



TAN CANG OFFSHORE SERVICES JSC.

Vessel Specification



TC Victoria

Technical Specification

Platform Supply Vessel Brake
Horsepower: 5,400 BHP
DP2

“Our success is driven by the customers”



MAIN PARTICULARS

GENERAL

Flag	Vietnam
IMO No	9511844
Builder	Cochin Shipyard
Call Sign	V4NA4
Year built	2010
GRT	2177
NRT	1044
Notation	ABS: A1, FFV-1, AMS, ACCU, DPS-2, TCM

MAIN PARTICULAR

No of Berths	34
1-man cabins	10
2-man cabins	2
4 man cabins	5
Certified to Carry	34
Hospital	Yes

MAIN PARTICULAR

LOA	73.60 m	Dead weight	3,230 MT
Bredth moulded	16.00 m	Clear Deck Space	50.5 x 13.5 m
Depth moulded	07.00 m	Clear Deck Area	680 m2
Max draft	05.80 m	Deck Strength	5 t/m2
Light draft	02.50 m		
Minimum height	24.20 m		
Freeboard	1.2 m		
Displacement	5,000 MT		

CAPACITIES

Deck cargo capacity	1,550 tonnes	Liquid mud	1000 m3 (21 lbs/gal)
Fuel oil	1,060 m3	Base oil	200 m3
Portable water	230 m3	Fire-fighting foam	9.8 m3
Fresh water	690 m3		
Drill / Ballast water	410 m3		
Bulk tanks	320 m3 (5 tanks)		

Technical parameters are subject to change without notice

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MACHINERIES

➔ MACHINERY

Main Engines (2)	Bergen C25:33L6P Total HP: 5,400
Propellers (2)	CPP 4-Blade NiBrAl
Primary Generators (2): Driven by: Main Engines	1,440 kw 440 v 60 hz
Secondary Generators: Driven by: Diesel Engine	250 Kw 440 v 60 hz
Emergency Generators (1): Driven by: Diesel Engine	88 kw 440 v 60 hz
Bow Thruster (2): Driven by: 600 kW	CPP 4-Blade Tunnel
Electric Motor Total Thrust:	20.1 st 18.2 mt
Stern Thruster (2): Driven by: 500 kW	CPP 4-blade Tunnel
Electric Motor Total Thrust:	16.8 st 15.2 mt

➔ DECK EQUIPMENT

Anchors (2)	5,423 lbs Spek Type
Anchor chain	230 m of 38.1 mm chain per side
Crane	3 t @ 15.8 m
Capstans (2)	8 t Rauma Bratvaag Hydraulic
Tuggers (2)	10 t Rauma Bratvaag Hydraulic

➔ PERFORMANCE

Approximate values assuming Ideal Conditions

Fuel Consumption Vs Speed :

Maximum speed	22 m3 / day @ 14 knots
Cruising	18 m3 / day @ 12 knots
Economical	13 m3 / day @ 9 knots
Standby	2 m3 / day @ 0 knots
Range @ 9 knots	16,100 nm

Transfer rates:

Fuel oil	200 m3 /h @ 92 m
Fresh Water:	200 m3 /h @ 92 m
Drill/ Ballast Water	200 m3 /h @ 92 m

Bulk	64.6 m3 / h @ 5 7m
Liquid Mud	76.1 m3 / h @ 180 m
Base oil	150 m3 / h @ 92 m
Brine	74.9 m3 / h @ 180 m

➔ NAVIGATION COMMUNICATION EQUIPMENT

Radars	2
Depth Sounder	1
Gyro Compass	3
Doppler log	1
Satelite Comms	1 x IRIDIUM
	1 x Sat-C
Radio	3 x VHF
	1 x SSB

➔ SPECIAL EQUIPMENT.

Firefighting	FIFI-1
Dynamic positioning	DP-2 Classed
Ref systems	2 x MRU
	2 x DGPS
	1 x Laser-based
Mud mixers	Yes
Rescue Boat	6 man SOLAS Approved

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