

BUMBLE BEE CLASS Platform Supply Vessel

DP2 • 3,000 DWT • 9,000 BBLs Liquid Mud • 4,000 BHP

M/V Bumble Bee • M/V Queen Bee • M/V Bee Hive • M/V Mason Bee • M/V Drone Bee

MAIN PARTICULARS

LENGTH OVERALL.....	234.00 ft.....	71.32 m
LENGTH BP.....	221.33 ft.....	67.46 m
BEAM.....	56.00 ft.....	17.07 m
DEPTH.....	18.00 ft.....	5.49 m
LIGHT DRAFT.....	5.50 ft.....	1.68 m
LOADED DRAFT.....	14.88 ft.....	4.53 m
SUMMER FREEBOARD.....	3.13 ft.....	0.95 m
LIGHTSHIP.....	1,250 Lt.....	1,270 Mt

CAPACITIES

FUEL OIL.....	158,000 USG.....	598.1 m ³
LIQUID MUD (8 tanks).....	9,000 BBLs.....	1,430.9 m ³
DRY BULK (6 tanks).....	6,000 ft ³	169.9 m ³
DRILL WATER.....	245,000 USG.....	927.4 m ³
FRESH WATER.....	26,000 USG.....	98.4 m ³
LUBE OIL.....	450 USG.....	1.7 m ³
GEAR OIL.....	450 USG.....	1.7 m ³
HYDRAULIC OIL.....	450 USG.....	1.7 m ³
SEWAGE.....	1,600 USG.....	6.1 m ³
DIRTY OIL.....	800 USG.....	3.0 m ³
OILY BILGE.....	800 USG.....	3.0 m ³
DEADWEIGHT at 14' 11" draft.....	3,000 Lt.....	3,048.2 Mt

CARGO DECK

MAX. DECK CARGO CAPACITY.....	2,000 Lt.....	2,032.1 Mt
STRENGTH.....	540 lb/ft ²	2.6 Mt/m ²
LENGTH (deck boards).....	175 ft.....	53.3 m
WIDTH (max between rails).....	47 ft.....	14.3 m
CLEAR AREA.....	8,225 ft ²	762 m ²

MACHINERY

MAIN ENGINES.....	2 x Cummins QSK60
BRAKE HORSEPOWER.....	2000 BHP ea. @1800 rpm
REDUCTION GEARS.....	2 x Twin Disc MG 5600
GEAR RATIO.....	5.76:1
PROPELLERS.....	NIBRAL
DIAMETER & MAX PITCH.....	81" x 68"
RUDDERS.....	2 x Becker High-Lift Rudders
SERVICE GENERATOR.....	3 x 300 kW @ 1800 RPM, 480 VAC, 3ø, 60 Hz
GENERATOR DRIVES.....	3 x Cummins QSM11
EMERGENCY GENERATOR.....	Cummins - 85 KW
BOW THRUSTER.....	2 x 750 BHP Schottel - Controllable Pitch
BOW THRUSTER DRIVE ENGINE.....	2 x Cummins QSK19
STERN THRUSTER.....	1 x 350 BHP Schottel
STERN THRUSTER DRIVE ENGINE.....	1 x 350 Variable Speed Electric Motor
BULK MUD - AIR COMP.....	2 x LeRoi Electric Driven 150 BHP
LIQUID MUD PUMPS.....	Discharge 2 x 200 HP Electric Drive Circulation 4 x 50 HP Electric Drive

PERFORMANCE

MAXIMUM SPEED.....	11.5 knots
CRUISING SPEED.....	10 knots
ECONOMICAL SPEED.....	8 knots
MAXIMUM FUEL CONSUMPTION.....	12.7 MT/3,945 USG per day
CRUISING FUEL CONSUMPTION.....	11.4 MT/3,530 USG per day
ECONOMY FUEL CONSUMPTION.....	9.5 MT/2,950 USG per day

DISCHARGE RATES

	GPM @ ft	m ³ /hr @ m
FUEL OIL.....	425 @185.....	97 @ 56
WATER.....	525 @ 185.....	119 @ 56
LIQUID MUD.....	500 @ 185.....	114 @ 56
DRY BULK.....	2 x 735 f ³ /hr 80psi.....	20 6-bar

ACCOMMODATIONS

CABINS.....	8
BERTHS.....	22
OFFSHORE WORKERS.....	16

ELECTRONICS & CONTROLS

DYNAMIC POSITIONING (ABS DPS 2).....	Beier Radio IVCS 2002
DEPTH RECORDER.....	Furuno FE-700
VESSEL CONTROL.....	Sentinel
DGPS.....	Leica MX 525 C-Nav 1000 Cyscan
GYRO.....	Yokogawa CM29008
MAIN ENGINE CONTROLS.....	Sentinel
RADAR.....	Furuno FAR 2117
RADIO SYSTEM.....	Furuno RC 1825A-3
STEERING.....	Sentinel
PUBLIC ADDRESS SYSTEM.....	Bogden GS 250
VHF.....	ICOM M504
LOUDHAILER.....	Furuno LH 3000
SPEED LOG.....	Furuno DS-80

SPECIAL EQUIPMENT

ANCHOR WINDLASS.....	Electro Hydraulic
FiFi MONITOR.....	(1) Stang @ 1900GPM
FiFi PUMP.....	Crane Deming
FUEL OIL METER W/ PRINTER.....	Smith Meter
LIFE RAFTS.....	Four 25 Man Inflatable Liferrafts
RESCUE BOAT.....	SOLAS with 40 HP Outboard Motor

DOCUMENTATION

CLASS.....	ABS +A1, +AMS, Ocean Service, +DPS 2, Circle E, Oil Rec Class 2
FLAG.....	US
SOLAS.....	SOLAS
USCG.....	SubChapter L O S V
INTERNATIONAL/US REGISTERED TONNAGE.....	> 1,600 GT

Vessel specifications are subject to change without notice.

CORPORATE OFFICE AND SALES

1600 HIGHWAY 6 SUITE 170 • SUGAR LAND, TX 77478
PHONE: 281-269-6800 • FAX: 281-269-6801

FLEET OPERATIONS OFFICE

200 Woodland Drive • Post Office Box 160 • Broussard, Louisiana 70518
Phone: 337-837-9770 • Fax: 337-837-9771

www.beemarl.com

BEEMAR

