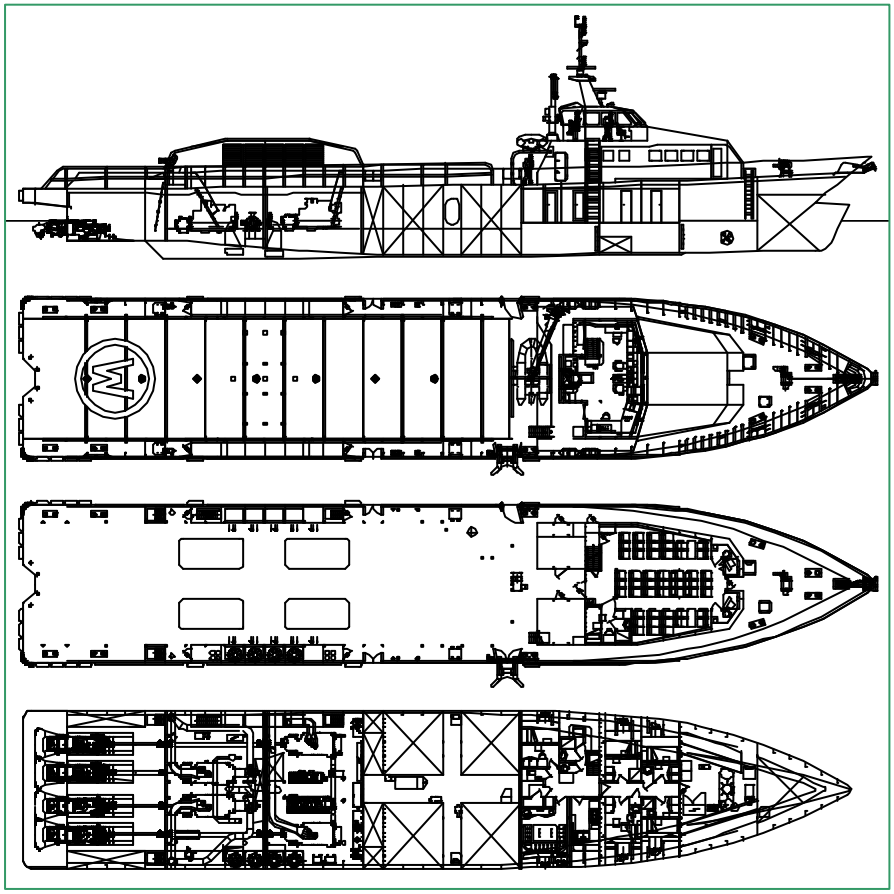
Fast support and intervention vessel (FSIV)

BOURBON EXPRESS

50 Passengers

263 Metric ton deadweight





BOURBON EXPRESS has been designed by Surf for fast transportation of personnel and cargo.

Able to carry 226 tons on deck at 20 knots, this vessel allows crew changes on distant deep water fields and urgent cargo shipments.

Under her main deck, the vessel is fitted with fuel and fresh water cargo capacities.

In addition, the vessel has a 2,400 m³/h external Fi-Fi capacity (Fi-Fi class I).

Her waterjet propulsion and her bow thruster gives her an excellent manoeuvrability.

15-06-2005

BOURBON

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CONSTRUCTION

Hull shape : type "FSH" (fully shaped hull).
Hull and superstructure materials: sea water resistant aluminium (AG 4 MC).

MAIN DIMENSIONS

Overall length:.....53.55 m.
Length waterline: .....48.95 m.
Overall beam: .....10.00 m.
Moulded depth: .....4.05 m.
Draught: .....2.35 m.
Maxi. Dead weight: ……..263 t.
Light displacement: ……..215 t.
Loaded displacement: ……...478 t.

APPROVALS

Class: 1 ✠ HULL ● MACH - LIMITED OPEN SEA H 1/3 < 4m - HSC - CAT A - Fire-Fighting ship 1.
International load line certificate.
Approved for transportation of 50 passengers and 7 crew.
SOLAS compliant Life saving equipment .

ACCOMMODATION

- Insulated and air conditioned.
- Large windows.
- Luggage racks, video, drinking water fountain.
- Fitted with 50 individual seats in 1 lounge.
- 1 sick berth.
- 2 Restrooms with washbasins.
- 2 single cabins, 3 double cabins.
- Mess room, galley, 2 cold store rooms, laundry.

PROPULSION

- **MAIN ENGINE**: 4 x CUMMINS - KTA 50M2. Maximum output: 4 x 1,800 BHP at 1,900 rpm.
- **GEAR BOX:** 4 x Twin Disc MG 6848 SC.
- **WATERJET:** 4 x HAMILTON HM 811.
- **BOW THRUSTER:** 1 x 200 HP
- Soundproofed and thermal insulated engine room.
- Spark Arresting Mufflers.

PERFORMANCE

Max speed:…….30 knots.
Cruising speed: ……..24 knots.
Full loaded speed: ……...20 knots.
Consumption: Max speed: ……1,200 l/h.
Cruising speed: ……675 l/h.

CAPACITIES

Fuel oil: ……130 m^3.
Cargo water: …….....100 m^3.

EQUIPMENT

- GMDSS area A3.
- 2 Radars.
- 2 GPS.
- 1 Autopilot.
- 1 Gyrocompass.
- 1 Echo sounder.
- 1 Float free EPIRB.
- 3 portable VHF radios.
- 2 Watertight searchlights.

Outfit and safety equipment complying with international regulations for transportation of passengers (SOLAS), and fire-fighting (class I).

CARGO DECK

Designed to carry up to 226 tons, free deck space allows the use of the "standard basket" for loading and unloading passengers.

- Aft deck area: ……..29.00 x 7.60 m.
- Deck strength: ……2.5 t/m^2.
- Maxi loading: ……226 tons.
- Deck fittings: ……cargo hold downs.
- Deck protection: ……wood sheathing.
- Tugger Winch: ……..1x 5 tons.

FIRE-FIGHTING EQUIPMENT

2 Pumps: capacity 1,500 m^3/h each, pressure 14 bar.
The pumps are driven by the central engines.
During fire-fighting operations, the craft keeps excellent manoeuvrability and directional control using the lateral waterjets.
Two remote controlled monitors on aft main deck, each 1,200 m^3/h.
The vessel is protected by a deluge system.

All particulars believed to be correct but not guaranteed

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