OCEAN 7

Ship's particulars

M/V 'PACIFIC DAWN'

Valid as of 01 Sep 2023

Registration	
Call sign	PBTM
IMO number	9558464
MMSI number	245118000
Port of registry	Urk
Flag state	The Netherlands
Shipyard	Hartman Marine Shipbldg.
Year/Place of build	2010/Urk
Class	Bureau Veritas
Class notation	I ✠ HULL ✠ MACH General cargo ship, heavy-cargo, Unrestricted navigation, ✠ AUT-UMS
P&I Club	British Marine
Tonnage	
DWAT	3,500 mt (summer draught)
DWCC	Abt. 2,700 mt
Gross tonnage	2,981
Net tonnage	1,199
Dimensions	
Length over all	105.10 m
Length between p.p.	98.20 m
Breadth over all	15.60 m
Summer draught	5.82 m
Depth moulded	7.40 m
Depth to upper deck	10.00 m
Height from keel to top mast	26.50 m
Hold/hatches sizes	
Number of holds/hatches	1/1
Hold capacity without tweendeck	Abt. 4,395 m^3/155,192 ft^3
Hold capacity with tweendeck	Abt. 4,215 m^3/148,860 ft^3
Lower hold dimensions	31.40 x 11.00 m
Tweendeck dimensions	63.60 x 11.50 m
Weather deck dimensions	74.00 x 15.40 m
Hold height	8.15 m (hold prepared for cable reels up to Ø 8.50 m)
Tanktop/Tweendeck height	3.00/4.65 m
Tanktop floor surface	345 m^2
Tweendeck deck floor surface	694 m^2
Weatherdeck floor surface	950 m^2
	Tweendeck narrowing in fore part.

Deck loads	
Tanktop	15.0 mt/m^2
Tweendeck steel area	12.0 mt/m^2
Tweendeck pontoons	2.5 mt/m^2
Hatch covers	3.4 mt /m^2
Container capacity	
Hold capacity	73 TEU
Deck capacity	149 TEU
Stack weight TEU/FEU	Tanktop: 100/122 mt Hatchcovers: 35/54 mt
Reefer capacity	2 reefer plugs on deck 2 reefer plugs below deck
Hatchcovers/Tweendecks	
Type of hatchcovers	Pontoon hatches
Tweendeck pontoons	6 removable pontoons
Removable bulkheads	Made of 2 TD pontoons
Propulsion/Maneuvering	
Main engine	Wärtsilä 8L32
Propeller type	Variable pitch
Main engine output	3,680 kW
Bow thruster	300 kW
Stern thruster	250 kW
Service speed	15.0 kn
Bunkers/Water capacity	
HFO	408 m^3
MGO	85 m^3
LO	16 m^3
Fresh water	50 m^3
Ballast water	2,534 m^3
Cargo gear	
Cranes on starboard side	2 x Liebherr WLL 120 mt cranes on starboard side
Load/Outreach	120 mt in 3.50-16.0 m 100 mt in 3.50-20.0 m 80 mt in 3.50-24.0 m
Tandem load	Up to 240 mt

All details are believed to be correct but without guarantee/HWS.

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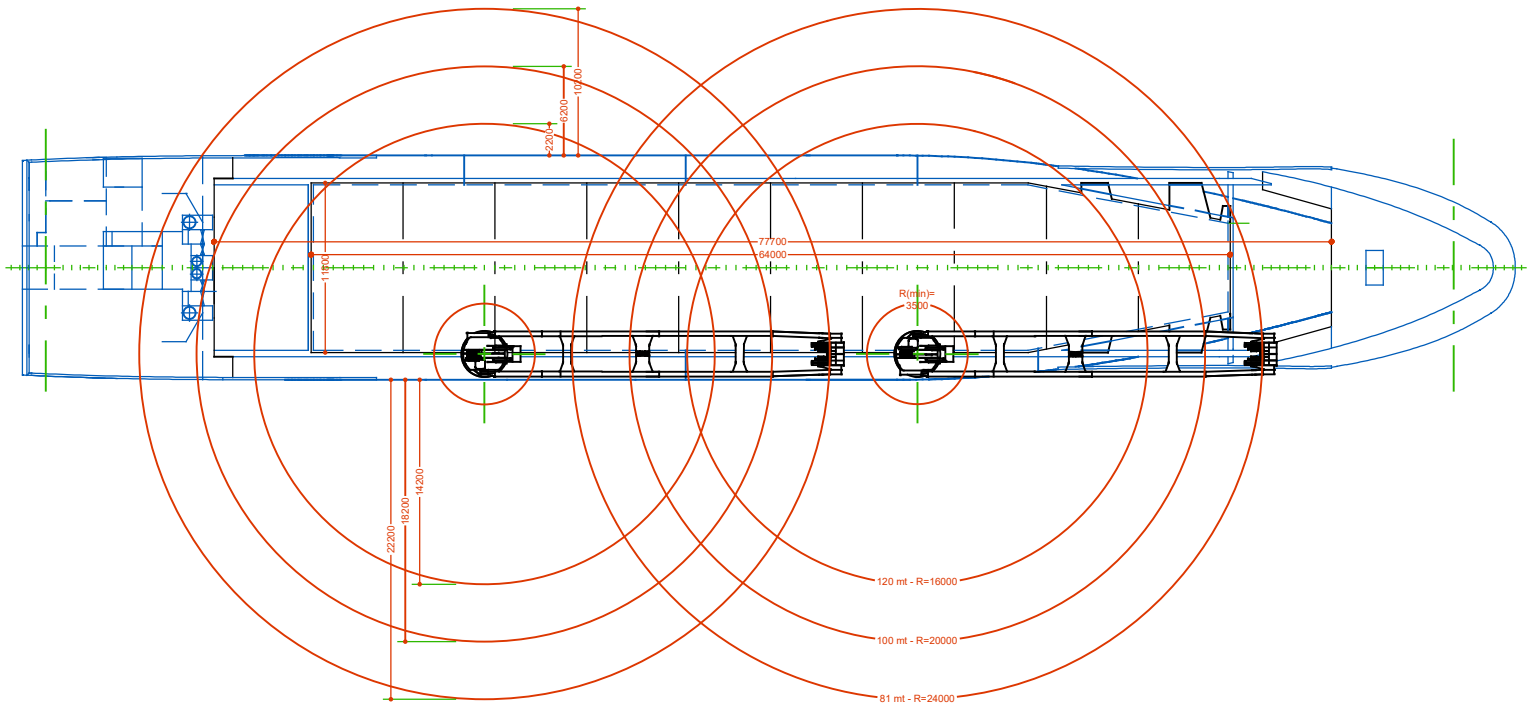
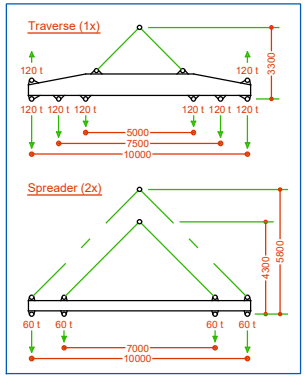
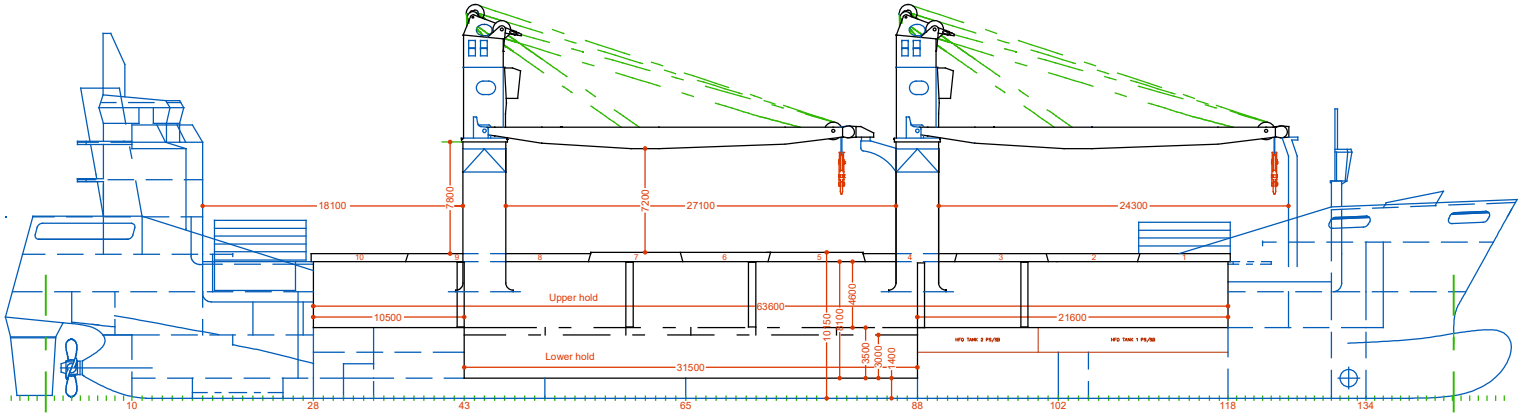
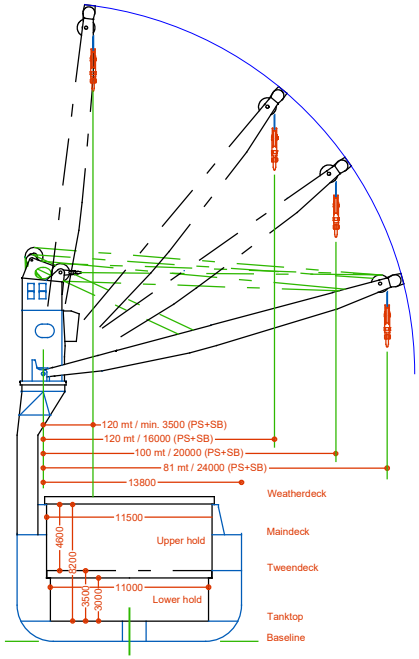
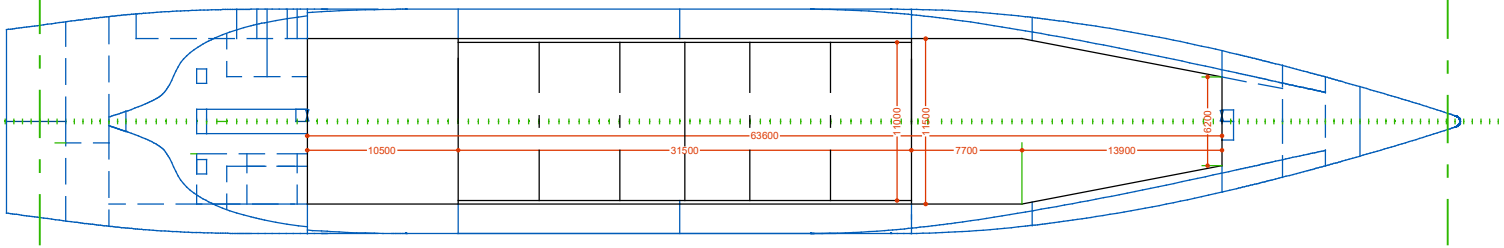
Web: ocean7projects.com


77700
64000
11800
R(min)=
3500
120 mt - R=16000
100 mt - R=20000
81 mt - R=24000
22200
18200
14200
6200
10700
2200


Traverse (1x)
120 t
3300
5000
7500
10000
Spreader (2x)
60 t
4300
5800
7000
10000


18100
7800
7200
27100
24300
Upper hold
10500
63600
21600
Lower hold
31500
10150
11100
4600
3500
3000
1400
HFO TANK 2 PS/SB
HFO TANK 1 PS/SB
10
28
43
65
88
102
118
134


120 mt / min. 3500 (PS+SB)
120 mt / 16000 (PS+SB)
100 mt / 20000 (PS+SB)
81 mt / 24000 (PS+SB)
13800
Weatherdeck
11500
Upper hold
Maindeck
4600
7000
Tweendeck
11000
Lower hold
3500
3000
Tanktop
Baseline


10500
31500
63600
11000
11400
7700
13900
6200

OCEAN 7