

Location: United States of America

Service: Crewboat

Waterjet Model: HM811



Waterjet Performance Sets New SEACOR Cat Among the Pigeons

SEACOR Cheetah is one of the most significant vessels to be launched in 2008, and sets a new benchmark for crewboat performance, efficiency and versatility. The first of the "Crewzer" class of fast support vessels was built with a very specific role in mind, and its propulsion set-up of four HamiltonJet HM811 waterjets powered by MTU engines provides all the power it needs to fulfil that role.

The Crewzer Class has been designed to offer the best of both worlds when it comes to crew transfer operations. High speed and comfortable ride give it the advantage over traditional monohull crewboats, while the ability to carry up to 150 passengers, 46,000 litres of fuel, 13,000 litres of fresh water and 150 tonnes of deck cargo make it a more versatile alternative to helicopters.

With a passenger-only top speed of 42 knots and 35 knots fully laden, SEACOR Cheetah is significantly faster than other crew/supply boats operating today. She utilises trim tabs in an "inertial-control" ride control system to improve performance and passenger comfort at speed, and a Kongsberg Dynamic Positioning system to assist in fast and safe transfer of crew. The DP-2 system's computers link engines, waterjets and twin bow-thrusters to maintain vessel position, and do so even with the loss of

a main engine, thruster or generator.

Waterjets were the obvious choice for this vessel for several reasons. For one, the quad HM811 configuration has proven very successful on the Incat Crowther / Gulf Craft catamaran passenger ferry Key West Express (JB389). The reliability and versatility of HamiltonJet waterjets in monohull crewboats, as well as their high speed efficiency, are key requirements for a vessel operating in the highly competitive oil industry, particularly in more remote locations such as off the coast of Angola, where SEACOR Cheetah is currently operating.



HamiltonJet
www.hamiltonjet.co.nz

NAME:

SEACOR Cheetah (Crewzer Class)

SERVICE:

Crewboat / Offshore Supply

LENGTH:

50.90 metres (167')

BEAM:

11.70 metres (38' 6")

DRAUGHT:

2.10 metres (7')

CONSTRUCTION:

Aluminium

CAPACITY:

150 Tonnes Deck Cargo,

150 pax, 10 crew

SPEED:

42 knots

WATERJETS:

Quad HamiltonJet Model HM811

ENGINES:

Quad MTU diesel engines

Model 16V 4000 M71, each

2460kW (3305hp) @ 2000rpm

GEARBOXES:

Twin Disc/Nico MG61242SC

2.17:1 reduction

DESIGNER:

Incat Crowther, Sydney, Australia

BUILDER:

Gulf Craft, Patterson, LA, USA

HamiltonJet DISTRIBUTOR:

Sewart Supply, Morgan City,

LA, USA