

YANMAR

POWER PROFILE

Application:	Pilot Vessel
Vessel Construction:	GPR
Vessel Name:	PV Alert
Vessel Owner:	Flinders Ports
Length (LWL / LOA):	15.6 metres
Weight:	23,500 kgs
Engine:	YANMAR 2 x 6HYM-WET(L)
Engine Power Rating:	478kW (650mhp) @ 2150 RPM
Drive configuration:	Shaft
Gear Ratio and Model:	2.00:1 / 2 x Twin Disc MGX-5135-A IM
Electronic Control Type:	Twin Disc EC 300
Top Speed:	28.1 knots
Propeller Size:	30" x 36 3/8" x 5 Blade Mikado
Technician Name:	Steve Parsons, Nick Lee, Jim Kibblewhite, Jason Harris
Date of Operational check:	14th April 2015
Sold by:	Power Equipment
New vessel installation by:	Hart Marine

Operational Check # VIC 07 refers

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Comments:

The team at Hart Marine have made comment that the engines are the smoothest and quietest that they have used to date and they are extremely happy with the performance of the 6HYM-WET(L) rated engines.

The vessel's 0 > 25 knots acceleration time was a very impressive 15 seconds and the top speed was achieved inside of 20 seconds.

This is clearly the bench mark by which all other pilot boat manufactures in the world today will be judging their performance and build quality on. "PV Alert" is the first of two identical vessels ordered by South Australian pilot service "Flinders Ports" and makes it the third Yanmar powered vessel in their fleet with vessel number four due mid-2015.

For more info on the world beating ORC Pilot Boats go to www.hartmarine.com.

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.