

Muslim Magomayev, Hobart – Tasmania

CUSTOMER	Incat
LOCATION	Hobart, Tasmania
DESCRIPTION	Penske Power Systems commissions and installs four MTU Series 4000 marine engines into the Muslim Magomayev vessel, the largest high-speed crew tender in the world
OPERATIONAL DATE	September 2014



Leading Australian shipbuilder Incat, based in the Hobart suburb of Derwent Park, Tasmania, has made news with its latest high-speed catamaran, christened the Muslim Magomayev.

At 70 metres in length, the vessel is the largest high-speed crew tender in the world and will be put to work through the Shah Deniz oil and gas fields, located in the Caspian Sea, Azerbaijan. She is the first catamaran of this type and size built to handle sailing in 74 km/h wind speeds and waves of up to three metres.

To prevail in these conditions the vessel relies on the unbeatable propulsion and performance of four continuously rated 16-cylinder MTU Series 4000 engines.

The MTU engines were specified for their unrivaled power density in terms of volume-to-power and power-to-weight ratio. Engineered for low operating noise levels and superior performance, the Series 4000's advanced technology ensures security at sea with exceptional fuel efficiency and reliability compared to other engines in its class.

Through the utilisation of leading technology from MTU and its in-house marine capabilities, Penske Power Systems again confirms its ability to meet the most demanding operational criteria in the industry today.

CONFIGURATION

The vessel is propelled by four 16V 4000 M73L engines each delivering 2880 kW of power for a top speed of 40 knots (74 km/h), which is impressive for a catamaran that offers approximately 200 tonnes in cargo capacity and is capable of carrying 150 passengers and 14 crew members, along with deck cargo.

The MTU propulsion system, housed in twin engine rooms, is well suited to the hull configuration of the Australian-built crew boat and includes main engines and ZF gearboxes, which power Hamilton HT 900 waterjets to offer high speed and maneuverability.

The design also incorporates an active ride control system of T-foil interceptors and yaw stabilisers that respond instantly to deliver a smoother, flatter ride.

FEATURES

The engine package also delivers in terms of the particular attention paid to onboard noise and vibration to create a pleasant and comfortable cabin experience.

To assist with ongoing maintenance, each main engine has a removable deck hatch to allow for easy removal if required, as well as additional equipment removal hatches and onboard hydraulic crane lift equipment, all of which makes for seamless service access.

For more information contact our Marine team on 1300 688 338.

