PSV Zarapito

GENERAL

Design	DAMEN - PSV 4500
Shipbuilder / Year	Wilson Sons Shipyard - 2013
Flag	Brazil
IMO Nº	9644158
Port of Registry	Rio de Janeiro
Class	LLOYD'S + 100 A1, +LMC, UMS, DP (AA), *IWS, EP, Offshore Support Vessel

MAIN TECHNICAL SPECIFICATIONS

LOA	89.50 m
Molded Breadth	16 m
Molded Depth	7.8 m
Loaded Draft	6.2 m
DWT	4,533 tons
GRT	4,281

DECK CAPACITIES

Deck Area	840 m²
Deck Strength	5 t/m²
Deck Load	1,800 tons @ VCG 1 m above deck

DECK MACHINERY

Anchor Winch	2 x CAW-C-745 - 9.2 t @ 10 m/min
Capstan	2 x ECR60 - 6.0 t @ 15 m/min
Deck Crane	HMR 80/16-1S 3 t @16 m/7.5 t @ 10 m
Tugger Winches	2 x RW-C-100 - 10 t @ 15 m/min

CARGO / DISCHARGE CAPACITIES

Synthetic Fluid - System I	1,192 m³ (90 m3/h @ 60 m head)[S.G=1.6]
Parafin - System II	296 m³ (90 m3/h @ 60 m head)[S.G=0.7]
Synthetic Fluid - System III	556 m³ (90 m3/h @ 60 m head)[S.G=1.2]
Brine - System IV	1,618 m3 (90 m3/h @ 60 m head)[S.G=2.31]
Dry Bulk - System V	357 m3 (75 t/h @ 60 m head)
Drilling Water - System VI	1,746 m3 (90 m3/h @ 60 m head)

PROPULSION

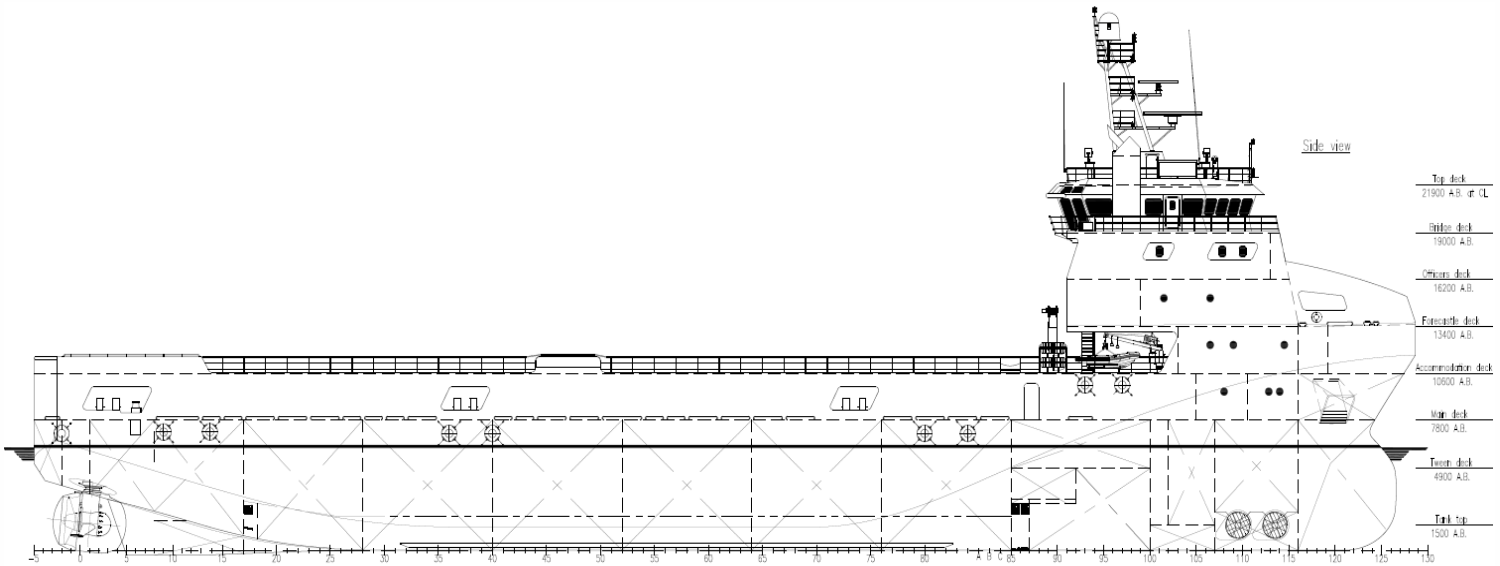
Diesel Electric Propulsion System Main Engines	4 X CAT 3512C TA Marine Aux. Engines 1,632 bkw 1800 rpm
Main Generator	4 X WEG GPW500 2000 KVA, 60Hz, 690 V, 3 phase 1
Eletric Propulsion Motors	2 X WEG WAM560, 2500KW 0-1200 rpm 690 V, 3 phase
Harbour/Emergency Generator	1 X Caterpillar C-09 TA, 238 ekw, 1800 rpm
Thrusters	2 X Ulstein Aquamaster US 285FP
Bow Thrusters	2 X Brunvoll FU 63, LTC 1550, 745KW, 102KW
Service Speed	10 knots

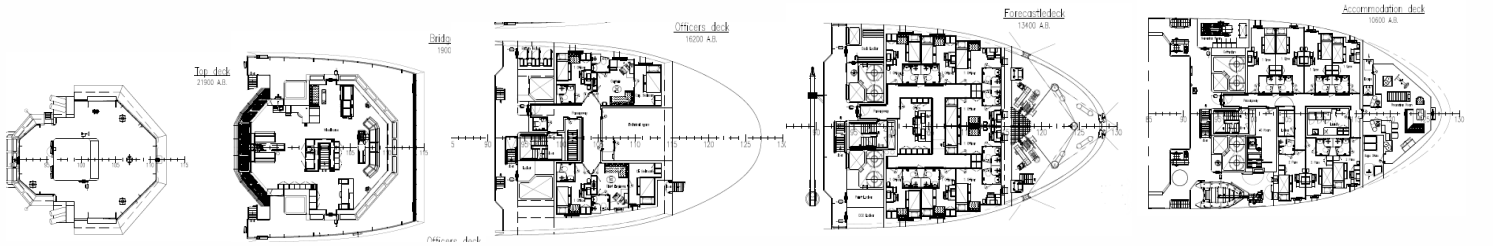
OTHERS

DP-System	Kongsberg KPOS 21 DP2
GMDSS	Área A3
Satellite Data / Phone / Fax :	Data / Voice / Inmarsat-C / Vsat - VoIP

ACCOMMODATION

14 crew / 8 passengers


Side view
Top deck
21900 A.B. at CL
Bridge deck
19000 A.B.
Officers deck
16200 A.B.
Forecastle deck
13400 A.B.
Accommodation deck
10600 A.B.
Main deck
7800 A.B.
Tween deck
4900 A.B.
Tank top
1500 A.B.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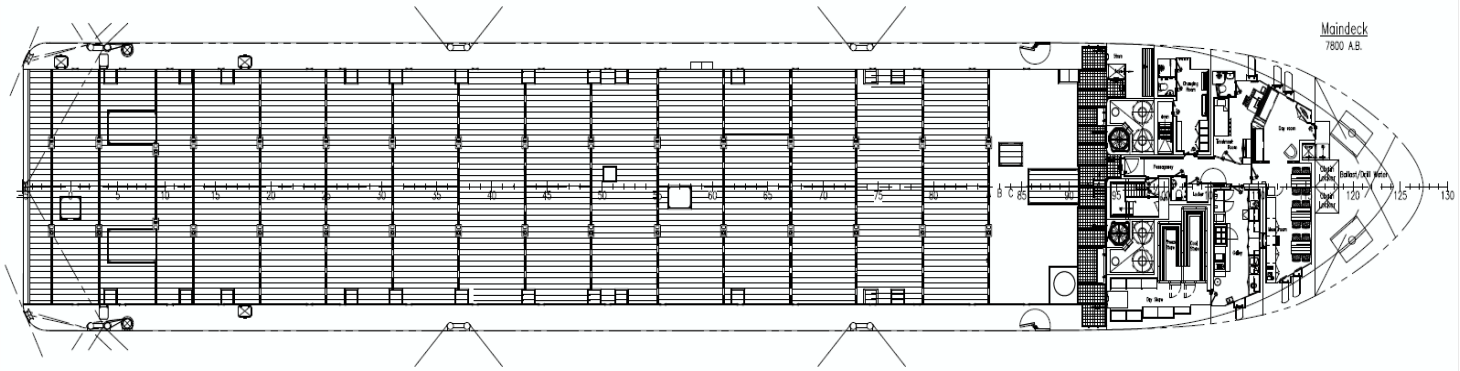
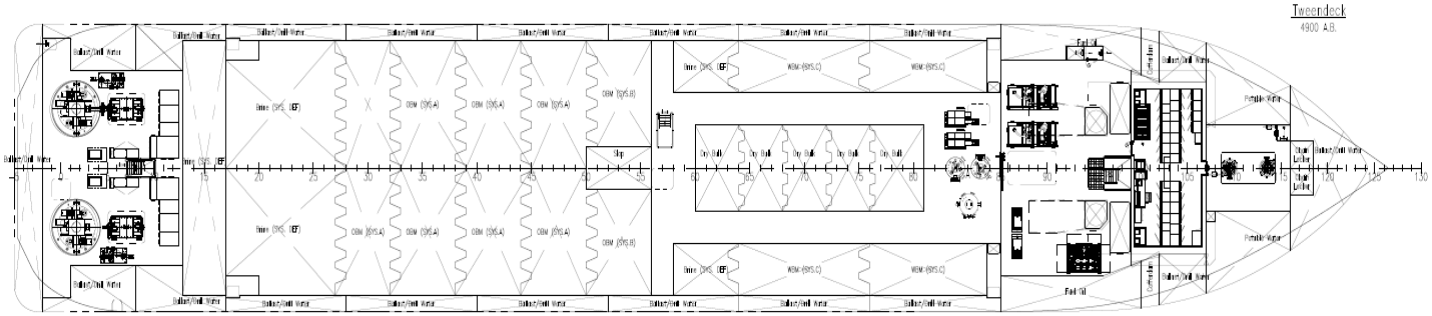
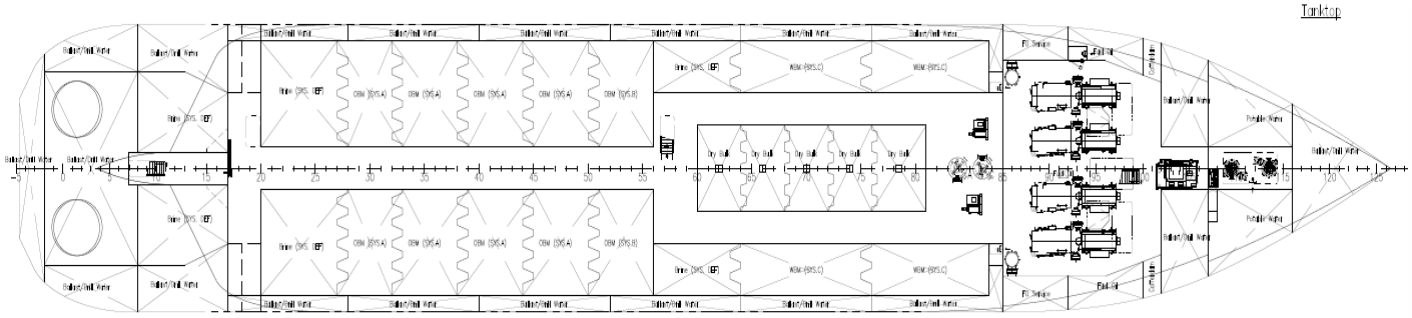

Maindeck
7800 A.B.


Tweendeck
4900 A.B.


Tanktop