



POWER PROFILE



Application:	Commercial – Harbour Ferry
Vessel Construction:	Aluminium
Vessel Names:	Catherine Hamlin / Fred Hollows / Victor Chang / Pemulwuy / Bungaree / May Gibbs
Vessel Owner:	Transport for New South Wales
Length (LWL / LOA):	36.4 MTR LOA
Weight:	110 Tonnes
Engine Model:	Yanmar 6AYEM-GT
Engine Power Rating:	749kW (1018mhp) @ 2000 RPM
Drive Configuration:	Shaft Drive
Gear Ratio and Model:	Twin Disc MGX6599SC / 2.045: 1
Electronic Control Type:	Twin Disc Quickshift EC300
Cruise Speed:	20 Knots
Top Speed:	26 Knots
Propeller Size:	40.5" x 43" 5 Blade
Technician Name:	Jim Kibblewhite / Noel Van Der Meulen
Date of Operational Checks:	#082 – 10 th November 2016 / #083 – 20 th April 2017 #084 – 8 th June 2017 / #085 – 10 th August 2017 #086 – 7 th September 2017 / #087 – 12 th October 2017
Sold by:	Power Equipment
New Installation Completed by:	Incat Tasmania

Comments:

Operational Check # TAS-INCAT – Six Emerald Class Ferries operating on Sydney Harbor. Ferries are also equipped with two Mase Mariner 3400T Marine Generators per vessel, rate 33.7kW @ 1500 RPM. Ferries are operated and maintained by Harbour City Ferries for Transport for New South Wales

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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