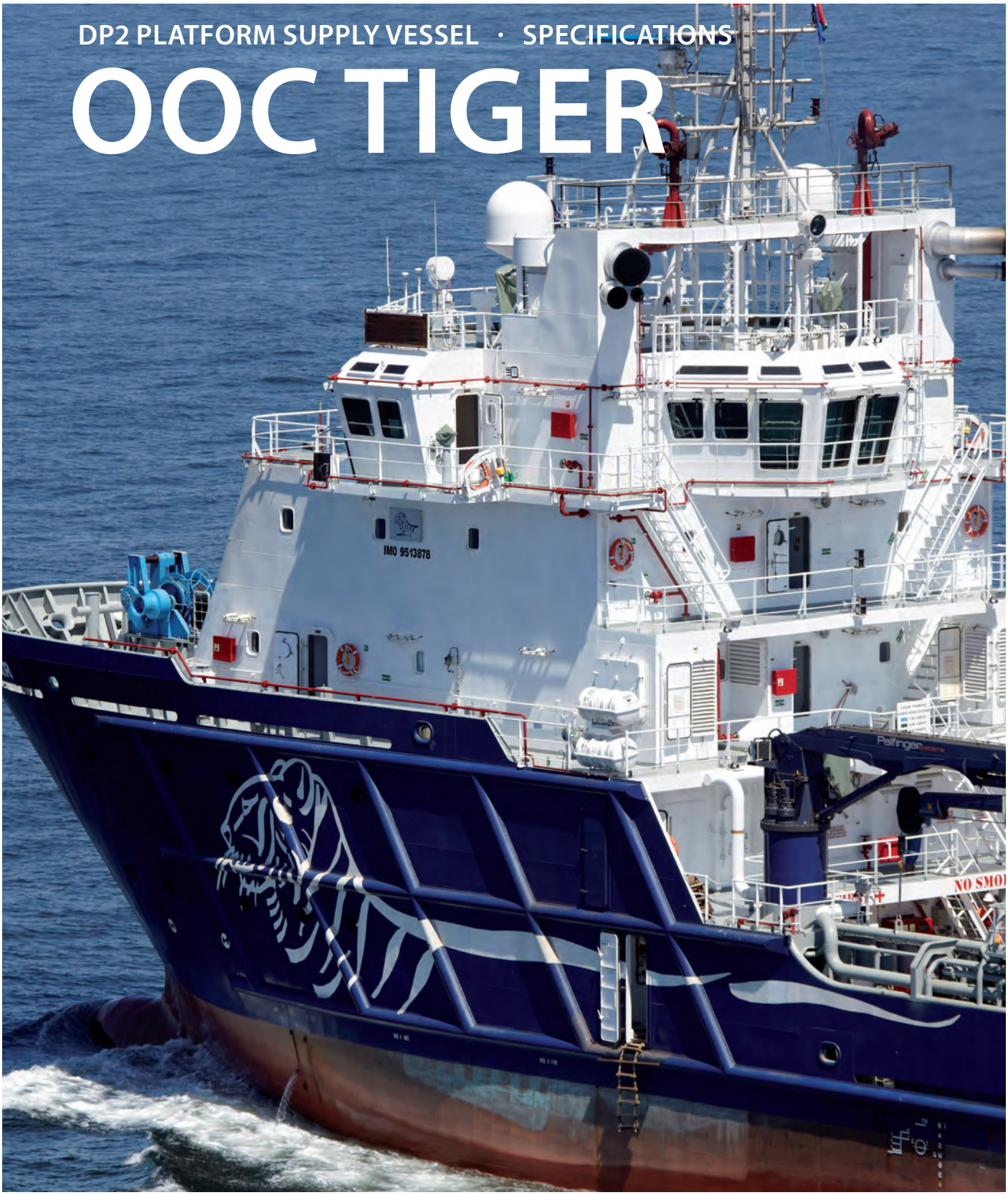
DP2 PLATFORM SUPPLY VESSEL · SPECIFICATIONS

OOC TIGER



ECO FRIENDLY

OPIELOK OFFSHORE CARRIERS

Operators of modern offshore platform supply vessels

OPIELOK

Vessel & Crew Specifications	
General	**OOC TIGER**
Year Built	SEPTEMBER 2012
Flag	Antigua and Barbuda
IMO No.	9529700
Length (OA) X Breadth	79.31 M X 16.0 M
Gross Tonnage	2771
Lightship	832
Fully Loaded (DEAD WEIGHT)	3134
Joystick – DP Class (1/2/3)	DP2 CLASS CONVERTEAM
Class	GL
Propulsion/Manoeuvrability	
BHP	5570 BHP
Number of Engines	2 X GE 12 V 228 MDD11
Bow Thruster Number and BHP	3 X SCHOTTEL 550 KW
Azimuth Thruster (if applicable and BHP)	2 X SCHOTTEL 2050 KW
Propeller Type	Azimuth
Cargo Capacities	
Max Clear Deck Space m2	670 SQM
Max Clear Deck Length and Breadth (mxm)	49.8 M x 13.0 M
Deck Strength	5 T / SQM
Max Deck Cargo (tonnes)	1000 T
Electrical points on deck for reefer containers	4 X 440 V
Fuel Oil m3	583 CU M
Potable Water m3	698 CU M
Drill Water m3	854 CU M
Brine/Mud Tanks m3	757 CU M
Base Oil m3	102 CU M
Liquid Mud loaded and discharged via dedicated lines	YES
Circulation system for Liquid Mud so as to prevent settling	Circulation and agitator
Self cleaning Liquid Mud tanks	YES
Dry Bulk	300 CU M
Number of Dry Bulk Tanks	6
Pumps	
Fuel Oil	150 CU M/ HR @ 8 BAR
Fresh Water	100 CU M/ HR @ 8 BAR
SWB/Drill Water	100 CU M/ HR @ 8 BAR
Base Oil	100 CU M/ HR @ 8 BAR
Liquid Mud / Brine	80 CU M/ HR @ 8 BAR
Bilge/Fire pump	100 CU M/ HR @ 6 BAR
GS Fire Pump	100 CU M/ HR @ 6 BAR
Bulk Cement	80 CU M / HR @5.6 BAR

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Fire Fighting Equipment	
Fire fighting – 1/2/3/ Portable Pack (please state)	FIFI CLASS 1
Fire Pumps	2 X 1660 CU M / HR @ 12 BAR
Monitors – Water/Foam	2 X 1200 CU M/HR
Foam/Detergent	YES
Emergency Fire Pump	35 CU M / HR @ 4.5 BAR
Speed (details abt and wog)	
Speed (max)	Abt 13.5 knts
Speed (economical)/Consumption/day	Abt 11 kts on abt 13 m3 of MGO
Fuel	MGO as per ISO 8217 DMX + DMA
Deck Equipment	
Anchor Windlass	2 x 10t 9m/min
Anchors	2 x 1930 KG + 1 spare
Capstan	2 x 5 T
Tugger Winch (number/capacity/rating)	2 x 10 T
Crane	5 T SWL @ 12 m
Freezer/Chiller	25 m³ @ -18 deg C°/ 25 m³ @ +4 deg C°
Oil Spill Response	
Dispersant Capacity (gallons)	10.8 CU M
Oil Dispersant System	YES
Rescue and Recovery	
FRC/Heave compensated on load release Davit	Fassmer, FRR 6.5 ID-SF
Life rafts	4 x for 25 persons each
LSA	28
Accommodation	
Single Berth Cabins	10
Double Berth Cabins	5
Four Berth Cabins	2
Total Berths	28
Mess	20
Miscellaneous	
Number of officers – STCW Compliant – for continuous 24/7 operations	7
Number of Ratings – STCW Compliant – for continuous 24/7 operations	9

Particulars are believed to be true and correct and subject to revision without prior notice. Interested parties must inspect vessel to check on suitability. Optional items are to be mutually agreed for inclusion/exclusion in vessel specifications.
These details of the vessels particulars vital and incorporated to any contract and are given in good faith.

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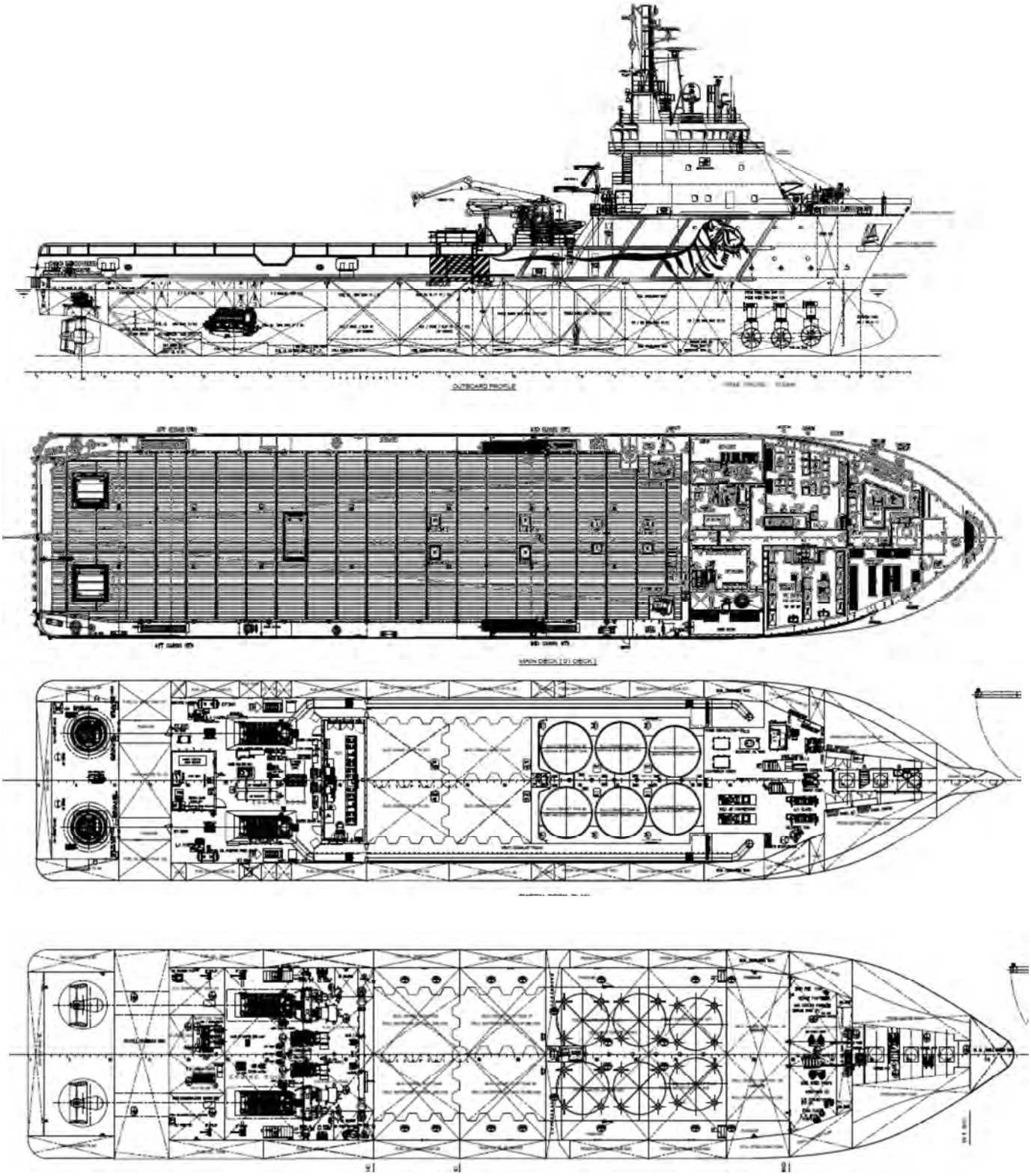

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OOC VESSELS

SPECIAL FEATURES AT A GLANCE

SCHOTTEL AZIMUTH POD PROPULSION SYSTEMS

(ON THE HENDERSON DESIGNS)

Maximum manoeuvrability

Optimum efficiency

Economical operations

Space-saving, payload maximizing installation

Simple maintenance

High reliability

Optimised against cavitation and vibration

Dependable, proved design

CONVERTEAM DP II SYSTEMS

DUAL REDUNDANCY ADVANTAGES No single point failure, the system is designed to avoid a total system failure should a single failure occur. If one system component fails, other components will not be affected. The working part of the dynamic positioning system is designed to detect failures and initiates immediate corrective action.

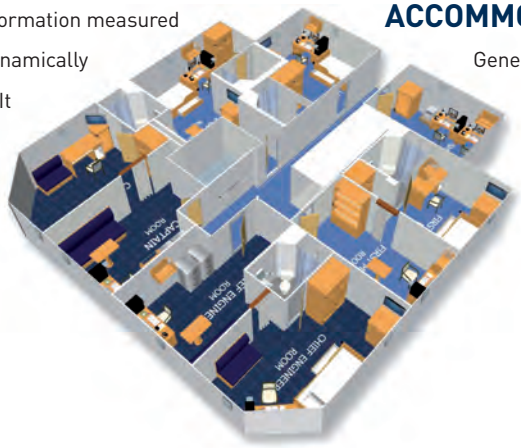
SWITCH-OVER TO HOT STANDBY Should the online computer fail, the system automatically switches over to the hot standby computer.

DYNAMIC POSITIONING OPERATOR INTERFACE

The operator interface is designed for safe, efficient operations in assisting operators in the making of optimal operational decisions.

SKYSAILS PERFORMANCE MONITOR

improves the cost efficiency of ships in real time by continuously combining information measured on board with a range of dynamically evolving economic factors. It provides recommended courses of action optimizing the operation of the vessel with dramatic fuel cost reductions.



MODERN, EFFICIENT BRIDGE LAYOUTS

FAST RESCUE BOATS BY FASSMER

CLASS ONE FIRE FIGHTING

GL COMFORT CLASS ACCOMMODATIONS

Generous, well equipped working, living, recreational and lazaret areas for 28.

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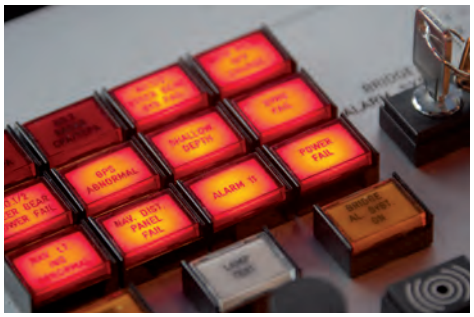
POWER FAIL
ALARM