



# SARP YACHTS



28m Trawler



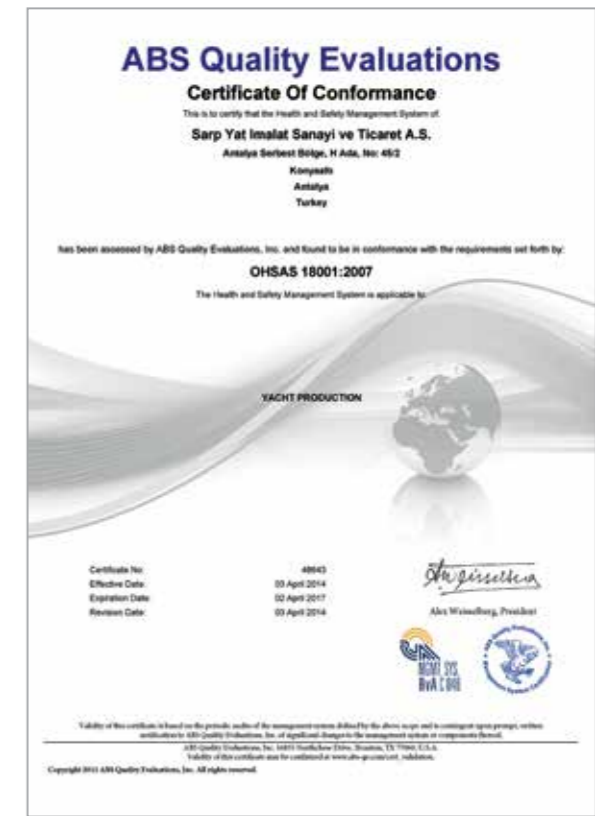
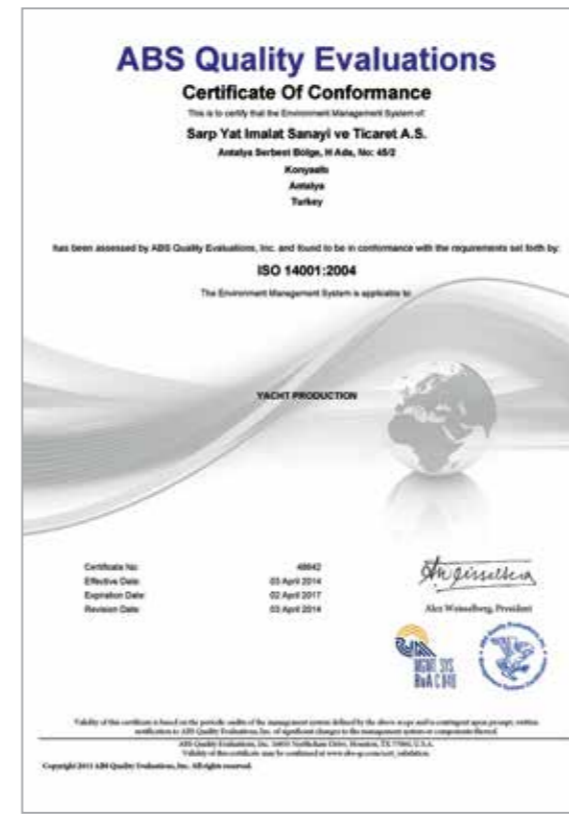
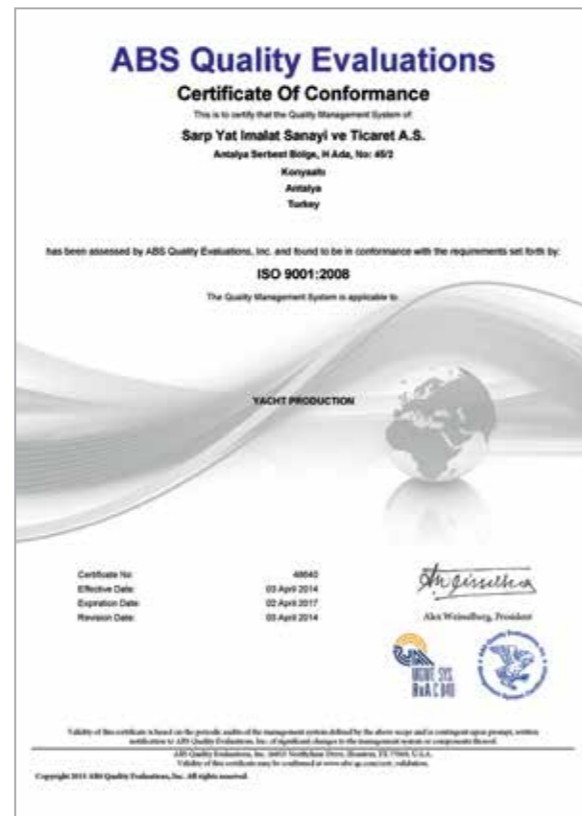
Sarp Yachts has been founded with a big dream. As like all big projects... Our dream was to build a successful shipyard which would integrate quality into the world yacht sector. Our current management experience underlined the infrastructure (system) as the most important subject in order to achieve this.

Thus we had begun our journey to our dreams by establishing our systems. Finally in 2013 we have managed to combine our three quality certifications (ISO 9001, ISO 14001, ISO 18001 OHSAS) as integrated under our shipyard's roof from American Bureau Shipping (ABS). We, in accordance with our quality policy, have adopted customer focused, reliable service approach instead of leaving the quality and work safety just as procedures (instructions) standing on the wall and surrounded with classy frames.

This culture saving of us have been reflected onto business results and obtained positive feedbacks. We have made Sarp Yachts brand name to be called with quality and trust concepts in the yacht sector. We are constantly improving our current processes in the frame of "constant improvement" and leading them to the future. We are always sensitive with the environment with all kinds of business we perform.

In order to carry our dream one step further, please come and let us design and produce the dream yacht of yours together.

**S. Ünal Şakar**  
General Manager







# SARPYACHTS

**S**arp Yachts belongs to Eti Group Companies, one of the most recognized brands in the food industry of Turkey and to Sarp Havacılık Lojistik Turizm Sanayi Ticaret A. S. which is one of the largest firms of Turkey in the field of logistics and to Kanatlı Family.

We have founded one of the largest (10,000 m<sup>2</sup>) and most modern facilities in the Free Zone of Antalya in South Turkey, designed for the new-construction and refit of luxury motor and sailing yachts up to 70 m in length.

SARP YACHTS is the only shipyard which has Integrated Quality Management System (ISO 9001 & ISO 14001 & ISO 18001 OHSAS) from American Bureau Shipping (ABS) in the Free Zone of Antalya.

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**THE SPIRIT OF SARP:** WE OFFER YOU STYLE, HIGH-TECH QUALITY AND VALUE AT A FAIR PRICE. OUR YACHTS ARE BUILT WITH METICULOUS ATTENTION TO DETAIL AND RESPECT FOR THE GREAT TRADITIONS OF YACHT BUILDING. A YACHT FOR YACHTSMEN.

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**OUR MISSION:** IS TO BUILD WORLD CLASS, CUSTOMER-ORIENTED YACHTS (THAT MEET CUSTOMER DEMANDS AND EXPECTATIONS) BY CONTINUOUSLY IMPROVING OUR INFRASTRUCTURE, TECHNICAL ASPECTS AND EMPLOYEES.

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**OUR VISION:** IS TO BE A SHIPYARD HAVING THE COMPETITIVENESS IN THE SECTOR AS WELL AS BEING A LEADING AND TRUSTED YACHT BRAND IN THE WORLD.

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ISO 9001:2008



ISO 14001:2004



OHSAS 18001:2007



## DESIGN

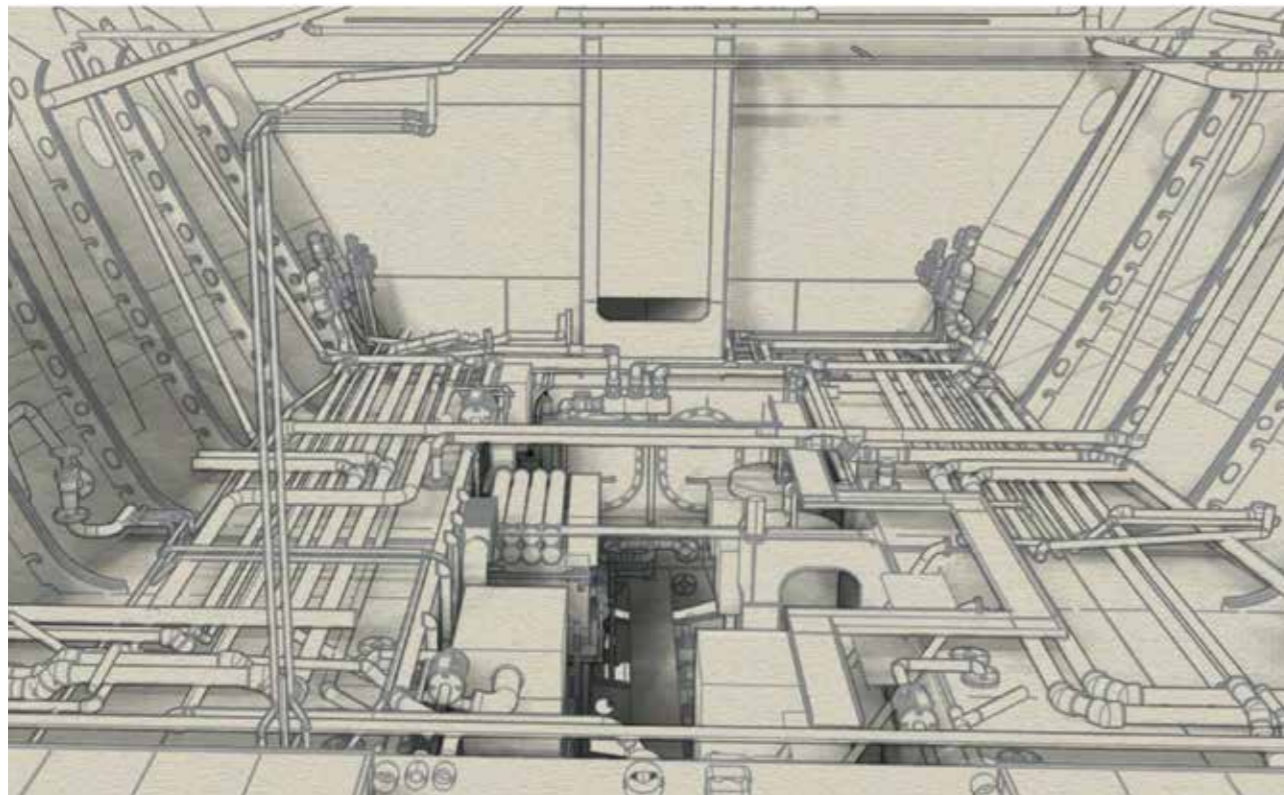
Complementing our in-house design team, SARP YACHTS works with the world's most renowned designers. More than ever before, the complexity of design, exotic materials and superior standards, stretch the boundaries of what can be built.

SARP YACHTS is one of the very few yacht-builders able to cope and even excel with such a challenge. We actively seek innovative and unusual projects and recent launches prove our ability to fuse luxury interior craftsmanship with complex exterior engineering.

SARP YACHTS is designed to have a timeless appeal. Creating an iconic yacht of which an owner can be proud of, is very much part of the design brief we launch.

## ENGINEERING & TECHNOLOGY

SARP YACHTS have state-of-the-art engineering. Every detail is thought through and tested so that the framework behind the luxury is absolutely reliable. On this framework we integrate the most exquisite finery, the most spectacular effects and the most innovative systems. We can include them all because of our thorough understanding and exhaustive testing of engineering principles. Using industry-leading design programs our engineers and naval architects create 3D designs, updated in real time.



Every part of the technical team can log into the same data, achieving a reduction in total building time and improvement of quality for the final output. Working in close collaboration with one of the world's foremost naval architects, our in-house experts have total control of the build process from concept to launch. SARP YACHTS offers a broad range of tested platforms on which various projects can be based.

We extensively test scale models at CENTRIM TECHNIKI OKRETOWE S.A in POLAND.



A series of tank and propeller tests with programmes designed to analyse the performance, wave keeping and handling qualities on our yachts.

In co-operation with the relevant Classification Society, tests are conducted in a deep-water basin as well as depressurised towing tank.

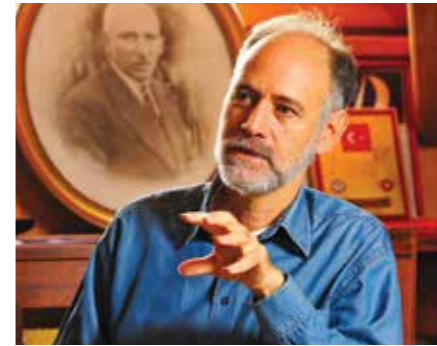




## 28m TRAWLER MOTOR YACHT

We are very confident in using this state of the art construction method because Sarp Yachts team excels in laminating, vacuum bagging and post-curing all types of composites.

As a prolific yacht design office, we are among the pioneers of trawler yachts in Turkey and even in Europe. These sturdy looking little ships originated from the west coast of US. However American concepts lacked many features which would be essential in the Mediterranean. We are lucky to work with very experienced owners to create and build together some customized vessels. When we were asked to develop a design for Sarp Yachts, we tried to apply all this knowledge collected over the years.



## DESIGNER COMMENTS ON 28m MOTOR YACHT

Our hull has a long waterline and fine entry for better consumption and less pitching in a seaway. Weight distribution is controlled by design characteristics and using epoxy sandwich composite for the structure. We are very confident in using this state of the art construction method because Sarp Yachts team excels in laminating, vacuum bagging and post-curing all types of composites. Layout is arranged with owner and guests midships and forward in the hull. Two crew cabins are placed aft to accommodate maximum four. Engine room is forward of crew in the hull with good volume and good accessibility, another Sarp Yachts specialty.

TANJU KALAYCIOĞLU – AUGUST 2014









Thanks to trawler concept, wheelhouse is well forward giving excellent visibility and more usable main deck length to living spaces. Aft deck is designed around a big gullet style seating which is very comfortable for sleeping, too. Here guests are protected from the burning rays of the Mediterranean or Caribbean sun, but they are well connected to the azure sea through the adjacent wide swim platform. Sunsets are best enjoyed on the flying bridge with wet bar and bar-b-q facilities. Due to the permanent canvas covered bimini top protecting guests from the morning dew, this deck is lovely for sleeping.

We tried to give a trendy, rugged look by using angled flat surfaces. However the essence of the styling is hidden in our trademark moderate proportions.







Salon



Owner's Cabin

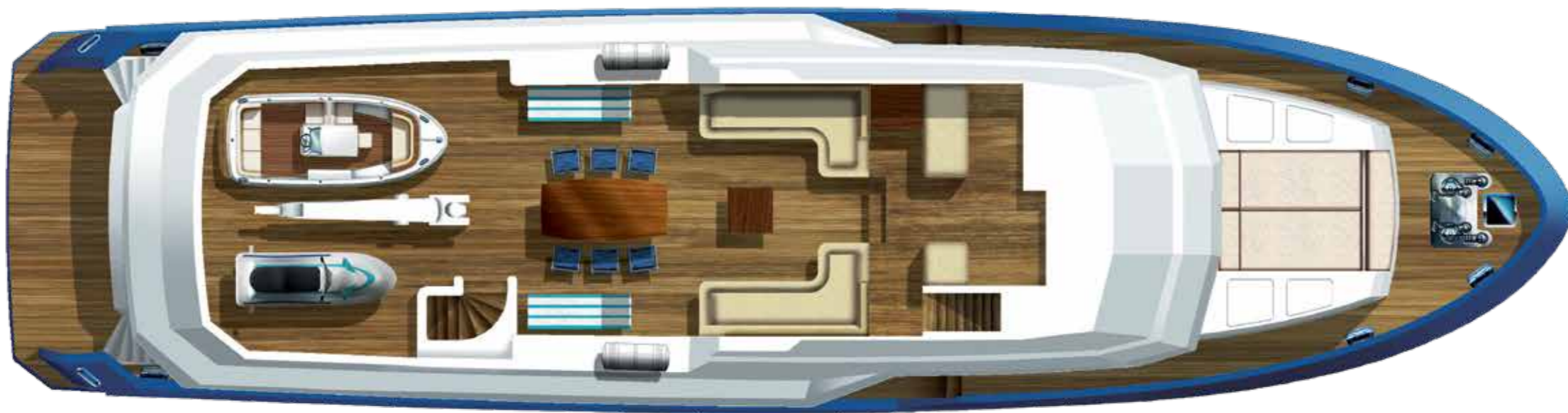


Salon



Owner's Bathroom





Upper Deck





Main Deck



Lower Deck



# TECHNICAL SPECIFICATION

## 28m Trawler Motor Yacht

### GENERAL

YARD NO.	NB104
TYPE	Trawler Yacht
BUILDER	Sarp Yachts
NAVAL ARCHITECT	Taka Yachts, Osman Tanju Kalaycıoğlu
EXTERIOR STYLIST	Osman Tanju Kalaycıoğlu
INTERIOR DESIGNER	Sarp Yachts
ENGINEERING	Sarp Yachts
CONSTRUCTION	Steel Hull (Grade A = St 42), Epoxy Composite Superstructure
CLASSIFICATION	RINA C - HULL- MACH, Y – Unrestricted Navigation Malta Flag State

### PRINCIPAL DIMENSIONS

HULL	Length O.A.	28.00	m
	Length WL	26.50	m
	Beam	6,80	m
	Design draft (full loaded)	2,00	m
TONNAGE	Gross	140	gt
	Displacement (70% full)	145	t
SPEEDS	Maximum speed about 12,5 knots		
	Cruising speed about 10 knots		
RANGE	2000 n. Miles approx. at cruising speed		
	1300 n. Miles approx. at 12 knots		

### TANK CAPACITIES (approximate)

FUEL	15,000	litres
WATER	4,000	litres
LUB OIL	1,000	litres
DIRTY LUB OIL	1,000	litres
GRAY WATER	1,500	litres
BLACK WATER	3,000	litres

### PAINT SYSTEM

INTERIOR TANKS	International, Jotun, Hempel or equivalent
HULL TOP SIDES AND SUPERSTRUCTURE	International, Jotun, Hempel or equivalent
UNDERWATER SURFACES AND BOOTTOP	International, Jotun, Hempel or equivalent

### MACHINERY

MAIN ENGINES	2 x 454 hp @ 1800 rpm, Caterpillar C12 or equivalent
GEAR BOXES	2 x ZF W325 (3,958:1) reverse reduction gear boxes

### AUXILIARY MACHINERY & ELECTRICAL SYSTEM

GENERATORS	2 x 27 kW, 3-phases, Cummins Onan or equivalent
ELECTRICITY	380 Volts AC 3 phase 50 Hz, 220 Volts AC single phase 50 Hz, 24 Volt DC
SHORE POWER	380 Volt / 220 Volt 3 phase 50 HZ

### ANCILLARY EQUIPMENT

BOW THRUSTER	1 x 20 kW electric or hydraulic Wesmar, Naiad, Trac or equivalent
STABILIZERS (HYD)	Zero speed active fins Wesmar, Trac or Naiad reinforced foundations in watertight compartments
WATERMAKERS	1 x Reverse osmosis (about 8,640 lpd), Tecnicomar, Idromar or equivalent
FRESH WATER SYSTEM	2 x Wilo, Gianneschi, Azcue Bombas or equivalent hydrophore system
SEWAGE TREATMENT	Hamman or Tecnicomar or Equivalent sewage treatment system
WC's	Evac or Jets or Equivalent toilet system
AIRCONDITIONING	100,000 BTU Webasto, Cruisair Air, Condaria or equivalent air conditioning system

### DECK EQUIPMENT

BOAT CRANES	Hydraulic telescopic 4,5 m x 1 t crane on flybridge, Opacmare, Ezberci or equivalent
PASARELLE	Electro-hydraulic pasarelle, Opacmare, Ezberci or equivalent

### NAVIGATION EQUIPMENT

BRIDGE DISPLAYS	3 x SIMRAD MO19P - 19" wide screen, high bright display for wheelhouse
RADAR	1 x Simrad, Furuno or equivalent 6 kW, 4 ft open array HD radar and processor kit
BROADBAND RADAR	1 x Simrad, Furuno or equivalent 4G Broadband Radar
GPS	1 x Simrad, Furuno or equivalent GPS antenna
BROADBAND SOUNDER	1 x Simrad BSM-1, Furuno or equivalent Broadband sounder with thru-Hull, Depth/Temp transducer
AIS SYSTEM	1 X Simrad NAIS-400, Furuno or equivalent Class B AIS system
AUTOMATIC PILOT	1 x Simrad or Furuno or equivalent and control unit
WIND INSTRUMENTS	1 x Simrad IS40, Furuno or equivalent wind instruments and control unit



## COMMUNICATION EQUIPMENT

VHF SYSTEM	2 x Simrad RS35, Furuno or equivalent VHF with antenna
EPIRB, SART	1 x Simrad SA70 SART; 1 x Simrad EG70 Auto/GPS EPIRB
GMDSS SYSTEM	1 x Sailor 6110 Mini – C GMDSS System
NAVTEX	1 x Sailor NAVTEX receiver and antenna
WI-FI SYSTEM	WIFI + 3G combined router and wi-fi distribution
TELEPHONE EXCHANGE	Panasonic telephone Exchange

## SAFETY & SECURITY EQUIPMENT

SAFETY	2 x 10 man inflatable liferafts in glassfibre valises Extensive personal life saving equipment according to Classification and Flag state
FIRE FIGHTING	FM200 fire extinguishing system for engine room Fire fighting equipment according to Classification and Flag State
ALARMS	Customised engine alarm monitoring system Fire dedection and alarm system Internal door alarm system
SECURITY	Panasonic CCTV system with camera in engine room, each deck showing entrances, aft deck, wheelhouse, and crew areas. Camera will be fixed lens, CCTV monitor screens located in bridge and sundeck control

## TENDERS & WATERSPORTS EQUIPMENT

TENDERS	1 x RIB (max 4 x 2 m) m with diesel inboard (foredeck garage)
DIVING EQUIPMENT	

## ACCOMMODATION

LOWER DECK INTERIOR	Guest suits, owner's suit, VIP suit, crew cabins
MAIN DECK INTERIOR	Salon, galley, dayhead, lobby, wheelhouse
OWNER'S	1 x double cabin located on the lower deck with shower room, study desk
LOWER DECK GUESTS	1 x twin, 1 x double cabins with shower
CREW	2 x double bunks located with shower
LOOSE DECK FURNITURE	Loose furniture according to designer's selection
FIXED DECK FURNITURE	Fixed seating and tables for all decks Fixed sun bathing area on main deck and sun deck

## OPTIONS

CLASSIFICATION	RINA C - HULL - MACH, Y ch - Unrestricted Navigation or, RINA C - HULL - MACH, Y ch - Short Range
FIRE FIGHTING NOVEC	fire extinguishing system for engine room
PAINT SYSTEM	AWLGRIP paint system







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