

Shoalbuster 3612

STANDARD



GENERAL

Basic functions

Classification

Towing, mooring, anchor handling, pushing, support,
Bureau Veritas
I * HULL * MACH
Offshore support vessel (Anchor handling, Tug (design bollard pull 70 ton))
Unrestricted navigation
• AUT UMS, CLEANSHIP,
DYNAPOS AM/AT

DIMENSIONS

Length overall	35,75 m		
Beam overall	12,48 m		
Beam moulded	12,00 m		
Depth	4,30 m	Deadweight ↓	
Draught aft	3,00 m	-	190 ton
Draught aft	3,20 m	-	250 ton
Draught aft max	3,50 m	-	340 ton
Cargo deck area	140 m ²		
Gross tonnage	499 GT		

TANK CAPACITIES

Fuel oil	250,0 m ³
Fresh water	30,0 m ³
Fresh water aft	40,0 m ³
Sewage	5,7 m ³
Dirty oil	5,4 m ³
Lubrication oil	3,8 m ³
Bilge water	6,1 m ³
Hydraulic oil	2,5 m ³
Residue	2,3 m ³
Urea	12,0 m ³

PERFORMANCES

Bollard pull	70,0 t
Speed	12,5 kn

PROPULSION SYSTEM

Main engines	3x Caterpillar 3512C HD+ (B-rating)
Single power engine	1425 bkW @ 1600 rpm
Total propulsion power	4275 bkW
Gearboxes	3x Reintjes WAF 773, 7,087:1 Trolling V-ADS system 3x Promarin fixed pitch propeller 3x 2250 mm in Optima nozzle 1x 350 HP, Electrically driven, Ø 1.2 m 2x 100 HP, Electrically driven, Ø 0.6 m
Propulsion	
Propeller diameter	
Bowthruster	
Sternthruster	

AUXILIARY EQUIPMENT

Generator sets	3x Caterpillar C4.4 – Parallel executed
Capacity	3x 124 kVA, 99 ekW, 230/400V, 50 Hz
Generator on CL main engine	1x 900 ekW, clutchable
Hydraulic system	2x E-motors 125 ekW and 1x 75 ekW,
General service pumps	2x Azcue, 50 m ³ /hr
Bilge water separator	1x Facet, CPS2.5
Fuel oil transfer pump	1x Azcue, 50 m ³ /hr
Fuel oil separator	1x Alfa Laval, MIB503, 1000 l/hr
Fresh water transfer pump	1x Azcue, 50 m ³ /hr
Sewage treatment	1x Selmar Blue Sea 3500
Lighting	LED
Silencers / aftertreatment	Damen Marine systems type 20

DECK LAY-OUT

Anchor	2x 495 kg HHP with chain 247 m, Ø 24 mm
Anchor winch	2x Kraaijeveld
Deck crane	1x HS Marine AKC290 LHE3 25,1 ton @ 8,3 m, 11,3 ton @ 16,5 m 1x Kraaijeveld KAS-50/2/TR/TR Pull 72 ton @ 10 m/min, BHL = 190 ton wire capacity 1000 m Ø 52 mm Pull 120 ton @ 6 m/min, BHL = 190 ton wire capacity 800 m Ø 52 mm Mac Gregor Sharkjaws H200 and Guidepins S-115 Width 5.0 m, diameter 1.2 m 2x Dromec HPV-12000, 12 t @ 5 m/min
Waterfall winch	
> Towing part	
> Anchor handling part	
Towing pins	
Sternroller	
Tugger winch	

ACCOMMODATION

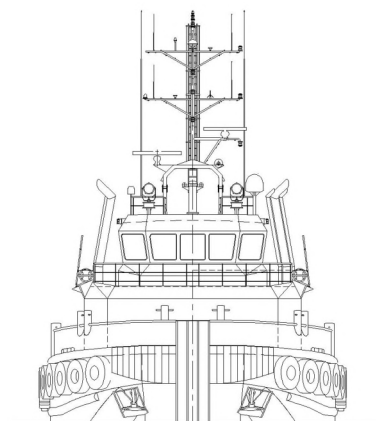
Heated and air-conditioned living spaces for 15 persons, consisting out of three single officer cabins, four double crew cabins and two double guests cabins. The galley, mess, store and office are provided on forecastle deck.

NAUTICAL AND COMMUNICATION EQUIPMENT – GMDSS area A3

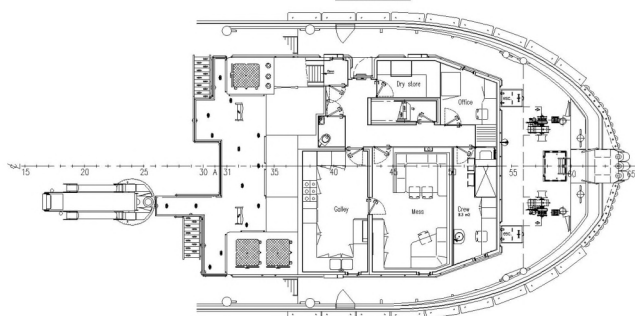
Searchlight	3x Pesch 2000W
Dynamic positioning system	Praxis Mega-Guard
Radar system	2x Furuno FAR 2218
Magnetic compass	1x Cassens & Plath, reflecta 1
Autopilot	1x Simrad, AP-70
Gyro compass	2x Anschutz, Standard 22 compact
EPIRB	1x Jotron, Tron-60S
SART	1x Jotron, Tron Sart-20
GPS	1x Furuno, GP-170
AIS	1x Furuno, FA-170
Echosounder	1x Furuno, FE-800
Speedlog	1x Skipper, EML-224
Intercom	1x Phontech, CIS3000
ECDIS	1x Furuno, FMD-3100
Watch alarm	1x Furuno, BR-500
VHF / DSC	2x Cobham, Sailor 7222
Handheld VHF	2x Jotron, Tron TR-30
SSB	1x Cobham, Sailor 6310
Inmarsat-C	2x Cobham, Sailor 6110
Naxtex	1x Furuno, NX-700A

➤ Selected makes and types are only to indicate quality of equipment and are not definite.

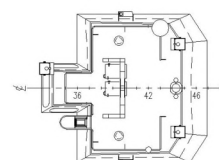
STANDARD



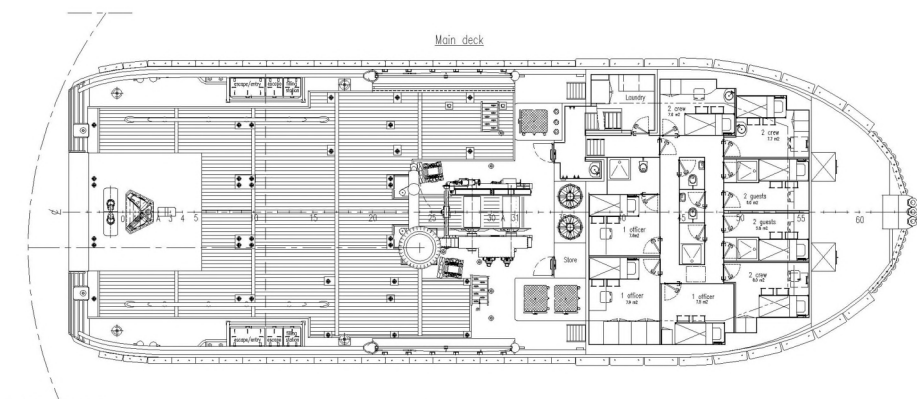
Forecastle deck



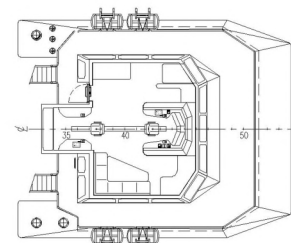
Top deck



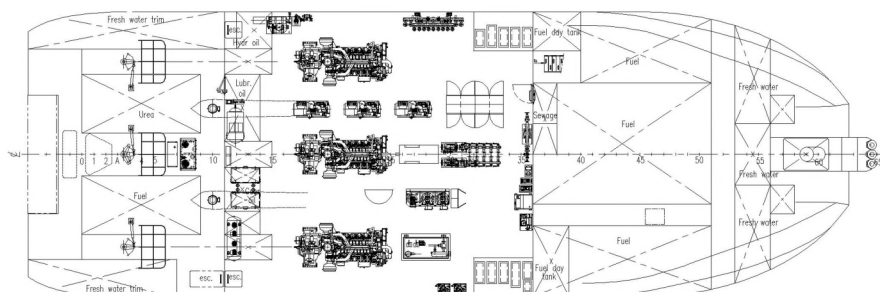
Main deck



Wheelhouse



Below main deck



PROPOSAL