



BZ CONSTRUCTOR

Buzca

Soluciones de ingeniería



SHIPS PARTICULARS

REGISTRATION	DESCRIPTION
Flag	Unated States
Call Sing	WDB7448
Home Port	Morgan City, Unated States
IMO Number	9163348
MMSI	368076000
Vessel Type	Anchor Handling Tug Supply Vessel
Builder	Halter Marine Inc.
Year Built	1998
Tonnage	Gross Tons: 2983 - Net Tons: 894

DIMENSION	IMPERIAL UNITS	METRIC UNITS
Deck Area	6.448 ft ²	608 m ²
Loading Capacity on Deck	1.083 Lt	1.100 Mt
Length Overall	255 ft	77,72 m
Beam	60 ft	18,29 m
Depth	26 ft	7,92 m
Draft (Load Line)	22,06 ft	6,72 m

MACHINERY	DESCRIPTION
Main Engines	4 x EMD 16-645F7B, 3500 BHP @900RPM
Brake Horsepower	14.000
Reduction Gears	2 x Reintjes DLG3331(twin input)
Propeller	2 x Berg 4 Blade 140" Dia. CPP
Shaft Generators	2 x KATO, 2000 kW @ 600VAC
Auxiliary Generators	1 x Caterpillar 3508, 400 kW @ 480VAC
Auxiliary Generators	1 x Caterpillar C-32, 781 kW @ 480 VAC
Emergency Generator	1 x Caterpillar 3306B, 190 kW @ 480 VAC
Bow Thruster	2 x 800 HP Electric Drive FPP Tunnel
Stern Thruster	1 x 800 HP Electric Drive FPP Tunnel
	1 x 800 HP Electric Drive CPP Tunnel

WINCH	DESCRIPTION
Model	SMATCO 140E/ 750TW-3200W
Single-drum Winch Line Pull	1,007 Kips @ 43ft/min on first layer
Single-drum Wire Capacity	11,000' x 3" Wire
Traction Winch Line Pull	@ Low Speed 750 Kips @ 116 ft/min
	@ High Speed 133 Kips @ 290 ft/min
Traction Winch Wire Capacity	13,000' x 3.5" Wire



Nit. 890.401.053-0

Bocagrande, Cra 2 No. 9-145, Edif. Nautilus, Piso 12
 PBX: (57 5) 665 3600 - 665 3633 • Fax: (57 5) 665 2489 • Móvil: (57) 315 735 5157
 buzca@buzca.com • www.buzca.com
 Cartagena de Indias, Colombia





CAPACITIES	IMPERIAL UNITS	METRIC UNITS
Drill Water /Ballast	537.830 Gallons	2.035 m ³
Potable Water	127.978 Gallons	484 m ³
Fuel	306.145 Gallons	1.158,90 m ³
Dry Bulk	10.350 ft ³	293 m ³
Brine	41.580 Gallons	157.4 m ³
Bollard Pull	160 Mt	

SAFETY EQUIPMENT	QT
Rescue Boat	1
Life Raft	4
Lifejackets	34
EPIRB	1
Satellite Communication	1 INMARSAT-C
Fire Pump	2 FIRE PUMPS/ 2 FI-FI SYSTEM

ELECTRONICS & CONTROLS	DESCRIPTION
Dynamic Positioning	Kongsberg K-Pos, Class II
Independent Joystick	Kongsberg C-Joy
DGPS	3 x C-Nav 3050
GPS	Micrologic ML-250
GYRO	3 x Navigat Mk1
Laser Radar	Fanbeam 4.2
Anemometer	3 x Gill Wind Observer II
GMDSS	Area 3
Radar (s)	Decca BM-250 & BM-180
CCTV System	6 Monitors, 20 Cameras all on DVR
Weather Radio	XM
Depth Sounder	Sperry ES-5000

SPECIAL EQUIPMENT	DESCRIPTION
Crane	EBI TC30 15Lt 15.24mT
Windlass	McElroy, 2in./ 51mm Chain
External FiFi	2,645 GPM @ 450 ft/137m
Number of Monitors	1
Survival Craft	4 x 25 Person inflatable Liferrafts 2 x 6 Person inflatable Liferrafts

PERFORMANCE	DESCRIPTION
Maximum Speed	14.6 knots
Cruising Speed	12.3 knots
Maximum Fuel Consumption	583 G/Hr 53 m ³ /24 Hrs
Cruising Fuel Consumption	335 G/Hr 31 m ³ /24 Hrs



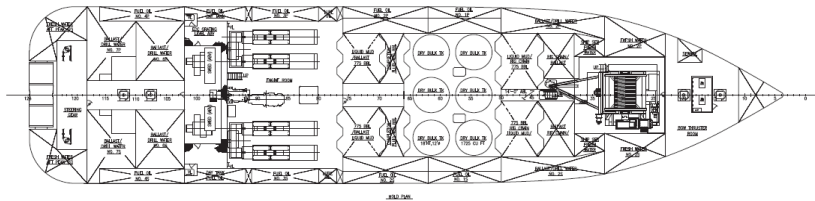
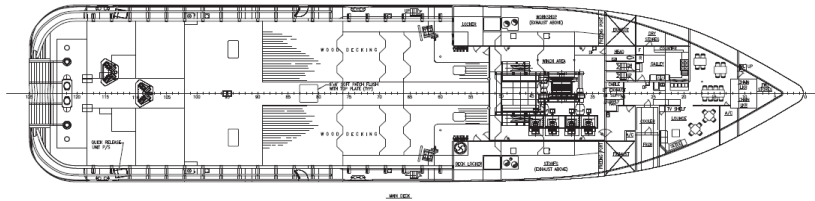
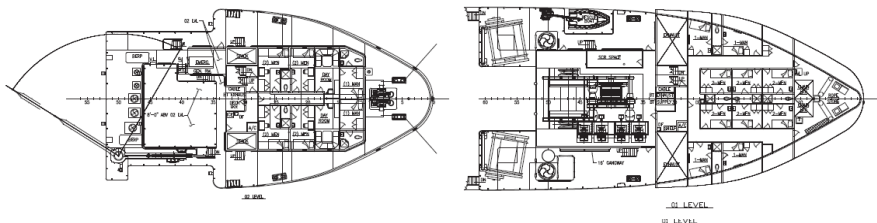
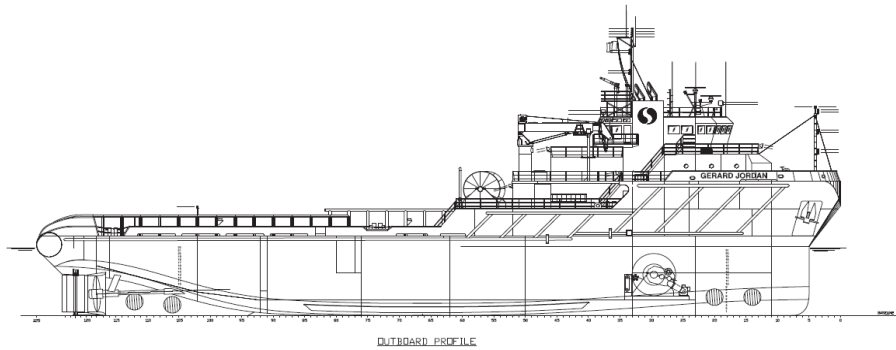
ACOMODATION	
Cabins / Berths	16 / 30 (total)
Officers	2 Suite w/Office & Head + 2 Double w/Shared Head
Crew	4 Double Shared 2 head
VIP	4 Double Shared 2 Head
Passengers	6 Double Shared 3 Head
Lounge	12
Mess	16



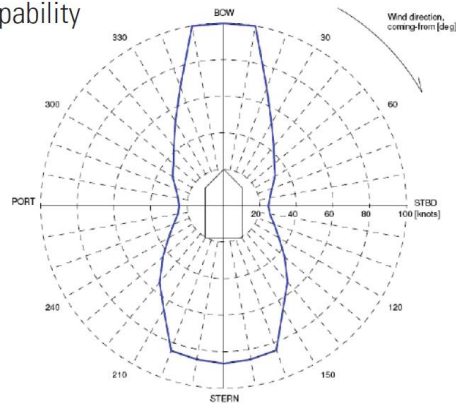
Nit. 890.401.053-0

Bocagrande, Cra 2 No. 9-145, Edif. Nautilus, Piso 12
 PBX: (57 5) 665 3600 - 665 3633 • Fax: (57 5) 665 2489 • Móvil: (57) 315 735 5157
 buzca@buzca.com • www.buzca.com
 Cartagena de Indias, Colombia





DP Capability



Nit. 890.401.053-0

Bocagrande, Cra 2 No. 9-145, Edif. Nautilus, Piso 12
 PBX: (57 5) 665 3600 - 665 3633 • Fax: (57 5) 665 2489 • Móvil: (57) 315 735 5157
 buzca@buzca.com • www.buzca.com
 Cartagena de Indias, Colombia

