



OUTER REEF  
ADVENTURE

# 27 YXT SERIES YACHT



## STANDARD SPECIFICATIONS

LOA: 89' 11" (27.40 m) | LWL: 86' 2" (26.25 m)

Beam Overall: 23' 4" (7.10 m)

Draft: 5' 11" (1.80 m)

Displacement: 120 Tons

Gross Tonnage: 140 GT

Fuel Capacity: 4042 US Gallons (15300 Liters)

Water Capacity: 687 US Gallons (2600 Liters)

Range: 3,000 nm at Eco Speed



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## MAIN CHARACTERISTICS

Name	27 YXT
Type	YACHT-X-TENDER
Builder	Outer Reef Yachts
Length Overall	27.40 m
Length Loadline	23.45 m
Length Waterline	26.25 m at Design Draft
Beam Moulded	7.10 m
Depth at side	3.55 m
Draft (Est. - Full Load)	1.80 m
Displacement (Est. - Full Load)	120 tons
Gross Tonnage (Est)	140 GT
Hull Material	Steel
S / Structure Material	Aluminum
Classification	RINA – Pleasure Yacht Class C ✘ HULL ● MACH – Unrestricted Navigation
Naval Architecture Design	Diana Yacht Design
Exterior Design	Bernd Weel Design
Interior Design	Franck Darnet Design
Main Engines	2 x Caterpillar C12.9 – 2 x 850 hp at 2300 rpm
Speed (Est - Max Under Power)	14.0 kn
Speed (Est - Cruising Under Power)	12.5 kn
Speed (Est - Economical)	8.0 kn
Fuel Consumption (Est)	330 ltrs/h (Max) – 185 ltrs/h (Cruising) – 45 ltrs/h (Eco)
Range (Est - Under Power)	600 nm (Max) – 1000 nm (Cruising) – 3000 nm (Eco)
Electricity on board	2 x 27 kW Final Power to be determined w/ electric load balance
Crane Capacity	3.6 tons at 6.0 m reach
Crew Accommodation	2 x double cabins with head - shower 1 Crew Pantry – Mess
Wheelhouse	Seating accommodation in Wheelhouse
Storage - Technical	Lazarette – Surf & Toys storage w/ Day Head Laundry – Linen store – General / Provision Stores
Free Deck Area	75 m <sup>2</sup>
Max no of Persons	15



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## CONSTRUCTION

Hull	Steel – Welded
Superstructure	Aluminum – Welded
Decks	Steel – Welded
Thermal Insulation	- Rockwool 75mm at Engine Room bulkheads and ceiling - Foam insulation at bulkheads in Accommodation - Foam insulation at bulkheads and ceiling Wheelhouse
Watertight Bulkheads	3 – Steel – Welded 4 Watertight Compartments: - Aft – FR14 – Lazarette /Toys/Surf Storage - FR14 – FR23 – Engine Room - FR23 – FR42 –Accommodation Compartment - FR42 – Fwd – Forepeak (Collision)
Cathode Protection	Zinc Sacrificial Anodes Propulsion Shaft Earthing System
Teak Deck – Standard lay-out	
Swim Platform and Gangway Main Deck	Teak Marine Decking Thickness 12mm solid teak on substrate layer Black caulking Sikaflex 290 DC – Thickness 8mm
Mooring Deck and Stairs Upper Deck	Anti-Slip Paint
Paint – Standard semi-commercial system	
Paint Exterior	- Boero Defender Epoxy Primer 150 mm DFT - Boero Fairing Epoyacht 2 mm (in selected areas only – average 10% of the area) - Boero Epoply Primer 2 x 125 mm DFT - Boero Challenger Pro Topcoat 60 mm DFT
Paint Interior Engine Room and Stores	- Boero Defender Epoxy Primer 2 x 150 mm DFT - Topcoat Two-Component Polyurethane Enamel 2 x 50 mm
Paint Underwater	- Boero Defender Epoxy Primer 120 mm DFT - Boero Defender Epoxy Primer 2 x 200 mm DFT - Antifouling 2 x 70 mm DFT
Paint Decks	- Boero Defender Epoxy Primer 150 mm DFT - Boero Fairing Epoyacht 2 mm - Boero Defender Epoxy Primer 100 mm DFT - Anti-Slip Paint 2 x 60 mm (where no teak deck)



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**CAPACITIES (approximate)**

Fuel Storage	2 Structural Tanks – Total 12.300 ltrs - 2x float level transmitter type TBD
Fuel Settling / Service	2 Structural Tanks – Total 3.000 ltrs - 2x float level transmitter type TBD
Total Fuel Tanks	4 Structural Tanks – Total 15.300 ltrs
Fresh Water	2 Independent Tanks – Total 2.600 ltrs - Construction in High Density Polyethylene - 2x float level transmitter type TBD
Black and Grey Water	1 Independent Tank – 1.200 ltrs - Construction in High Density Polyethylene - 1x float level transmitter type TBD
	All the independent tanks will have draining provisions and suitable access openings for cleaning The Black/Grey Water independent tank will be fitted with removable water connection for cleaning



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## DOORS and HATCHES

2x External Weathertight Wheelhouse Doors	<ul style="list-style-type: none"><li>- Hinged Aluminum Doors – Manual Handling</li><li>- Stainless Steel Frames, Hinges, Rails, Handles</li><li>- Exterior Paint System as Wheelhouse Side Bulkheads</li><li>- Interior Finish as Wheelhouse Walls</li></ul>
1x External Stern Platform Door	<ul style="list-style-type: none"><li>- Watertightness degree according to Rules</li><li>- Hinged Vertical Opening in Steel Construction</li><li>- Watertight Sill according to Rules</li><li>- Hydraulic Handling</li><li>- Exterior Paint System as Stern Transom</li><li>- Interior Finish matching Lazarette Interior Wall Finish</li><li>- Local Control Panel (outside)</li></ul>
2x Internal Watertight Doors	<ul style="list-style-type: none"><li>- Hinged Straight Steel Doors – Manual Handling</li><li>- WINEL type Musketeer HEAVY Q-line</li><li>- Yacht Finish</li><li>- Steel Frames Hinges, Handles</li><li>- Paint System as Interior</li></ul>
Hatches	<p>All hatches to be in-house custom built</p> <p>Hinged Square Aluminum Hatches</p> <p>Stainless Steel Frames, Hinges, Handles</p> <p>1 Forepeak Hatch</p> <ul style="list-style-type: none"><li>- Installed on Raised Platform above the Weather Deck</li><li>- Manual Handling from outside only</li></ul> <p>3 Escape/Access Hatches Engine Room and Stores</p> <ul style="list-style-type: none"><li>- Manual Handling from both sides</li><li>- Security Locking System</li></ul> <p>2 Access Hatches Swim Platform and Petrol Compartment</p> <ul style="list-style-type: none"><li>- Manual Handling from outside only</li></ul> <p>2 Access Hatches Top of Wheelhouse</p> <ul style="list-style-type: none"><li>- Manual Handling from inside only</li><li>- Finished with Tempered Glass and Blind</li></ul> <p>All hatches will have adequate drained coamings to avoid any ingress of water in lower compartments</p>
Removable Plates	<p>1 Engines Removable Plates</p> <ul style="list-style-type: none"><li>- Steel Construction</li><li>- Concealed Bolting System + EPDM Gasket and Sealing</li></ul>



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## WINDOWS and PORTLIGHTS

Main Engines	2 x CATERPILLAR C12.9 - 850 mhp at 2300 rpm – E rating - 6 vee cylinders – 12.9 ltrs displacement - Emission Compliance EPA Tier 3, IMO II, EU IW
Engine Control	ZF Integrated Control Head Throttle Start/Stop Local and in Wheelhouse
Engine Displays	- Wheelhouse: 2 x Auto-Maskin Marine Pro DCU-210E - Engine Room: 2 x CAT Marine Color Power Display MEPC1
Engine Mount	Semi-Flexible Mounts
Gear Boxes	2 x ZF 360 A – Reduction ratio 2.48:1
Shafting	2 x 80mm stainless steel Aquamet 17 or duplex 4462
Shaft Seals	2 x Mechanical Deep Sea Seals PSS or equivalent
Propellers	2 x 4 or 5 blades – depending on supplier's calculations - Maker ITALIAN PROPELLERS - Material OTS - Diameter 1050 mm (appr.) - Pitch/Diameter 0.75 (appr.)
Bow Thruster	Sidepower hydraulic thruster – Main engine driven - Type SH 550/386 TC - Rated thrust 550 kg - Hydraulic power up to 53.5 hp - Control Panel in Wheelhouse
Steering System	2 steel spade rudders Steering electric-hydraulic gear Marsili type CG-35V - 400 Vac – 50 Hz - Steering Wheel at Helm Station - Emergency steering system through manual pump



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## PROPULSION and STEERING MACHINERY and EQUIPMENT

Main Engines	2 x CATERPILLAR C12.9 - 850 mhp at 2300 rpm – E rating - 6 vee cylinders – 12.9 ltrs displacement - Emission Compliance EPA Tier 3, IMO II, EU IW
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Engine Mount	Semi-Flexible Mounts
Gear Boxes	2 x ZF 360 A – Reduction ratio 2.48:1
Shafting	2 x 80mm stainless steel Aquamet 17 or duplex 4462
Shaft Seals	2 x Mechanical Deep Sea Seals - AxiSeal 80mm 610-080 or equivalent
Propellers	2 x 4 or 5 blades – depending on supplier's calculations - Maker BLOKLAND or equivalent - Material NIBRAL - Diameter 1000 mm (appr.) - Pitch/Diameter 0.735 (appr.)
Bow Thruster	Sidepower hydraulic thruster – Main engine driven - Type SH 550/386 TC - Rated thrust 550 kg - Hydraulic power up to 53.5 hp - Control Panel in Wheelhouse
Steering System	2 steel spade rudders Steering electric-hydraulic gear Marsili type CG-35V - 400 Vac – 50 Hz - Steering Wheel at Helm Station - Emergency steering system through manual pump



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ANCILLARY MACHINERY

Standard Air Conditioning & Ventilation	<ul style="list-style-type: none"><li>- Water chiller – Frigomar or Dometic</li><li>- 100.000 btu/h</li><li>- 8 fancoil units:<ul style="list-style-type: none"><li>- 2x Wheelhouse</li><li>- 2x Crew cabins</li><li>- 1x Crew Mess</li><li>- 1x Laundry/Store</li><li>- 2x Dry Storage Rooms</li></ul></li><li>- Air extractors in service spaces</li></ul>
Engine Room Ventilation	<ul style="list-style-type: none"><li>- 2 Ventilation fans Gianneschi type ELL or equivalent</li><li>- 2 Extraction fan Gianneschi type ELL or equivalent</li><li>- 2 Mist Eliminators Weathertight Closable</li><li>- Local Emergency Release on Main Deck</li></ul>
Technical Room Ventilation	Technical rooms and void spaces will be fitted with adequate ventilation, through dedicated axial mechanical fans and/or vent pipes, to prevent any condensation in compartments
Service Air Compressor	<ul style="list-style-type: none"><li>- Maker Gianneschi</li><li>- Type CT2 – 330 l/min at 8 bar</li><li>- 2 x 50 ltrs vessels</li></ul>



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### ANCILLARY MACHINERY (cont)

Bilge and Fire Pumps	<ul style="list-style-type: none"><li>- Main Bilge Pump Gianneschi type ACB 431 400Vac</li><li>- Secondary Bilge (Fire) Gianneschi type ACB 431 400Vac</li><li>- Emergency Fire Pump Gianneschi MBMA-S 50/160B</li><li>- Submersible Bilge Pump in Forepeak 24Vdc</li><li>- Submersible Bilge Pump in Swim Platform 24Vdc</li><li>- Submersible Bilge Pump in Chain Lockers Air Driven</li></ul>
Fresh Water Maker	<p>Schenker Modular 150 ltrs/h – 3600 ltrs/day</p> <ul style="list-style-type: none"><li>- Active carbon filter</li><li>- UV sterilizer</li><li>- Sand Filter</li></ul>
Fresh Water Heater	Gianneschi VPO 100 ltrs – Stainless steel – 400Vac
Fresh Water Pumps	<ul style="list-style-type: none"><li>- Pressure Set Gianneschi 2x Ecojet 2 B C.E.</li><li>- 230Vac 50Hz/24Vdc</li><li>- Hot water circulator Gianneschi type UP20 – 230Vac 50Hz</li></ul>
Fuel Pumps	<ul style="list-style-type: none"><li>- Main Fuel Pump Gianneschi type ACB 331 400Vac</li><li>- Emergency Fuel Pump Gianneschi Manual EXCELSIOR 4</li></ul>
Fuel Filters	<ul style="list-style-type: none"><li>- Main Engines</li><li>- 2 x RACOR type 1000 MAXM30 / each engine</li><li>- Generators</li><li>- 1 x Cummins / each genset</li></ul> <p>Main engines fuel filters will be installed on manifold, with 3 position valve, and by-pass valves at both sides</p>
Sewage Pump	1x Gianneschi type MV 44G 24Vdc



## PIPING SYSTEMS

Cooling System	<ul style="list-style-type: none"><li>- 2x Sea Chests 5" with with double Butterfly Valves</li><li>- 2x Sea Water Filters 5" with Stainless Steel Mesh</li><li>- Centralized cooling manifold</li><li>- Galvanized steel piping</li><li>- Valves will have bronze body and stainless steel fittings</li></ul>
Bilge System	<ul style="list-style-type: none"><li>- Centralized bilge manifold</li><li>- Back-Up from the Fire Pump</li><li>- Suction operated through drain pipes and manual valves</li><li>- Galvanized steel piping with bronze valves in Engine Room</li><li>- PVC piping outside Engine Room</li><li>- Remote bilge pump start/stop in wheelhouse</li><li>- Emergency suction in ER through engine cooling pump</li></ul>
Fire & Deck Washing System	<ul style="list-style-type: none"><li>- Centralized fire manifold</li><li>- Back-Up from the Bilge Pump</li><li>- Galvanized steel piping with bronze valves</li><li>- 2x Fire Hydrants on Main Deck</li><li>- 1x Fire Hydrant in Engine Room</li><li>- Remote fire pump start/stop in wheelhouse</li><li>- Anchor wash system from fire manifold</li></ul>
Fresh Water System	<ul style="list-style-type: none"><li>- Shore water connection with pressure gauge</li><li>- PVC insulated piping</li></ul>
Fuel System	<ul style="list-style-type: none"><li>- Stainless steel transfer and supply/return piping</li><li>- Steel vents and fill piping</li><li>- Fuel pumps will have by-pass valves at both sides</li></ul>
Sewage System	<ul style="list-style-type: none"><li>- 3 x Marine electric toilets 24Vdc Tecma</li><li>- Toilets discharge to black and grey water tank</li><li>- Grey water users discharge to black and grey water tank</li><li>- Sewage tank washing by means of Fire-Fighting system</li><li>- PVC rigid piping</li><li>- Piping fitted with anti-odor filters, siphons, NR valves</li></ul> <p>The black and grey water tank shall be fitted with discharge piping to overboard and to deck flange, discharge pumps, and three-way valve to discharge overboard where permitted.</p>



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## ELECTRIC SYSTEM

Generators (Main)	2 x Onan-Cummins type 27 – 400 Vac - 3 ph - 50 Hz 400 Vac - 3 ph - 50 Hz 24 V insulated supply
Generators (Engines Driven)	2 x 24 V main engines alternators
Emergency Batteries	Batteries 24 V – 140 Ah
Main & Distribution Panels	- Main switchboard 400 Vac – 230 Vac – 24 Vdc - Shore Connection + Insulation Transformer - Wheelhouse distribution panel 230 Vac – 24 Vdc
Control & Monitoring Panels In Wheelhouse	- 2x Engines Panels - 2x Cummins Generators Remote Controls - Wipers Panel - Navigation Lights control - Pumps & Fans Start/Stop control - External Lights Switch & Monitoring - Horn & Searchlight Control Panels - Steering System Panel - Tank Sounding through AMS screen
Batteries	- Engines starting 24 V – 8 x Mastervolt AGM 130 Ah - Service + Lighting 24 V – 12 x Mastervolt MVSV 750 Ah - Emergency 24 V – 2 x Mastervolt MVG 140 Ah
Shore Connection	Shore connection in weathertight enclosure at swim platform 1x Shore Cable included 400Vac – 63 A
Electric Sockets and Switches	BTicino or equivalent Final position of electric sockets and light switches shall be approved by the Owner prior of installation
Cabling	All cabling will be suitable for marine environment and type approved according to relevant Rules Cabling will be routed in ceilings as much as practicable, at accessible positions, no cabling will be routed in wet areas



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**DECK MACHINERY and OUTFITTING**

Anchors	2 x 135 kg Pool-N – Galvanized steel
Anchor Chains	14 mm U2 stud link chain – 2 x 137.5 m
Anchor Windlasses	2 x MUIR hydraulic windlass type VRC 4500 - Max pull 2.145 kg (4.500 lbs) - Stainless Steel Yacht Finish
Capstans	2 x MUIR hydraulic capstan type VC 2500 - Max pull 1.136 kg (2.500 lbs) - Stainless Steel Yacht Finish
Mooring Equipment	Forward Upper Deck - 4x Stainless Steel Bollards 500mm - 2x Stainless Steel Fairleads Aft Main Deck - 4x Stainless Steel Bollards 400mm Center main Deck - 4x Stainless Steel Bollards 400mm Swim Platform - 2x Stainless Steel Bollards 400mm
Deck lashing points	Approximately 40 of deck lashing points for tenders shall be installed, made of welded threaded sockets, in main deck and swim platform: - 32 x M16 thread in main deck - 8 x M16 thread in swim platform Position according to relevant plans. 20 of lashing rings, CODIPRO, type SS.DSR, shall be supplied: - 20 x M16 Any special lashing ring or parts is not included.
Crane	FEEBE hydraulic type DC 250 – SWL 3.600 kg – Max 6 m reach



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## DECK MACHINERY and OUTFITTING (cont)

Stern Swimming Platform	Fixed – 6.5m x 3.0m Retractile shower in storage
Fixed Fender	Fixed Rubber D-Fender Bumper on Sides and Stern
Railings	Stainless Steel according to General Arrangement Drawing Removable where necessary
Bulwark doors	One bulwark door/gate per each side PS/SB
Standard Yacht Name Board	Custom-made with suitable adhesive tape Font and size at the buyer's choice Including port of registry
Deck Lighting	SS Spotlights in Ceiling Superstructure BCM or equivalent 2 x Floodlights at aft superstructure BCM or equivalent



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## EMERGENCY EQUIPMENT

Alarm Systems	<ul style="list-style-type: none"><li>- Fire detection system – 4 zones</li><li>- Bilge high level alarms</li><li>- Fuel tank low/high level alarms</li><li>- General Alarm Panel with Alarm Button in Wheelhouse</li></ul>
CCTV	<ul style="list-style-type: none"><li>One fixed camera in Engine Room</li><li>One fixed camera on mast</li><li>Display on helm station multi-function screens</li></ul>
Fire Extinction Engine Room	<ul style="list-style-type: none"><li>AF-X aerosol or FM200 Fixed Extinguishing system</li><li>Manual / Automatic Release</li></ul>
Emergency Shutdowns	<ul style="list-style-type: none"><li>- Engines</li><li>- Generators</li><li>- Fuel supply</li><li>- Ventilation fans</li></ul>
Emergency Lighting	<ul style="list-style-type: none"><li>Emergency Lights Circuit on Emergency Batteries</li></ul>
Fire System	<ul style="list-style-type: none"><li>2x Bilge/Fire pumps Gianneschi type ACB 431 400Vac</li><li>Remote Start/Stop in Wheelhouse</li><li>Emergency Fire (Bilge) pump Gianneschi (engine driven)</li><li>2x Fire Hydrants on Main Deck</li><li>1x Fire Hydrant in Engine Room</li><li>Fiberglass Fire Blanket</li><li>Portable Extinguishers according to Rules</li></ul>
Life Rafts	<ul style="list-style-type: none"><li>Included – According to Rules</li></ul>
Life Jackets	<ul style="list-style-type: none"><li>Included – According to Rules</li></ul>
Life Buoys	<ul style="list-style-type: none"><li>Included – According to Rules</li></ul>
Pyrotechnics and Signals	<ul style="list-style-type: none"><li>Included – According to Rules</li></ul>



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## ENTERTAINMENT and A/V EQUIPMENT

Standard TV System	
	55" LCD TV in Crew Mess Samsung 4K UHD SmartTV or equivalent
	DBV-T antenna
	TV Distribution and Video Content Apple-TV 4K + HDMI extender NAS Server with 4x2TB of storage capacity QNAP NAS Users shall be able to watch: - DBV-T TV broadcast - Internet video streaming contents - Contents from user's appliances (phone or tablet or PC) - Distributed contents from NAS audio/video server
Standard Audio System	
	6 x interior loudspeakers (Sonance VP62R or equivalent): - 2x Wheelhouse - 1x each Crew Cabin - 2x Crew Mess
	Audio Distribution and Audio Content 3 x Zone Player 100W amplifier HEOS AMP HS2 Any user shall be able to listen to (independently): - Radio broadcast - Internet audio streaming contents - Contents from user's appliances (phone or tablet or PC) - Distributed contents from NAS audio/video server
Internet	4G Wi-Fi yacht router Pepwave MAX HD4 or equivalent 1GB 24 ports Network Switch Pakedge SX-24P16 Gigabit WAN-LAN Router Pakedge RK1 Wireless Controller & Network Manager Pakedge NK1-CP1 4 x access points Pakedge WK1-1 4 x Omni-directional Marine LTE Antenna Poynting OMNI-402 1 x Dual Band WiFi Marine Antenna Poynting OMNI-496



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## NAVIGATION SYSTEMS and EQUIPMENT

Displays Furuno NavNet System	<ul style="list-style-type: none"><li>- 2x Furuno FI70 instrument</li><li>- 1x Furuno TZT2 Black Box</li><li>- 4x Nottrot 15,6" display optical bonded touchscreen monitor</li><li>- 1x Furuno Remote Control MCU-004</li><li>- 1x Furuno GP33 instrument + GPS antenna (GPA-017)</li><li>- 1x Map Media Wide Chart WVJEW227MAP</li></ul>
Instruments Fish Finder	<ul style="list-style-type: none"><li>- 1x Furuno depth B260 DIP 50AE 200BH 1KW 10pinf XID</li><li>- 1x Airmar depth, speed and water temperature sensor</li><li>- 1x Bronze housing for DST800</li><li>- Airmar WX120 wind sensor</li></ul>
Autopilot	<ul style="list-style-type: none"><li>- 1x Furuno NAVpilot-711C (incl. FAP6112)</li><li>- 1x Furuno Satellite Compas SCX-20</li></ul>
Compass	Magnetic Compas C.Plath Venus H 5° white card Cylinder mount + correction capsule
Radar	Furuno DRS12A NXT X-Class radar
VHF/DSC – AIS	<ul style="list-style-type: none"><li>- 1x Furuno FA-70 AIS Class B+ transponder (incl. GPA-017s)</li><li>- 1x Furuno FM4850A VHF</li><li>- 2x Icom M25 handheld VHF (grey, white or blue)</li></ul>
Horn	Kahlemberg –24V Dual D-0A
Wipers	Speich – 3 x LPM 24V + M72P
Searchlight	Jabsco 255 SL RC or equivalent
EPIRB	Ocean Signal E100G EPIRB, with GPS (auto housing)
SART	Ocean Signal Safe-Sea S100 SART
Navigation Lights	LOPOLIGHT LED



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## PANTRY and LAUNDRY EQUIPMENT

Fridge in Pantry / Crew Mess	3x LG or SAMSUNG or AEG (subject to availability)
Cooking Hob	AEG or MIELE Induction Hob
Ovens	AEG or MIELE Oven + Microwave Oven
Dishwasher	TBD – included but depending on space availability
Extraction Hood	AEG or MIELE
Washing Machines	3x MIELE Professional PW 6065 LP or equivalent
Dryers	3x MIELE Professional PT 7137 WP or equivalent

## SUPER-YACHT PAINT SYSTEM ACCEPTANCE CRITERIA

Whether the buyer shall choose the relevant option, the following shall apply.

### 1 GENERAL

#### 1.1 The painted surfaces of the vessel shall be divided into two areas of Importance:

HVA: High Visibility Area

Transom and exterior bulwarks of the main deck, all inner surfaces of the main deck and all the deckhouse including furniture etc.

LVA: Low Visibility Area

The remaining part of the hull, the outside surface of the superstructure, mast and mooring deck.

#### 1.2 Measurements shall be carried out in accordance with the ISO/DIS 11347, Ships and Marine technology-Large Yachts-Coatings: measurement and assessment of the appearance.

### 2 APPEARANCE

#### 2.1 The overall paint appearance shall be proof of a professional paint application, without any significant deficiencies or defects such as runs, drips, sags, curtaining, sanding scratches, print marks, cleaning marks, pinholes, fisheyes, craters, cissing, holidays, inclusion of foreign matter, orange peel, dry spray. Smaller coating appearance defects such as described above, may be accepted in LVA depending on size, nature and location. A local area with small defects shall never be more than 2% of the overall surface of that area.

The top coat shall have a uniform appearance with little or no difference in texture and the top coat shall give a clear reflection of images.

#### 2.2 COATINGS SAGS AND RUNS

Major sags and runs are not acceptable.

Small sags and runs may be accepted by the owner depending on size and location.

### 3 FAIRNESS

The fairness of filler coats shall be of a high standard.

Final layer prior to primer application must be closed and free of pinholes or other cavities.

### 4 DRY FILM THICKNESS (DFT)

All applied coatings shall comply with the dry film thickness (DFT) as specified in the applicable paint specification.

### 5 DUST INCLUSIONS

HVA Surfaces

Max. 5 particles per sq.dm with a max size of 150 µm on a maximum of 2% of the local surface.

Isolated particles are acceptable provided that they do not affect the overall aesthetic appearance.

LVA Surfaces

Max. 8 particles per sq.dm with a max size of 250 µm on a maximum of 2% of the local surface.

Isolated particles are acceptable provided that they do not affect the overall aesthetic appearance.

### 6 COLOUR MATCHING

There shall be no visible difference between sections of the yacht painted with same shade of paint. An assessment using instruments may be required in the event of a dispute. The acceptable range of  $\Delta E$  CIELAB shall be +/- 0.5 for light colours and 0.9 for dark colours.

#### 7 GLOSS

All Gloss Unit value measurements are to be in accordance with the following limits:

Vertical surfaces: Minimum gloss level of 88 GU average.

No reading shall be below 85 units.

Horizontal surfaces: Minimum gloss level of 88 GU average.

No reading shall be below 83 units.

#### 8 ORANGE PEEL

Finish coat to be applied with little difference in texture between and shall give a clear reflection of image.

### INTERIORS

Position and size of rooms according to General Arrangement Drawing.

All material and finishes listed below are supplied subject to availability of such items at the time of construction. Should such materials, equipment or finishes become unavailable from suppliers, or discontinued, the Builder will inform the Buyer and propose alternatives. Such alternatives will be subject to Buyer's approval.

### MOOD-BOARDS

- ARCTIC mood-board is standard
- RIVIERA and DESIGN mood-boards are subject to cost increase

### INTERIORS SPECIAL PACKAGE (subject to cost increase)

- SEASMART concealed push-lockers at all cabinet doors and drawers
- OLIVARI door handles at buyer's choice
- PALAGI spotlights at buyer's choice
- Ambience LED lighting in salon, wheelhouse and all cabins



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## WHEELHOUSE

Floor	Subfloor in marine plywood installed on steel flooring Parquet Floor JAB CIALK OAK GREY or equivalent
Ceiling	Marine Plywood in removable panels Laminate Finish ABET 2904 BLANC GLACE POL or equivalent
Walls	Marine Plywood (removable panels where needed) Wood Finish ALPI BREEZE OAK 10.69 or equivalent Laminate Finish ABET 2904 BLANC GLACE POL or equivalent
Pilot Chair	NORSAP 1600
Helm Station	Carbon Finish SPRADLING "Silvertext" or equivalent
Furniture	Marine Plywood (doors/drawers where needed) Wood Finish ALPI BREEZE OAK 10.69 or equivalent Seats Fabric JAB ANSTOETZ or equivalent Push Lockers for Doors SOUTHCO "Point Latch" - Sofas with storage underneath where possible - Chart Table in front of co-pilot seat - Salon Area with Sofas and Table on SB side aft - Seating Area with corner Sofa on SB side fwd - Side storage for charts, office equipment and manuals
Appliances	- Electric Sockets and Switches BTicino - USB Charging Sockets - Weather Station
Lighting	- Ceiling Spotlights BCM 24Vdc - Red Lights for Navigation



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## STAIRS AND CORRIDOR

Floor	Subfloor in marine plywood installed on steel flooring Parquet Floor JAB CIALK OAK GREY or equivalent
Ceiling	Marine Plywood in removable panels Laminate Finish ABET 2904 BLANC GLACE POL or equivalent
Walls and Doors	Marine Plywood (removable panels where needed) Wood Finish ALPI BREEZE OAK 10.69 or equivalent Laminate Finish ABET 2904 BLANC GLACE POL or equivalent
Appliances	- Stainless steel edge trim at each step - Stainless steel handrail
Lighting	- Ceiling Spotlights BCM 24Vdc or equivalent



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## CREW CABINS

Floor	Subfloor in marine plywood installed on steel flooring Moquette STEPEVI FLAT VISCOSE ANGORA or equivalent
Ceiling	Marine Plywood in removable panels Laminate Finish ABET 2904 BLANC GLACE POL or equivalent
Walls and Doors	Marine Plywood (removable panels where needed) Wood Finish ALPI BREEZE OAK 10.69 or equivalent Laminate Finish ABET 2904 BLANC GLACE POL or equivalent Decorative inserts in Fabric ALCANTARA 4078 PEARL Door Handles TIMAGE or equivalent
Furniture	Marine Plywood (doors/drawers where needed) Wood Finish ALPI BREEZE OAK 10.69 or equivalent Push Lockers for Doors SOUTHCO "Point Latch" - 2x Bunk Berths in Crew Cabins - Wardrobe with drawers and hanging area - Storage space below lower bunk
Appliances	- Electric Sockets and Switches BTicino - USB Charging Sockets - Ocean Air Curtains or equivalent maker - Safe Vitrifrigo VSAFE 2042 in PS cabin only
Lighting	- Ceiling Spotlights BCM 24Vdc or equivalent - 2x Reading Lights / each cabin BCM or equivalent



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ADVENTURE

## CREW TOILETS PS and SB and DAY HEAD

Floor	Subfloor in marine plywood installed on steel flooring Parquet Floor JAB CIALK OAK GREY or equivalent
Ceiling	Marine Plywood in removable panels Laminate Finish ABET 2904 BLANC GLACE POL or equivalent
Walls and Door	Marine Plywood (removable panels where needed) Laminate Finish ABET 2904 BLANC GLACE POL or equivalent Door Handle TIMAGE or equivalent
Shower	Wall finish in Laminate ABET 2904 or equivalent Shower seats in Laminate ABET 2904 or equivalent Shower floors in GRP white Shower doors clear glass
Furniture	Marine Plywood (doors/drawers where needed) Laminate Finish ABET 2904 BLANC GLACE POL or equivalent Push Lockers for Doors SOUTHCO "Point Latch" - Cupboard with wash basin and tap, and storage underneath - Wall cupboard with shelves and mirror - Separate shower with matt white glass door
Appliances	- Marine Electric Toilet TECMA 24Vdc + Macerator - Wash Basin DURAVIT or equivalent maker - Taps and Shower System GROHE or GESSI - Electric Sockets and Switches BTicino - Toilet paper holder, hooks, towel rails GROHE or GESSI - Ocean Air Curtains or equivalent maker
Lighting	- Ceiling Spotlights BCM 24Vdc or equivalent



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ADVENTURE

## PANTRY / CREW MESS

Floor	Subfloor in marine plywood installed on steel flooring Parquet Floor JAB CIALK OAK GREY or equivalent
Ceiling	Marine Plywood in removable panels Laminate Finish ABET 2904 BLANC GLACE POL or equivalent
Walls and Doors	Marine Plywood (removable panels where needed) Wood Finish ALPI BREEZE OAK 10.69 or equivalent Laminate Finish ABET 2904 BLANC GLACE POL or equivalent Door Handles TIMAGE or equivalent
Furniture	Marine Plywood (doors/drawers where needed) Wood Finish ALPI BREEZE OAK 10.69 or equivalent Seats Fabric JAB ANSTOETZ or equivalent Push Lockers for Doors SOUTHCO "Point Latch" - Work Counter Top in CORIAN ANCTARTICA or equivalent - Work Counter Back in CORIAN ANCTARTICA or equivalent - Stainless Steel Sink and Tap - Storage space below counter top - Cupboards above counter top - Seating area with Table - Storage cupboard / TV holder besides stairs
Appliances	- Electric Sockets and Switches BTicino - Sink ALPES-INOX - Tap GROHE or GESSI - Ocean Air Curtains or equivalent maker - Pantry equipment - TV
Lighting	- Ceiling Spotlights BCM 24Vdc or equivalent - Lights over working counter top



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ADVENTURE

## ENGINE ROOM and TECHNICAL SPACES FINISH

Floor	Aluminum Floor Boards installed on steel support Removable Panels for bilge inspection White paint finish
Ceiling	Aluminum Perforated Sheets Ceiling Finish Removable Panels where needed White paint finish
Walls	Aluminum Perforated Sheets Wall Finish Removable Panels where needed White paint finish
Appliances	<ul style="list-style-type: none"><li>- Thermal Insulation according to Rules</li><li>- Fresh Water Hose</li><li>- Air Compressed Hose</li><li>- Electric Sockets and Switches BTicino Waterproof</li></ul>
Lighting	<ul style="list-style-type: none"><li>- Ceiling Spotlights 24Vdc IP56</li><li>- Normal Lighting appliances supplied by Service Batteries</li><li>- 2x Emergency appliances supplied by Emergency Batteries</li></ul>



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ADVENTURE

## LAUNDRY / PROVISION STORE – GENERAL STORES

Floor	Subfloor in marine plywood installed on steel flooring Vinyl Floor AMTICO WOOD or equivalent
Ceiling	Marine Plywood in removable panels Laminate Finish ABET 2904 BLANC GLACE POL or equivalent
Walls and door	Marine Plywood (removable panels where needed) Laminate Finish ABET 2904 BLANC GLACE POL or equivalent Door Handle TIMAGE or equivalent
Furniture	Marine Plywood (doors/drawers where needed) Laminate Finish ABET 2904 BLANC GLACE POL or equivalent Push Lockers for Doors SOUTHCO “Point Latch” Storage space under stairs in Laundry Storage cabinets according to GA in General Stores
Appliances	- Electric Sockets and Switches BTicino - Laundry equipment - Sink in PS General Store - Ocean Air Curtains or equivalent maker - Removable ladders for escape in General Stores
Lighting	- Ceiling Spotlights BCM 24Vdc or equivalent



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ADVENTURE

## LAZZARETTE / TOYS STORAGE

**Note:** Basic storage in walls for toys is included, “Gladiator” walls or equivalent. Standard storage racks for deck furniture, small PWCS, and other toys and equipment are included. Those include any GARAGEWORKS or similar standard fitting, or similar custom made. Special cradles or supports for Owner’s supplied equipment, which require parts to be purchased from equipment manufacturers, are Owner’s supply. Any additional cabinetry shall be subject to separate quotation.

Floor	Subfloor in marine plywood installed on steel flooring Synthetic Teak Floor Finish ECODECK NEVADA or equivalent Drain Scuppers where needed
Ceiling	Marine Plywood in removable panels Laminate Finish ABET 2904 BLANC GLACE POL or equivalent
Walls and Door	Marine Plywood (removable panels where needed) Laminate Finish ABET 2904 BLANC GLACE POL or equivalent Door Handle TIMAGE or equivalent
Furniture	Marine Plywood (doors/drawers where needed) Laminate Finish ABET 2904 BLANC GLACE POL or equivalent Push Lockers for Doors SOUTHCO “Point Latch” 4x Storage low cabinets
Appliances	- Ventilation / Air Conditioned - Spaces dedicated to deck furniture storage TBD - GARAGEWORKS “Gladiator” walls or equivalent - Surf boards racks - Jet surfs racks - Stand Up Paddles racks - Diving vessels and compressor racks - Rails for BCD, life jackets and wet suits storage - Fishing rod racks - Fresh Water Hose - Electric Sockets and Switches BTicino Waterproof
Lighting	- Ceiling Spotlights 24Vdc IP56