

Renegade is a ship docking tug that ABD built for Mr. Jack Davies, the owner of Standard Towing Ltd. The vessel was designed by A.G. McIlwain Ltd, a renowned West Vancouver naval architect. She was built in North Vancouver, BC. By ABD and delivered to the owner in May, 2012.

RENEGADE was designed and built to render great maneuverability with stability in all directions, particularly sideways with minimum heel. .

Sea trials demonstrated RENEGADE's capabilities, powering sideways at 4.9 knots, and rotating 360° in 12 seconds.

She can be brought to a full stop from a top speed of 10.7 knots within the length of the vessel. RENEGADE is also under the 150-ton hull measurement.

In addition to ship docking RENEGADE has coastal line-haul towing capability. Her accommodation is mounted on rubber to render a quiet environment, and is fitted out nicely with 4 bright staterooms and a modern galley. She can comfortably accommodate a crew of 6.

Renegade can hold 67,184 liters of fuel for extended towing range.

She is powered by a pair of Cummins KTA38(M) IMO Tier 1 mechanical diesels that are fitted with the Century electronic fuel governing. They are operable at two variable horsepower outputs – 1000 hp total (giving the tug an estimated bollard pull ahead of 33,000 lbs) and 1600 hp total (bollard pull ahead estimated at 50,000 lbs). At the 1000-hp rating the tug is Transport Canada-certified for operation by a crew of two for the ship docking at Port McNeill. With the adjustment of a governor switch each engine is increased to the 1600-hp output for jobs that require higher and/or more continuous horsepower. When operated above 1000 hp an engineer joins the crew on RENEGADE, as required by Transport Canada regulation. Both ratings are conservative on the V-12 38-litre engines which drive ZF/HRP 5000 ASD thrusters.

The pilothouse features large windows for 360\* visibility from the U-shaped control console. There is also a flying bridge station with controls including for the winch. With the bulwarks and the raised forecastle the visibility is restricted down to the water surface from the main helm.