



175' SURF LESTARI

DP2 fast support and intervention vessel (FSIV)

50 passengers

226 Metric ton deck cargo



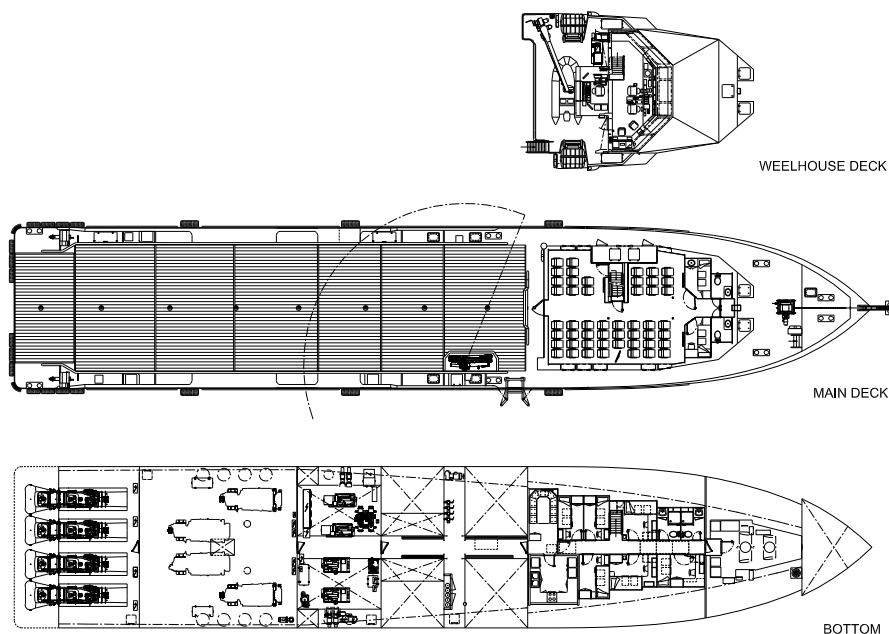
This 175' SEAS FSIV, SURF LESTARI has been designed by PIRIOU INGENIERIE and MAURIC Design Office for fast transportation of personnel and cargo.

In addition to seating for 50 passengers with business class seats in the aft cabin, it is 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 has two remote controlled Fi-Fi 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.



FAST SUPPLY AND INTERVENTION VESSEL

REGISTRATION

Vessel Name: **SURF LESTARI**

Type: **Crew boat**

Year: **2014.**

Owner: **BOURBON.**

Builder: **SEAS - VIETNAM.**

Class: **BKI & ABS, HSC Crew boat, ✱ A1, ✱ AMS, ✱ DPS2.**

Flag: **INDONESIAN.**

Updated: 03-04-2015



TECHNICAL SPECIFICATIONS

FSIV – 175' SEAS – SURF LESTARI



■ MAIN PARTICULARS

DIMENSIONS

Length overall:55,10 m
Breadth moulded:10,00 m
Depth:4,40 m
Draft:2,25 m
Deadweight: (approx).....305 t
Gross tonnage:464
Net tonnage:139

CAPACITIES

Cargo deck area: (without crane space)....(31,30 x 7,80) 238 m²
Deck cargo max:226 t
Deck load:2.5 t / m²
Fuel oil cargo:80 m³
Fuel oil service tank:31 m³
Fuel oil daily tank:24 m³
Fresh water cargo:101 m³
Fresh water:7.0 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 50 individual business class seats for passengers in 1 lounge

■ MACHINERY / PERFORMANCE

PROPULSION - MACHINERY

Main engines:4 x 1,342 kW
Waterjets:4 x 1,288 kW—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
Main deck foldable crane:1t at 10m
Fi-Fi:2 monitors (1,200 m³/h) and 2 pumps (1,200 m³/h)
Deluge system.
Dispersant system: 2 water spray booms (6.00m) / Electro-pump
Sewage treatment plant.

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
4 VHF, 1 VHF ICOM
SSAS, LRIT
Intercom system

All particulars believed to be correct but not guaranteed

BOURBON - 148, rue Sainte - 13007 Marseille - France
Internet: www.bourbon-online.com - E-mail: bourbon-offshore@bourbon-online.com