



OPERATIONS MANUAL PART D (SYS)

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SPECIFICATIONS of M.S.Y. "Margherita"

GENERAL	Type	Jongert 20DS, Hull N. 318
	Shipyard	Jongert BV, Kluisgat 1 1771 MV Wieringerwerf, The Netherland
	Architect	De Vries Lentsch
	Designer	Peter Sijm
	Year	1984
	Registry	Gdansk, Poland (POL 0008 FF)
	Previous Name	Inventor
	Hull Material	Steel
	L.O.A.	22,46
	Length	19,38
	Beam	5,28
	Draft	2,70
	Accommodation	2 guests in one Master Cabin (Double Bed) 2 guests in 1 Standard cabin (two bunk beds, one extendable to twin bed); 2 crew in one cabin; One extra bunk bed.
	Speeds	10 kts. max./9 kts. cruising (both under sails or engine); Design: 10,78

SAILS	Standing Rigging	Rod Rig (A-Rigging), 2001
	Running Rigging	Armare Spectra, 2011
	Booms	2+1 Rondal Aluminum
	Furling Systems	Main & Mizzen Hydraulic In Mast Rondal Genoa & Staysail Hydraulic Rondal
	Foresails	North Sails Dacron Genoa & Staysail, 2008
	Mainsail	North Sails Dacron, 2008
	Mizzen	North Sails Dacron, 2008
	Blister	293 mq.
	Total Sail Area	240 mq.
	Awnings	All areas + Complete Winter Cover



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Winches	14 Lewmar, manual
Bimini Top	Inox & PVC

MACHINERY		
Main Engine	Mercedes Wizeman OM 422, 177 kW @ 2.100 RPM, 2400 hrs. (2014 refit) Engine consumption: 18 liters per hour circa.	
Aux LH	Isuzu 4 Cyl. 19KVA (1999 refit); <u>Necessary for Air Conditioning, Diving Compressor and Water Maker;</u> Engine consumption: 10 liters per hour circa.	
Aux RH	Mase Genset 9KVA 2 Cyl. 8KVA (2021); <u>Necessary for standard use of appliances (Stoves/Oven, Dishwasher, Washing Machine);</u> Engine consumption: 5 liters per hour circa.	
Diesel Fuel Tank	2.600 Lt. (687 USG)	
Water Maker	High Pressure automatic 200 L/h, 2001.	
Bow Thruster	Hydromar 30kW	
Air Conditioners	Condaria System, 2 Compressor, 1998, specific area individual temperature controllers	
Air Heaters	Webasto, 2 systems (forward and afterward yacht separated control)	
Air Compressor	AEG 2HP	
Diving Equipment	Coltri Compressor, two bottles.	
Fuel Cleaning	Alfa Laval System, 1998	
Grey-Black Waters Treatment Plant	Hamann Super Mini, 1998-2011; Two transfer systems.	
Water Pumps	Gianneschi Inox Eco-Inox, Copper-Nickel piping 2001	
Fresh Water Tank	2.200 Lt. (581 USG)	
Grey-Black Water Tank	650 Lt. (172 USG); painted 2012	

ELECTRICAL		
Engine	2 DC Alternators	
Battery Charger	210Ah	
Service Batteries	20 X Sonnenschein GF06/200Ah Gel type (1000Ah Total), 2021	
Start Batteries	3 X (one per engine)	
Inverters	Victron Energy 3 systems 220VAC/8000W total.	
Shore Power	220VAC/7000W	
Solar Panels	Yes. (1.160W total)	
Lighting	Led, 2011	

NAVIGATION		
Autopilots	1 Segatron; 1 B&G NAC3/Triton2 (2024)	
Compass/Gyro	1 B&G Precision9, 1 Magnetic, 1 Furuno SCX-21 SAT Compass	
GPS/Plotter	1 Furuno GD-1920C; 1 Furuno GP-39; 1 NobelTech, 2001; 1 B&G ZG 100; 1 B&G Zeus 3s Plotter	
Radar	1 Furuno, 2001; 1 NobelTech open array, 2009	
NavText	1 Furuno	
Barographs	3 Wempe	
Log	B&G Legacy + Triton2	
Depth Sounder	B&G Legacy + Triton2	
Wind	B&G WS310 + Triton2	



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Rudder Position	Jongert Legacy + B&G RF25N
AIS	EmTrak A1 Class A
Extras	Video Surveillance (Stern + Engine Room) via Tele Observer (4 cameras, bilge alarm connected)

COMM	Internet	GSM Router with amplified WiFi antenna;
	VHF	1 Furuno FM-2721; 1 Icom M424-G; 1 Hendheld Standard Horizon HX300
	SSB	Furuno FS-2570
	Desktop	Windows (Admiral NAV Application on board)
	Printers	1 HP LaserJet B&W.

ENTERTAIN	TV	1 Samsung LED UHD TV 43" (2021)
	SAT-TV	KVH TrackVision M5 auto directional antenna, TV Sat Receiver.
	Radio/CD/MP3	1 Denon ADV-M71 Surround system in Lounge and Pilot House; 3 Kenwood players (one in each cabin) with remote control.

ACCOMMODATION	Owner	1 Master cabin with double bed, shower & bath tube.
	Guests	1 Cabin with 2 bunk beds (one is extendable to twin bed), in suite showers.
	Crew	1 Cabin
	Extra	1 bunk bed
	Lounge	Round table & Bar table; Curtains & UV Protection, 2012
	Galley	Starboard side in Lounge area.
	Pilot House	Yes with table and sofa.
	Outdoor Cockpit	Al fresco dining table and settees.
	Porcelains & Cutlery	French service, extra set of white table cloth.
	Robes	Extra set of white bathrobes and Towels Extra set of sun bathing robes
	Cushions	Tempotest fabric cushions/beds for every settee and sunbathing area

GALLEY	Refrigerators	3, Frigoboat holding plates 2001
	Deep Freezer	1, Frigoboat holding plate 2001
	Ice Maker	U-Line SP-18WH-11
	Bread Baking Machine	Panasonic SD-BT2P
	Stoves	AEG Induction
	Dish Washer	Miele G619 SC
	Washing Machine/Dryer	Candy EXCSS585TWMCE-11
	Trash Compactor	Swif Tech

DECK	Gangway	1 in Platform; 1 separate
	Bathing Platform	Yes
	Bathing Ladder	Yes, integrated in platform
	Deck Shower	Yes
	Anchors	1 Ultra Marine 176 Lbs. (80 Kg.); 1 CQR 105 Lbs (47 Kg.).



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Windlass	Lofrans Falkon
Deck Wash	1 Fresh Water; 1 Sea Water
Painting	Awlgrip in excellent conditions
Tender	Avon 280 Classic, Johnson 15 HP

SAFETY

LifeRaft	BFA, 8 passengers
Life Jackets	Automatic, 8 passengers
Bilge Alarm	Yes, all bilges
Bilge Pumps	Yes, all bilges
Fire Extinguishing System	Yes, automatic in engine room, Phyrogen
Fire Extinguishers	Yes, each cabin
EPIRB	McMurdo AIS/GPS G8 EPIRB
First Aid Kit	Full (Tab. A, D.M. 1/10/2015)
Oxygen Bottle	Yes (5 ltrs.)
AED	Yes (Philips HeartStart)