



SHOALBUSTER® 3815 SD

YN 571738

GENERAL

Yard number	571738
Delivery date	-
Basic functions	Towing, mooring, pushing, anchor handling, dredge support
Classification	Bureau Veritas HULL • MACH, Unrestricted Navigation (Anchor Handling; Tug 16 t) • AUT UMS, Green Passport, Inwatersurway
Flag	Dutch
Owner	-

DIMENSIONS

Length overall	38.2 m
Beam molded	15.0 m
Beam overall (Incl. fender)	15.9 m
Depth molded (at ½ L)	2.7 m
Draught @ 98% Condition	1.6 m
Deadweight @ 98% Condition	249 t
Min. Draught	1.2 m
Deck load (Fr. 0 to Fr. 9)	15 t/m ²
Deck load work deck	3 t/m ²

TANK CAPACITIES

Fuel oil	163.3 m ³
Fresh Water	68.6 m ³
Lube Oil	2.9 m ³
Dirty Oil	2.9 m ³
Sewage	8.6 m ³
Bilge Water	12.0 m ³

PERFORMANCES

Bollard pull max	16.0 t
Speed	8.5 Kn

PROPULSION SYSTEM

Main engines	4x Caterpillar C12-TA
Total Power	1148 bkW (1540 bhp) @1800 rpm
Gearboxes	4x Reintjes WAF244L / 3,522:1
Propulsion	4x Promarin fixed pitch propeller
Diameter	4x 1000 mm in v.d. Giessen Optima nozzles
Bow thruster	2x 122 bhp, Electrical driven Kalkman Beta 122E, 90EkW, 60Hz, 440VAC, Ø 642mm tunnel

ELECTRICAL EQUIPMENT

Main Generator Sets	2x Caterpillar C-04.4
Capacity	2x 107 kVA, 50 Hz, 230/400VAC
Auxiliary Generator Set	1x Caterpillar C-9TA
Capacity	1x 250EkW, 60Hz, 1800rpm, 440VAC

DECK LAY-OUT

Anchor	2x 470 HHP
Chain	2x 140m, 19mm Stud Link, U2
Anchor Winch	2x Kraaijveld KAB-1-H-17,5D
Deck Crane	1x Heila HLRM 140-4SLK, 5.1 ton @ 18.0 m / 15.6 ton @ 7,64 m
Anchor Handling / Towing Winch	1x Kraaijveld KA-15-H-TR/TR Towing pull 40,0 ton @ 6,0 m/min @ 1st layer, slack 18,0 m/min, holding force 72,0T, wire capacity 1x 650m Ø 32mm. Anchor handling pull 40,0 ton @ 6,0 m/min @ 1st layer, slack 18,0 m/min, holding force 72,0T, wire capacity 1x 300m Ø 32mm.
Towing Pins	1x WK 35T BP, 2 flipper, 1 chain stopper for 75T SWL
Tugger Winch	1x Dromec HPV-12000 12T @ 20m/min 1st lay

SECONDARY SHIP SYSTEMS

Transfer Pumps	AZCUE, CA-80/20, 50 m ³ /h @ 4.75 bar
Fuel Oil Separator	Westfalia, OTC2, 1200 l/h @ 0.5 bar
Hydraulic Set	Electrical driven with two E-motors 68EkW, 60Hz, 1800rpm, 440VAC

ACCOMMODATION

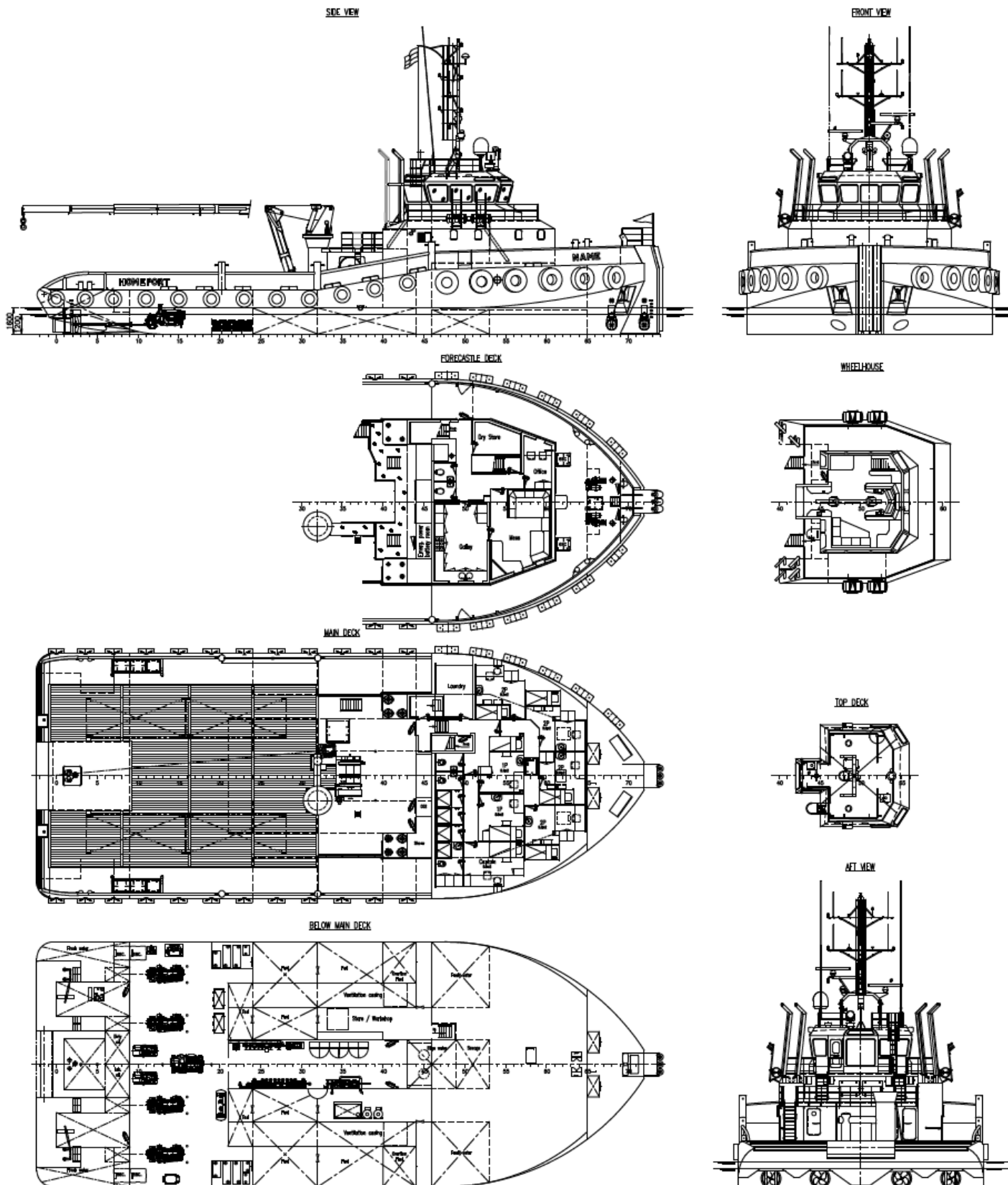
Heated and air-conditioned living spaces for 11 persons, consisting of a captain's cabin, and four double crew cabins, and two single crew cabin, a galley and a mess and sanitary facilities.

NAUTICAL AND COMMUNICATION EQUIPMENT – GMDSS A3

Searchlights	2x Pesch 2000W
Radar	1x Furuno, FAR-1518BB
Magnetic compass	1x Cassens & Plath, Reflecta 1
Gyro compass	1x Anschuetz, Standard 22 compact
Autopilot	1x Simrad, AP-70
EPIRB	1x Jotron, TRON-60S
SART	1x Jotron, Tron Sart-20
GPS	1x Furuno, GP-170D
Echo sounder	1x Furuno, FE-800
Intercom	1x Phontech, CIS-3101
Watch alarm	1x Furuno, BR-500
VHF	2x Thrane & Thrane, RT6222
Portable VHF	2x Jotron Tron, TR-30
SSB radio	1x Thrane & Thrane, Sailor 6310
INMARSAT-C	2x Thrane & Thrane, Sailor 6110
NAVTEX	Furuno NX-700
AIS	1x Furuno FA-170
Radio/TV antenna system	1x Naval, MK 22 CA

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DAMEN

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