

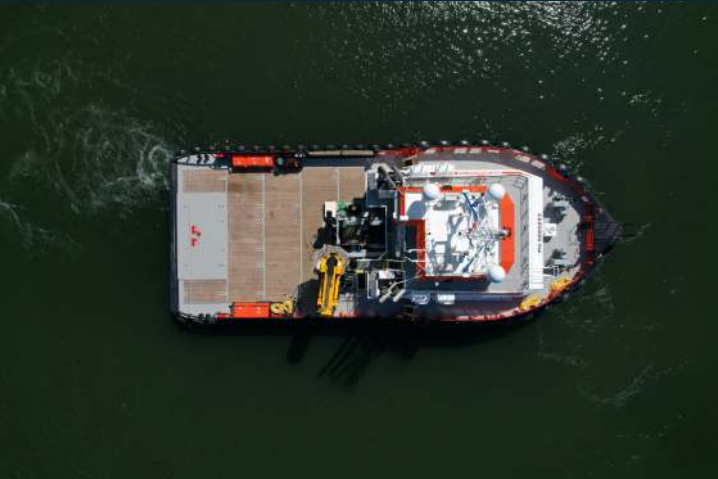


# “Brutus”

## DP2 - Shoalbuster 3514 - Hybrid

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The Netherlands

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### GENERAL

Type : Ultra-shallow Shoalbuster 3514SD DP2 Hybrid  
 Basic functions : Towing, anchor handling , dredge support, offshore wind support, oil & gas support  
 Classification : Bureau Veritas I 3/3 {E} \* Dynapos AM/ AT-R Offshore support, Hull \* MACH, Auth UMS, Cleanship, Green passport  
 Nat. Authorities : Dutch flag, Unrestricted navigation  
 Call sign : PCWL  
 I.M.O. No. : 9885893  
 MMSI No. : 244711000

### DIMENSIONS

Length : 35.55 m  
 Width : 14.37 m  
 Min draft : 2.45\* m  
 Max draft : 2.85 m  
 GT / NT : 493 GT / 147 NT

### TANK CAPACITIES

Fuel oil : 204.00 m<sup>3</sup>  
 Fresh water : 70.00 m<sup>3</sup>  
 Sewage : 20.00 m<sup>3</sup>  
 Grey water : 20.00 m<sup>3</sup>  
 Dirty oil : 4.80 m<sup>3</sup>  
 Lub. oil : 5.80 m<sup>3</sup>  
 Hydraulic oil : 1.50 m<sup>3</sup>  
 Bilge water : 5.80 m<sup>3</sup>  
 Urea (IMO Tier III) : 10.0 m<sup>3</sup>

### PERFORMANCES

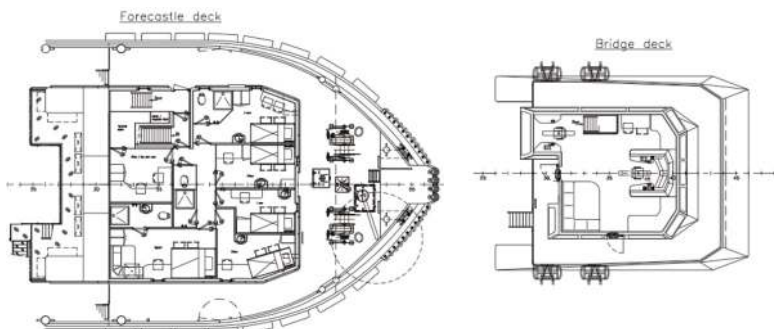
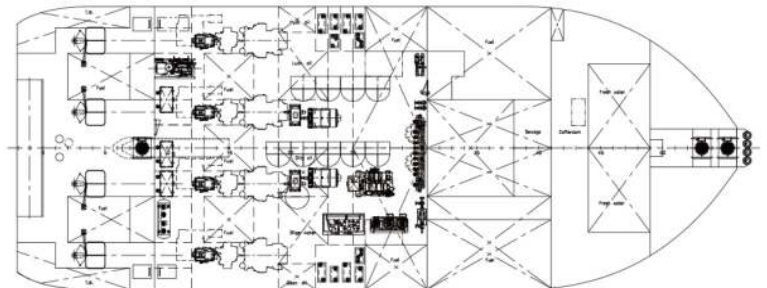
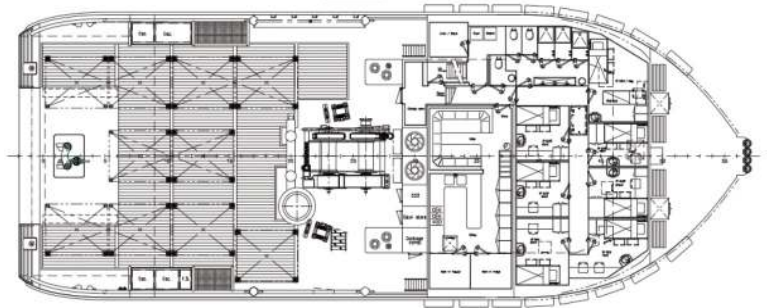
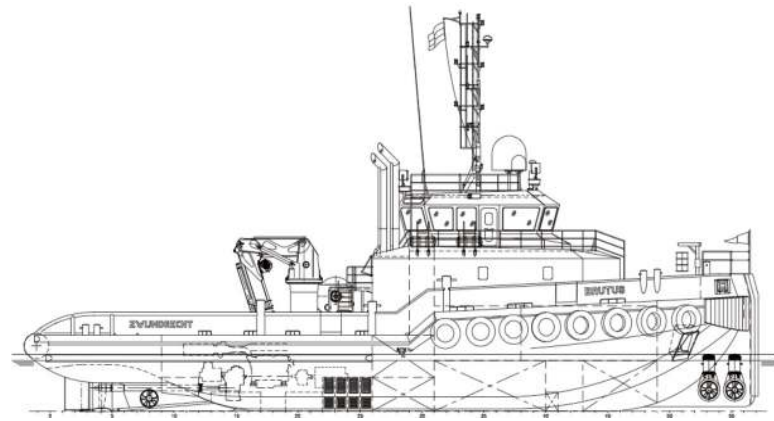
Bollard pull : 61.1 ton (m)  
 Max speed : 13.0 knots

### PROPULSION SYSTEM

Main engines : 4 x Cat C32 TTA SCAC (IMO Tier III Hybrid)  
 Total power : 3876 bkW (5280 bhp) at 1800 rpm  
 Gearboxes : 4 x Reintjes WAF 765/7.091:1 Hybrid  
 Propulsion : 4 x Promarin fixed pitch propellers  
 Diameter : 4 x 1900 mm in v.d. Giessen Optima nozzles  
 Bowthruster : 2 x 184 kW/ 250 HP  
 Stern thruster : 1 x 184 kW/ 250 HP  
 Rudders : 4x fishtail rudders, 60 degrees each side all rudders are independent controllable

Propulsion system is fully diesel electric-hybrid for fuel efficiency

\* With approx. 50% tank capacity





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### ACCOMODATION

Heated and air-conditioned living spaces for 21 persons  
3x Single cabin  
9x Double cabin (1x hospital)  
1x Client office  
1x Dedicated survey desk on bridge with 19" rack

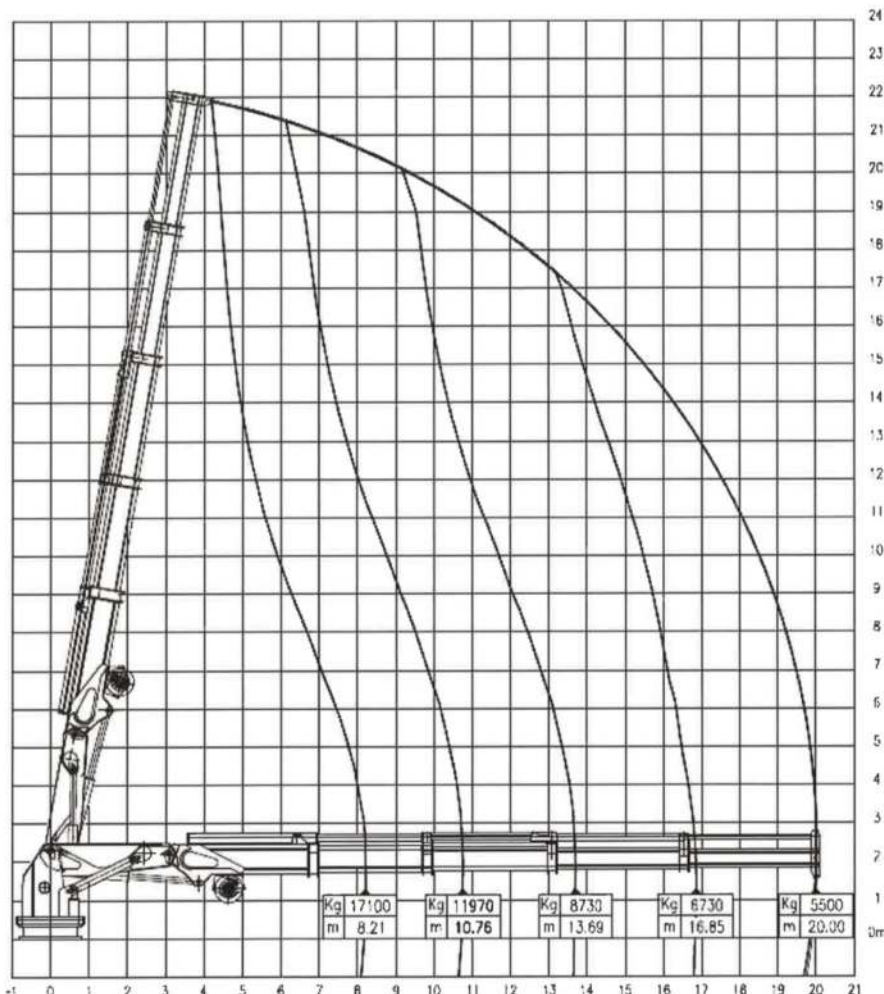
### AUXILIARY EQUIPMENT

Generator sets : 1x Cat. C7.1, 147.5 kVA/118 ekW  
: 1 x Cat. C9.3, 321.5 kVA/ 250ekW  
Fuel separator : 2x Westfalia OTC2 1200l/hr each  
Transfer pumps : Water and fuel: SIHI 50 m3/hr at  
1,5 bar  
Compressors : 2x Alup SCK 9-8 1200 l/min @ 8  
bar  
Hydraulic set : Electrical driven with two  
E-motors 110kW  
and one 52kW, 60Hz  
Fresh water maker : 3,8 m<sup>3</sup>/ 24 hrs  
Sewage plant : 3 m<sup>3</sup> /24 hrs

### DECK LAYOUT

Anchors : 2 x 550 kg Pool  
Chain : 247.5 m shortlink 24mm  
Deck crane : HS Marine AKC 220 LHE4 5,5 T @  
20 m (ROV Ready)  
Anchorhandling winch: 150 Ton pull - 160 ton Holding  
power  
Towing winch : 70 Ton pull - 160 ton Holding  
power  
Tuggerwinch : 2x Dromec 12 ton  
Hydraulic pins : 4 hydraulic handling pins  
Wire stopper : 1 wire stopper  
Maximum deckload : 10 ton/m<sup>2</sup>  
Free deck space : 200 m<sup>2</sup>  
A-frame : option for a 40T hydraulic A-frame  
Containers : 4x 20" + 3x 10" in one time  
4-point mooring : 2 winches forward/ 2 winches aft  
Moon Pool : 800 x 600mm integrated in hull  
Stern roller : 6,75 m wide, 100T SWL

### Aft Crane AKC 220 LHE4



### NAUTICAL AND COMMUNICATION EQUIPMENT

According GMDSS : Area A3  
Searchlights : 3 x 250 W LED Den Haan  
Compass : 1 x Cassens & Plat, Reflecta 1  
Radar system : 2x Furuno FAR-1518BB  
DPS : 2x Kongsberg DPS 110 & 112  
ECDIS : 2x Furuno FMD3100  
V-Sat : 2x Intellian V85X  
TV Satellite : 1x Intellian T100W  
Gyro compass : 3 x Anschuetz compact 22  
Autopilot : 1x Simrad AP-70  
Echosounder : 1x Furuno FE 800  
Dynamic positioning : Kongsberg DP2 system  
Motion referance unit: 2x Kongsberg MRU-2  
Laser reference : 1x Kongsberg SpotTrack  
Navtex : 1x Furuno NX-700A  
AIS : 1x Furuno FA 170  
SSB : 1x Furuno FS-1570 , 150 W.  
Inmarsart C : 2x Thrane & Thrane sailor 6110  
VHF Radio : 3x Sailor RT6222  
Wind sensor : 3x Kongsberg Gill Ultrasonic

For more information about chartering please contact us  
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