



175' BOURBON SUMATRA

DP2 fast support and intervention vessel (FSIV)

60 passengers

226 Metric ton deck cargo



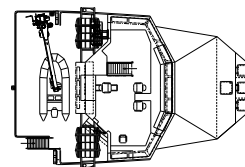
This 175' SEAS FSIV, BOURBON SUMATRA has been designed by PIRIOU INGENIERIE and MAURIC Design Office for fast transportation of personnel and cargo.

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

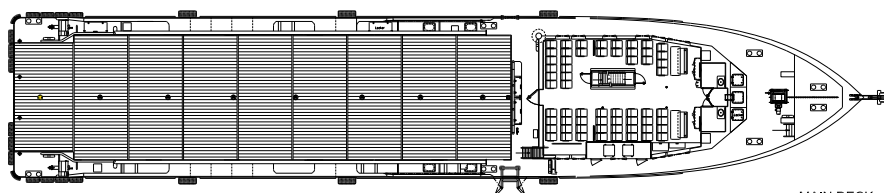
Under her main deck, the vessel is fitted with fuel and fresh water cargo capacities.

It is fitted with a class DP2 system, and Fi-Fi 1 system with two remote controlled monitors 1,200 m³/h each located aft and deluge system.

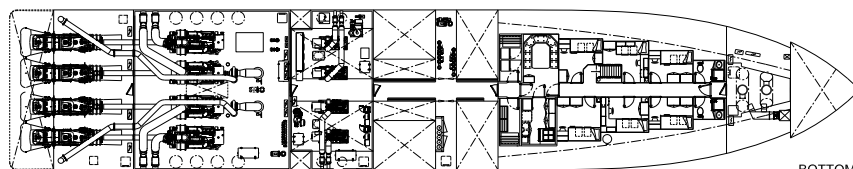
Her waterjet propulsion and her two bow thrusters gives to this FSIV, an excellent manoeuvrability.



WEELHOUSE DECK



MAIN DECK



BOTTOM

"Photo: BOURBON MARAAMU, Sistership of BOURBON SUMATRA".

REGISTRATION

Vessel Name: **BOURBON SUMATRA**

Type: **Crew boat**

Year: **2015.**

Owner: **BOURBON.**

Builder: **SEAS - VIETNAM.**

Class: **BV I, ✱ HULL, ✱ MACH, Crew boat, SDS, DYNAPOS, AM/AT R, FiFi 1.**

Flag: **VANUATU.**

FAST SUPPLY AND INTERVENTION VESSEL

Updated: 01-04-2015





TECHNICAL SPECIFICATIONS

FSIV – 175' SEAS - BOURBON SUMATRA



■ MAIN PARTICULARS

DIMENSIONS

Length overall:55,10 m
Breadth moulded:10,00 m
Depth moulded:4,50 m
Draft:2,24 m
Deadweight:280 t
Gross tonnage:475
Net tonnage:142

CAPACITIES

Cargo deck area: (31,30 x 7,80) 242 m²
Deck cargo max:226 t
Deck load:2.5 t / m²
Fuel oil cargo:83 m³
Fuel oil service tank:32 m³
Fuel oil daily tank:24 m³
Fresch water cargo:100 m³
Fresch water:6.6 m³
Ballast water fore / aft:35 m³ / 25 m³

DELIVERY RATES

Fuel oil:50 m³/h at 7 bars
Cargo fresh water:50 m³/h at 7 bars

ACCOMMODATIONS

Crew accommodations for:10 pers
1 man cabins:2
2 man cabins:4
Mess / day rooms, laundry, galley, stores, sick berth, restrooms.
Fully air conditioned.
Fitted with 60 individual seats for passengers in 1 lounge.
Insulation treatment for low noise in DP mode.

■ MACHINERY / PERFORMANCE

PROPULSION - MACHINERY

Main engines:4 x 1,342 kW
Waterjets:4 x 1,288 bkW—HAMILTON HM 811
Gensets:2 x 210 kW + 2 x 142 kW
Bow tunnel thrusters: (Electric).....2 x 150 kW
Shore connection:AC- 440 V / 80A / 60 Hz

SPEED / CONSUMPTION

Maximum speed (4 engines @ 100% MCR):29.7 t/day
PAX: 30 kts / Cargo: 25.5 kts
Service speed (4 engines @ 80% MCR):24.2 t/day
PAX: 27 kts / Cargo: 23 kts
Economic speed (2 engines @ 80% MCR):12.1 t/day
PAX: 20 kts / Cargo: 17.0 kts

(PAX: Low draft /Cargo: Mid draft /Clean hull and propellers /Calm sea)

■ EQUIPMENT & ELECTRONICS

DECK EQUIPMENT

Anchor windlass:1
Tugger (prepared for x 1):1 x 5 t
Fi-Fi 1:2 monitors Jet/Foam (1,200 m³/h) and 2 pumps
(1,500 m³/h)
Deluge system (500 m³/h).
Dispersant system: ..water spray booms (6.00 m) / Electro-pump

SAFETY EQUIPMENT

Life saving arrangement.
Stand by rescue equipment.
1 MOB boat (6 pers) with davit SOLAS.

DYNAMIC POSITIONING SYSTEM

Type: NAVIS Nav DP 4000 DP2
System including:
- 3 reference sensors: 2 DGPS, 1 CYSCAN
- 3 wind sensors, 3 gyros, 2 vertical reference units
- 2 DP consoles, 1 independant joystick control system

ELECTRONICS

NAVIGATION

2 radars (one ARPA)
1 magnetic compass
1 digital echo-sounder
1 speed log
1 electronic chart display
Independent autopilot (DP mode)
1 GPS, 2 DGPS
Navtex
AIS

COMMUNICATION

1 radio system compliant with GMDSS A3
1 Fleet broadband 500 with Voice, ISDN64 data and fax
1 BLU
2 INMARSAT C
4 VHF, 1 VHF ICOM
SSAS, LRIT
Intercom system

All particulars believed to be correct but not guaranteed

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