JetBrief

Location: West Africa **Service**: Crew/Supply Boat **Waterjet Model**: HM811

NAME:
Kemba & Surf Express

SERVICE:
Crew/Supply Boat (FSIV)

LENGTH:
53.55 metres

BEAM:
10.00 metres

DRAUGHT:
2.35 metres

CONSTRUCTION:
Aluminium

SPEED:
30 knots (lightship)

PAYLOAD:
50 passengers & 227 tonnes cargo

WATERJETS:
Quad HamiltonJet Model HM811

ENGINES:
Quad Cummins diesel engines
Model KTA 50-M2, each
1342kW (1800bhp) @ 1900rpm

GEARBOXES:
Quad Twin Disc MG 6848SC

DESIGNER:
Bureau Etudes Mauric, France

BUILDER:
Chantiers Piriou,
Concarneau, France

OPERATOR:
Sonasurf (Surf), France

HamiltonJet DISTRIBUTOR:
Ateliers Louis Galli SA,
Marseille, France

HM811 Jets Give Added Edge to Multi-Purpose Offshore Vessels

Kemba and Surf Express are offshore support boats with a difference. Not only do they carry heavy loads for the West African oil industry, they are also offshore firefighting and rescue boats. And the use of Hamilton HM811 waterjets is a key component for the success of these unique Fast Support and Intervention Vessels (FSIV).

Hamilton waterjets are a preferred propulsion for high speed crew/supply boats around the world, and they were the ideal choice for sisterships Kemba and Surf Express. Reliability and propulsive efficiency are crucial for high-workload vessels operating out of Angola, as is manoeuvrability during loading/unloading, rescue and firefighting duties.

Waterjets were the only solution, which suited operator Surf with its long experience with HamiltonJet – although Kemba was its first vessel with HM811 size units. The quadruple HM811 propulsion setup allows the two vessels to operate at a service speed between 20 and 30 knots, depending on load size, without risk of overloading the engines.

Each vessel utilises two 1500m^3/h firefighting pumps, which take 900hp from the front of the inner main engines and feed remote controlled monitors. When these are in use the boat maintains manoeuvrability using the outside waterjets and a bow thruster.

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