GSP VEGA

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AHTS VESSEL •

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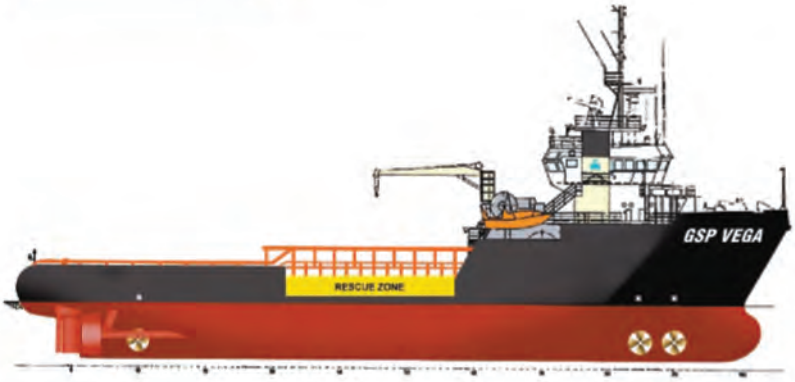
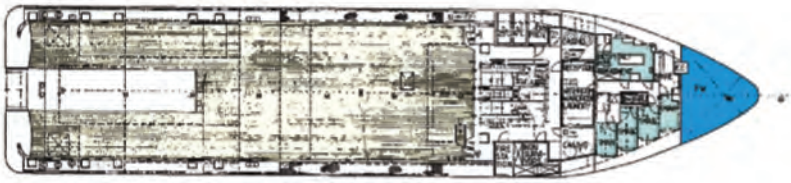
GENERAL

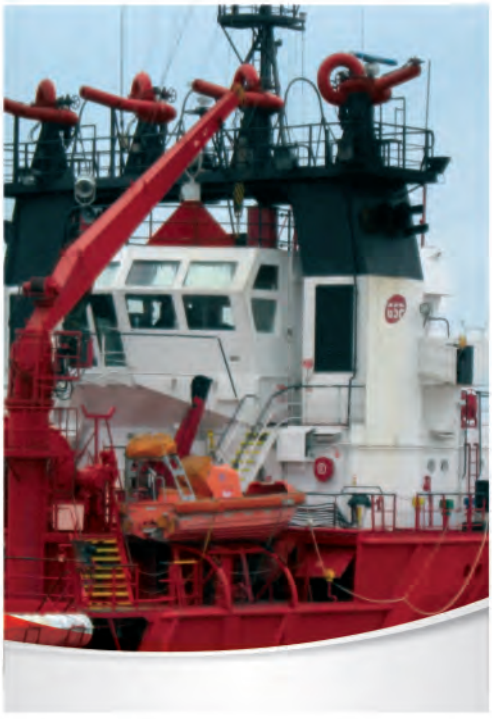
BUILT BY / YEAR	Bolsoenes Verft, Molde, Norway 1982, Yard no. 272
DESIGN	Bolsoenes
FLAG	Malta
CLASSIFICATION	BV, I ✠ HULL ✠ MACH; Tug; Supply Vessel; Unrestricted Navigation, ICE, DYNAPOS - AM/AT

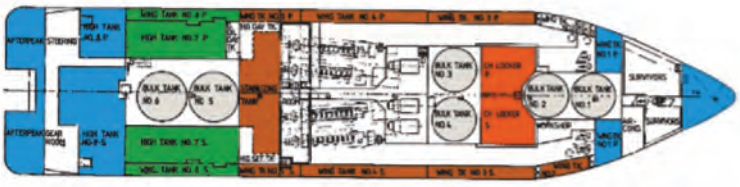


OUTBOARD PROFILE

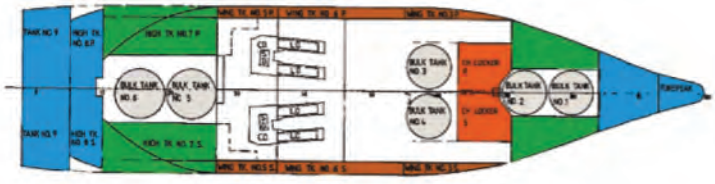


MAIN DECK





BELOW MAIN DECK



TANKTOP

TECHNICAL DATA

MAIN PARTICULARS

L.O.A.:	69.15 m
LPP:	60.00 m
Breadth Moulded:	15.0 m
Depth Main Deck:	7.25 m
Draught:	min. 5.00 m – max. 6.25 m
DWT (d = 5.0 / d = 6.25):	1,000 t / 2,112 t
GRT:	1,768 t
Net Tonnage:	530 t

CARGO CAPACITIES

Deck Area:	484 m^2 (40 x 12.1 m)
Deck Cargo:	5 t / m^2
Deck Load:	960 t
Crash Barrier Height:	1.5, from aft to frame 29 then 2.4 m
Fuel:	978 cubm
Potable Water:	577 cubm
Drill Water	499 cubm
Ballast Water	499 cubm
Liquid Mud:	215 cubm / 1,352 bbls
Brine:	93 cubm / 585 bbls
Base Oil:	114 cubm / 717 bbls
Dry Bulk (6 tanks):	312 cubm / 11,017 cuft

DISCHARGE CAPACITIES

Fuel:	1 x 150 cubm / h – 6 bar
Potable Water:	1 x 150 cubm / h – 6 bar
Drill Water:	2 x 100 cubm / h – 6 bar
Liquid Mud:	1 x 75 cubm / h – 6 bar
Brine:	1 x 100 cubm / h – 6 bar
Base Oil:	1 x 100 cubm / h – 6 bar
Dry Bulk:	2 x 20 cubm / min – 7.2 bar (105 psi)
House Connection:	All pipes equipped with 4" couplings

DECK MACHINERY / MOORING

Tugger Winches:	2 x 9 t
Capstans:	2 x 8 t
Deck Crane:	1 x 3.75 t @ 10 m SWL
Windlass:	2 cable lifters & warping drums
Anchors:	2 x 1,920 kg Stockless
Chain Cables:	2 x 440 m (38 mm K3 chain)
Spare Anchor:	1 x 2,400 kg Stokless with 1 x 1,000 m (38 mm wire)

MACHINERY & PROPULSION

Main Engines:	4 x MAK Diesel 3,200 BHP, totally 12,800 BHP
Aux. Engines:	2 x 226 kW, 440 V, 60 Hz
Shaft Generators:	2 x 2650 kVA, 660 V ,60 Hz
Main Propellers:	2 x Hjelset C Pin Nozzles
Main Propellers Diameter:	2 x Ø 3,300 mm
Bow Thrusters:	2 x 800 BHP tunnel
Stern Thruster:	1 x 600 BHP tunnel
Rudders:	2 x Becker Spade

TOWING / ANCHOR HANDLING EQUIPMENT

Winch Type:	Hydraulic Triple Drum
Winch Pull:	Tow Drum 220 t / Work Drums 260 t
Winch Brake:	Tow Drum 340 t / Work Drums 400 t
Main Tow Wire:	1 x 950 m @ 77 mm
Spare Tow Wire:	1 x 90 m @ 64 mm
Work Wires:	1 x 90 m @ 64 mm 1 x 830 m @ 64 mm
Tow Drum Capacity:	1 x 1,100 m @ 70 mm
Work Drum Capacity:	2 x 1,000 m @ 56 mm
Storage Drum Capacity:	2 x 1,000 m @ 56 mm 1 x 1,100 m @ 70 mm
Chain Gypsies:	1 x 76 mm – 1 x 84 mm
Chain Lockers:	2 x 105 m^3
AH Tongs:	2 x 200 t SWL
Towing Pins:	2 x 200 t SWL
Stern Roller:	3.65 m x Ø 2.4 m 580 t SWL

NAVIGATION & COMMUNICATION EQUIPMENT

Radars:	2 x Furuno
Main Radio:	GMDSS
Inmarsat C:	Telex
E-mail:	HF / MF Radio Globe E-Mail
Autopilot:	Robertson
Gyro:	Anschutz
GPS:	Furuno
Irridium:	Voice, E-mail

PERFORMANCE

Bollard Pull:	120 t continuous
Max. Speed:	13.5 knots
Consumption per Day:	12 tons at 10 knots, 20 tons at full speed, 28 tons to towing Standby on location about 4 tons In port / at anchor about 0.5 tons

ACCOMMODATION

Total Capacity:	23 persons
Cabins:	14 cabins x 1 person 2 cabins x 2 persons 1 cabin x 5 persons
Hospital:	Fully equipped

CONTINGENCY EQUIPMENT

Rescue Capacity:	150 persons
Fast Rescue Craft:	1 x Norsafe Waterjet for 6 persons
Rescue Equipment:	2 x Rescue Nets
Rescue Zones:	Port & Starboard
Fire Fighting:	FiFi class II (4 x 900 m^3 / h)
Helicopter Winching Area:	Space Available
Spray Booms:	2 x Spray Booms

	TANK CAPACITIES								
	SG m³	FUEL OIL 0.835	POT WATER 1,000	DRILL WATER 1,000	BALLAST WATER 1,025	LIQUID MUD 2,500	BRINE 2,500	BASE OIL 0.830	DRY BULK 2,400
1 FOREPEAK	128.4	-	128.4	-	-	-	-	-	-
2 DB TK 1	15.3	-	15.3	-	-	-	-	-	-
3 DB TK 2 PS	46.7	-	-	46.7	47.9	-	116.7	-	-
4 DB TK 2 SB	46.7	-	-	46.7	47.9	-	116.7	-	-
5 DB TK 3	54.7	-	-	-	-	-	-	136.8	-
6 DB TK 4 PS	55.9	46.7	-	-	-	-	-	-	-
7 DB TK 4 SB	64.2	53.6	-	-	-	-	-	-	-
8 DB TK 5 PS	52.1	43.5	-	-	-	-	-	-	-
9 DB TK 5 SB	53.3	44.5	-	-	-	-	-	-	-
10 DB TK 6 PS	54.3	45.3	-	-	-	-	-	-	-
11 DB TK 6 SB	55.5	46.3	-	-	-	-	-	-	-
12 DB TK 7 PS	42.1	35.2	-	-	-	-	-	-	-
13 DB TK 7 SB	44.3	37.0	-	-	-	-	-	-	-
14 DB TK 8	57.6	48.1	-	-	-	-	-	-	-
15 WT 1 PS	32.3	-	32.3	-	-	-	-	-	-
16 WT 1 SB	32.3	-	32.3	-	-	-	-	-	-
17 WT 2 PS	8.9	7.4	-	-	-	-	-	-	-
18 WT 2 SB	11.9	9.9	-	-	-	-	-	-	-
19 WT 3 PS	52.5	43.8	-	-	-	-	-	-	-
20 WT 3 SB	52.7	44.0	-	-	-	-	-	-	-
21 WT 4 PS	79.9	66.7	-	-	-	-	-	-	-
22 WT 4 SB	79.9	66.7	-	-	-	-	-	-	-
23 WT 5 PS	23.2	19.4	-	-	-	-	-	-	-
24 WT 5 SB	21.1	17.6	-	-	-	-	-	-	-
25 WT 6 PS	42.9	-	-	42.9	44.0	-	-	-	-
26 WT 6 SB	42.9	-	-	42.9	44.0	-	-	-	-
27 TK 7 PS	154.6	-	-	154.6	158.5	-	-	-	-
28 TK 7 SB	164.7	-	-	164.7	168.8	-	-	-	-
29 TK 8 PS	96.6	-	96.6	-	-	-	-	-	-
30 TK 8 SB	104.5	-	104.5	-	-	-	-	-	-
31 TK 9 PS	43.2	-	43.2	-	-	-	-	-	-
32 TK 9 SB	43.2	-	43.2	-	-	-	-	-	-
AFTER PEAK PS	40.8	-	40.8	-	-	-	-	-	-
AFTER PEAK SB	40.8	-	40.8	-	-	-	-	-	-
CHAIN LOCKER PS	107.7	-	-	-	-	269.3	-	-	-
CHAIN LOCKER SB	107.7	-	-	-	-	269.3	-	-	-
STAB TK 1	132.6	110.7	-	-	-	-	-	-	-
FO SERVICE (3 TANKS)	6.2	30.2	-	-	-	-	-	-	-
CEMENT TK NO. 1 – 4	192.0	-	-	-	-	-	-	-	460.8
CEMENT TK NO. 5 – 6	120.0	-	-	-	-	-	-	-	288.0
-	-	-	-	-	-	-	-	-	-
WEIGHT IN TONS	-	817	577	499	511	539	234	137	749
VOLUME IN M³	-	978	577	499	499	215	93	114	312
VOLUME IN BARRELS (Dry Bulk in cuft)	-	6,152	3,629	3,139	3,139	1,352	585	717	11,017

All figures shown, are based on tank volume at 100 % filling.

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