



58 / 58 / 64 / 88
COUPE RPH

STANDARD SPECIFICATION

EUROPE VERSION

DIMENSIONS AND MAIN CHARACTERISTICS

Length Overall L_{OA} (Incl. swim platform excl. anchor roller)	18,58 m
Hull Length L_H ISO 8666 (Net GRP - Swim platform excluded)	17,18 m
Waterline Length L_{WL} ISO 8666 (Full load conditions)	17,00 m
Hull Beam B_{Hmax} ISO 8666 (@ Mid-ship section)	5,36 m
Max Draft - T_{MAX} ISO 8666	1,24 m
Loaded-Displacement Mass - mLDC ISO 8666	34,5 tonnes (with VOLVO D11) 36 tonnes (with VOLVO D13)
Light Craft Condition Mass - $m_{LCC ISO 8666}$ (= Dry displacement, no crew, no luggage)	28 tonnes (with 2 x VOLVO D11) 29,5 tonnes (with 2 x VOLVO D13)
Diesel Tank Capacity	3600 l
Fresh Water Tank	800 l
Black Water Tank Capacity	450 l
Gray Water Tank Capacity	225 l
Cabins	3 standard + 1 (optional crew cabin)
Beds	6 + (1 crew)
Heads	3 + 1 (crew head)
Building Material	GRP / Carbon hybrid fiber
Hull Type	Semi Displacement
Exterior Styling & Concept	Frers Naval Architecture & Engineering
Interior Decor	Design Studio Spadolini
Hull Design	Frers Naval Architecture & Engineering
Engines	VOLVO D11 670HP x 2 VOLVO D13 900HP x 2
Marine Gears	ZF 325 IV (VOLVO D11) ZF 335 IV (VOLVO D13)
Reduction Ratio	2.037:1 - ZF 325 IV 1.964:1 - ZF 335 IV
Transmission	V Drive
Propeller Diameter (Max)	800 mm
Max Speed	27 knots 30 knots
Cruising Speed	16 knots
Economy Cruising Speed	10 knots
Range 10 kn (Incl. 10% reservoir)	850NM
Certification	CE Category A

NOTE: All performance specified in the table above are design data and applies to a standard configuration boat (standard equipment installed as per this standard list) with clean keel, propellers, and rudders. Furthermore, the performance levels indicated above have been defined under good sea and wind conditions (Beaufort Scale level 1, Douglas Scale level 1, ambient $T < 25^\circ$, seawater $T = 15^\circ$, atmospheric $P = 103250$ Pa) with 2 people on board, 25% fuel, and fresh, grey and black water tanks empty. Different or harsher sea conditions and additional selected optional equipment may affect the performance.

STRUCTURE OF THE BOAT

The structural design is compliant to EN-ISO 12215. The hull, deck and superstructures are constructed in sandwich technology. Entire boat have been built using the vinylester resin infusion technique and assembled with structural adhesive engineered for marine application. Thanks to the vinylester resins maximum resistance to osmosis and better surface finishing Sirena Yachts is therefore able to provide a **5-year warranty against osmosis**. This construction technology reduces weight and improves construction quality and consistency. Deck and superstructure are made from **Carbon hybrid fabrics for improved lightness and strength**. Bulkheads are made in PVC sandwich and secondary bonded to the hull with lamination.

SEMI-DISPLACEMENT HULL

A semi-displacement vessel can take advantage of **increased power** and can achieve **greater speeds** when needed. Most of the time, semi-displacement vessel operates in displacement mode and is very **fuel-efficient**. Due to the lesser draft as compared to full displacement vessels, semi-displacement vessels have less “wetted surface area”, requiring less horsepower to propel the hull through the water. A semi-displacement hull can achieve about 35% more speed with the same engine load requirement as compared to a full displacement hull form, or conversely at the same speed use significantly less fuel and energy. The hard chine hull of a semidisplacement vessel is inherently more stable than a rounded bottom full displacement hull. Semi-displacements vessels are far more comfortable at anchor than any rounded bottom design.

EXTERIOR

HULL

- External surface finished with high resistance white gelcoat
- Moulded with tunnel for bow thruster and reinforcement for stern thruster
- Waterline boot top in burgundy red
- Antifouling painting

FLYBRIDGE

- Hybrid carbonfiber flybridge
- Anti-skid surface finish
- Hinged access weathertight hatch in white aluminium and Plexiglas®
- ISO and ABYC compliant stainless steel handrails and pulpits
- Plexiglas® windshield
- U-shaped seating area for up to 6 people on starboard sofa, with storage underneath
- Table for up to 8 people, with teak laid top
- Mast for 18" 4kW HD radar, VHF antenna, horn and optional navigation equipment
- Shower with hot/cold water mix on mast
- Wetbar with sink
- Storage behind helm station
- Aft sundeck area for optional seating area and chaise longue
- Helm station with double seating
- Fore sundeck area with cushion and storage underneath
- Skylight for the lower deck stairs
- Helm station with high resistance grey gelcoat
- Navigation lights

Helm station equipped with:

- Steering wheel
- Garmin 10" MFD GPSMAP 8610
- Garmin GHS 11 VHF Radio
- Depth/Speed transducer
- Anchor windlass control
- Navigation/anchor lights switch
- 12V socket
- USB socket
- Interceptor control
- Chain counter
- Horn switch
- Compass
- Activation of bilge pumps
- Bow thruster joystick
- Fire extinguisher alarm panel

Monitoring system functions integrated in to chartplotter displays:

- Grey water level gauge
- Black water level gauge
- Fresh water level gauge
- Fuel tank level gauge
- Shore power connection status-alarm
- Tenderlift platform position status
- Bilge high level alarm

SUPERSTRUCTURE

- Hybrid carbonfiber superstructure
- Deckhouse with front and side visors
- Tempered laminated glass deckhouse windows
- Europa grey side windows and neutral colour front windows
- Manuel sliding window in the helm station (port side)
- 2 windscreen wipers with washer
- Navigation lights (red, green)
- Sirena Yachts logo on deck house
- Courtesy lights on steps

FOREDECK

- Stainless steel pulpit
- Anti-skid surface
- 2 stainless steel hawses
- 2 mushroom bollards
- Fixed bow anchor roller
- Stainless steel anchor shield on bow
- 1700W Lofrans anchor windlass with mooring support
- Ultra 45kg stainless steel anchor
- 75m high resistance chain with 10mm diameter
- Chain wash down system
- Self draining chain locker and housing for 8 fenders
- Sofa with removable cushions and storage underneath
- Sunbathing area with removable cushions and storage underneath. Stainless steel handrails and Plexiglas® cup holders
- 2 lockers around the sofa

SIDE WALKWAYS

- Side walking areas and first steps of bow area entrance in teak
- 2 fuel fillers covered by GRP
- 2 stainless steel fairlead with cleats inside at mid-ship
- Fresh water filling inlet
- Black water deck suction discharge outlet
- Grey water deck suction discharge outlet
- Courtesy lights on steps
- Teak gunwale

AFT COCKPIT

- Teak covered steps from platform to cockpit
- Teak covered floor
- Side boarding gate on each sides
- Saloon door with 2 stainless steel panels (1 fixed) in tempered glass
- Flybridge access with a GRP teak laid stair
- Courtesy lights on steps from platform to cockpit
- 4 stainless steel fairlead
- 2 stainless steel mushroom bollard
- 2 Stainless steel and Plexiglas® gates with Sirena Yachts logo
- Cockpit sofa with cushions
- LED Spotlights under the flybridge with dimmer
- 2 watertight loudspeakers
- Manual activation of the fire extinguisher system
- Stainless steel handrails next to stairs
- Engine room access via GRP hatch
- Soft patch for engine and generator removal
- Access to aft storage area via GRP hatch on aft seat

AFT PLATFORM / TRANSOM

- Manual sliding swim ladder integrated in the platform
- Hydraulic tenderlift with 400kg net working load capacity
- Spray Anti-skid surface
- Glass on transom with integrated openable porthole
- Shower with hot and cold water mixer
- Fresh water shore connection
- Shore power socket 63A
- Maximum tender dimensions on the platform 2,80 x 1,40m
- 2 stainless steel mushroom bollards

INTERIOR

GALLEY

- Galley at the entrance of saloon on starboard side
- High pressure laminate flooring
- Low and high cupboards and bottle drawer starboard side
- Refrigerator and freezer 268lt (196lt +72 lt) at portside
- Storage area with shelves at portside
- Worktop in Corian
- Stainless steel sink
- Water mixer
- Four-hob glass ceramic cooktop
- Stainless steel pan holder
- Combi Oven
- Extraction hood
- LED spotlights
- Rubbish bin
- Curtain on the entrance door
- 1 AC socket

SALOON / DINETTE

- Carpet flooring
- U shape sofa and fixed table on portside
- L shaped sofa on starboard side
- Space to house TV lifting system at starboard side
- LED spotlights with dimmer
- Roman curtains on side windows
- Fusion Marine entertainment system
- TV antenna predisposition
- 2 AC socket
- 2 loudspeakers
- Service and engine batteries switches and engine room lighting switch at the entrance portside

Helm station equipped with:

- Helm seat on port side
- Storage area next to helm station
- 1 AC socket
- 2 Panel cabinet for storage next to the helm station
- Steering wheel
- Garmin 10" MFD GPSMAP 8610
- Garmin GHC 20 autopilot control head
- Garmin GHS 11 VHF Radio
- Depth/Speed transducer
- Spotlights switch
- Wheelhouse electrical panel next to helm seat
- Windscreen washing switch
- Anchor windlass control

- Navigation/anchor lights switch
- 12V socket
- USB socket
- Interceptor control
- Bow-thruster joystick
- Chain counter
- Horn switch
- Fire extinguisher alarm panel
- Compass

Monitoring system functions integrated in to chartplotter displays:

- Grey water level gauge
- Black water level gauge
- Fresh water level gauge
- Shore power connection status-alarm
- Tenderlift platform position status
- Bilge high level alarm

STAIR TO LOWER DECK

- Carpet on steps
- Courtesy lights
- Handrail

OWNER'S CABIN

- Located at amid-ship
- Carpet flooring
- En-suite head
- 2 AC sockets
- Double bed
- Mattress
- 2 nightstands
- 2 full size wardrobes with hangers and shelves
- Full size mirror
- TV Antenna predisposition
- Vanity on port side
- Sofa on starboard side
- Storage on port side and starboard side
- LED spotlights
- 2 wall lights
- Roman curtains
- 2 scenic windows

OWNER'S HEAD

- Located on the forward starboard of the owner's cabin
- Private access form the owner's cabin
- Corian flooring in head
- Toilet
- Shower area with Plexiglas® door
- Showerhead
- Shower mixer
- Washbasin
- Water mixer
- Bathroom counter top in Corian
- Mirror
- Cabinet underneath the sink
- Air extractor in shower
- LED spotlights
- 1 portlight

- AC socket with protection
- Toilet accessories
- Venetian blind

VIP CABIN

- Located on lower deck fore side
- Carpet flooring
- En-suite head
- Double bed with underneath storage
- Mattress
- 2 wardrobe with shelves on both sides
- TV Antenna predisposition
- LED spotlights
- 2 wall lights
- Roman curtains
- 2 scenic windows with one porthole each

VIP CABIN HEAD

- Located on starboard side with private access from VIP cabin
- Corian flooring in head
- Toilet
- Shower area with Plexiglas® door
- Showerhead
- Shower support with adjustable height
- Shower mixer
- Corian flooring in shower area
- Washbasin
- Water mixer
- Bathroom counter top in Corian
- Mirror
- Cabinet underneath the sink
- Air extractor in shower
- LED spotlights
- 1 window with porthole
- Venetian blind
- AC socket with protection
- Toilet accessories

GUEST CABIN

- Located on port side
- Carpet flooring
- Direct access to day head
- Twin beds with underneath storages
- Mattress
- 1 nightstand between two beds
- Full size wardrobe with hanging space mirror and shelves
- One portlight and scenic window
- Roman curtain
- LED lights
- 1 wall lights
- AC socket

GUEST'S / DAY HEAD

- Located on port side
- Entrance from guest cabin and corridor
- Corian flooring in head
- Washbasin
- Water mixer
- Bathroom counter top in Corian

- Mirror
- Cabinet underneath the sink
- Air extractor fan
- Toilet
- Toilet accessories
- Shower solution
- LED lights
- AC socket with protection
- Window with porthole

AFT STORAGE AREA (OPT. CREW CABIN)

- Access from aft cockpit via GRP hatch
- Free space for storage
- LED spotlight

ELECTRIC SYSTEM

- Halogen free and self extinguishing cables
- Bounding system with 2 sacrificial anodes
- Grounding system
- Galvanic isolator
- 230V AC - 50Hz with 63A shore connection
- 24V DC - 12V DC with negative grounded
- Inverter 1000W - 24 / 230V - 50Hz

GENERATOR

- 1 Cummins Onan generator 4kW - 50Hz (in the engine room)

PROPULSION SYSTEM

- VOLVO D11 670HP x 2
- ZF 325 IV Gearbox (Ratio 2.037 :1)
- 63,5 diameter duplex F51 Shaft (Shaft angle 8 degree)
- Aluminium bronze P bracket
- 800 x 830 mm 5 blades Teignbridge proppellers
- PSS Shaft seal

STEERING & MANOEUVERING SYSTEMS

- Servo electric power assisted steering system and autopilot system
- Garmin autopilot system
- Rudder blade in aluminium bronze
- Dynamic automatic trim control via interceptors
- 8 kW variable bow thruster- 24VDC,D. 250 mm

SHORE POWER CONNECTION

- Shore power socket 230V - 63A
- Power lines protected by dedicated GFCl circuit breakers
- 15 meter shore connection cable

BATTERIES

- 8 x 95Ah batteries for service
- 4 x 140Ah batteries for engine start
- 1 x 95Ah battery for generator start
- 1 battery charger - 24V/80A for service
- 1 battery charger - 24V/30A for starting batteries
- 1 battery charger - 12V/15A for generator battery

BILGE SYSTEM

- Nr. 1 x 24 V electrical bilge pump in engine room
- Nr. 1 x 24V automatic electrical bilge pump 24V in the accommodation area
- Nr. 1 manual bilge pump located at aft deck under mooring area. Two suction areas through a valve, one suction at accommodation area, one suction at engine room
- 4 Bilge level alarms
- 2 Bilge high level alarms
- Engine room emergency pump through a diverting valve fitted on engine seawater cooling line
- Each electric pump can be manually activated by switches placed in the helm station

FIRE EXTINGUISHING SYSTEM

- Seafire Novec manual and automatic extinguishing agent in the engine room
- Automatic shut down system
- Alarm on helm station and flybridge dashboards

FUEL SYSTEM

- 2 x stainless steel tanks (total 3.600 liters) located in the engine room
- Fuel level indicator for each tank on monitoring system
- Visual level gauge on port and starboard tanks
- 1 single separation filter for generator
- 2 single VOLVO separation filters for engines

FRESH WATER SYSTEM

- Nr. 1 HDPE tank (800L)
- Self priming fresh water pump
- Tank level indicator and empty status integrated in the monitoring system
- 60 liters water heater 220V - 1200W
- Hot and cold water in all head rooms, galley, cockpit, flybridge sink and fly shower
- Cold water outlet in engine room
- Filling cap on the side-walking
- Shore fresh water connection

BLACK WATER SYSTEM

- Nr. 1 HDPE tank 450 liters capacity
- Tank level indicator integrated in the monitoring system
- 3/4 and full tank indication in the heads
- Fresh water toilet flushing
- Holding tank discharge via suction on deck
- Overboard discharge of waste water via a dedicated line at the exit of the holding tank

GRAY WATER SYSTEM

- Nr. 1 HDPE tank 225 liters capacity
- 3 sump tanks under masterhead
- 3/4 and full tank indication in the heads and galley
- Water drainage from showers and sink into tank
- Level sensor integrated into the monitoring system
- Water drainage via manifold (24V membrane pump)
- Manual/Automatic overboard discharge

SEA WATER SYSTEM

- 2 sea water intakes with filters and valves for engine cooling system
- 1 sea water intake with filter and valve for generator cooling system
- 1 sea water intake with filter and valve for chain wash and deck wash system

ENGINE GAS EXHAUST SYSTEM

- Water-cooled engine exhaust, thermal-insulated stainless steel manifolds
- Fiberglass muffler integrated into the hull structure, submerged outlets, and bypass line on hull sides

VENTILATION / EXTRACTION

- Air inlet and outlet openings with a GRP cover on hull sides
- Nr. 2 24V air inlet fans at ventilation channel
- Nr. 4 24V air extraction fans at ventilation channel
- Mist eliminator at each channel

OTHER EQUIPMENTS

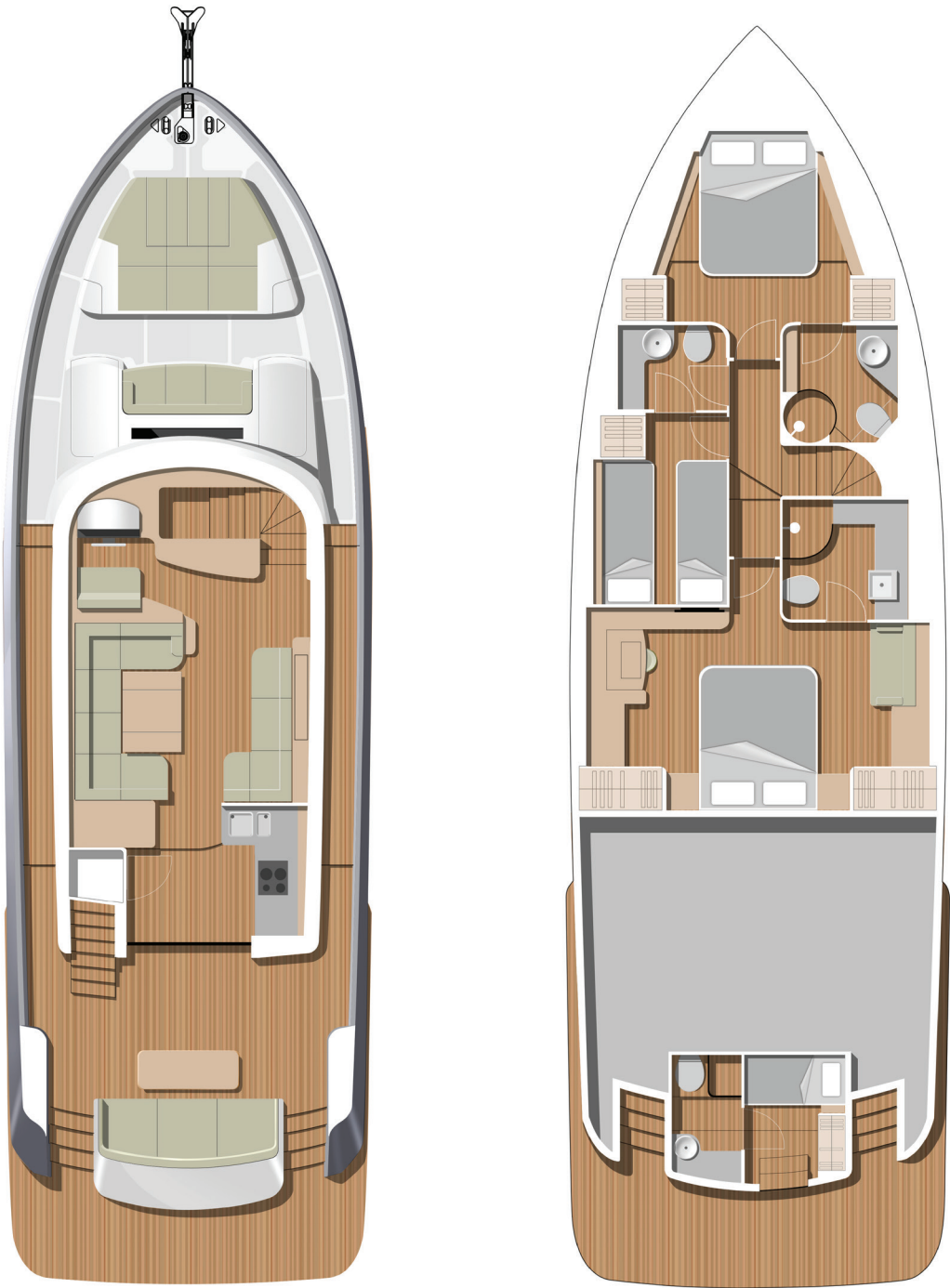
- Four 12 meters mooring lines in 18mm diameter
- 8 fenders with 8mm diameter lines
- Fender covers with Sirena Yachts logo
- Owner's manual
- CE certificate
- Nr. 2 leather fender hook

Sirena Yachts reserve the right to change specification without any prior notice.
Effective from 1st of January 2020 **REV05**. This replaces all previous lists."

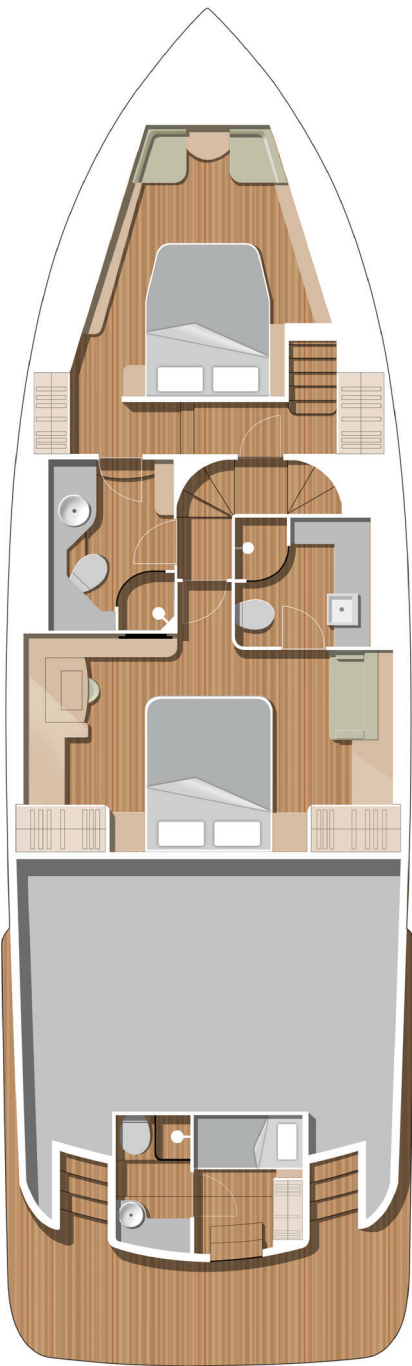
Sirena 58 Layout



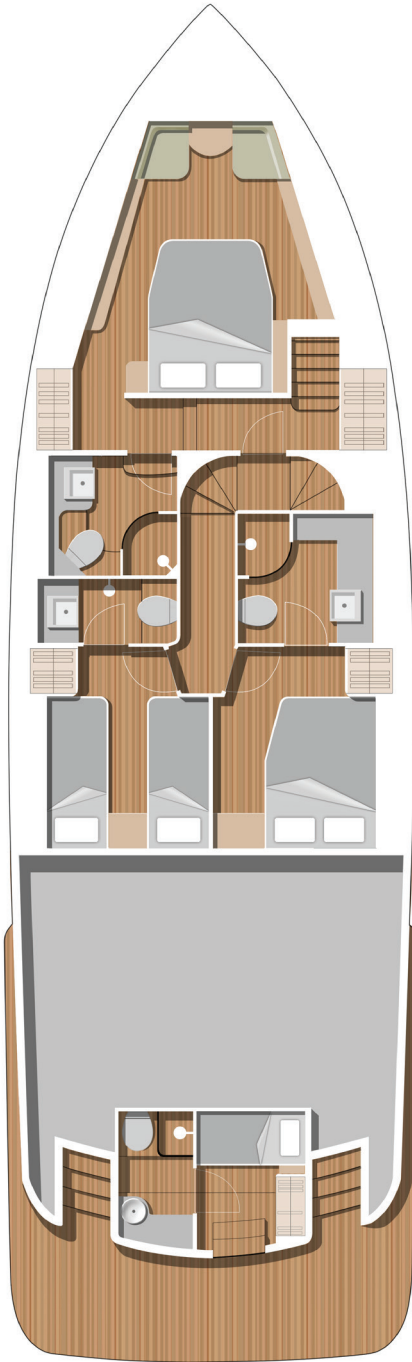
Main Deck Standart Layout



Optional 2 Cabin Layout



Optional 3 Cabin Layout



SIRENA  YACHTS

A brand of  SIRENA MARINE