



UMO Green CTV

SERVICE:	CREW TRANSFER VESSEL	ENGINES:	3 x MAN D2862 LE483 IMO TIER 2
LENGTH:	31.4 Metres		1066kW (1430hp) @2100 rpm
BEAM:	11.0 Metres	GEARBOX:	ZF 3050
DRAUGHT:	2.30 Metres	DESIGNER:	Wind Naval Architects, Norway
CONSTRUCTION:	Aluminium	BUILDER:	Marsun Public Co. Ltd., Thailand
PASSENGERS:	24 pax & 6 crew	OPERATOR:	U-Ming Marine Offshore, Taiwan
SPEED:	34 knots	HJ DISTRIBUTOR:	BM Jet & Services Co Ltd.
WATERJETS:	Triple Hamilton Model HTX52 with AVX controls		

The UMO GREEN is a trimaran hull wind-farm crew transfer vessel (CTV). Driven by 3 x HTX52 waterjets and diesel main engines, the vessel can achieve 34knots at light load displacement. Service speed is 24knots at 80% MCR with a 10T deadweight. Manned by 6 crew members, the CTV transits and transfers 24 service personnel to offshore installations and other vessels. With a Softbow hydraulic fender, it allows personnel transfer operations in 3m significant wave heights. It can carry up to 10T of cargo, i.e., 1 x 20ft container or 2 x 10ft container and other cargo. The fleet will consist of 2 vessels.

HamiltonJet HTX52 waterjets are chosen for their superior manoeuvrability at both low and high speeds, as well as for its new and efficient design. The excellent reliability of the waterjets also increases the up-time operation for its owners.