



“Siskin” Shoalbuster 2709

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GENERAL

Yard no. : 571624 {Damen Shipyards Hardinxveld}
Delivery date : June 2011
Type : Shoalbuster 2709
Basic functions : Towing, Anchor handling, Dredge support, Supply, Survey, Windfarm support
Classification : Bureau Veritas I 3/3 {E}Tug Unres. Area
Nat. Authorities : Dutch Shipping Inspection continuous service
Callsign : PCLJ
IMO No. : 9563201
MMSI No. : 246804000

DIMENSIONS

LLength : 27.02 m
Width : 9.10 m
Depth at sides : 3.60 m
Depth aft. : 2.63 m
GT/NT : 221 GT / 66 NT

TANK CAPACITIES

Fuel oil : 122.00 m³
Fresh water : 30.10 m³
Sewage : 2.20 m³
Dirty oil : 4.30 m³
Lub. oil : 3.90 m³
Hydraulic oil : 1.60 m³
Bilge Water : 4.30 m³

PERFORMANCES

Bollard pull : 40.0 ton (m)
Speed : 11.9 knots

PROPULSION SYSTEM

Main engines : 2 x Caterpillar 3512 B TA/A
Total power : 2238 bkW (3000 bhp) at 1600 rpm
Gearboxes : 2 x Reintjes WAF 665 / 5.95:1
Propulsion : 2 x Promarin fixed pitch propellers
Diameter : 2 x 2100 mm v.d Giessen Optima nozzles
Bowthruster : 1 x 200 bhp
Rudders : 2 x Fishtail rudders, 45 degrees

AUXILIARY EQUIPMENT

Generator sets : 2 x Cat C-4.4 TA 86.3 kVA, 50 Hz 230/400V
Hydraulic set : 1 x Caterpillar C-09 TA
Fuel seperator : Alfa Laval Mib 303
Compressors : 1 x 150 ltr/min
Transfer pumps : For water and fuel : SIHI 32 m³/hr at 3.5 bar

DECK LAYOUT

Anchors : 2 x 225 kg Pool 110 m shortlink 22 mm chain
Chain : 192,5 m shortlink 17.5 mm chain
Anchor winch : Ridderinkhof , hydraulic
Deck crane : Heila HLRM 140-4SL, 10 ton @ 12.25 m
Towing winch : Ridderinkhof 75 ton / min Holding 100 ton
Anchor handling : Ridderinkhof 40 ton
Capacity : 700 meter for towing 400meter
Towing pins : 3 x Hydraulic tow / anchorhandling pins
Tugger winch : Brevini, 8 ton (m) @ 9m/min
Maximum deckload : 10 ton /m²
Free deck space : 47 m²

ACCOMODATION

Heated and airconditioned living spaces for seven persons, consisting of a captain's cabin , a C.E. cabin , one single crew cabin, two double crew cabins, a galley and sanitary facilities.

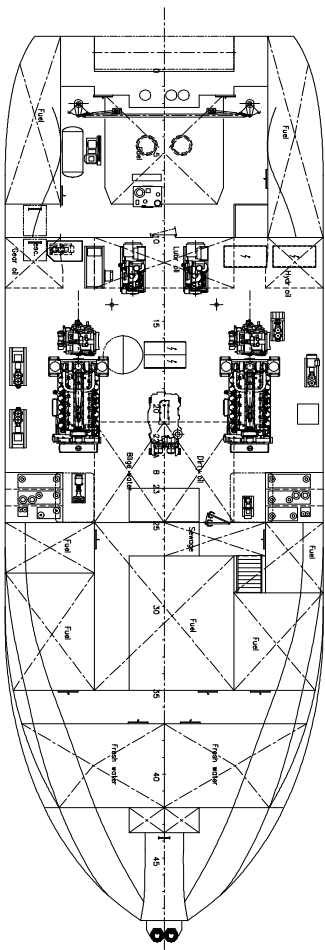
NAUTICAL AND COMMUNICATION EQUIPMENT

According GMDSS : Area A3
Searchlights : 2 x Pesch 1000 W
Magnetic compass : 1 x Cassens & Plath Reflecta 1
Gyro compass : 1 x Anschuetz Standard 22 Compact
Radar system : 1 x Furuno FR-2117B
AIS : 1 x Furuno FA 150
D-GPS : 1 x Furuno GP-150
Plotter : 1 x Tresco ECDIS
Gyrocompass : 1 x Raytheon Anschutz STD 22
Autopilot : 1 x RH Sea/river pilot 75
Echosounder : 1 x Furuno FE 700
Handheld VHF : 2 x Jotron TRON TR20
Watch alarm : 1 x Marble 421
VHF radio telephone : 2 x sailor 5022 with DSC + 1 x sailor 4800
Navtex : 1 x Furuno NX 700
SSB/DSC : 1 x Furuno, type FS-1570
Communication : 1 x Inmarsat C, Satellite telephone, GSM
CCTV : 1 x Orlaco

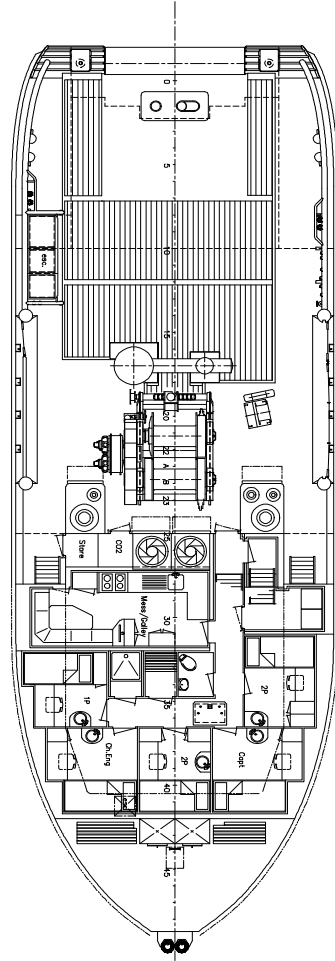


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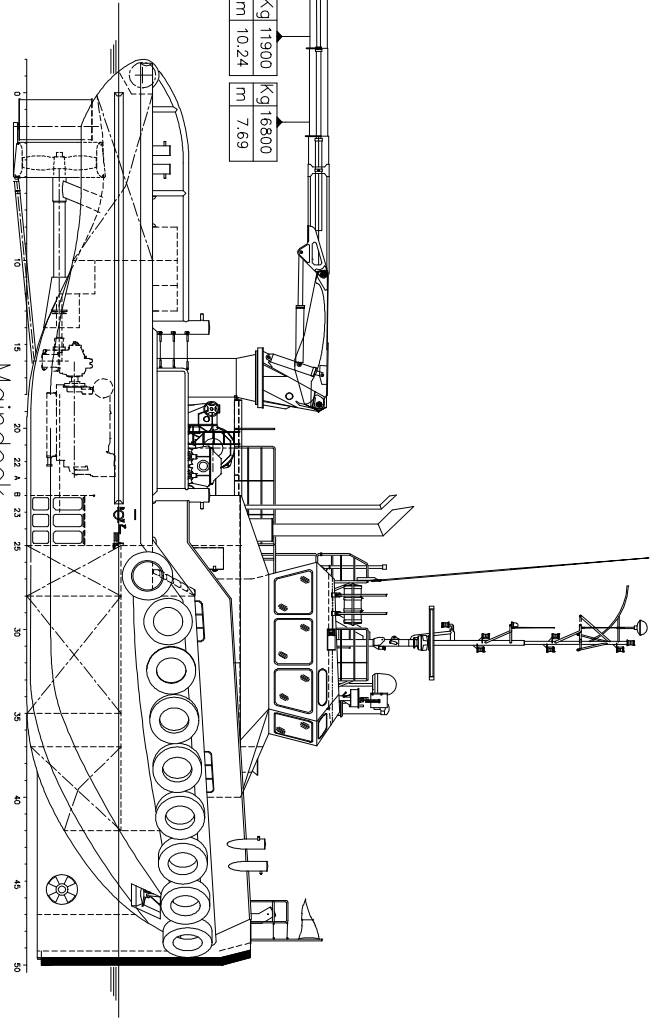
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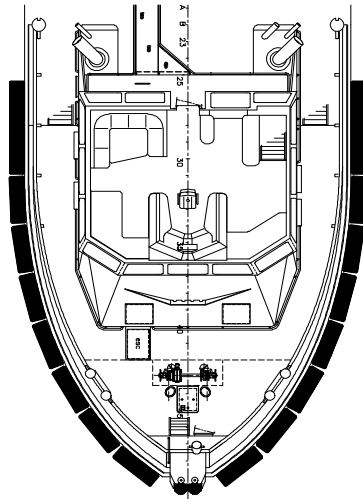
Below maindeck



Maindeck



Kg	5300	Kg	6550	Kg	8500	Kg	11900	Kg	16800
m	18.03	m	15.34	m	12.79	m	10.24	m	7.69



Forecastledeck

PRINCIPLE CHARACTERISTICS	
LENGTH o.o	27.02 mtr.
LENGTH mld	26.78 mtr.
BEAM mld	9.10 mtr.
DEPTH 1/2L	3.60 mtr.