



TES-10040

# 100' x 40' Hybrid Tug

Crowley was selected to design Baydelta Maritime's new 100-foot Z-Drive hybrid tug, using Rolls-Royce hybrid technology. This marks the first hybrid tug designed by Crowley to enter construction. Delivered in early 2019, the tug offers the same ship assist and tanker escort capabilities as the Valor-class tugs, with multiple operational modes. The Rolls-Royce system allows direct-diesel, diesel-electric, or fully electric operation, reducing fuel consumption and emissions. The tug is ABS Load Line and Classed, and compliant with U.S. Coast Guard Sub-Chapter M regulations.

## Overall Dimensions

Length .....	100'-0" (30.5 m)
Breadth .....	40'-0" (12.1m)
Depth.....	17'-0" (5 m)
Bollard Pull.....	90 short-ton (81.7mT)
Main Propulsion.....	750 gal
Berths .....	2 x Cat 3516 Diesel Engines each rated 1995 kW at 1600 rpm 2 x 420 kW motors

## Specification Highlights

Z-Drives.....	2 x Rolls Royce 255FP
Fuel .....	3 x Cat C9.3 Generators 300 kW each
Winch .....	Rapp-Electric hawser winch and Single Drum Tow winch
Fuel .....	68,650 gal
Fresh Water .....	4,300 gal
Berths .....	7

