



M.V. ENEA

STX 09 CD PSV DP-2 LARGE PLATFORM SUPPLY VESSEL

REGISTRATION

Built	2010
Builder	STX / Soviknes Norway
Classification	DNV + 1A1 – SF – E0 - DynPos AutR, DK+ HL (2.8), L.F.L.* – Clean Design, Naut OSV (A) Comfort V3 COAT PSPC (B)
Flag	UK

MAIN CHARACTERISTICS

LOA	86.8 m
Breadth (moulded)	19.0 m
Depth (mould to sh.dk)	8.0 m
Draught (max)	5.9 m
GT	3,639 T
NT	1,190 T
Deadweight	4,836 T
Lightship	2,726 T

ENVIRONMENTAL

Selective Catalytic Reduction (SCR) system for reduced NOX / SOX emissions
Clean Design - Double Hull with no hydrocarbon products on outer shell

MACHINERY

Diesel Electric	
Generating Power	8,880 BHP
Propulsive BHP	5,900 BHP
Main Generators	4 x Wärtsilä 1,665 KW
Aux Generator	1 x CAT 425 KW
Emergency Gen	1 x CAT Perkins 97 KW
Thrusters Bow	2 x 1,200 BHP (Tunnel)
Thrusters Stern	N/A – D.E. Azi pulls
Rudders	N/A – D.E. Azi pulls
Propellers	2 x CPP Azi pull
Capstans	2 x 10 T
Deck Crane	1 x 10T @ 10m
Deck Crane	1 x 1T @ 10m
Tugger Winch	2 x 10T

DYNAMIC POSITIONING SYSTEM (CLASS II)

2 x KPOS Operator Stations
1 x Independent Cjoy Operator Terminal
2 x DPS 111CM DGPS
1 x MK4.1 Fan Beam Laser with auto tilt
2 x MRU-D Motion Sensors
2 x Gill Ultrasonic Wind Sensors
Valve fitted & area prepared for HPR

MANOEUVRING EQUIPMENT

2 x Rotating variable speed Stern Azi pull propulsion units (Diesel electric)
Kongsberg Simrad K-Pos 21 DP2
1 x Kongsberg C-Joy Joystick

PERFORMANCE

11 knots @ Approx. 11 m³ / day
12.5 knots @ Approx. 13 m³ / day
16.5 knots @ Approx. 27 m³ / day

DECK EQUIPMENT

1 x Norsafe Midget Rescue boat (50Hp) 6 Man capacity

NAVIGATION & COMMUNICATION EQUIPMENT

1 x Furuno 10 cm ARPA RADAR
1 x Furuno 3 cm RADAR
1 x Furuno Satellite Navigator GP 90
1 x Furuno D-GPS/GP 90
1 x Jotron EPIRB TRON 40S
2 x Jotron 9GHz Radar TRON SART
3 x Tron TR20 VHF GMDSS
4 x Motorola GP340 portable UHF
1 x GSM/GPRS cellular phone
3 x Simrad GC80 Gyros
1 x Simrad AP50 autopilot
1 x Telchart T2026 ECDIS AIS Interface
1 x Caprock Sat Communication System
1 x Furuno Echo Sounder
1 x Furuno Doppler Speed Log
1 x Furuno FA150 AIS System
1 x Furuno MF/HF SSB Radio
1 x Furuno DSC Terminal
1 x Sailor Fleet Broadband
1 x Furuno Navtex Receiver
2 x Furuno FM-8800D VHF with DSC
2 x Furuno Fixed GM360 UHF Radios
1 x Furuno FM 2721 Simplex VHF
1 x Furuno Felcom 15 SSAS
1 x Furuno LRIT Software

ACCOMMODATION

10 x 1 man cabins
8 x 2 man cabins

CARGO CAPACITY

Deck Area	1000 SqM (16 x 62.5)
Deck Load	2,700 T
Fuel Oil	1,038 M ³ @ 100%
Drill Water	3,476 M ³ @ 100%
Fresh Water	1,175 M ³ @ 100%
Oil Based Mud	6,029 Bbls @ 100%
Base Oil	2659 Bbls @ 100% - (multi use tanks)
	Brine 9,173 Bbls @ 100%
Dry Bulk	9,351cuft @ 100%
Methanol / Xylene	167 M ³ @ 100%
Monoethylene Glycol/Tri Ethylene Glycol in mud/brine tanks	

MUD / BRINE TANKS

6 Elpical & 2 cylindrical tanks with hydraulic mud mixer

TANK WASHING SYSTEM

Fixed tank washing system – all mud tanks
Alfa Laval Aldec decanter
360 deg tank washing machines
Dedicated 24 m3 slop tank
Hot/cold wash with/without chemicals

DISCHARGE RATES

Fuel	250 M ³ /hr at 9 Bar with a 90 mhd
Pot Water	250 M ³ /hr at 9 Bar with a 90 mhd
Drill Water	150 M ³ /hr at 9 Bar with a 90 mhd
Oil Based Mud	150 M ³ /hr at 9 Bar with a 90 mhd
Base Oil	100 M ³ /hr at 9 Bar with a 90 mhd
Brine	150 M ³ /hr at 9 Bar with a 90 mhd
Mud/Brine Slops	35 M ³ /hr at 10 Bar with a 90 mhd
Cement	80 T/hr at 5.5 Bar with a 90 mhd
Barytes	60 T/hr at 5.5 Bar with a 90 mhd
Bentonite	100 T/hr at 5.5 Bar with a 90 mhd
Methanol	2 x 75 M ³ /hr at 9 Bar with a 90 mhd



M.V. ENEA

STX 09 CD PSV DP-2 LARGE PLATFORM SUPPLY VESSEL

TANK CAPACITIES

TANK	CUBIC METRES				BARRELS			
	FUEL OIL	FRESH WATER	DRILL WATER	METHANOL	OIL BASED MUD	BRINE	LIGHT BRINE SG<1.5	BASE OIL
FUEL (12)	203.7 142.5 100.1 181.2 62.7 43.3 120.8 126.1 18.8 / 13.2 8.5 + 2							
FRESH WATER (12)		2 x 40.7 2 x 62.5 2 x 70.4 2 x 53.1 113.8 122.5 287.9 197.3						
DRILL WATER (17+10)			2 x 113.8 2 x 122.5 2 x 287.9 2 x 197.3 101.3 105.1 116.1 143.3 51.2 2 x 205.7 201 196.8 6 x 130 102.1 / 103.8 291.8					
METHANOL (2)				2 x 83.5				
OBM (6 + 2 D/P WITH BRINE)					6 x 816.5 2 x 563			
BRINE (2 + 6 D/P WITH MUD)						2 x 563 6 x 816.5		
LIGHT BRINE SG < 1.5							642.2 654.1 1835.4	
BASE OIL (2 + 2 D/P METHANOL)								760 793 2 x 526
TOTAL	1,024	1,175	4,226	167	6,029	6,029	3,132	1,553 + 1,052

Dark Blue denotes primary function, Light Blue denotes secondary / tertiary function

These particulars should be taken as indicative and do not constitute a warranty