

MAIN SPECIFICATIONS

LOA:	163' 7" (49.8m)	Heads:	5
Beam:	29' 1" (8.9m)	Crew:	9
Max Draft:	7' 7" (2.35m)	Crew Quarters:	4 (8x Crew members)
Builder:	Rossinavi	Captain Cabin:	1 (double cabin)
Delivery Year:	July 2023	Cruising Speed:	15 Knots
GT:	498	Max Speed:	20.5 Knots
Type:	Fast-Displacement	Range:	5300nm
Hull material:	Aluminium	Full Electric mode:	Top speed 9 knots e-motor
Superstructure:	Aluminium	E-motor power:	105 ekW each approx.
Hull designer:	Arrabito Naval Architects	Fuel capacity:	61340 L (16204.31 Gal)
Interior designer:	Enrico Gobbi – Team for Design	Water capacity:	12000 L (3170.06 Gal)
Exterior designer:	Enrico Gobbi – Team for Design	Deck Material:	Teak
Classification:	Rina C Hull Mach. Yacht for 'unrestricted' navigation	Hull designer:	Arrabito Naval Architects
MCA:	Yes	Deck Material:	Teak
ISM:	MCA REG LY Code Part A	Engines:	2x MTU 16V2000M96L – output @ 2450 RPM: 2x1939 kW
Displacement:	Approx. 330 tons light ship	VAT status:	ex VAT
Staterooms:	5 (Master, 2x VIP, Double, Twin)	Flag:	Cyprus
Sleeps:	10		

SPEED & RANGE UNDER POWER

Maximum speed:	20.5 knots
Cruising speed:	15 knots (half load)
Economical speed:	10-12 knots
Fuel consumption @10 knots:	90 litres total @ 10 kn with main engines
Range @10 knots:	5,300nm at 10.00 knots with 10% reserve
Fuel consumption @15 knots:	290 litres total @ 15 kn with main engines
Range @15 knots:	2,870nm @ 15kn with main engines
Generators consumption:	25 liters Hour each

MECHANICAL EQUIPMENT

Engines:	2x MTU 16V2000M96L-output @ 2450 RPM: 2x1939 kW
Engine hours:	Port: 133 hours as of 08 September 2023 Starboard: 131 hours as of 08 September 2023
Generators:	2x C7.1 rated 261 bkW (355 bHp) @ 2500 rpm
Generators hours:	Port: 786 hours as of 08 September 2023 Starboard: 778 hours as of 08 September 2023
Stabilisers:	CMC with Zero speed & harbour mode
Air conditioning:	Condaria Dometic
Gearbox:	ZF

MECHANICAL EQUIPMENT

Propulsion:	Shaft propulsion
Propellers:	2 x 6-blade
Rudder Angle:	35°
Bow Thruster:	CMC 110 kW
Electricity:	3-Phase 400V AC+N 50HZ
Shore Power:	Connection 150/250A
Batteries:	396Kw 8 Hours in the anchor
Type:	Maintenance free
Main engine start:	Electrical starter
Generator star:	Electrical starter
Chargers:	Mastervolt
Converters:	Eekels – 1x 150 KVA (120 ekW)
Hydraulics:	Rossinavi
Water maker:	Idromar MC5 DUPLEX
Water system:	Hydrofor PUMS
Toilet system:	Jets
Sewage system:	Hamman HL – CONT PLUS 025
Fuel purifier:	Alfa Laval MIB 303

NAVIGATION EQUIPMENT

Magnetic Compass:	Sperry Marine
Gyro Compass:	Sperry Marine MX 100
Satellite Compass:	Sailor
Automatic pilot:	Navis 3000AP
Echo sounder:	2 x Furuno
Radar:	Furuno x Band, Simrad S and HD Radar
Transponder:	Sailor
AIS:	Furuno
DGPS:	Sailor
GPS:	Sailor
Chart plotter:	2 x ECDIS Transas 4000 Paperless
Navtex:	Furuno
Weather fax:	Furuno
Log:	Furuno
Wind instruments:	Aimar 2000
Searchlights:	2 x Searchlights – Sanashi
Camera(s):	2 x FLIR Cameras 8 x All-around security cameras
Lights:	Underwater lights

COMMUNICATION EQUIPMENT

SATCOM:	Cobham
VHF:	Sailor
SSB:	Sailor
Telephone exchange:	Panasonic Hybrid
Intercom:	Vingtor
Internet:	Cobham VSAT, Pepwave 4G – 2 pieces

DECK EQUIPMENT

Anchor windlasses:	MZ
Aft warping capstans:	MZ
Anchors:	2 x HHP 237 kgs
Anchor chains:	1 x 4 and 1 x 7 shackles
Boat crane & davits:	Rossinavi and Opac Mare
Passarelle:	Opac Mare
Side boarding ladder:	Opac Mare
Jacuzzi:	4.00m custom jacuzzi
Swimming platform:	Rossinavi
Awnings:	2 x Awnings
Covers:	Covers for all decks

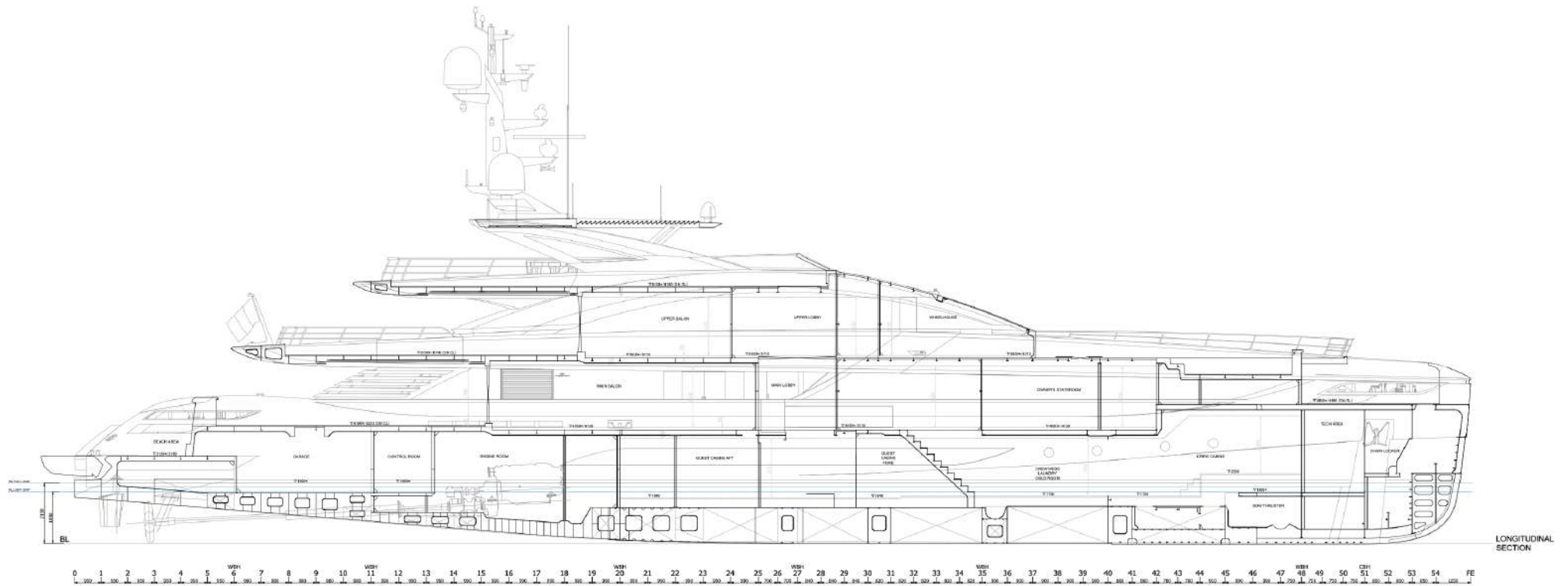
SECURITY & SAFETY EQUIPMENT

Safety:	4 x inflatable life rafts for 10 persons with SOLAS package A, SART, portable VFH Life jackets – adult & child
Security:	8 x All-around security cameras
Fire fighting:	Autronica fire detection system Gianneschi main and emergency fire pump FM200 ER fire protection system Portable firefighting gear complies with Class / Flag requirements

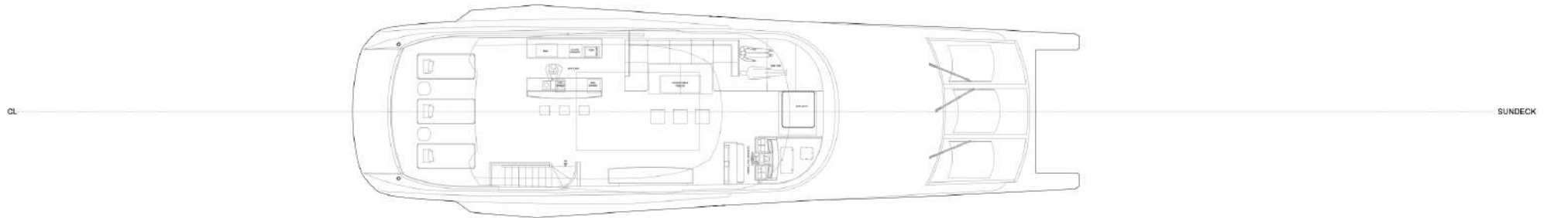
TENDER & WATERSPORTS EQUIPMENT

Tender	1 x 6.50 Castoldi 21 ft.
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NO STRESS TWO GA

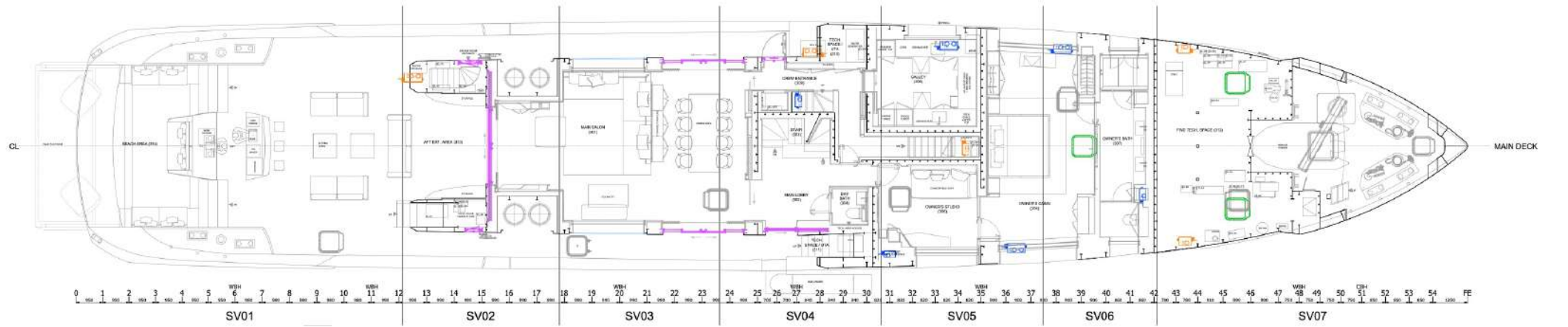


LONGITUDINAL SECTION



SUNDECK

NO STRESS TWO GA



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