



POWER PROFILE



Application:	Light Duty Commercial - Parks & Wildlife Patrol Vessel
Vessel Construction:	Aluminum
Vessel Name:	Shearwater II
Vessel Owner:	National Parks & Wildlife
Length (LWL / LOA):	34' LOA
Weight:	-
Engine Model:	6LY400 x 2
Engine Power Rating:	294kW (400mhp) @ 3300rpm
Drive Configuration:	Shaft Drive with Fixed Pitch Propellers
Gear Ratio and Model:	2.04:1 / Twin Disc MGX5065A
Electronic Control Type:	Twin Disc EC300 Quickshift / Yanmar VC20
Cruise Speed:	20 to 25 knots
Top Speed:	28.1 knots
Propeller Size:	21.5" x 26.5" 4B
Technician Name:	Ian Mills
Date of Operational Check:	29 th March 2021
Sold by:	Power Equipment – New South Wales / Batemans Bay Marine
Repower Installation Completed by:	Batemans Bay Marine – Batemans Bay NSW

Comments:

Another successful repower replacing old 330HP Cummins engines with latest technology electronic common rail engines from YANMAR, coupled to Twin Disc Quickshift Gearboxes using EC300 Quickshift controls. The vessel is operated by National Parks & Wildlife for patrolling operations around Montague Island from their base in Narooma NSW. With the new engines, they have halved the time it takes to get out to the island with no increase in fuel consumption. With the Quickshift controls, the vessel easily handles the tricky sea conditions operating around Montague Island when docking at the wharf. The YANMAR engines give everything National Parks were looking for, reliability, improved fuel economy and increase vessel operational performance, which the YANMAR 6LY400 delivers.

Disclaimer: Power Equipment provides this Performance Report for general information only. This data is accurate only as to the exact date, time and specifications set out in this Report. YANMAR makes no warranties as to the performance or fuel consumption of any boat equipped with a Yanmar engine as numerous factors affect actual performance of an engine.



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