

Location: United States of America

Service: Utility/Landing Craft

Waterjet Model: HJ364



TYPE:

MPF Utility/Landing Craft

LENGTH:

13.44 metres (LOA)

BEAM:

4.42 metres

DRAUGHT:

0.76 metres (laden)

CONSTRUCTION:

Aluminium

SPEED:

41 knots

DISPLACEMENT:

18,300kg (fully laden)

WATERJETS:

Twin HamiltonJet Model HJ364

ENGINES:

Twin Cummins diesel engine

Model QSM11

492kW (660hp) @ 2300rpm

OPERATOR:

US Navy's Maritime

Prepositioning Force (MPF)

DESIGNER/BUILDER:

Kvichak Marine Industries,

Seattle, WA, USA

HamiltonJet DISTRIBUTOR:

HamiltonJet Inc,

Seattle, WA, USA

HJ364 Waterjets for New Maritime Prepositioning Force Vessels

The first applications of HamiltonJet's newest waterjet model, the HJ364, are a fleet of 13m landing craft for the US Navy's Maritime Prepositioning Force (MPF). These vessels carry out a wide range of duties in a variety of operating conditions – the ideal situation for waterjets to display their many advantages.

The MPF boats have been designed and built by Kvichak Marine Industries in Seattle, with the initial 10-boat contract due to be completed this year. Each boat is able to carry a variety of payloads, and the large deck area can be quickly converted to suit each mission's particular requirements. A bow ramp allows for easy and rapid loading and deployment of troops and equipment.

The vessels will be stationed with the three US Navy MPF squadrons deployed around the world, where their role will be to move personnel and material to the beach, carry out force protection, and other missions.

With the wide range of loads and duties expected of these vessels, waterjets were the ideal propulsion option. HamiltonJet HJ364 waterjets were

chosen to give the best range of performance – fast sprint and cruise speeds as well as powerful low speed bollard pull. The inherent reliability and efficiency of twin waterjet propulsion, together with the shallow draught capability they provide, mean these boats can access more landing areas and deploy loads faster than if propellers were used.

The HJ364 waterjet supersedes the HJ362, giving improved cavitation and speed performance while reducing the area taken up inside the hull.



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