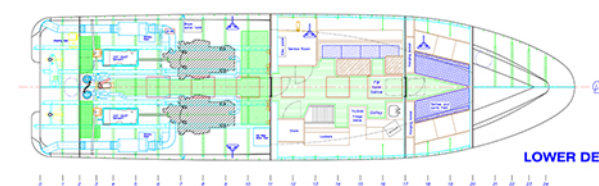
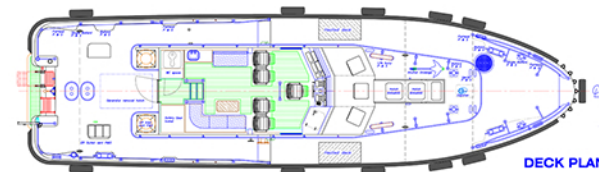
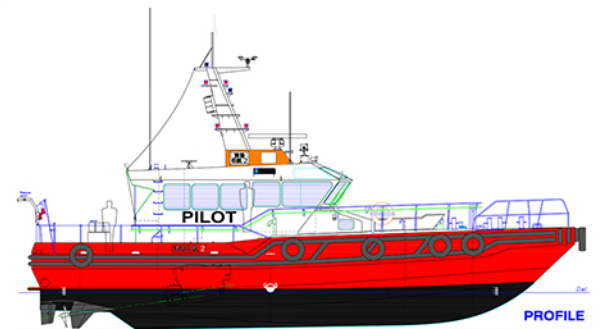


19m PILOT BOAT

CARMARC DESIGN PILOT BOAT for TIANJIN CHINA



Year Built	2011
Classification	UK MCA Small Commercial Vessel code of practice area category 3, up to 20 miles from a safe haven
Hull	Heavy duty steel all welded construction
Dimensions	Length - 19.65m, Beam - 5.25m, Draught - 1.30m
Main Engines	2 x V12, 4-stroke cycle, direct injected, turbo charged, after cooled, Caterpillar C32 DITTA marine engines, each at 1100hp @2100rpm. ZF 2050 2.032 : 1 ratio, twin disc reverse reduction gearboxes, fitted with clutches, thrust bearings and oil coolers. Fixed pitch propellers.
Rating	B - Heavy Duty, for vessels operating load and rated speed for up to 80% of the time with some load cycling (40-80% load factor) Typical Operation ranges from 3000 to 5000 hours per year.
Speed	22 knots
Tank Capacities	Fuel 4500 litres (Range 280nm @18knots) Fresh Water 350 litres
Navigation Aids	Electronic compass, radar, echosounder, hull transducer, 2 x VHF/DSC radios, GPS, AIS System, electronic chart display, handheld VHF radio, searchlights
Equipment	Anchor windlass; 2 x Caterpillar generator sets in acoustic enclosures, 16kVa each at 230Vac 50Hz; wet exhaust system; 'D' section fendering; mooring and anchor handling equipment, 2 x SOLAS approved liferafts
Accommodation	10 x Crew/Pilots. Fitted with heated galley, mess area and WC. Store and workshop area in forward compartment



TIME CRITICAL PRECISION

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WORK BOATS
MARINE ENERGY
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