



Platform Supply Vessel (PSV) - DP 2/ FIFI 1 Deck space 710 m² / 3853 mt deadweight
2015



TYPE : Platform Supply Vessel (PSV) DP2

FLAG : Liberia

PORT OF REGISTRY : Monrovia

OFFICIAL NO :

BUILDER'S YARD :

DELIVERED : 2015

CLASS SOCIETY : BUREAU VERITAS

CLASS ID NUMBER : 25338T

CLASS NOTATION : I X HULL X MACH / Unrestricted navigation /Supply
vessel, LHNS, Oil Product / Fire-fighting ship 1, Water spraying / XAUT-
UMS, X DYNAPOS AM/AT R / CLEANSHIP NDO-7 / Protected FO tank /
COMF-NOISE, COMF-VIB 1 / Oil Recovery Ship, Second-line / SP50

DIMENSIONS

LOA	78.25 m
LBP	71.58 m
MOULDED BREADTH	17.20 m
MOULDED DEPTH	7.80 m
DRAUGHT MAX.	6.30 m
DRAUGHT MIN.	4.50 m
DECK AREA	710 m ²

TONNAGE

GT	3147
NT	1156
DECK CARGO	1,700 mT
DECK STRENGTH	5.00 mt/m ² Frame #17-#29 10mt/m ²
DECK SURFACE	710 m ²
DEADWEIGHT	3853 mt

MACHINERY / PERFORMANCE

MAXIMUM SPEED @ SEA	14.2 kn—23.8 t/day
TRIALS - 100%	
At Service Speed 12 knots	12.0 kn—16.2 t/day
At Service Speed 10 knots	10.0 kn— 10.3 t/day
SERVICE & ECONOMICAL	8.0 kn—6.2 t/day
SPEED - 8 knots	
DP Station keeping	6.0 t/day
MAIN GENERATORS	4 x MTU 1,380 kW @ 1800 rpm, Tier II
ELECTRICAL POWER	440 VAC—60 Hz
EMERGENCY GENERATOR	CAT C9 250 ekW, 440 V— 60 Hz
BOW THRUSTER	Tunnel thruster 2 x 950 kW
PROPULSION	Z-Drive 2 x 2000 kW @1800RPM



TANK	VOLUME(100%)	DISCHARGE RATE	ACCOMMODATION	
FUEL OIL (MGO) Cargo & Domestic	1,200 m ³	2x150 m ³ /h @ 9 bars	Deck 01 -11 x 2 MAN CABINS	22
BALLAST WATER	1,510 m ³	200 m ³ /h @ 9 bars	Deck 02 - 5 x 1 + 6 X 2 MEN CABINS	17
FRESH / POTABLE WATER	955 m ³	150 m ³ /h @ 9 bars	Deck 03 - 7 x 1 + 2 X 2 MEN	11
LIQUID MUD	1,130 m ³	2 x100m ³ /h @18 bars	CABINS	
DRY BULK	4 x 73 m ³	2 x 21 m ³ /mn@ 9 bars	1 x 1 Hospital (Sick Bay)	
FOAM TANK	2 x 9 m ³		PEOPLE CAPACITY INCL. CREW	<u>Total</u> 50

DECK EQUIPMENT

CRANE	1x 2.5 mT @ 14m max outreach / 4.7 mT@ 8m, electrohydraulic
CAPSTANS	2 x 8 mt @ 10m/min — electric aft PS & SB
TUGGER WINCHES	2 x 10 mt @15m/min — electric Fwd PS & SB
WINDLASS	Combined
ANCHORS	2 « Spek Anchor » x 2850 kg
ANCHOR CHAINS	2 x Diameter 42 mm, grade 3, length 495 m
REEFER PLUG ON DECK	4 x 220VAC/60Hz/2P+E/16A— 4x 220VAC/60Hz/3P/16A (IP67)

DYNAMIC POSITIONNING

DYNAMIC POSITIONING (DP)	KONGSBERG KP-POS 22 + JOYSTICK
POSITION REFERENCE	2 x DGPS / 1 x RADIUS / Hipap Void arrangement

SAFETY

FIFI 1 SYSTEM	2 x Pumps 1770 m ³ /hr
	2 x Fire Monitors Water -1200 m ³ / hr + Foam/water 300 m ³ / hr
	Deluge System covering vessel accomodation and deck
LIFE RAFTS	6 x 25 men SOLAS approved type
RESCUE BOAT/DAVIT	1 x 6 men rigid Rescue Craft/ A-frame davit
LIFEJACKETS	60 pcs
LIFEBUOYS	8 pcs
IMMERSION SUITS	55 pcs

Particulars believed to be correct but not guaranteed. All figures given are approximate only.
Owner reserves the right to amend specification without further notice.
For any enquiry, please drop us a email at marketing@amsbach.com.sg.



[AMS REF: PSV/2401]

