



SPECSHEET | MOTOR TUG

EEMS Wrangler

(Towing / Anchor Handling / Salvage Support / FIFI-2)

SPECSHEET

General information

IMO:	9274783
CALL SIGN:	PGUI

Dimensions

Length Overall:	47.23 m
LBP:	42.58 m
Moulded Breadth:	14.00 m
Moulded Depth:	6.80 m
Maximum Draft:	5.32 m

Tonnages

GRT:	1383
NRT:	414
Deadweight:	1200 t

Machinery / Propulsion / Manoeuvring

Main Engines:	Caterpillar 2x 8M32C
Shaft Generator:	2 x 1250KVA, 450V-60Hz
Auxiliary Generator:	2 x Volvo Penta 260KW, 450V-60Hz
Emergency Generator:	1 x Volvo Penta 120KW, 450V-60Hz
Bow Thrusters:	1 x Ulstein transverse, 600KW
Propulsion:	2 x SCANA CPPs in Kort nozzles
Rudders:	2 x BECKER rudders
Manoeuvring controls:	SCANA Joy-stick control ford & aft
Fresh Water Generator:	1 x Alfa Laval JWP-16-C50, 8 t/day 1 x Watertek AWS440-10 10 t/day

Deck Capacity

Clear main deck area:	192 m ² (16 x 12 m)
Main deck cargo load:	250 t

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Cargo Capacity

Fuel oil:	500 t
Fresh water:	220 t
Drill Water Dual Tanks:	250 t
Rec-Oil:	100 t
Chain Lockers:	80 m ³
Foam Tank:	36 m ³
Dispersant Tank:	5.2 m ³
Bollard pull:	126,0 t

Registration

Year Built:	2003
Builder:	ISA Produzione SRL, Ancona (Italy)
Port of Registry/Flag:	Delfzijl, The Netherlands
Class:	RINA
Class Notation:	Salvage Tug; Oil recovery ship – flash point >60°C; Fire-fighting ship-2; Unrestricted navigation; +AUT-UMS; TPF (KN) 1597

Anchor Handling Capacity / Deck Equipment

Winch:	1 x Brattvaag waterfall double drum winch; Type -SL180W-2T
Static Pull:	190 t (stalling pull)
Cable lifter:	Port-76 mm rig chain; Starboard-82 mm rig chain
Break holding load:	250 t (1 st layer on towing/a' handling drums)
Main Towing Wire:	1000 m x 64 m
Spare Tow Wire:	1000 m x 64 m (on underdeck motorized drum)
Stern Roller:	4 x 2.5 m; SWL 320 t
Tugger Winch:	1 x 10 t; 120 m x 26 mm wire
Capstan:	1 x 10 t
Towing Pins:	1 set x KARM; SWL 250 t; remotely operated 1 x KARM; SWL 400 t; remotely operated
Wire Tension Meter:	Fitted for main towing wire
Towing Hook:	1 x 90 t SWL; remotely operated quick release
Anchors & Cables:	2 x 1750 kg bow type; chain 36 mm x 380 m each
Deck Crane:	1xSORMEC M40/1S; SWL 4.2t@6 m; 2.35t@12.5m

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Refrigerated Storage Capacity

Deep freezer:	15m ³ at -20°C
Chiller room:	18m ³ at +5°C
Dry provision store:	24m ³ at +10°C

Safety equipment

Personnel equipment:	Certified for 23 persons on board
Rescue boat:	1 x 6 persons; rigid hull on davit

Navigation & Communication equipment

2 x Radars, 1 x Gyro and 1 x Magnetic compass, 1 x Speed log, 1 x Echo-sounder, 2 x GPS and other equipment compliant with applicable regulations; GMDSS Areas A1+A2+A3 compliant with 2 INMARSAT C terminals; Voice & Data 1 x Thuraya XT-Lite.

Wheelhouse

Panoramic view and full control on working deck area. Forward and Aft controls for main engines, bow thruster and steering including joy-stick control; Aft for towing/anchor handling Equipment and FIFI system.

Accommodation

Master/Chief Engr.:	2 x single bed
Officers:	3 x single bed
Crew:	5 x double beds: 1 x four beds
Passenger:	1 x four beds
Total accommodation:	23 persons
Hospital:	1 x single bed

Vessel is centrally air-conditioned

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Cargo Discharge Capacity

Fuel Oil:	1 x 50 m ³ /hr @60 m head
Fresh Water:	1 x 50 m ³ /hr @33 m head
Drill Water:	1 x 50 m ³ /hr @60 m head

Fire Fighting Equipment

FIFI:	FIFI Class-2 certified and compliant
Fire Fighting pumps:	2 x 3600 m ³ /hr each; total capacity 7,200 m ³ /hr Port side FIFI pump fitted with low expansion foam mixer
Water curtain:	Self-protection from FIFI pumps: 2 x 400 m ³ /hr @40m head water spray protection
Fire Monitors:	4 x fire monitors, remotely operated from wheelhouse, 1800 m ³ /hr each @ 12.50 bar
Length of throw:	150 m each monitor
Height of throw:	70 m each monitor
Foam system:	1 x Portable High Expansion Foam unit of capacity 100 m ³ /min able to operate for minimum
Manufacturer:	Nijhuis Pompen, Winterswijk (The Netherlands)
Fire Extinguishers:	As per applicable regulations

Anti-pollution

Fixed spray booms:	Fitted for oil spill dispersant with pump
Containment boom:	200 m
Storage tanks:	3 x 50 t capacity
Oil Skimmer:	1 x 125 m ³ /hr capacity with power pack
Workboat:	1 x 200 hp
Status:	Maintained ashore ready for mobilization

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