
HYBRID TUGBOAT

eTUG +

Crowley has designed the next-generation, fully electric eTug+, a hybrid ship assist and escort tugboat. Building upon the expertise and insights gained from designing and constructing the original eTug (eWolf), the eTug+ offers a highly efficient and operationally astute design, crafted to comply with the latest CARB regulations on the West Coast.

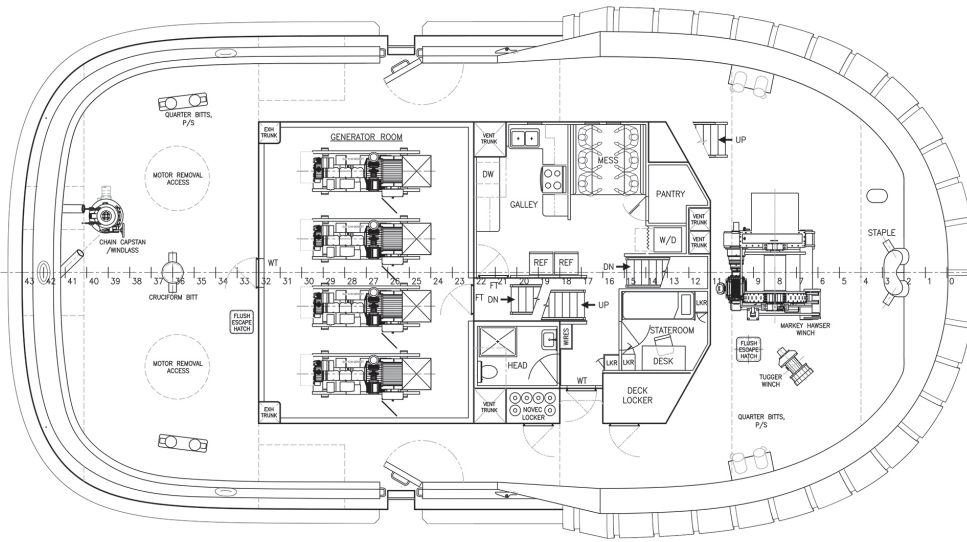
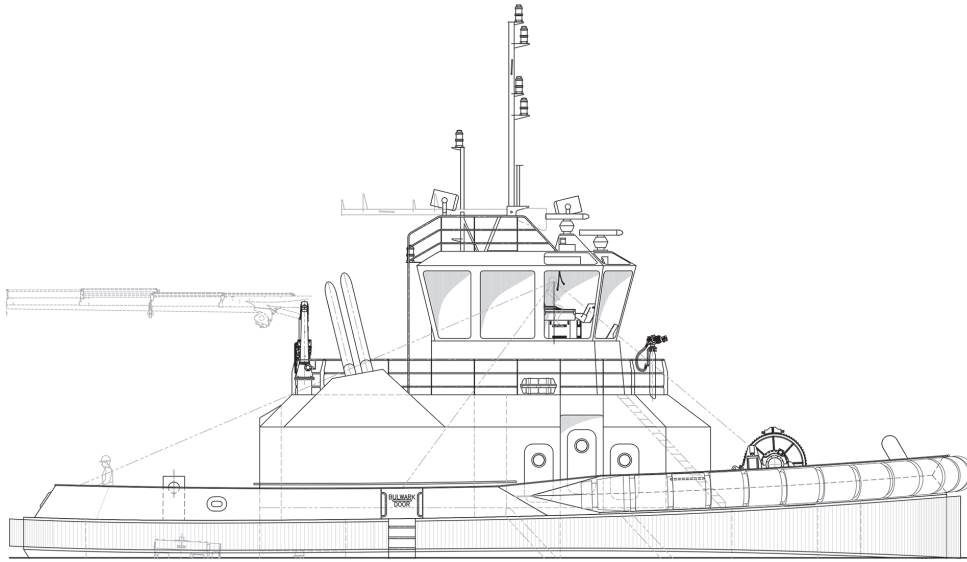
Equipped with advanced azimuth thrusters, the eTug+ can operate in either diesel-electric or fully electric mode, providing exceptional flexibility to accommodate a wide range of ship assist and escort operating profiles. This innovative tugboat represents a significant leap forward in sustainable marine solutions, aligning seamlessly with our commitment to pioneering environmentally conscious maritime technology.

Overall Dimensions

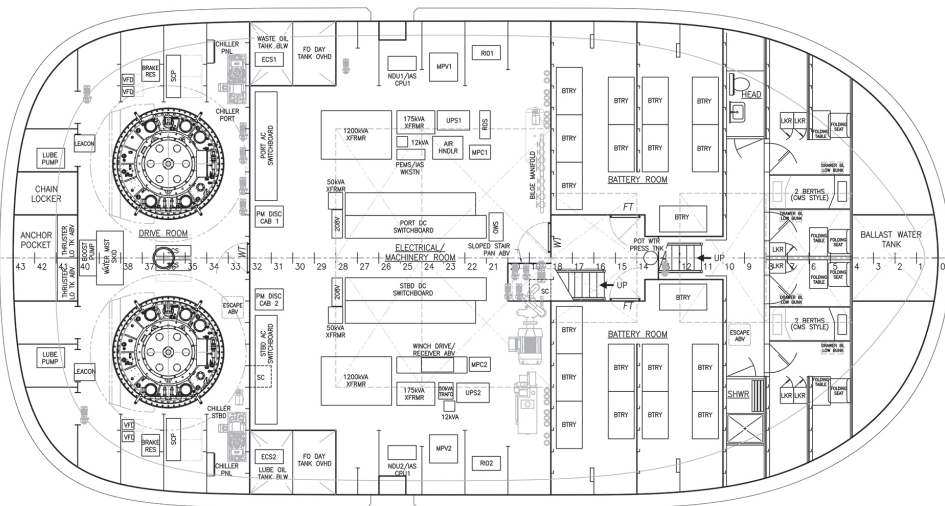
Length Overall.....	89'-10"
Length Molded.....	86'
Beam Molded.....	42'
Design Draft.....	15'
Draft.....	20.75'
Bollard Pull.....	90 ST
Speed.....	10 KTS
Gross Tonnage (US).....	<200 GRT
Gross Tonnage (IRC).....	< 500 GRT
Classification.....	✱ ABS USCG Subchapter

Specialized Equipment

Diesel Generators.....	4 x CAT C18 rated at 565 kW/480V
Thrusters.....	2 x Azimuthing Thrusters
Ships Monitoring & Automation.....	ABB Pilot Control
Ships Batteries.....	4520KWh ESS Corvus Orca
Shore Power.....	480VAC
Accommodation Space NC.....	60dB
Fuel Oil (98%).....	20,500 gal.
Potable Water(98%).....	4,500 gal.
FW Ballast (100%).....	4,600 gal.
Water Mist.....	3,800 gal.



MAIN DECK - DECKHOUSE
SCALE: 1/8" = 1'-0"



TANK TOP
SCALE: 1/8" = 1'-0"