



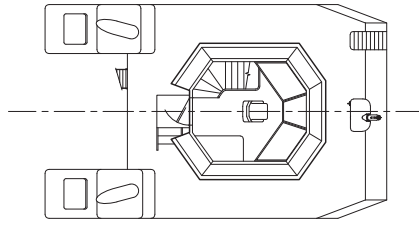
THS-07430

74' x 30' Z-Drive Tug

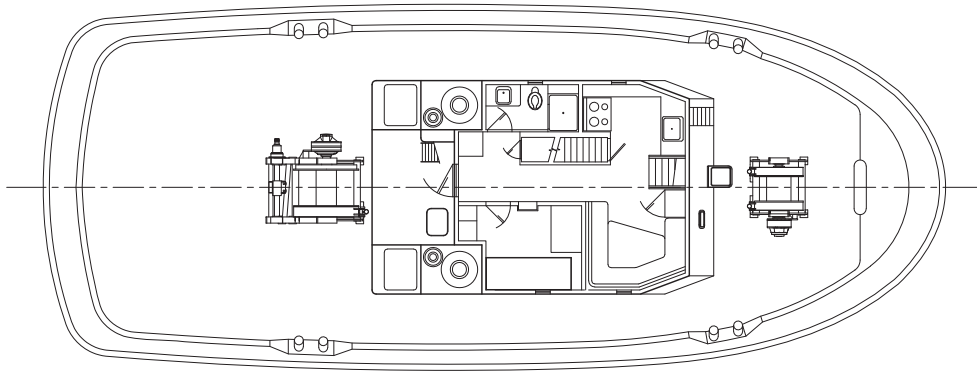
This design was developed to provide a maneuverable, powerful, yet smaller ship-assist tug to reduce the costs of building and operating a larger harbor tug. The design incorporates features that allow it to be built as either a conventionally powered tug or as an ASD. Designed to ABS ice class rules, it features extra frames and thicker plating in the bow area to allow operation in ice. Other options include forward and aft hawser winches, fire-fighting monitor, and a hydraulic crane. The helm provides full 360-degree visibility with windows all around, and controls are located on consoles port and starboard of the centerline helm position. This design includes berths for 5 crew, though the tug may be operated with a crew of two persons in certain operations

Overall Dimensions

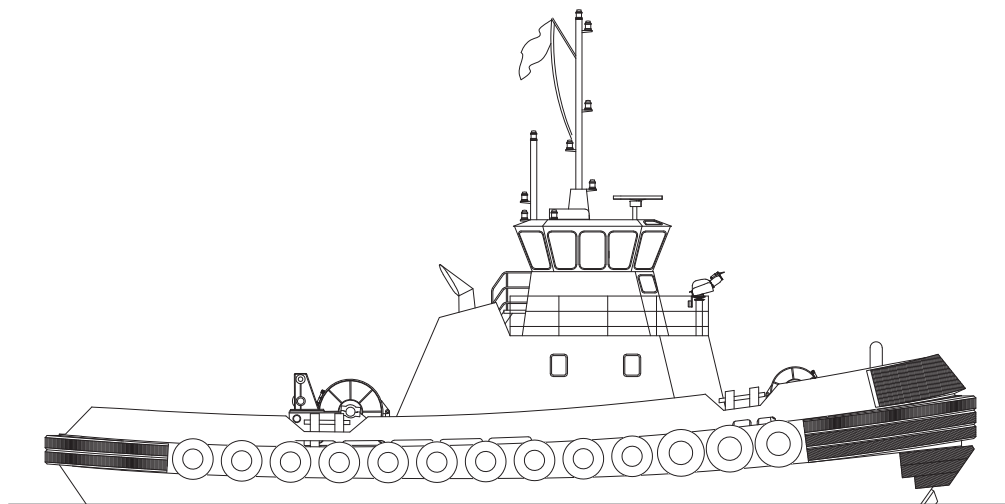
Molded Length	74'	Fuel Capacity.....	23,370 gal
Molded Breadth	30'	Fresh Water	1,855 gal
Molded Depth	13'-3"	UREA	1,000 gal
Bollard Pull.....	51 ST	Berths	5
Horsepower	5,000 hp	Gross Regulated Tonnage.....	<100
Main Engine	Tier IV Compliant Diesel Engines	Class	ABS Class / USCG "M"
Propulsion	Z-Drives		



BRIDGE DECK



MAIN DECK



OUTBOARD PROFILE