



POWER PROFILE



Application:	Commercial – Ocean Going Lighter
Vessel Construction:	Aluminium 5083 Alloy Plate
Vessel Name:	R146
Vessel Owner:	Pitcairn Islands Group
Length (LWL / LOA):	16.2M (LOA)
Weight:	30,000 kg Fully Laden
Engine Model:	Yanmar 6CXBM-GT (S) x 2
Engine Power Rating:	374kW (509mhp) @ 2700 RPM
Drive Configuration:	Twin Hamilton Water Jet Model HJ403 with 61kW Impellers
Gear Ratio and Model:	1.448:1 / ZF305-3
Control Type:	N/A
Cruise Speed:	9 - 20 knots depending on load & operation mode.
Top Speed:	22.5 knots in light ship condition
Propeller Size:	61kW Hamilton Jet Impeller
Technician Name:	Brian Bone
Date of Operational Check:	27 th May 2020
Sold by:	Power Equipment Ltd (NZ)
New Installation Completed by:	Icon Custom Boats (Rangiora, NZ)

Comments: Design by Scott Robson. Further info @ www.robsondesign.co.nz.

Built by Icon Custom Boats. Further info @ www.iconcustomboats.co.nz

Pitcairn is the least populated territory in the world situated in the middle of the Pacific Ocean - more than 3000 miles from any continent. Reliability and easy maintenance is critical for any equipment in this region so naturally Yanmar was a perfect choice for this new multi-use vessel which provides ship to shore transfers, for all goods, supplies and passengers. Design also caters for a removable passenger pod which can carry up to 40 people from visiting cruise ships as well as the ability to operate at 20 knots in a medivac role to the nearest air strip which is some 550kms away from Pitcairn.

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.



Australia, NZ and South Pacific Distributor

Contact us for your nearest Dealer

Australia: 1800 069 469

www.powerequipment.com.au

New Zealand: +64 9 358 7478

www.powerequipment.co.nz