

MULTIPURPOSE PLATFORM VESSEL

EXECUTIVE VALOUR



General	
Yard No	: 225
Delivery Date	: 10.05.2013
Basic Functions	: Transportation of pipes, fresh water, diesel, methanol, bulk cement, stores, material, equipment and men between platforms and shore and external fire fighting and oil recovery
Classification	: NS*, OSV, TFLB, ORV, FFV1, PSCM-WBT, PSCM, IWS, EA (+ BWTS, GW, BC, FOTP, R, SOx), MNS*, DPS B, MO, BRS1, NVC (C), IHM, RD (LIQUID PRODUCT TANKS 2.8), WDL (5T/M2 UPPER DECK AFT OF FR 84)
IMO	: 9615626
Dimensions	
Length overall	: 78.00 m
Breadth moulded	: 17.00 m
Depth moulded	: 8.00 m
Summer Draft	: 6.30 m
Performance	
Speed	: 14.5 Knots (@100% MCR Power)
Endurance	: 35 days (Cruising 9200 nm @ 11 knots)
Capacities	
Gross Tonnage	: 3383
Deadweight	: 3634 tons @ 6.3 m draft
Net Tonnage	: 1016
Fuel Oil	: 1255 m ³ (Max. allow. 1000 m ³)
Potable/ fresh Water	: 819 m ³
Liquid Mud	: 1062 m ³ (2 grades) (Max. allow. 800 m ³)
Brine	: 850 m ³
Drill water /Ballast Water	: 851 m ³
Recovery Oil	: 1146 m ³ (Max. allow. 1000 m ³)
Dry Bulk capacities	: 338 m ³ (Max. 220 m3)
Base Oil	: 572 m ³ in 5 Tanks (2 Grades)
Methanol	: 149 m ³
Deck Cargo	: 1400 t
Cargo Deck Dimensions	: 51.0 m x 14.0 m
Deck Area	: 731 m ² (Clear from Sup- St.709 m2)
Deck Strength	: 5 t/m ²
Roll Reduction Tanks	: 2
Foam Tank	: 36.44 m ³
Freezer Room	: 15.0 m ³
Cooler Room	: 17.02 m ³
Fresh Water Generator	: 25 tons/day

Deck Equipment	
Capstans	: 2 x 8 tons @ 0 ~ 24m/min.
Tugger Winches	: 2 x 10 tons @ 0 ~ 16m/min
Deck Crane	: 1 x 3 tons @ 16m
Discharge	
Dry Bulk	: 2 x 25 m ³ / min at 5.6 bar
Fresh Water	: 2 x 100 m ³ / hr at 9 bar
Ballast/ Drill water	: 2 x 100 m ³ / hr at 9 bar
Liquid Mud / Brine	: 3 x 100 m ³ / hr at 9 bar
Base Oil	: 1 x 90 m ³ / hr at 9 bar
Fuel Oil	: 2 x 100 m ³ / hr at 9 bar
Methanol	: 2 x 75 m ³ / hr at 9 bar
Tank Cleaning	: Suitable for mud tanks

Propulsion & Machinery	
Main Engines	: 2 x 2360 kW, Total 4720kW @750rpm
Propellers	: 2 x CPP
Thrusters	
Bow	: 2 x 800 kW, Tunnel
Stern	: 2 x 600 kW, Tunnel
DP System	
Make	: DP 2, Kongsberg K-POS DP-21
Auxiliary Machinery	
Shaft Generators	: 2 x 1800 kW
Diesel Generators	: 2 x 460 kW
Emergency Generators	: 1 x 92 kW
Supply System -Voltage	: 440V, 60Hz, 3 Phase
Accommodation	
For Officers and Crew	: 22
1 Man Cabins	: 6
2 Man cabin	: 8
For Passengers	: 28
2 Man Cabin	: 14
Hospital	: 1 Bed
Total Accommodation	: 50 Berths, Fully Air-conditioned
Office	: 2 Nos, Charterers and Ship

Anchoring Equipment	
Windlass	: 1 x Anchor
Anchors	: 2 x 1800 Kgs, High holding Stockless
Chain Cables	: 220 m x 40 m (dia) on each side
ROV Support	
Removable Bulwarks	: Suitable for ROV P&S
ROV Control Room	: 1 No.
Deck Sockets	: 2 x 440V, 2 x 220V
ROV Plug - in	: All wiring connections from deck
Regulatory Compliance	
SPS Code 2008	: Yes
Sewage Treatment Plant	: Suitable for 50 persons including grey water
Crew Accommodation Comfort	: Complies with Class & IMO Regulations for Noise & Vibration
Environmental Protection	: Complies with IMO Regulations & highest Class requirements for Environmental Protection
Navigation/ Communication Equipment	
Radar X and Radar S	: Furuno
Echo Sounder	: Furuno
EPIRB	: Jotron
Magnetic Compass	: Cassens & Plath
Gyro Compass	: Sperry
SART	: Jotron
Auto Pilot	: Sperry
GMDSS Handheld Radio	: ICOM
AIS	: Furuno
GPS Receiver	: Furuno
VDR	: Kelvin Hughes
Speed Log	: Furuno
ECDIS	: Furuno
INMARSAT C	: Furuno
MF/HF Transmitter	: Furuno
SSAS	: Furuno
VHF Transmitters	: Furuno
Additional Features	
FRC with LARS	: 1 x 15 man 120kW in Board + Water Jet
Fire Fighting	: FiFi 1
Offshore Crane	: Prepared for 50 tons AHC Crane
A Frame	: Prepared for 50 tons A frame
Hydro Acoustic Positioning	: Prepared for 2 trunks for HiPAP
Oil Recovery	: Oil Recovery Tanks - 1000m3
Incinerator	: 500,000 kcal/hr (580kW)
Gymnasium	: One
Owner	: True Champion Pte Ltd. Singapore



Colombo Dockyard PLC

"... an Odyssey of Excellence"

P.O. Box: 906 Port of Colombo, Colombo 15, Sri Lanka.
Tel: +94 11 2429000 Fax: +94 11 2446441, +94 11 2471335
E-mail: princeton@cdl.lk Web: www.cdl.lk

The truly international Dockyard in South Asia with principal equity alliance with  Onomichi Dockyard Co. Ltd, Japan.



PRINCIPAL DIMENSIONS	
LENGTH O.A. MID HULL	78.00 M
LENGTH B.P.	72.00 M
BEAM MID	17.00 M
DEPTH MID	8.00 M
CARGOING DEPTH	4.30 M
DESIGN DWT	5,500 MT
FUEL OIL	1,200 MT
FRESH WATER	700 MT
DRILL WATER / W.B.	600 MT
LIQUID MUD	ASST. 500 MT
DRY BALL DANG.	ASST. 200 MT
METHANOL	ASST. 140 MT
RECOVERY OIL	ASST. 1000 MT
NAV. NLS	600 MT
DECK AREA	ASST. 725 M ²
MAX. SPEED (at 4.0 M. draft, 100% MCR)	ASST. 14.5 KNOTS
COMPLEMENT : 14 MEN	
SPECIAL PERSONNEL - 36 MEN	
TOTAL : 50 MEN	

CLASS : NK

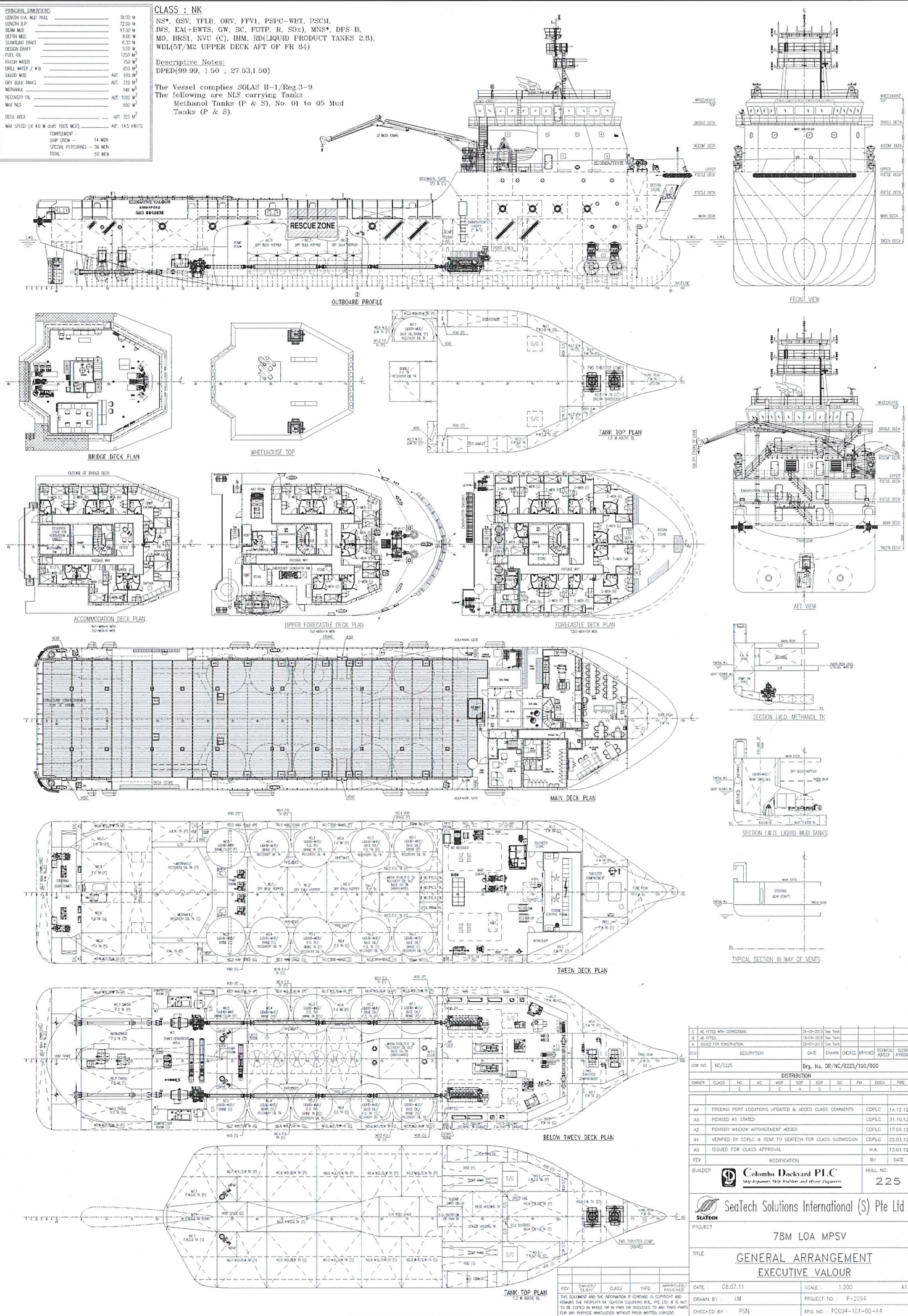
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Descriptive Notes:

DPED(99.99, 1.50 ; 27.53.150)

The Vessel complies SOLAS II-1/Reg.3-9.

The following are NLS carrying Tanks :
Methanol Tanks (P & S), No. 01 to 05 Mud
Tanks (P & S).



C AS FITTED WITH CONNECTIONS		10-01-2013	See Text						
B AS FITTED		10-04-2013	See Text						
A AS ISSUED FOR CONSTRUCTION		10-04-2013	See Text						
JOB NO.	DESCRIPTION	DATE	DRWN	CHECK	APPROV	TECHN	CLERK	APPROV	
08/10/2013	Drp. No. 08/NC/0225/100/900								
DISTRIBUTION									
OWNER	CLASS	HC	AC	MS	EST	GC	FM	DOCK	TIME
		2	1	2	1	2	1	2	1
A4	FREEDS PORT LOCATIONS UPDATED & ADDED CLASS COMMENTS							COPLC	14.12.12
A3	REVISED AS STATED							COPLC	31.10.12
A2	REVISED WINDOW ARRANGEMENT ADDED							COPLC	17.09.12
A1	VERIFIED BY COPLC & SENT TO SEATECH FOR CLASS SUBMISSION							COPLC	22.03.12
A0	ISSUED FOR CLASS APPROVAL							H.A.	13.01.12
REV	MODIFICATION							BY	DATE
BUILDER	 Columbus Dockyard P.L.C. <i>Map & queries: Ship Position and Motion Diagrams</i>					HULL NO. 225			
 SeaTech Solutions International (S) Pte Ltd									
PROJECT 78M LOA MPSV									
TITLE GENERAL ARRANGEMENT									
EXECUTIVE VALOUR									
DATE	08.07.11			SCALE	1:200		A1		
DESIGN BY	LM			PROJECT NO.	P-2094				
CHECKED BY	PSN			DRWG NO.	P2094-101-00-A4				