



SV300

Diesel Electric Platform Supply Vessel

stx Canada/US Marine

Specifications

GENERAL

The SV300 is a Diesel Electric PSV designed to service offshore installations in terms of carrying:

- Deck cargo with a deck load capacity of 5mt/m2.
- Liquid cargoes such as mud, drill water, fresh water, fuel etc.
- A combination of deck cargo and liquid cargo at a maximum deadweight according to load line.

PRINCIPAL DIMENSIONS

Length overall	292'-0"	89.00 m
Length waterline	280'-0"	85.34 m
Breadth molded	64'-0"	19.51 m
Depth main deck	24'-6"	7.47 m
Design draft amidships	19'-5"	5.92 m

CLASSIFICATION

ABS for unrestricted service, ✱A1, ✱AMS, ✱Circle E, DP2 and certified under SOLAS and IMO Resolutions.

ACCOMMODATION

A total of 32 persons

PERFORMANCE

Installed propulsion power	6,704 HP	5,000 kW
Maximum speed		12.0 kn

CAPACITIES

Cargo deck area	10,976 sq ft	1,020 m ²
Maximum deadweight	5,553 LT	5,644 T
Maximum deck load	4,200 LT	4,269 T
Fuel Oil	274,791 USG	1,040 T
Fresh Water	16,934 USG	64 m ³
Liquid Mud	19,517 Bbls	1,970 m ³
Dry bulk	14,347 cu ft	406 m ³
Methanol	1,713 Bbls	204 m ³

CARGO EQUIPMENT CAPACITIES

Two (2) Cargo Water Pump	750 gpm @200 ft; 170 m ³ /h @ 61m
Two (2) Cargo F.O. Pump	750 gpm @225 ft; 170 m ³ /h @ 69 m
Two (2) Cargo Drill. Fluid Pump	1000 gpm @225 ft w/20# LM 226 m ³ /h @ 69m w/20# LM
Two (2) Methanol pump	500 gpm @200 ft; 113 m ³ /h @ 61m

PROPULSION MACHINERY

Diesel Generators:

- Diesel Electric (4) X 1825kW @ 1,800 RPM

Main Propulsion:

- (2) X 2,500kW (3,352HP) @ 620 VAC @ 1,000 RPM) FP VFD Z-Drives in nozzles

AUXILIARY MACHINERY

- Bow thrusters: 2 x 1,570 HP (1,180 kW) fixed pitch units with variable frequency electric drives and reversing motors.
- Fi-Fi 1 installation, electrically driven
- Emergency generator: (1) x 125KW

ELECTRICAL

- Power Generation and Main consumers - AC 690V, 60HZ, 3 Ph
- Ship's Service - 440V, 60Hz, 3 phase/110V, 60HZ, Single Phase

AUTOMATION

- DP 2 / power management system fitted as standard.
- Port and starboard segregation of power generation systems standard
- Automation and instrumentation can be provided for unmanned engine room as an option.
- Local control and instrumentation provided.

DECK MACHINERY

One (1) Anchor Windlass 30,000lbs pull at 30 FPM

SAVING EQUIPMENT

One (1) 4.5m USCG/SOLAS compliant Rescue Boat, complete with davit and 40 hp gasoline outboard motor

One (1) USCG/SOLAS compliant Boat Davit

Four (4) 25 man + One (1) 16 man life rafts

All other equipment as required by Flag State

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