch	300 t
Tugger winches	2 x 10 t
Stern roller	400 t / ø2,5 m, length 4,0 m
Shark jaws & towing pins	1 set
Deck crane	1 x electro-hydraulic knuckle arm 2 t/10 m

CARGO PUMPS

Fuel oil	1 x 150 m^3/h @ 9 bar el. dr.
Fresh water	1 x 150 m^3/h @ 9 bar el. dr.
Ballast/Drill Water	1 x 150 m^3/h @ 9 bar el. dr.
Liquid Mud	2 x 150 m^3/h @ 7 bar el. dr.
Bulk Handling System	2 x bulk mud compressor each 1100 m^3/h @ 8 bar

DESIGN
The vessels have been built according to the project NED 8167L AHTS prepared by NED – Naval Engineering & Design (presently Remontowa Marine Design & Consulting).

OWNER
Tidewater Marine LLC

YEAR OF DELIVERY
2006

B 844/3-8 ANCHOR HANDLING / TOWING / SUPPLY VESSELS

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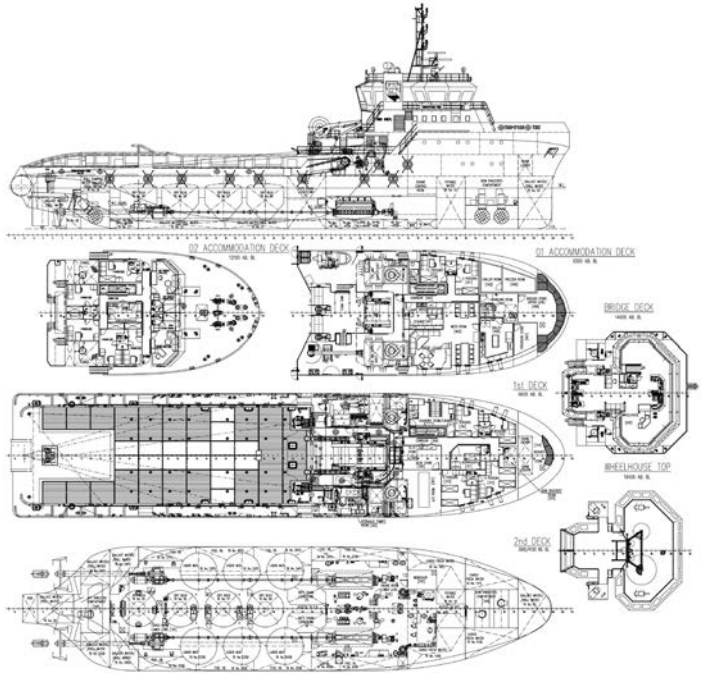

VESSELS' NAMES

B 844/3 – "Thompson Tide"
B 844/4 – "Sutton Tide"
B 844/5 – "Allison Tide"
B 844/6 – "Kehoe Tide"
B 844/7 – "Day Tide"
B 844/8 – "Cindy Tide"

CLASS

ABS +A1 (E), Offshore Support Vessel, +AMS, +DPS-2, +FFV Class 1

MAIN PARTICULARS

Length over all	70,00 m
Length b.p.	66,60 m
Breadth moulded	15,50 m
Depth to 1st Deck	6,60 m
Design draught	5,10 m
Bollard pull	120 Mt
Deadweight	2113 t
Complement	28+1 persons

TANKS' CAPACITIES

Ballast/Drill Water	816,00 m^3
Fresh & Potable Water	99,00 m^3
Fuel Oil	828,00 m^3
Liquid Mud	475,00 m^3
Dry Bulk	194,00 m^3

PROPULSION

Main Engine	2 x 3730 kW (at 900 RPM)
Gearbox & Shaft Line	2 x 165 RPM, 5,45:1
Propeller	2 x CPP, ø 3,4 m in nozzles
Shaft Generators	2 x 1740 kW (at 1800 RPM)
Bow Thruster	2 x 800 HP
Stern Thruster	1 x 800 HP

GENERATING SETS

Generating Set	2 x 250 kW (at 1800 RPM)
Emergency/Harbour Generator	1 x 150 kW (at 1800 RPM)

DECK EQUIPMENT

LP hydraulically driven towing winch	300 t
Tugger winches	2 x 10 t
Stern roller	400 t / ø2,5 m, length 4,0 m
Shark jaws & towing pins	1 set
Deck crane	1 x electro-hydraulic knuckle arm 2 t/10 m

CARGO PUMPS

Fuel oil	1 x 150 m^3/h @ 9 bar, el. dr.
Fresh water	1 x 150 m^3/h @ 9 bar, el. dr.
Ballast/Drill water	1 x 150 m^3/h @ 9 bar, el. dr.
Liquid mud	3 x 150 m^3/h @ 7 bar, el. dr.
Bulk handling system	2 x bulk mud compressor each 1100 m^3/h @ 5,5 bar each

DESIGN

The vessels have been built according to the project NED 8167L AHTS prepared by NED – Naval Engineering & Design (presently Remontowa Marine Design & Consulting).

OWNER

Tidewater Marine LLC

YEAR OF DELIVERY

2007–2009
B844/6 – upgraded to Hose Handling function
B844/8 – upgraded to ROV Support function

B 844/9,10 ANCHOR HANDLING / TOWING / SUPPLY VESSELS

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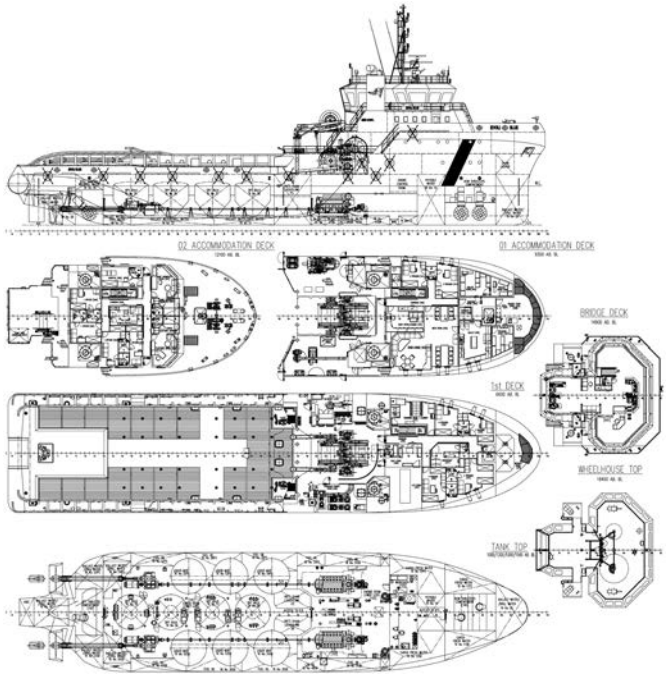

VESSELS' NAMES
B 844/9 – "Ievoli Blue"
B 844/10 – "Ievoli Black"

CLASS
ABS +A1 (E), Offshore Support Vessel, +AMS, +DPS-2, +FFV Class 1 +AH, +Towing vessel, +ACCU RINA C+ tug, supply vessel – chemical product, fire-fighting ship, unrestricted navigation, +AUT-UMS; +DYNA-POS AM/AT

MAIN PARTICULARS

Length over all	70,00 m
Length b.p.	66,60 m
Breadth moulded	15,50 m
Depth to 1st Deck	6,60 m
Design draught	5,10 m
Bollard pull	120 Mt
Deadweight	2113 t
Complement	28+1 persons

TANKS' CAPACITIES

Ballast/Drill Water	816,00 m^3
Fresh & Potable Water	99,00 m^3
Fuel Oil	828,00 m^3
Liquid Mud	475,00 m^3
Dry Bulk	194,00 m^3

PROPULSION

Main Engine	2 x 4080 kW (at 1000 RPM)
Gearbox & Shaft Line	2 x 165 RPM, 5,45:1
Propeller	2 x CPP, ø 3,4 m in nozzles
Shaft Generators	2 x 1740 kW (at 1800 RPM)
Bow Thruster	2 x 800 HP
Stern Thruster	1 x 800 HP

GENERATING SETS

Generating Set	2 x 250 kW (at 1800 RPM)
Emergency/Harbour Generator	1 x 150 kW (at 1800 RPM)

DECK EQUIPMENT

LP hydraulically driven towing winch	300 t
Tugger winches	2 x 10 t
Stern roller	400 t / ø2,5 m, length 4,0 m
Shark jaws & towing pins	1 set
Deck crane	1 x electro-hydraulic knuckle arm 2 t/10 m

CARGO PUMPS

Fuel oil	1 x 150 m^3/h @ 9 bar el. dr.
Fresh water	1 x 150 m^3/h @ 9 bar el. dr.
Ballast/Drill Water	1 x 150 m^3/h @ 9 bar el. dr.
Liquid Mud	3 x 150 m^3/h @ 7 bar el. dr.
Bulk Handling System	2 x bulk mud compressor each 1100 m^3/h @ 5,5 bar

DESIGN
The vessels have been built according to the project NED 8167L AHTS prepared by NED – Naval Engineering & Design (presently Remontowa Marine Design & Consulting).

OWNER
Marinavi Offshore SPA

YEAR OF DELIVERY
2010

B 844/11-14,17,18 ANCHOR HANDLING / TOWING / SUPPLY VESSELS

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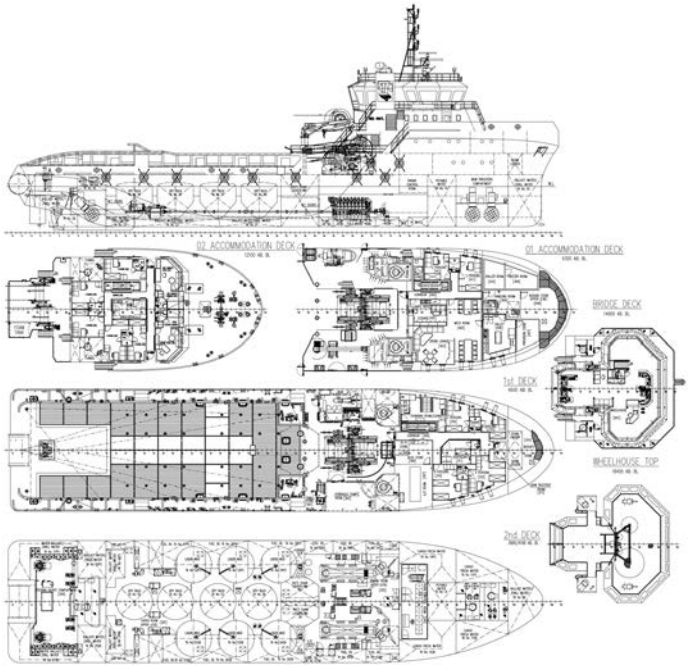

VESSELS' NAMES

B 844/11 – "Reg McNee Tide"
B 844/12 – "Tommy Sheridan Tide"
B 844/13 – "Keith Lousteau Tide"
B 844/14 – "William R Croyle II"
B 844/17 – "Netherland Tide"
B 844/18 – "Marty Quist Tide"

CLASS

ABS +A1 (E), Offshore Support Vessel, +AMS, +DPS-2, +FFV Class 1, +ACCU.

MAIN PARTICULARS

Length over all	70,00 m
Length b.p.	66,60 m
Breadth moulded	15,50 m
Depth to 1st Deck	6,60 m
Design draught	5,10 m
Bollard pull	155 Mt
Deadweight	2020 t
Complement	28+1 persons

TANKS' CAPACITIES

Ballast/Drill Water	885,00 m^3
Fresh & Potable Water	100,00 m^3
Fuel Oil	730,00 m^3
Liquid Mud	485,00 m^3
Dry Bulk	194,00 m^3

PROPULSION

Main Engine	2 x 5060 kW (at 900 RPM)
Gearbox & Shaft Line	2 x 165 RPM, 5,45:1
Propeller	2 x CPP, ø 3,7 m in nozzles
Shaft Generators	2 x 1740 kW (at 1800 RPM)
Bow Thruster	2 x 800 HP
Stern Thruster	1 x 800 HP

GENERATING SETS

Generating Set	2 x 250 kW (at 1800 RPM)
Emergency/Harbour Generator	1 x 150 kW (at 1800 RPM)

DECK EQUIPMENT

LP hydraulically driven towing winch	350 t
Tugger winches	2 x 10 t
Stern roller	400 t / ø2,5 m, length 4,0 m
Shark jaws & towing pins	2 sets
Deck crane	1 x electro-hydraulic knuckle arm 2 t/10 m

CARGO PUMPS

Fuel oil	1 x 150 m^3/h @ 9 bar el. dr.
Fresh water	1 x 150 m^3/h @ 9 bar el. dr.
Ballast/Drill Water	1 x 150 m^3/h @ 9 bar el. dr.
Liquid Mud	3 x 150 m^3/h @ 7 bar el. dr.
Bulk Handling System	2 x bulk mud compressor each 1100 m^3/h @ 5,5 bar

DESIGN

The vessels have been built according to the project NED 8167 AHTS prepared by NED – Naval Engineering & Design (presently Remontowa Marine Design & Consulting).

OWNER

Tidewater Marine LLC

YEAR OF DELIVERY

2007–2010

B 844/15,16,19 ANCHOR HANDLING / TOWING / SUPPLY VESSELS

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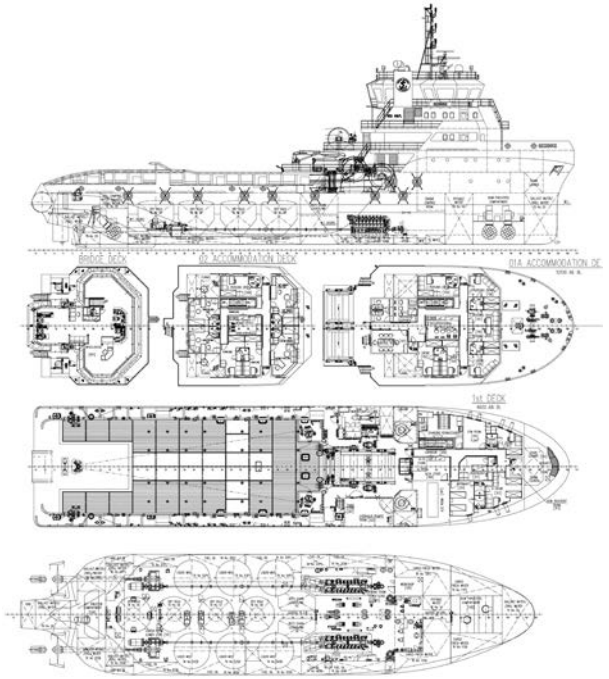

VESSELS' NAMES
B 844/15 – "Waterbuck"
B 844/16 – "Reedbuck"
B 844/19 – "Bushbuck"

CLASS
ABS +A1 (E), Offshore Support Vessel, +AMS, +DPS-2, +FFV Class 1, +ACCU

MAIN PARTICULARS

Length over all	70,00 m
Length b.p.	66,60 m
Breadth moulded	15,50 m
Depth to 1st Deck	6,60 m
Design draught	5,10 m
Bollard pull	155 Mt
Deadweight	
B844 / 15 / 16 / 19	1940 / 1921 / 1860t
Complement	
B844/ 15 / 16 / 19	28+1 / 33 / 39 persons

TANKS' CAPACITIES

Ballast/Drill Water	885,00 m^3
Fresh & Potable Water	100,00 m^3
Fuel Oil	730,00 m^3
Liquid Mud	485,00 m^3
Dry Bulk	194,00 m^3

PROPULSION

Main Engine	2 x 5060 kW (at 900 RPM)
Gearbox & Shaft Line	2 x 165 RPM, 5,45:1
Propeller	2 x CPP, ø 3,7 m in nozzles
Shaft Generators	2 x 1740 kW (at 1800 RPM)
Bow Thruster	2 x 800 HP
Stern Thruster	1 x 800 HP

GENERATING SETS

Generating Set	2 x 250 kW (at 1800 RPM)
Emergency/Harbour Generator	1 x 150 kW (at 1800 RPM)

DECK EQUIPMENT

LP hydraulically driven towing winch	350 t
Tugger winches	2 x 10 t
Stern roller	400 t / ø2,5 m, length 4,0 m
Shark jaws & towing pins	1 set
Deck crane	1 x electro-hydraulic knuckle arm 2 t/10 m

CARGO PUMPS

Fuel oil	1 x 150 m^3/h @ 9 bar el. dr.
Fresh water	1 x 150 m^3/h @ 9 bar el. dr.
Ballast/Drill Water	1 x 150 m^3/h @ 9 bar el. dr.
Liquid Mud	3 x 150 m^3/h @ 7 bar el. dr.
Bulk Handling System	2 x bulk mud compressor each 1100 m^3/h @ 8 bar

DESIGN
The vessels have been built according to the project NED 8167 AHTS prepared by NED – Naval Engineering & Design (presently Remontowa Marine Design & Consulting).

OWNER
Edison Chouest Offshore Inc.

YEAR OF DELIVERY
2010
Two last vessels have been upgraded to ROV Support function.

B 844/20,21 ANCHOR HANDLING / TOWING / SUPPLY VESSELS

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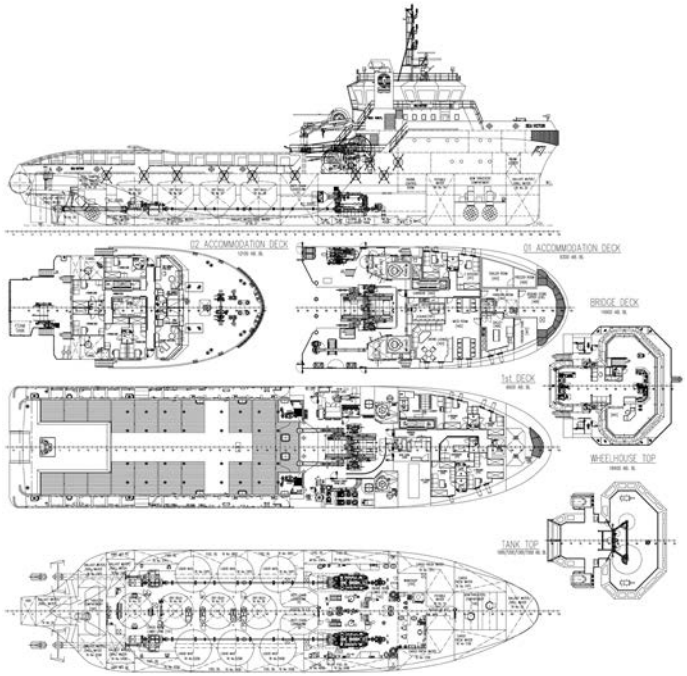


VESSELS' NAMES
B 844/20 – "Sea Vaillant"
B 844/21 – "Sea Victor"

CLASS
ABS +A1 (E), Offshore Support Vessel, +AMS, +DPS-2, +FFV Class 1

MAIN PARTICULARS

Length over all	70,00 m
Length b.p.	66,60 m
Breadth moulded	15,50 m
Depth to 1st Deck	6,60 m
Design draught	5,10 m
Bollard pull	120 Mt
Deadweight	2113 t
Complement	28+1 persons

TANKS' CAPACITIES

Ballast/Drill Water	816,00 m^3
Fresh & Potable Water	99,00 m^3
Fuel Oil	828,00 m^3
Liquid Mud	475,00 m^3
Dry Bulk	194,00 m^3

PROPULSION

Main Engine	2 x 3460 kW (at 900 RPM)
Gearbox & Shaft Line	2 x 165 RPM, 5,45:1
Propeller	2 x CPP, ø 3,4 m in nozzles
Shaft Generators	2 x 1740 kW (at 1800 RPM)
Bow Thruster	2 x 800 HP
Stern Thruster	1 x 800 HP

GENERATING SETS

Generating Set	2 x 250 kW (at 1800 RPM)
Emergency/Harbour Generator	1 x 150 kW (at 1800 RPM)

DECK EQUIPMENT

LP hydraulically driven towing winch	300 t
Tugger winches	2 x 10 t
Stern roller	400 t / ø2,5 m, length 4,0 m
Shark jaws & towing pins	1 set
Deck crane	1 x electro-hydraulic knuckle arm 2 t/10 m

CARGO PUMPS

Fuel oil	1 x 150 m^3/h @ 9 bar el. dr.
Fresh water	1 x 150 m^3/h @ 9 bar el. dr.
Ballast/Drill Water	1 x 150 m^3/h @ 9 bar el. dr.
Liquid Mud	3 x 150 m^3/h @ 7 bar el. dr.
Bulk Handling System	2 x bulk mud compressor each 1100 m^3/h @ 5,5 bar

DESIGN
The vessels have been built according to the project NED 8167L AHTS prepared by NED – Naval Engineering & Design (presently Remontowa Marine Design & Consulting).

OWNER
GulfMark Offshore Inc.

YEAR OF DELIVERY
2010

B 852/1,2 MMC 887 CP PLATFORM SUPPLY VESSELS (PSV)

REMONTOWA SHIPBUILDING | MEMBER OF REMONTOWA HOLDING S.A.

VESSELS' NAMES

B 852/1 – "Lewek Andes"
B 852/2 – "Lewek Aquarius"

CLASS

ABS+A1 (E), Offshore Support Vessel, +AMS, +Oil Recovery Capability Class 2, +ACCU, +DPS-2, +FFV Class 1, ENVIRO, UWILD, GP, TCM, +Safety Standby Service GR B-I300 Special Purpose Ship

DESCRIPTION

MMC 887 CP vessels built according to MMC Ship Design & Marine Consulting design, are multipurpose offshore supply vessels with Anchor Handling function. They are equipped with fully redundant IMO Class 2 Dynamic Positioning System and are capable of satisfying general demands of the offshore industry such as carrying liquid mud, dry cargo, fuel, drill and fresh water in bulk and various deck cargo.

Structural stainless steel tanks equipped with hydraulically driven submerged pumps, fixed deck foam system and nitrogen as inert gas installation allow methanol and other dangerous goods to be carried in safe manner.
With their hybrid propulsion solution the vessels offer cost efficient operations with power booster enabling anchor handling and towing operations.
Another function of B852 series is performing standby rescue operations. Installed onboard FiFi Class 1 system and oil recovery capabilities, makes the vessels perfect for market demand.

MAIN PARTICULARS

Length over all	87,90 m
Breadth mld.	18,80 m
Depth to main deck	8,00 m
Design draught	5,90 m
Speed	14,5 kn
Deadweight	
B852 / 1 / 2	5200 / 5500 t
Bollard pull	
B852 / 1 / 2	100 Mt / N/A
Complement	60 persons

TANKS' CAPACITIES

Ballast/Drill Water	2150,00 m^3
Fresh Water	565,00 m^3
Potable Water	95,00 m^3
Fuel Oil	965,00 m^3
Liquid Mud	2077,00 m^3
Dry Bulk	310,00 m^3
Methanol	200,00 m^3
ORO	470,00m^3

PROPULSION

Main Engine	2 x 1900 kW (at 720 RPM)
Gearbox	2 x reduction gears
PTO/PTI	driven by VFD
Shaft Line with Propeller	2 x CPP of 3250 kW ø3,0 m in nozzles
Main Generating Set	2 x 2250 kW (at 1800 RPM)
ME Driven Shaft Generator	2 x 1900 kW (at 720 RPM)
Emergency/Harbour Generator	1 x 320 kW high speed

DECK EQUIPMENT

Anchor handling / Towing winch	1 x 190 t
Tugger winches	2 x 11 t
Shark jaws & towing pins	1 set of 200t SWL
Deck crane	1 electro-hydraulic telescopic boom 2 t/12 m

CARGO PUMPS

Fuel oil	1 x 100/20 m^3/h @ 9 bar, two-speed el.
Fresh water	1 x 100/40 m^3/h @ 9 bar, two-speed el.
Ballast/Drill water	2 x 100 m^3/h @ 9 bar el. dr.
Liquid mud	3 x 150/75 m^3/h @ 14/6,3 bar, two-speed el.
Liquid mud / Oro	1 x 100 m^3/h @ 18 bar hydraulically driven
Methanol	2 x 75 m^3/h @ 9 bar, hydraulic
Bulk handling system	2 x dry bulk compressor each 1100 m^3/h @ 5,6 bar

DESIGN

The vessels have been built according to the MMC 887 CP project prepared by MMC Ship Design & Marine Consulting

OWNER

EMAS OFFSHORE (EZRA Holding)

YEAR OF DELIVERY

2012

B 851/1-8 MMC 887 L PLATFORM SUPPLY VESSELS (PSV)

REMONTOWA SHIPBUILDING | MEMBER OF REMONTOWA HOLDING S.A.

VESSELS' NAMES

B 851/1 – "Bongo"
B 851/2 – "Kudu"
B 851/3 – "Sable"
B 851/4 – "Oryx"
B 851/5 – "Eland"
B 851/6 – "Gemsbok"
B 851/7 – "Springbok"
B 851/8 – "Wildebeest"

CLASS

ABS+A1 (E), Offshore Support Vesel,+AMS, +Oil Recovery Capability Class 2, +ACCU, +DPS-2, +FFV Class 1

DESCRIPTION

MMC 887 L vessels, as longer versions of MMC 887, are perfect for worldwide services and are designed to meet highest operation demands with the most cost efficient solutions. The vessels are able to fulfill the general demands of the offshore industry such as carrying liquid mud, dry bulk and special products like methanol, pipes and various deck cargo, supplying services between shore base, drilling sites and other ships, firefighting (FiFi 1) and oil recovering. The vessels are equipped with DP Class 2 Dynamic Positioning System, fully integrated VMS and, as Diesel-Electrics driven by innovative medium voltage (4,16 kV) "current source inverter", AFE Variable Frequency Drives.

MAIN PARTICULARS

Length over all	92,65 m
Breadth mld.	18,80 m
Depth to main deck	7,40 m
Max. draught	6,05 m
Speed	14,3 kn
Deadweight	5470 t
Deck Load	2900 t
Complement	52 persons

TANKS' CAPACITIES

Ballast/Drill Water	2043,93 m^3
Fresh Water	510,75 m^3
Potable Water	167,41 m^3
Fuel Oil	1248,06 m^3
Liquid Mud	1964,75 m^3
Dry Bulk	415,80 m^3
Methanol	429,40 m^3
ORO	2409,00 m^3

PROPULSION

Azimuth Propeller	2 x 2000 kW controlled by VFD, AFE type
Forward Thrusters	1 x 910 kW – CPP tunnel thruster
	1 x 800 kW – CPP retractable thruster

GENERATING SETS

Main Generating Set	4 x 1700 kW (at 1800 RPM)
Emergency/Harbour Generator	1 x 300 kW (at 1800 RPM)

DECK EQUIPMENT

Tugger winches	2 x 10 t el-hyd.
Deck crane	1 electro-hydraulic straight arm 3 t/10 m
Windlass/mooring winch	2 x 15,3 t pull, el-hyd.
Capstans	2x 8 t pull, el-hyd.

CARGO PUMPS

Fuel oil	1 x 150 m^3/h @ 9 bar, el.
Fresh water	1 x 150 m^3/h @ 9 bar, el.
Ballast/Drill water	1 x 150 m^3/h @ 9 bar, el.
Liquid mud	4 x 75 m^3/h @ 6 bar, el. dr. recirculating pumps
Liquid mud / Oro	3 x 150 m^3/h @ 14 bar,
Transfer pumps	2 x 75 m^3/h @ 14 bar
Methanol	1 x 75 m^3/h @ 9 bar, hydraulic
Bulk handling system	2 x bulk cargo air compressor each 1134 m^3/h @ 5,6 bar

DESIGN

The vessels have been built according to the project MMC 887 L prepared by MMC Ship Design & Marine Consulting.

OWNER

Edison Chouest Offshore Inc.

YEAR OF DELIVERY

B851/1, 2, 3, 4, 5 – 2013
B851/6, 7, 8 – 2014

B 850/1,2 MMC 887 CD PLATFORM SUPPLY VESSELS (PSV)

REMONTOWA SHIPBUILDING | MEMBER OF REMONTOWA HOLDING S.A.

VESSELS' NAMES
B 850/1 – "Highland Defender"
B 850/2 – "Highland Guardian"

CLASS
ABS+A1 (E), Offshore Support Vessel, +AMS, +Oil Recovery Capability Class 2, +ACCU, +DPS-2, +FFV Class 1, ENVIRO, UWILD, GP

DESCRIPTION
MMC 887 CD vessels are designed to meet highest operation demands with the most cost efficient solutions. Diesel Electric powered propulsion allows most cost efficient exploitation, reduction of fuel consumption and lower emission of NO_x and SO_x to the atmosphere. Working deck of 1000 m^2 enables carrying high-volume goods and makes the vessels the biggest ones in their class. Dynamic Positioning System Class 2 allows them to operate in worldwide sea areas, under any weather conditions.

MAIN PARTICULARS

Length over all	88,90 m
Breadth mld.	18,80 m
Depth to main deck	7,40 m
Design draught	5,90 m
Speed	14,3 kn
Deadweight	5100 t
Deck	1000 m^2

TANKS' CAPACITIES

Ballast/Drill Water	1767,00 m^3
Brine	346,00 m^3
Potable Water	950,00 m^3
Fuel Oil	899,00 m^3
Liquid Mud	2086,00 m^3
Dry Bulk	400,00 m^3
Methanol	346,00 m^3
Base oil	227,00 m^3

PROPULSION

Azimuth Propeller	2 x 2000 kW controlled by VFD, AFE type
Forward Thrusters	1 x 910 kW – CPP tunnel thruster
	1 x 800 kW – CPP retractable thruster

GENERATING SETS

Main Generating Set	4 x 1700 kW (at 1800 RPM)
Emergency/Harbour Generator	1 x 350 kW high speed

DECK EQUIPMENT

Tugger winches	2 x 10 t
Deck crane	2 x electro-hydraulic 3 t/10 m

CARGO PUMPS

Fuel oil	1 x 150/20 m^3/h @ 9/3 bar
Fresh water	1 x 150/80 m^3/h @ 9/2 bar
Ballast/Drill Water	1 x 150/80 m^3/h @ 9/2 bar
Liquid Mud	4 x 150 m^3/h @ 14 bar
Methanol	2x75 m^3/h @ 9 bar
Bulk Handling System	2 x compressor (1100 m^3/h each)
	5 x dry bulk tanks, 80 m^3 each

DESIGN
The vessels have been built according to the project MMC 887 CD prepared by MMC Ship Design & Marine Consulting.

OWNER
Gulf Offshore NS Ltd. / GulfMark Offshore Inc.

YEAR OF DELIVERY
2013

B 853 MMC 879 CD PLATFORM SUPPLY VESSELS (PSV)

REMONTOWA SHIPBUILDING | MEMBER OF REMONTOWA HOLDING S.A.

VESSEL'S NAME
B 853/1 – "Highland Chieftain"

CLASS
ABS+A1 (E), Offshore Support Vessel, +AMS, +Oil Recovery Capability Class 2, +ACCU, +DPS-2, +FFV Class 1, ENVIRO, UWILD, GP

DESCRIPTION
MMC 879 CD vessels are designed to meet highest operation demands with the most cost efficient solutions. Diesel Electric powered propulsion allows most cost efficient exploitation, reduction of fuel consumption and lower emission of NO_x and SO_x to the atmosphere. Working deck of 815 m^2 enables carrying high-volume goods while Dynamic Positioning System Class 2 allows them to operate in worldwide sea areas, under any weather conditions.

MAIN PARTICULARS

Length over all	79,45 m
Breadth mld.	16,80 m
Depth to main deck	7,40 m
Design draught	5,00 m
Speed	14,0 kn
Deadweight	4000 t
Deck area	815 m^2

TANKS' CAPACITIES

Ballast/Drill Water	1487,00 m^3
Brine	522,00 m^3
Potable Water	980,00 m^3
Fuel Oil	1016,00 m^3
Liquid Mud	1163,00 m^3
Dry Bulk	300,00 m^3
Methanol	194,00 m^3
Base oil	514,00 m^3

PROPULSION

Azimuth Propeller	2 x 2000 kW controlled by VFD, AFE type
Forward Thrusters	2 x 910 kW – CPP tunnel thruster

GENERATING SETS

Main Generating Set	4 x 1700 kW (at 1800 RPM)
Emergency/Harbour Generator	1 x 350 kW high speed

DECK EQUIPMENT

Tugger winches	2 x 10 t
Deck crane	2 x electro-hydraulic 3 t/10 m

CARGO PUMPS

Fuel oil	1 x 150/20 m^3/h @ 9/3 bar
Fresh water	1 x 150/80 m^3/h @ 9/2 bar
Ballast/Drill Water	1 x 150/80 m^3/h @ 9/2 bar
Liquid Mud	4 x 150 m^3/h @ 14 bar
Methanol	2x75 m^3/h @ 9 bar
Bulk handling system	2 x compressor (1100 m^3/h each)
	5 x dry bulk tanks, 60 m^3 each

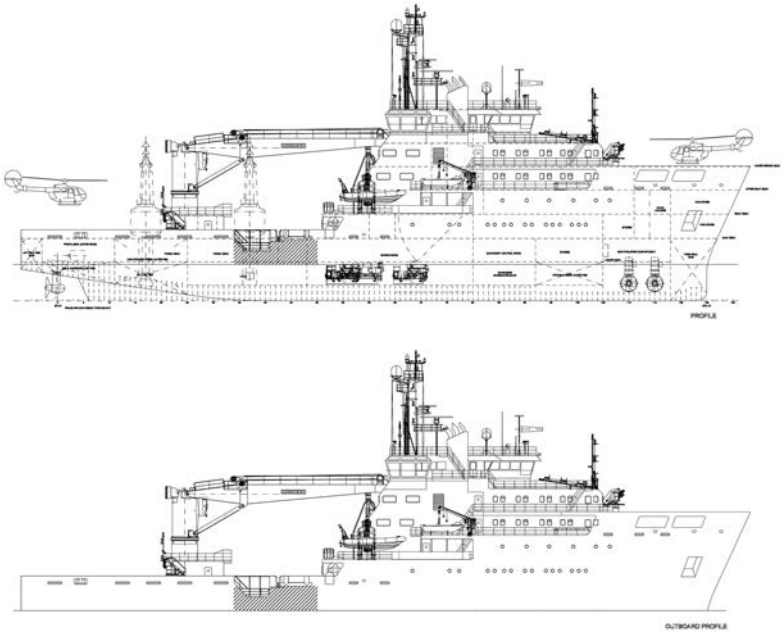
DESIGN
The vessels have been built according to the project MMC 879 CD prepared by MMC Ship Design & Marine Consulting.

OWNER
Gulf Offshore NS Ltd. / GulfMark Offshore Inc.

YEAR OF DELIVERY
2013

B 842/1,2 MULTI-FUNCTION BUOY TENDERS

REMONTOWA SHIPBUILDING | MEMBER OF REMONTOWA HOLDING S.A.



VESSELS' NAMES
B 842/1 – „Pharos"
B 842/2 – „Galatea"

CLASS
The vessels' hulls, machinery and electrical installations were built and installed under special survey in accordance with the Rules and Regulations of Lloyd's Register of Shipping for notation: +100A1, +LMC, +UMS, CAC, DP(AA), MCM, NAV, IBS, LA, EP-BUOY & LIGHT TENDER

MAIN PARTICULARS

Length over all	84,00 m
Length b.p.	75,00 m
Breadth moulded	16,50 m
Depth to Main Deck	7,20 m
Design draught	4,30 m
Deadweight	1250 t
Bollard pull	32 Mt
Service speed	12,5 kn
Complement	30 persons

TANKS' CAPACITIES

Oil fuel	300,00 m^3
Lubrication/hydraulic oil	25,00 m^3
Non potable water	140,00 m^3
Potable water	170,00 m^3
Water ballast	325,00 m^3

PROPULSION

Diesel Electric	3 x 1376 kW, 2 x 688 kW
Azimuth Thrusters	2 x 1500 kW
Bow Thrusters	2 x 750 kW

GENERATING SETS

Diesel Generating Set	1 x 240 kW (at 1500 RPM)
Emergency Generating Set (Pharos)	1 x 300 kW
Emergency Generating Set (Galatea)	1 x 130 kW

DECK MACHINERY

Deck crane (buoy handling)	30 t / 22,5 m
Windlass	5 t / 18 m/min
Capstans	2 x 5 t
Towing winch	BP = 40 Mt (Galatea)
Work boats	1 x 9 m

SURVEY EQUIPMENT
Searchlight Sonar 90 kHz;
Multi-Beam Echo Sounder 5-150 m / 300 kHz;
Single-Beam Echo Sounder 32 m / 200 kHz.

ACCOMMODATION
7 officer's cabins and 23 crew cabins.

DESIGN
NED – Naval Engineering & Design (presently Remontowa Marine Design & Consulting).

OWNER
British Owner Trinity House & Northern Lighthouse Board

YEAR OF DELIVERY
2007

B 101 CABLE LAYING VESSEL

REMONTOWA SHIPBUILDING | MEMBER OF REMONTOWA HOLDING S.A.

VESSEL'S NAME
B 101 – „Siem Aimery"

CLASS
The vessel's hull, machinery and equipment are to be constructed in accordance with the Rules and Regulations of Det Norske Veritas for notation: 1A1, E0, CLEAN DESIGN, CABLE LAYING VESSEL, NAUT AW, DYNPOS-AUTR, COMF-V(3)-C(3), BIS, SPS.

MAIN PARTICULARS

Length over all:	95,3 m
Length b.p.:	84,9 m
Breadth moulded:	21,5 m
Speed:	14,0 kn
Cable's carousels capacity:	4250 t
Deadweight:	4700 t
Complement:	60 persons

TANKS' CAPACITIES

Fuel oil:	1200,00 m^3
Fresh water:	650,00 m^3
Water ballast:	2400,00 m^3

PROPULSION

Diesel Electric	4 x 1766 kW
Azimuth Thrusters	2 x 2200 kW
Retractable / Swing up	
Azimuth Thruster	1 x 880 kW
Bow Thrusters	2 x 1200 kW

GENERATING SETS

Emergency diesel generator set	163 kW

DECK EQUIPMENT

Deck crane	5 t/10 t x 24 m/15 m
Provision crane	2 t x 15 m
Windlass	2 x 10 t
Mooring winches	2 x 10 t

SPECIAL EQUIPMENT
LARS for Trencher ROV;
LARS for Work ROV,

Cable Lay Systems: 2500 t carousel 18m/4m dia, 932m^3
1750 t carousel 16m/14m dia, 722m^3
2 x spooling arms & 4 x slide chutes
3 x 20 t A&R winches
4 x 6 wheel pair LPCE 80 KN each
4 x 1 wheel pair aux LPCE
2 x capstans

DESIGN
Vard Design AS in cooperation with Remontowa Marine Design & Consulting.

OWNER
Siem Offshore Rederi AS

YEAR OF DELIVERY
2016

B 856/1 INSPECTION MAINTENANCE & REPAIR (IMR)

REMONTOWA SHIPBUILDING | MEMBER OF REMONTOWA HOLDING S.A.

VESSEL'S NAME
B 856/1 – „Siem Pridel"

CLASS
The vessel's hull, machinery and equipment is constructed in accordance with the Rules and Regulations of Det Norske Veritas for notation: +1A1, Offshore Service Vessel+, Supply, SF, DYNPOS-AUTR, E0, GAS FUELLED, BIS, CLEAN DESIGN, COAT PSPC (B), COMF-V(3) & C(3), LFL*, NAUT OSV(A), DK (10t/m2) and HL (2.8), Oilrec, Stand-by Vessel (S), Fire Fighter II.

MAIN PARTICULARS

Length over all	89,20 m
Length b.p.	80,40 m
Breadth moulded	19,00 m
Speed	14,6 kn
Cargo deck area	980 m^2
Deadweight	5400 t
Complement	16 x 1 + 6 x 2 persons

TANKS' CAPACITIES

LNG	230,00 m^3
Fuel oil	950,00 m^3
Fresh water	1000,00 m^3
Ballast/Drill water	1900,00 m^3
Liquid mud + Brine	1160,00 m^3
Liquid mud	930,00 m^3
Brine	800,00 m^3
Methanol/Special products LFL*	345,00 m^3
Dry bulk/Drill cutting	400,00 m^3
Base oil	230,00 m^3

PROPULSION

Dual Fuel Electric	2 x 2610 kW + 2 x 1408 kW
Propulsion Azimuth Thrusters	2 x 2200 kW
Retractable Azimuth Thruster	1 x 880 kW
Bow Tunnel Thrusters	2 x 1000 kW

GENERATING SETS

Emergency Diesel Generator Set	1 x 200 kW

DECK EQUIPMENT

Deck cranes	1 x 12t/10m, 1 x 3 t/12m
Windlass	2 x 12 t
Mooring winches	2 x 12 t
Tugger winches	2 x 10 t
LARS & A-FRAME for ROV	

CARGO PUMPS

Fuel oil/ORO	2 x 50-200 m^3/h @ 9 bar, hyd.
Fresh water	2 x 200 m^3/h @ 9 bar, el.
Special product	2 x 40-75 m^3/h @ 8/9 bar,hyd.
Slop/ORO	2 x 0-100 m^3/h @ 24/9 bar, hyd.
Liquid mud/ORO	2 x 0-100 m^3/h @ 24/9 bar, hyd.
Brine/ORO	2 x 0-100 m^3/h @ 24/9 bar, hyd.
Base oil	2 x 75/18 m^3/h @ 9 bar, el.
Ballast/Drill water	2 x 200 m^3/h @ 9 bar, el.
Drill cutting	6 x 0-30 m^3/h @ 30 bar, hyd.
Dry bulk	2 x air compressor, 1656 m^3/h @ 7 bar each.

DESIGN
VS 4411 DF (IMR) Wärtsilä Ship Design in cooperation with Remontowa Marine Design & Consulting.

OWNER
Siem Offshore Rederi AS

YEAR OF DELIVERY
2015

B 856/2 PLATFORM SUPPLY VESSEL (PSV)

REMONTOWA SHIPBUILDING | MEMBER OF REMONTOWA HOLDING S.A.

VESSEL'S NAME
B 856/2 – „Siem Thiima"

CLASS
The vessel's hull, machinery and equipment is constructed in accordance with the Rules and Regulations of Det Norske Veritas for notation: +1A1, Offshore Service Vessel+, Supply, SF, DYNPOS-AUTR, E0, GAS FUELLED, BIS, CLEAN DESIGN, COAT PSPC (B), COMF-V(3) & C(3), LFL*, NAUT OSV(A), DK (10t/m2) and HL (2.8), Oilrec, Stand-by Vessel (S), Fire Fighter II, ICE – 1C.

MAIN PARTICULARS

Length over all	89,20 m
Length b.p.	80,40 m
Breadth moulded	19,00 m
Speed	14,6 kn
Cargo deck area	980 m^2
Deadweight	5400 t
Complement	16 x 1 + 6 x 2 persons

TANKS' CAPACITIES

LNG	230,00 m^3
Fuel oil	950,00 m^3
Fresh water	1000,00 m^3
Ballast/Drill water	1900,00 m^3
Liquid mud + Brine	1160,00 m^3
Liquid mud	930,00 m^3
Brine	800,00 m^3
Methanol/Special products LFL*	345,00 m^3
Dry bulk/Drill cutting	400,00 m^3
Base oil	230,00 m^3

PROPULSION

Dual Fuel Electric	2 x 2610 kW + 2 x 1408 kW
Propulsion Azimuth Thrusters	2 x 2200 kW
Retractable Azimuth Thruster	1 x 880 kW
Bow Tunnel Thrusters	2 x 1000 kW

GENERATING SETS

Emergency Diesel Generator Set	1 x 200 kW

DECK EQUIPMENT

Deck cranes	1 x 3 t/12m
Windlass	2 x 12 t
Mooring winches	2 x 12 t
Tugger winches	2 x 10 t

CARGO PUMPS

Fuel oil/ORO	2 x 50-200 m^3/h @ 9 bar, hyd.
Fresh water	2 x 200 m^3/h @ 9 bar, el.
Special product	2 x 40-75 m^3/h @ 8/9 bar,hyd.
Slop/ORO	2 x 0-100 m^3/h @ 24/9 bar, hyd.
Liquid mud/ORO	2 x 0-100 m^3/h @ 24/9 bar, hyd.
Brine/ORO	2 x 0-100 m^3/h @ 24/9 bar, hyd.
Base oil	2 x 75/18 m^3/h @ 9 bar, el.
Ballast/Drill water	2 x 200 m^3/h @ 9 bar, el.
Dry bulk	2 x air compressor, 1656 m^3/h @ 7 bar each.

DESIGN
VS 4411 DF PSV Wärtsilä Ship Design in cooperation with Remontowa Marine Design & Consulting.

OWNER
Siem Offshore Rederi AS

YEAR OF DELIVERY
2016

B 856/3-4 PLATFORM SUPPLY VESSEL (PSV)

REMONTOWA SHIPBUILDING | MEMBER OF REMONTOWA HOLDING S.A.

VESSEL'S NAME
B 856/3 – „Coey Viking"
B 856/4 – „Cooper Viking"

CLASS
The vessel's hull, machinery and equipment is constructed in accordance with the Rules and Regulations of Det Norske Veritas for notation:
+1A1, Offshore Service Vessel+, Supply, SF, DYNPOS-AUTR, E0, GAS FUELLED, BIS, CLEAN DESIGN, COAT PSPC (B), COMF-V(3) & C(3), LFL*, NAUT OSV(A), DK (10t/m^2) and HL (2.8), Oilrec, Stand-by Vessel (S), Fire Fighter II, Ice -1C, Battery Power.

DESCRIPTION
The vessel is designed as a Platform Supply Vessel (PSV) for worldwide operation complying offshore oil industry requirements for such vessels and ensuring highest possible safety for personnel and best protection of the environment.
The hull design has been upgraded to ensure better fuel economy during transit operation, sea keeping and maneuverability due to the application of Battery Pack for hybrid drive utilizing engines of dual-fuel type, with LNG, for all operational modes.

MAIN PARTICULARS

Length over all	89,20 m
Length b.p.	80,40 m
Breadth moulded	19,00 m
Speed	14,6 kn
Cargo deck area	980 m2 w 10T/ m^2
Deadweight (for 7.4m draft)	5291 t
Max Deck load	2400 t
Complement	13*1+6*2 persons

TANK CAPACITIES

LNG	230,00 m^3
Fuel oil	961,60 m^3
Fresh water + TFW	827,40 + 461,20 m^3
Ballast/Drill water	1516,10 m^3
Liquid mud / ORO	934,00 m^3
Brine / ORO	802,00 m^3
Methanol/Special products LFL*/ORO	349,00 m^3
Dry bulk	339,00 m^3
Base oil / ORO	230,90 m^3

PROPULSION

Dual Fuel Electric w/t Hybrid Battery Pack	LLC tech.
Propulsion Azimuth Thrusters	2 x 2200 kW
Retractable Azimuth Thruster	1 x 880 kW
Bow Tunnel Thrusters	2 x 1000 kW

ELECTRIC POWER SOURCES

Main Generating Sets	2 x 2610 kW + 2 x 1408 kW
Emergency Generator Set	1 x 200 kW
Battery Pack	622 kWh

DECK EQUIPMENT

Deck cranes	2 x 3 t/12 m
Windlass	2 x 12 t
Mooring winches	2 x 12 t
Tugger winches	2 x 10 t

CARGO PUMPS

Fuel oil/ORO	2 x 50-200 m^3/h @ 9 bar, hyd.
Fresh water	2 x 200 m^3/h @ 9 bar, el.
Special product	2 x 40-75 m^3/h @ 8/9 bar, hyd.
Slop/ORO	2 x 0-100 m^3/h @ 24/9 bar, hyd.
Liquid mud/ORO	2 x 0-100 m^3/h @ 24/9 bar, hyd.
Brine/ORO	2 x 0-100 m^3/h @ 24/9 bar, hyd.
Base oil	2 x 75/18 m^3/h @ 9 bar, el.
Ballast/Drill water	2 x 200 m^3/h @ 9 bar, el.
Dry bulk	2 x air compressor, 1656 m^3/h @7 bar each

DESIGN
VS 4411 DF PSV Wärtsilä Ship Design in cooperation with Remontowa Marine Design & Consulting.

OWNER
Viking Supply Ships

YEAR OF DELIVERY
2021

B 857 ANCHOR HANDLING / TOWING / SUPPLY VESSEL

REMONTOWA SHIPBUILDING | MEMBER OF REMONTOWA HOLDING S.A.

VESSEL'S NAME
B 857 – „Avalon Sea"

CLASS
DNV +1A1, SF, E0, OFFSHORE SERVICE VESSEL AHTS, DK(+), HL(2,5), CLEAN DESIGN, COMF V(3), NAUT OSV(A), DYNPOS AUTR, BWM-T, ICE 1C, OILREC, BIS, TMON

MAIN PARTICULARS

Length over all	87,30 m
Length b.p.	78,00 m
Breadth moulded	20,00 m
Depth to Main Deck	8,50 m
Design draught	5,80 m
Bollard pull	140 Mt
Deadweight	4200 t
Complement	23+28 persons

TANK CAPACITIES

Ballast/Drill water	2200,00 m^3
Fresh & Potable water	615,00 m^3
Fuel oil	750,00 m^3
Liquid mud	600,00 m^3
Dry bulk	330,00 m^3
Brine	300,00 m^3
Base oil	300,00 m^3
Oil recovery	600,00 m^3

PROPULSION

Main Engine	2 x 2880 kW (at 900 RPM)
Gearbox	2 x 153 RPM, 5,88:1
Shaft Line with Proppeler	2 x CPP, ø3,8 m in nozzles
Hybrid Shaft Generator	2 x 1200 / 1500 kW
Forward Tunnel Thruster	1 x 1150 kW
Forward Swing-Up Azimuth Thruster	1 x 1200 kW
Aft Tunnel Thruster	2 x 1050 kW

GENERATING SETS

Generator Set	2 x 2880 kW (at 900 RPM)
Harbour Generator Set	1 x 700 kW (at 1800 RPM)
Emergency Generator Set	1 x 240 kW (at 1800 RPM)

DECK EQUIPMENT

AHT Winch LP Hydraulic Driven	1 x 400 t
Iceberg Towing Winch	1 x 30 t
Anchor Windlass	2 x 18 t
Mooring Winches	2 x 10 t
Tugger Winches	2 x 15 t
Spare Wires Reels	2 x 10 t
Towing Line Storage Reel	1 set
Stern Roller	1 x 425 t / ø2,5 m, length 4,0 m
Shark Jaws & Towing Pins	1 x 480 / 180 t
Safer Hose Operation System (SHOS)	1 set
Safer Wire Operation System (SWOS)	1 set
Deck Crane	1 x 3 t / 12 m
Deck Crane	1 x 10 t / 10 m

CARGO PUMPS

Fuel oil	2 x 250 m3/h @ 9 bar, hyd. dr.
Fresh water	2 x 250 m3/h @ 9 bar, hyd. dr.
Ballast/Drill water	1 x 250 m3/h @ 9 bar, hyd. dr.
Liquid mud	2 x 100 m3/h @ 24 bar, hyd. dr.
Brine	1 x 100 m3/h @ 24 bar, hyd. dr.
Base oil	1 x 125 m3/h @ 9 bar, hyd. dr.
Gravel pack	1 x 100 m3/h @ 24 bar, hyd. dr.
Bulk handling system	2 x bulk mud compressor (1554 m3/h @ 5,6 bar each)

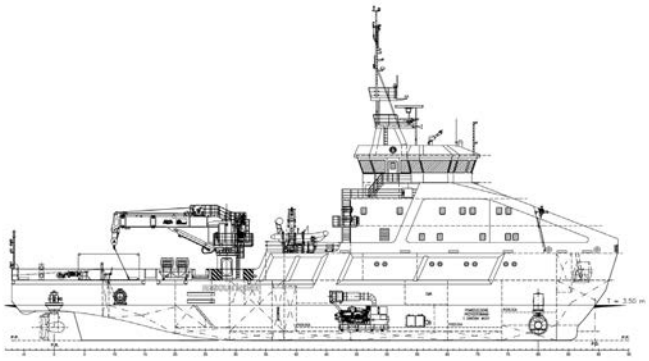
DESIGN
The vessel to be built according to UT 782 WP project executed by Rolls-Royce Marine.

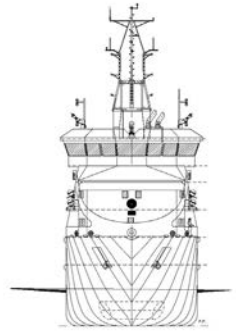
OWNER
Secunda Canada LP

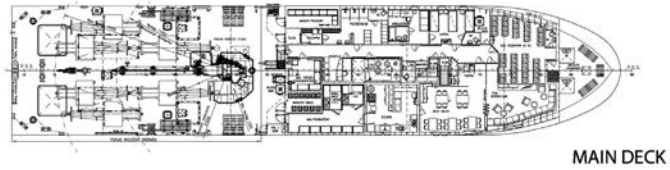
YEAR OF DELIVERY
2016

B 618/1-2 MULTIPURPOSE VESSELS

Twin multipurpose vessels Zodiak II and Planeta I have been awarded 2020 World's Best Multi-Purpose Vessel Award presented by Baird Maritime.







VESSELS' NAMES
B 618/1 – "Zodiak II"
B 618/2 – "Planeta I"

DESCRIPTION
Multipurpose vessels in every-day operations perform the key statute tasks of the Maritime Authorities in Szczecin and Gdynia, mainly: the maintenance and renewal/updating of waterways buoys, etc., i.e. the transport, replacement and inspection of buoys. The vessels are equipped for hydrographic tasksincluding depth measurement, data processing, map amendment, etc.
The vessels are capable for emergency response as sea towage, oil spill recovery, fire fighting, search & rescue tasks and clearance / ice breaking of iced waterways.

CLASS:
Class notation of ship according to PRS Rules:
*KM OIL RECOVERY / TUG / FIRE FIGHTING 1 / SPECIAL PURPOSE SHIP I L1 IWS AUT NAV1 DP1 ECO REC *PRM EMP

MAIN PARTICULARS

Length over all	60,10 m
Length between perpendiculars	53,63 m
Beam moulded	13,4 m
Depth to main deck	6 m
Design draught	3,5 m
Speed	13 kn
Crew	21 persons
Deadweight	350 T
Bollard pull	40,0 T

PROPULSION

Azimuth Thrusters	2x 1400 kW
Bow Thruster	1x 850 kW

GENERATING SETS

Main Generating	3x 1590 kW (at 1800 RPM)
Emergency Generator	1x 220 kW (at 1800 RPM)

DECK EQUIPMENT
System for operating navigation buoys which contains:
- Deck Crane 17 meters outreach at 10 tons SWL
- Roller ramp for dropping buoy anchors

Hydrographic equipment which contains:
- Moon pool with multibeam echosounder
- Single beam echosounder
- Hydrographic boat
- Underwater robot

Towing hook 400 kN towing capacity
Oil Recovery System
Firefighting 1 class system

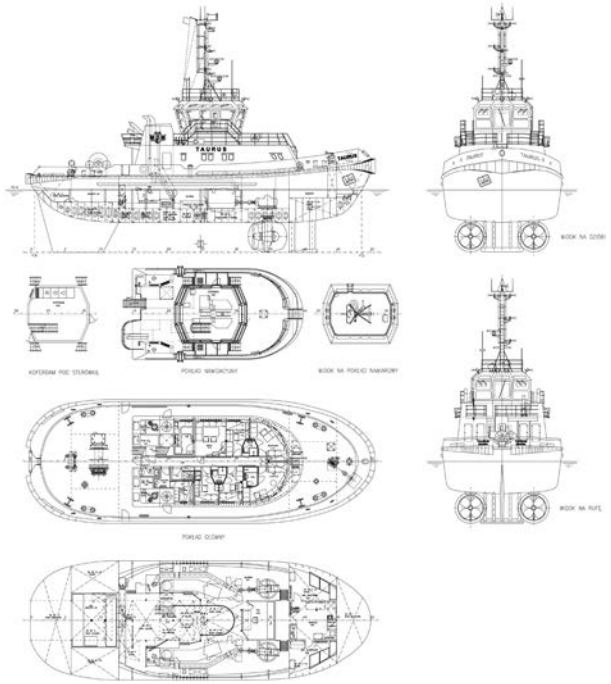
DESIGN
Remontowa Marine Design & Consulting (RMDC) member of REMONTOWA HOLDING

OWNER
"ZODIAK II" - Maritime Office In Gdynia (Poland)
"PLANETA I" - Maritime Office In Szczecin (Poland)

YEAR OF DELIVERY
2020

B 830/B 848 HARBOUR TRACTOR TUG

REMONTOWA SHIPBUILDING | MEMBER OF REMONTOWA HOLDING S.A.



VESSELS' NAMES
B 830 – "Taurus"
B 848 – "Virtus"

CLASS
PRS ✠KM TUG III L3

DESCRIPTION
Single-deck tractor tug with two azimuth thrusters located under the hull in fore part, destined to work in harbours.

MAIN PARTICULARS

	Taurus	Virtus
Length o.a.	30,00 m	30,00 m
Length waterline	28,80 m	28,80 m
Breadth moulded	10,80 m	10,50 m
Depth to main deck	3,95 m	3,95 m
Design draught	2,75 m	2,70 m
Draught max.	5,60 m	5,60 m
Bollard pull ahead	42 t	55 t
Speed	11 kn	12,6 kn
Complement	5+1 persons	4/5 persons

TANKS' CAPACITIES

	Taurus	Virtus
Fuel oil	100,00 m^3	99,10 m^3
Potable water	16,00 m^3	15,80 m^3
Ballast water	90,00 m^3	55,30 m^3

PROPULSION

	Taurus	Virtus
Main Engine	2 x 1230 kW (at 1600 RPM)	2 x 1765 kW (at 1800 RPM)
Azimuth Thrusters	2 x Azimuth Thruster including CPP (ø2,15 m)	2 x Azimuth Thruster with ducted propeller FP
Generating Sets	2 x 85 kW	2 x 85 kW

MOORING EQUIPMENT
One (1) hydraulically driven capstan, located aft, locally controlled;
Eight (8) mooring chocks;
Four (4) double bollards;
Two (2) single bollards;
Two (2) rollers.

LIFE-SAVING EQUIPMENT
Two (2) inflatable life-rafts in containers with hydrostatic releases;
Two (2) complete life-buoys with life-lines;
Two (2) complete life-buoys with life/smoke buoys;
Six (6) survival suits;
Eight (8) life jackets.

TOWING EQUIPMENT
Hydraulically driven towing winch with two-section drum located aft of the deckhouse on the Main Deck;
Drum capacity divided into service and storage sections;
Winch controlled either locally or remotely from the wheelhouse;
Double towing bollard with a towing chock, located aft of the winch;
Single towing bollard located on the main deck at the bow;
Towing chock in the bulwark at the bow.

NAVIGATION AND COMMUNICATION
GMDSS Sea Area A2 Radio Station.

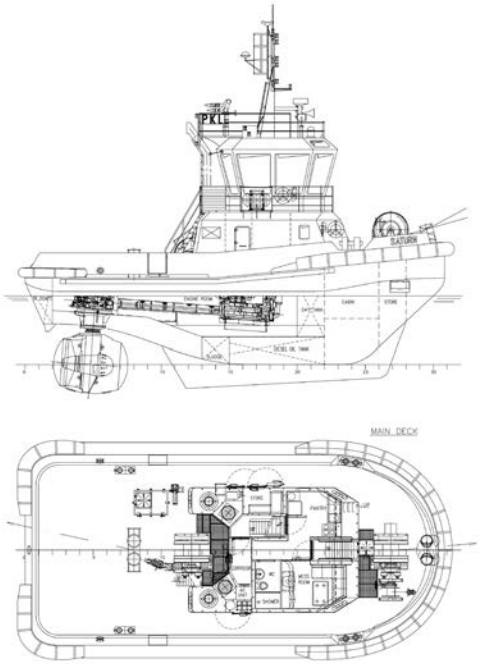
DESIGN
The vessels have been built according to the project prepared by NED – Naval Engineering & Design (presently Remontowa Marine Design & Consulting).

OWNER
WUŻ – Shipping and Port Services Gdynia Co. Ltd.

YEAR OF DELIVERY
B830 – 2007 / B848 – 2009

B 840/1,2 HARBOUR TUGS

REMONTOWA SHIPBUILDING | MEMBER OF REMONTOWA HOLDING S.A.



VESSEL'S NAMES
B 840/1 – "Saturn"
B 840/2 – "Uran"

CLASS
DNV +A1R4 Tug, Ice Class 1A, EO

DESCRIPTION
Single-deck tractor tug with two azimuth thrusters located under the hull in fore part, destined to work in harbours.

MAIN PARTICULARS

Length over all	19,00 m
Breadth moulded	9,00 m
Depth to Main Deck	3,80 m
Design draught	4,20 m
Speed	10 kn
Bollard pull	35 Mt
Complement	2+2 persons

TANKS' CAPACITIES

Fresh Water	3,50 m^3
Fuel Oil	49,00 m^3

PROPULSION

Main Engine	2 x 1050 kW (at 1600 RPM)
Shaft Line with Propeller	2 x Intermediate Shaft
	2 x Azimuth Thruster

GENERATING SETS

Generating Set	1 x 66 kW (at 1500 RPM)

DECK EQUIPMENT

Deck crane	1 electro-hydraulic arm
	530 kg/4 m
Windlass	1 x hydraulically driven
Hydraulically towing winch	1 x aft – pull 35 t
	1 x fore – pull 30 t
Towing hook	30 t
Bollard	30 Mt

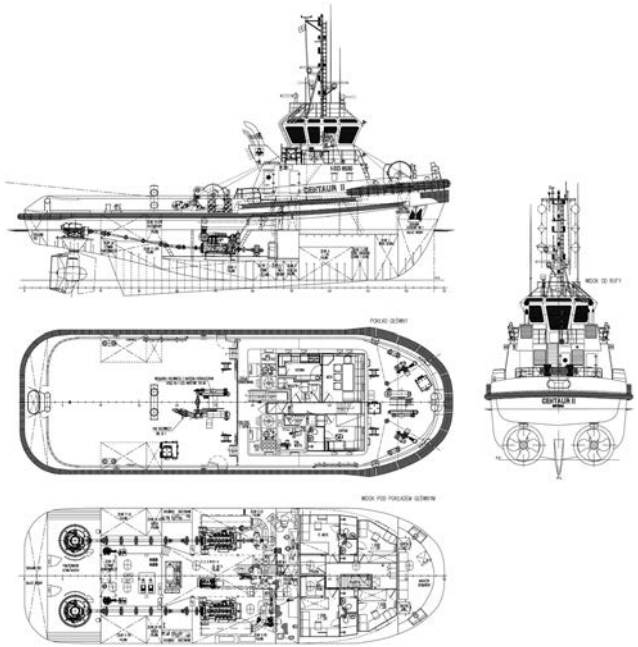
DESIGN
The vessels have been built according to the Owner's principal design Class documentation prepared by NED – Naval Engineering & Design (presently Remontowa Marine Design & Consulting).

OWNER
CITYCOM OU Estonia

YEAR OF DELIVERY
2004–2005

B 845 AZIMUTH STERN DRIVE TUG

REMONTOWA SHIPBUILDING | MEMBER OF REMONTOWA HOLDING S.A.



VESSEL'S NAME
B 845/1 – "Centaur II"

CLASS
PRS notation KM II L3 TUG

MAIN PARTICULARS

Length over all	30,30 m
Length in waterline	29,60 m
Breadth moulded	9,80 m
Depth to Main Deck	4,85 m
Design draught	3,65 m
Maximum draught	4,60 m
Deadweight	210 t
Bollard pull astern	44 t
Bollard pull ahead	45 t
Speed	13,3 kn
Complement (harbour/sea)	5/8 persons

TANKS' CAPACITIES

Fuel oil	95,50 m^3
Potable water	22,40 m^3
Ballast water	46,70 m^3
Foam	52,00 m^3

PROPULSION

Main Engine	2 x 1425 kW (at 1600 RPM)
Azimuth Thrusters	2 x Azimuth Thruster with ducted propeller FP
Oil Burned Boiler	1 x 100 kW
Generating Sets	2 x 100 kW

MOORING EQUIPMENT
One (1) hydraulically driven capstan, located aft, locally controlled;
Eight (8) mooring chocks;
Four (4) double bollards;
Two (2) single bollards;
Two (2) rollers.
Single towing bollard located on the Main Deck at the bow;
Towing chock in the bulwark at the bow.

LIFE- SAVING EQUIPMENT
Two (2) inflatable life-rafts in containers with hydro-static releases;
Two (2) complete life-buoys with life-lines;
Two (2) complete life-buoys with life/smoke buoys;
Six (6) survival suits;
Eight (8) life jackets.

TOWING EQUIPMENT
Hydraulically driven towing winch with two-section drum located forward of the deckhouse;
Hydraulically driven towing winch with two-section drum divided into service and storage sections located aft of the deckhouse;
Both winches controlled either locally or remotely from the wheelhouse;
Double towing bollard with a towing hook, located aft of the winch;

NAVIGATION AND COMMUNICATION
GMDSS Sea Area A2 Radio Station

DESIGN
The vessels have been built according to the project prepared by NED – Naval Engineering & Design (presently Remontowa Marine Design & Consulting).

OWNER
WUŻ – Shipping and Port Services Gdynia Co. Ltd.

YEAR OF DELIVERY
2007

REMONTOWA SHIPBUILDING

MEMBER OF REMONTOWA HOLDING S.A.

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