



Bay Towing

Sabine District, TX • Lake Charles, LA

ENERGY ZEUS

Main Particulars

Length Overall	96 ft	29.26 m
Beam Overall	34 ft	10.36 m
Depth Molded	14 ft 9 in	4.48 m
Draft	12 ft approx	3.66 m
Tonnage (Regulatory)	189 GRT	128 NRT
Tonnage (ITC)	281 GT	84 NT

Documentation

Operator	Bay Towing, LLC
Classification	American Bureau of Shipping
Class Notations	✠ A1, Towing Vessel, Escort Vessel, Fire Fighting Vessel Class 1, ✠ ACBU, ✠ AMS
Flag	United States
Builder	Eastern Shipbuilding Group, Panama City, FL
Delivery	2007
Hull Number	891
Official Number	1187427
IMO Number	9397377
Call Sign	WDD3941
MMSI	367138360
Hailing Port	Houston, TX

Capacities

Fuel	29,525 USG
Lube & Hydraulic Oil	1,133 USG [Combined]
Ballast	14,314 USG
Potable Water	6,148 USG

Propulsion

Main Engines	2 x Caterpillar 3516BHD MCR 2,500 BHP @ 1600 RPM, each
Z-Drives	2 x Schottel, Model SRP1215FP 2,400 mm Propellers w/ SST Controls
Generators	2 x John Deere Tier II 99 kW @ 1,800 RPM, each
Engine Cooling	Freshwater Keel Cooling

Accommodations

Staterooms	Three (3) Doubles
Lounge	One (1)
Berths	Six (6)

Performance

Rated Horsepower	5,000 HP
Bollard Pull (Ahead)	63.73 Metric Tonnes (70.25 st)
Speed (Max/Economy)	14.5 Knots / 11.8 Knots

Navigation and Communication

Radars	2 x Furuno FR7062 64 NM, 12 in CRT Display, 4 ft Open Array Antenna with GPS and Compass Interface
GPS	Furuno GP90 GPS/WAAS Navigator
VHF Radios	2 x ICOM IC-M502 VHF Radios, Scanning Features each with Bogan MGN-19 Omni Directional Microphones and Linemaster 632-S Foot Controls
Weather Fax	Furuno FAX207 w/FAX5 Tuner Coupler
Auto Pilot	Simrad AP50
Magnetic Compass	Simrad APC-135 6.5 in
Electronic Charting System	Rose Point

Fire Fighting & Life Saving Equipment

Fire Stations	8 x each with 50' Fire Hose, Hose Rack, Combination Nozzle and Spanner Wrench
Fire & Ballast Pumps	Barnes 25CCE 15 HP Self-Priming Centrifugal Pump
Fire Extinguishers	7 x USCG CO2 Portable Fire Extinguishers
Inflatable Liferrafts	1 x Zodiac (SOLAS A) 12 person
Life Jackets	10 x Adult, USCG Approved

Fire Fighting Vessel Class 1 Equipment

FIFI-1 Monitor	2 x Model FFS Model IM/FFS-1,200 lbs each, Water Capacity 5,284 GPM @ 400 ft,
FIFI-1 Pumps	2 x HIJHUIS HGT 1.250.500 each @ 5,800 GPM
Water Spray (Deluge)	FIFI-1 Rated at 450 GPM from the FIFI Pumps

Deck Machinery

Forward Hawser Winch	JonRie/Hagglunds Escort Winch, Series 200, 500 ft of 7 in Samson Amsteel HMPE line
Aft Towing Winch	JonRie/Hagglunds, Series 200, 450 ft of 7 in Samson Amsteel HMPE line