



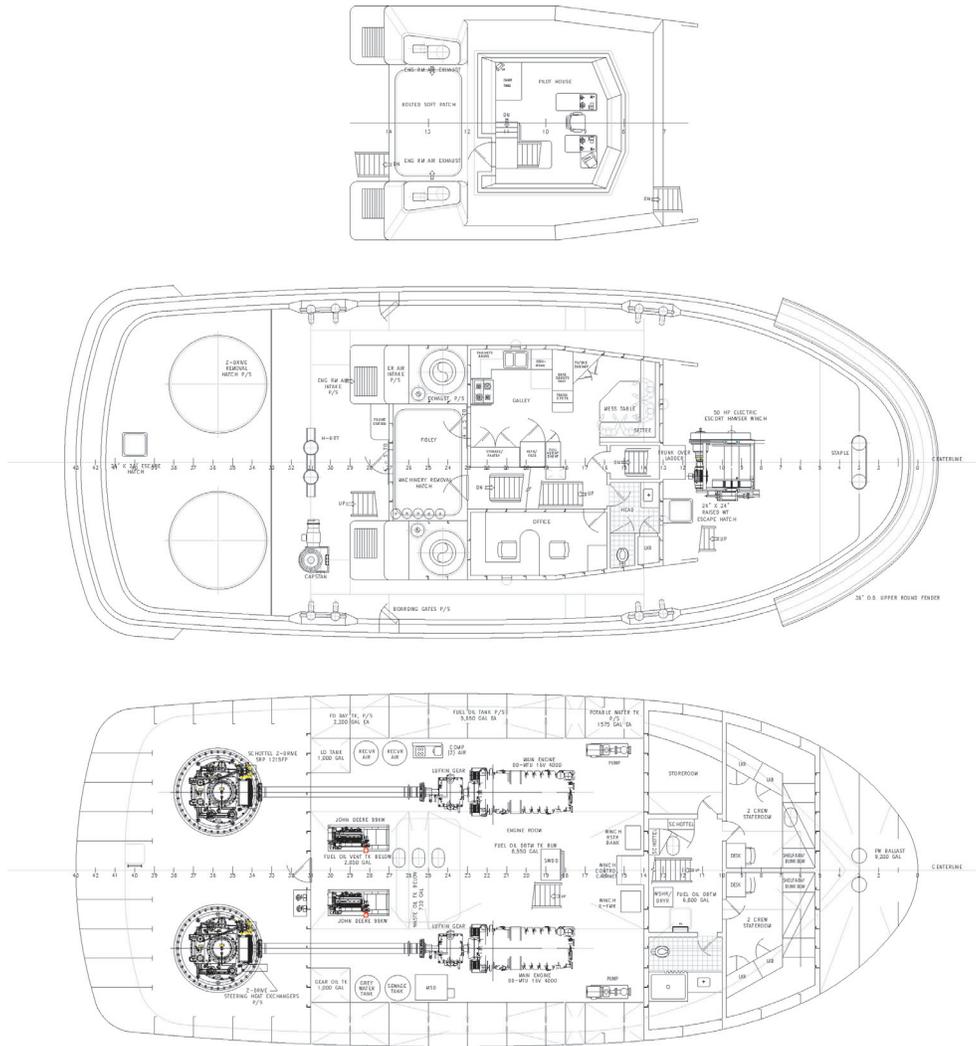
THS-08636

86' x 36' Z-Drive Tug

This design was developed to provide a maneuverable and powerful tug for ship assist and escort work without the added expense of a larger boat. Equipped with twin Schottel 1015 Z-Drive propulsion units and MTU—DD engines, over 5500 horsepower is available. The 36' wide hull assures good stability in all operating modes. A deep skeg forward is provided for escort work, but the skeg is open at the aft end to allow better maneuverability. The skeg also provides for a more stable platform when underway, minimizing rolling due to the seaway.

Large machinery removal hatches are provided in the main deck and deck house top to allow removal of equipment from the engine room easily. Berths for 7 crew are installed in 4 comfortable staterooms, though the tug may be operated with a crew of two persons in certain operations.

An escort hawser winch is installed forward and an H-bitt and hydraulic capstan are installed aft for towing. Other winch arrangements are possible. Full 360 degree visibility from the helm is assured with large windows all around, and controls are located on consoles port and starboard of the centerline helm position.



Vessel Specifications

Overall Dimensions

Length	86'-0" (26.2 m)	Auxiliary Engines	2 x John Deere 6068TFM 99 kW ea
Breadth	36'-0" (10.9 m)	Propulsion	2 x Schottel 1215 Z-Drive units
Depth	15'-10" (4.6 m)	Horsepower	5,360 continuous BHP
Construction	Steel	Reduction Gear	Lufkin 2:1 Reducing gear set
Light Draft	14'-6" amidships	Hawser Winch	Markey DEPC-48, 50 HP Full render / recover winch
Loaded Draft	11'-6" amidships	Bollard Pull	139,000 lbs (estimated)
Fuel Oil	31,050 gal (117 m ³)	Deck Machinery	Markey CEW-60 Capstan
Lube	250 gal (0.9 m ³)		
Main Engines	2 x MTU—DD 16V400		

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