

Hallberg-Rassy 40C

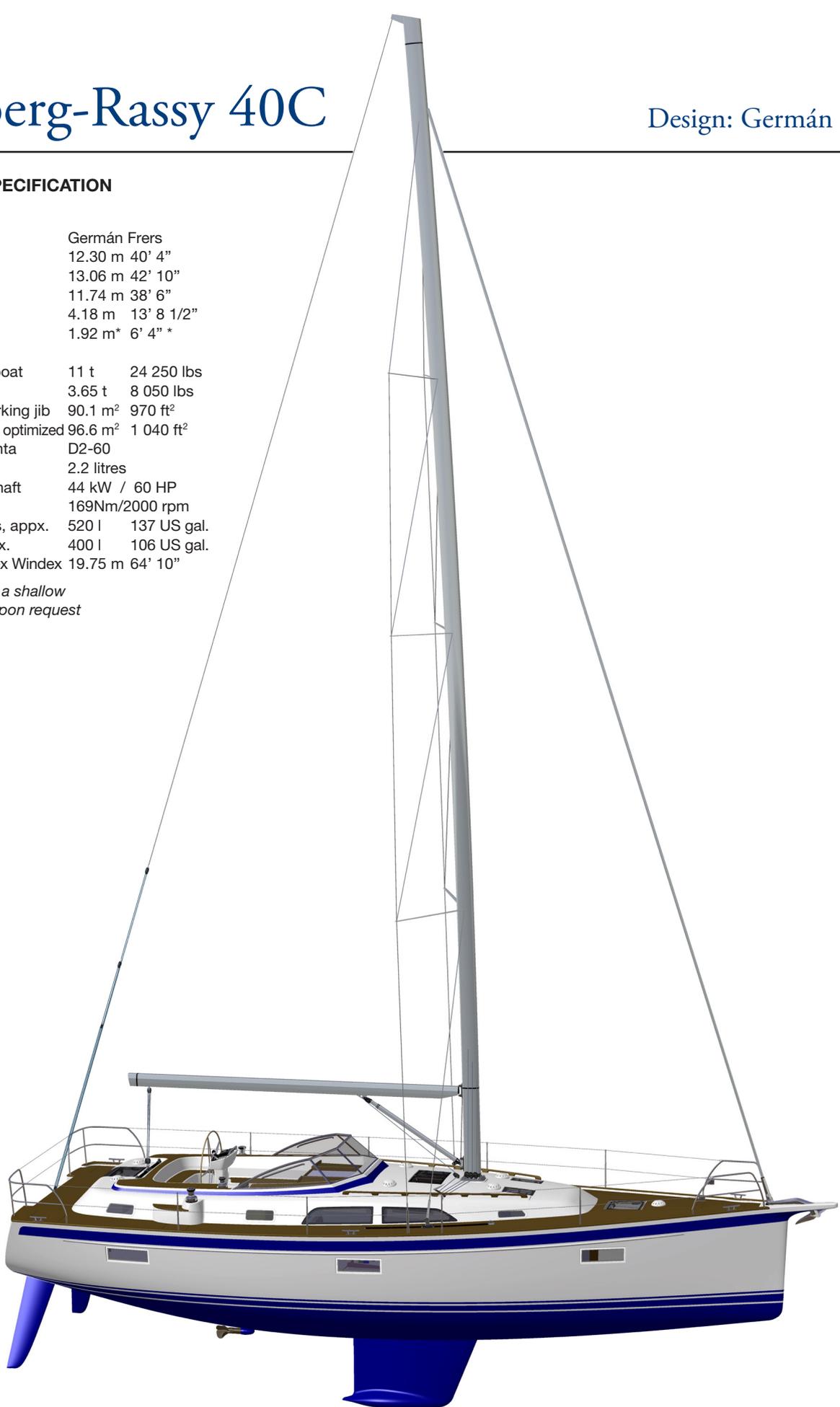
Design: Germán Frers

STANDARD SPECIFICATION

Main datas:

Designer	Germán Frers	
Hull length	12.30 m	40' 4"
Maximum length	13.06 m	42' 10"
Waterline at rest	11.74 m	38' 6"
Beam	4.18 m	13' 8 1/2"
Draft, empty load	1.92 m*	6' 4" *
Displacement, empty standard boat	11 t	24 250 lbs
Lead keel	3.65 t	8 050 lbs
Sail area with working jib	90.1 m ²	970 ft ²
Sail area, optionally optimized	96.6 m ²	1 040 ft ²
Engine, Volvo Penta	D2-60	
Cylinder volume	2.2 litres	
Power at crank shaft	44 kW / 60 HP	
Max torque	169Nm/2000 rpm	
Fresh water tanks, appx.	520 l	137 US gal.
Diesel tanks, appx.	400 l	106 US gal.
Mast over water, ex Windex	19.75 m	64' 10"

**Also available as a shallow draught version upon request*



ENGLISH

Hallberg-Rassy 40C standard specification

Hull and Deck

Laminate construction of hull: Isophthalic gelcoat, vinylester based barrier coat. Hand lay-up method, insulated with Divinycell PVC-foam against heat and cold except in the keel area which is solid laminate. Integrated rubbing strake with brass strip. Blue decorative band in gelcoat. Strong under floor reinforcements. Lead keel with reinforcement bolted on with many stainless steel bolts. The rudders are carefully mounted for sensitive rudder feel. Strong engine foundations of GRP for effective sound insulation. Deck and coachroof areas and also cockpit are of sandwich construction, solid in parts, laminated to the hull. Six hull portlights.

Deck and deck fittings

Toerail, cockpit seats, cockpit floor and bathing platform in top quality teak laid in silicon rubber. Also teak hand rails full length of superstructure. Strong stem fitting. Stowage beneath for fenders. Two strong cleats forward, aft and midships. Double stainless lifelines. Scuppers on each side which drain rain water overboard just above waterline to prevent dirt strips on the hull. Genoajib and mainsheet tracks with blocks. Genoajib block adjustable from the cockpit. Selftailing genoa winches, size 50 Evo Chrome. Hatches in foredeck, toilet compartment, stb side of that, two in the saloon and one in the aft cabin. 11 port holes, 8 of these are opening. Pulpit and pushpit have opening for easy access on board. There is a separate gas locker with stowage for two 6 kg PK6 gas cylinders. Bathing platform in transom.

Cockpit

On starboard side there is a generous sized, dry stowage locker with storage slots for wash boards. The cockpit floor is covered with a teak grating. Wheel steering with large pedestal head. High gloss varnished folding teak cockpit table. Instruments for engine in the steering pedestal within easy reach of helmsman. Strong windscreen with handholds on the sides, opening centre section and sprayhood over front part of cockpit. The sprayhood can be rolled away neatly into a protective cover. On either side of sliding hatch there are useful teak covered work surfaces, ideal as chart tables, etc. Above the sliding hatch Raymarine instruments; one i50 Speed, one i50 Depth and i60 Wind. Chart tables and washboards in natural teak. Two large cockpit drains. Space for optional life raft below the cockpit floor. Halyard winch size 40 Evo Chrome and clutches on the stb coaming.

Mast and rigging

Triple spreader rig by Seldén. Main boom with outhaul and two reefs. Under deck genoajib furling and reefing system Seldén Furler TD. Seldén rod-kicker. Backstay tensioner, tackle. One winch for reefing, selftailing for genoajib halyards. Several cleats for various uses. Generous dimensions of standing and running rigging avoid fatigue during unrestricted ocean sailing. Turnbuckles from Seldén, winches from Lewmar. Windex wind indicator on mast top.

Sails

Mainsail and genoajib made from high quality dacron

material in special Offshore quality by Elvstrøm Sails, Denmark. Two reefs in main, battens and coded sail bags.

Accommodation details

As standard the boat has two saloon sofas and two separate aft cabin berths. As an option at additional cost, there are two armchairs available in the saloon, and a queen size center line berth in the aft cabin with sofa to port and make up table to starboard, as well as a larger galley available. Optional layouts are subject to additional cost. You may combine the saloon of your choice with the aft cabin of your choice. If optional layout is required, this must specifically be ordered and confirmed.

All interior woodwork in light mahogany matt silk finish. Flushed locker doors with invisible hinges and ventilation as far as possible. Floor is varnished real wood with inlaid holly strips. Saloon ceiling has paneling with mahogany strips and ceilings in remainder of boat have light lining. High quality fabric covered cushions on all berths 12 cm / 5" thick sandwich foam resting on un-varnished, well ventilated boards to avoid condensation. Hand holds are in all the right positions. All portholes are fitted with curtains. Curtains also under the deck hatches in sleeping cabins.

Saloon

The settee offers comfortable seating. On the port side a 2.10 m long L-sofa that has backrests with hinges so that the space behind can be utilized as storage. On starboard side 1.95 m long settee. The backrest can be lifted to enable total width to be used for sleeping accommodation. Between the settees a strong table with foldable sides. Top opening bar in the table. Headroom in saloon approximately 1.95 m.

Galley

Working surface in Corian with strong, all round mahogany fiddle rail. Carefully insulated cooling box with baskets and electric compressor for chilling. Extra deep, double sink. Two burner gas cooker with oven, well gimbaled with fiddle rails and locking device for oven door and also for the cooker when in use in the marina. Safety switch on gas pipe. Crockery locker and cutlery drawer. Bread board. Room for saucepans and other kitchen utensils. There are special places for the waste bin and other items.

Heads Compartment

Bulkheads and lockers in white laminate. Teak grating. Wash basin and countertop in Corian. There is a large mirror fitted. Separate shower with watertight shower stall, plexi glass doors. Shower water drained by pump directly overboard without going into bilges. Hand switch for shower pump for utmost safety. Strong, reliable pump action toilet. Holding tank, emptied by gravity or by deck pump out. Cupboard above and below wash-basin. Ventilation through an automatic vent, opening porthole and a frosted deck hatch.

Forward Cabin

The door to the forward cabin has been arranged in such a way to allow free movement for dressing and undressing. Two 2.11 m long berths with ample stowage above and below and in addition a number of lockers. An automatic deck vent, a deck hatch and an opening porthole.

Work Table and Walkthrough

A comfortable work table seat. Electric panel to the left of the navigator. Drawers and stowage slots. Good headroom in the walkthrough thanks to use of cockpit coaming for headroom. There is a larger rubber sealed door access in the aft cabin to the big engine room. Opposite the work table there is a wet locker.

Aft Cabin

Aft cabin has a hanging locker on port side and two comfortable berths, port and starboard side 2.0 m long, starboard 1.34 m wide and on port side 76 cm wide. Stowage room below, above in between and aft of the separate berths. There is a mirror fitted. Seat between the berths. As an option at additional cost one big double centre bed, 2.02 m long and 1.56 m wide, and a seat on port and make up table to starboard can be ordered.

Engine and Engine Room

Engine Volvo Penta D2-60, 44 kW/60 HP 4 cylinder 2.2 Litres cylinder volume. Mounted with four rubber feet on strong foundations to avoid vibration and noise. 3 bladed fixed propeller. Water-cooled rubber exhaust pipe. Fresh-water cooled engine. The hot freshwater circuit is led into a 40 L / 11 US gallon well insulated hot water tank. Due to the good insulation water remains hot for many hours after the engine has been run. The engine is served by a separate 12 V battery. There is a large filter for cooling water. Automatic fire extinguisher in engine room. The bilge pump has been installed in a position where it can be cleaned even in extremely bad weather conditions. There is space for a Diesel generator.

Diesel

400 litres in two tanks with fuel gauges. The tanks are filled through two deck inlets. Between tank and engine there is a further large water and coarse filter in addition to the one on the engine.

Fresh Water

Fresh water capacity is 520 litres in three tanks. The hot water calorifier has 40 litres. The upper tanks are piped to lower tank and controlled by valves. There is a water gauge for each tank. The fresh water goes to a pump and then on to a 8 litres pressure equalising tank, and from there via a manifold is distributed to a 40 Litres / 11 US gallon hot water calorifier (heated by 230 V and the engine's cooling water) and the cold water system. As soon as a water tap is turned on the water which is under pressure in the pipes starts to flow. As soon as the pressure reduces the electric pump begins to work and will continue until the pressure is built up again after closing tap. Filling of water tanks is through deck inlet. Carbon filter. There are two bilge pumps; one manual and one high capacity electric emergency bilge pump that is floodable.

Electricity

Two separate circuits, one with 12 Volt and 95 Ah battery for engine start and one 12 Volt 240 Ah deep-cycle for general use on board, the latter being covered by two batteries. Charging of batteries is by 115 A alternator from engine. Lighting throughout the boat is located in all the important positions. There are attractive adjustable reading lights above the berths. Electric 12 v sockets at inner chart table and in the cockpit. Electric panel with circuit

breakers at inner chart table. There is a fresh water and diesel meter. LED navigation lights, steaming light and anchor light. A wiring diagram is supplied with each boat.

Refrigeration

An Isotherm system with Danfoss compressor unit for refrigeration is fitted for the icebox, extremely economical to run. Operated from a 12 Volt supply and providing batteries are in good condition, refrigeration should last 5-6 days without re-charging being necessary.

Ventilation

6 deck hatches, 8 opening port holes, companionway washboards, 5 automatic vents for saloon, aft cabin, heads compartment and forward cabin. Separate electric engine room ventilation.

Steering

Lewmar wheel steering. Cardan linked rod steering which is progressive and combines safety and fine feel in the best possible way. Illuminated compass, single lever engine control and leather covered steering wheel.

Safety and General

All outside skin fittings are speedily and securely sealed by using ball-valves with Delrin-sealer. Double hose clips are used under water. For the toilet special non-diffusing hoses are used. All electric cables are, where possible, laid in special tubes and where this is not possible, cables are safely loomed away from the hull. There are large limber holes so that any water can easily drain to the bilge. The bilge is accessible by a removable floor panel without having to remove the steps. Inspection hatches for easy access to stop cocks and speed transducer. Four fire extinguishers, one fitted to the saloon table, one in the forward cabin, one in the aft cabin and one in the cockpit locker. Fixed automatic fire extinguisher in engine room. Fire and smoke detector in the saloon area.

Type of Finish

The interior is treated with a top quality silk finish varnish. The underwater hull has two applications of epoxy primer and two coats of antifouling.

Certification

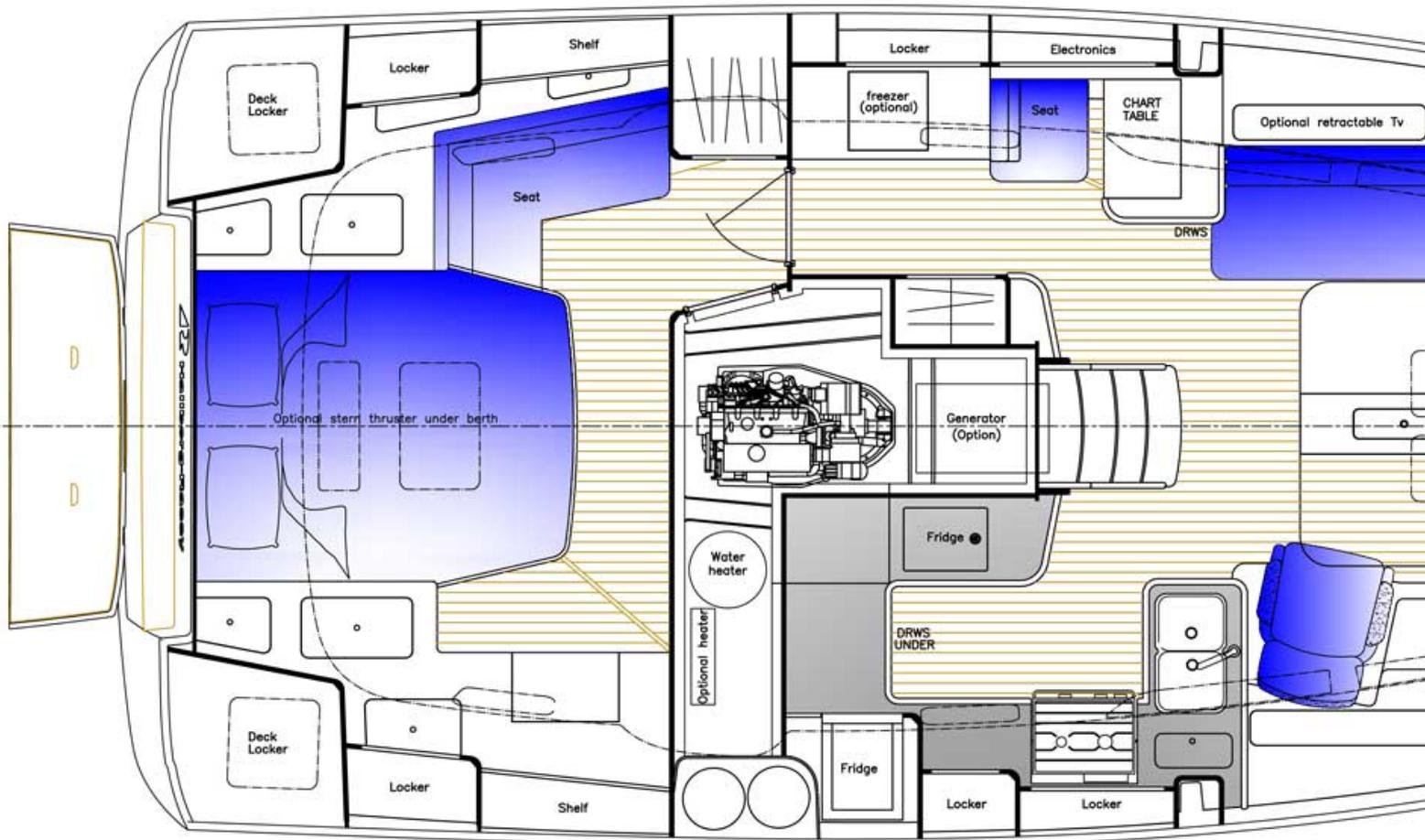
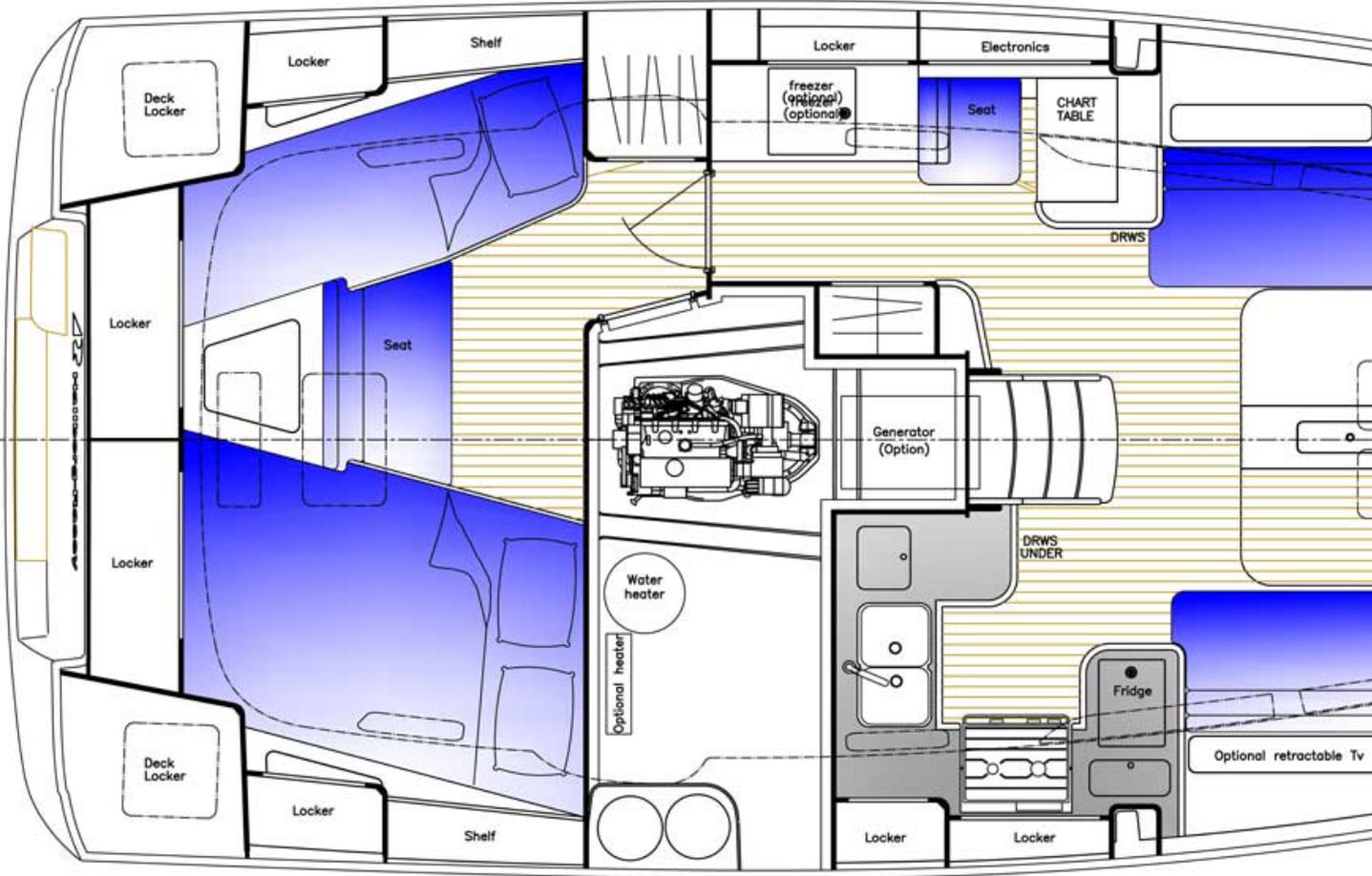
The boat is CE certified by DNV-GL (Det Norske Veritas-Germanischer Lloyd) and delivered with a CE certificate and a CE plaque for category A - unlimited ocean voyages.

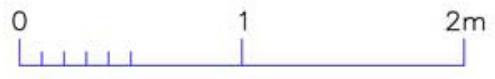
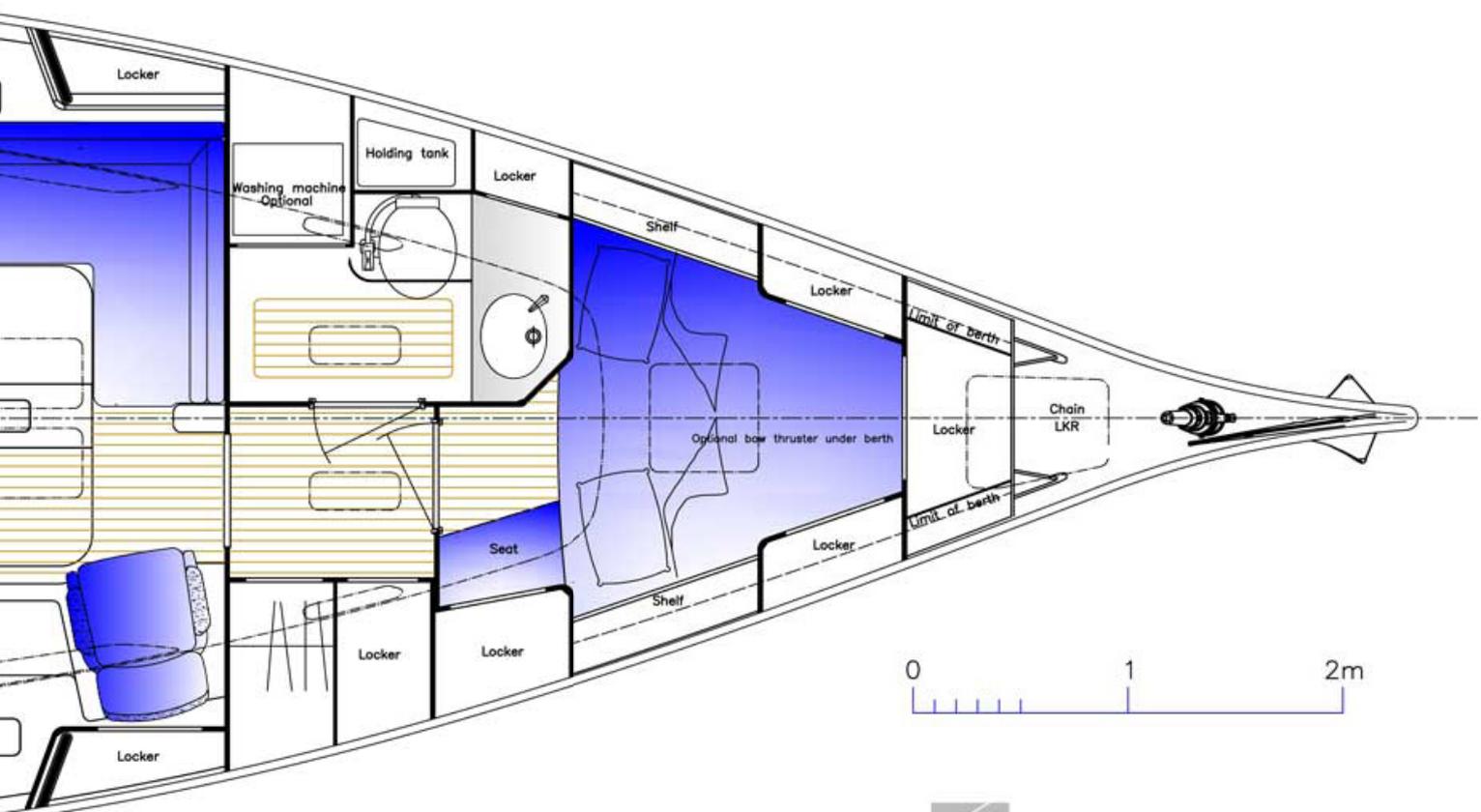
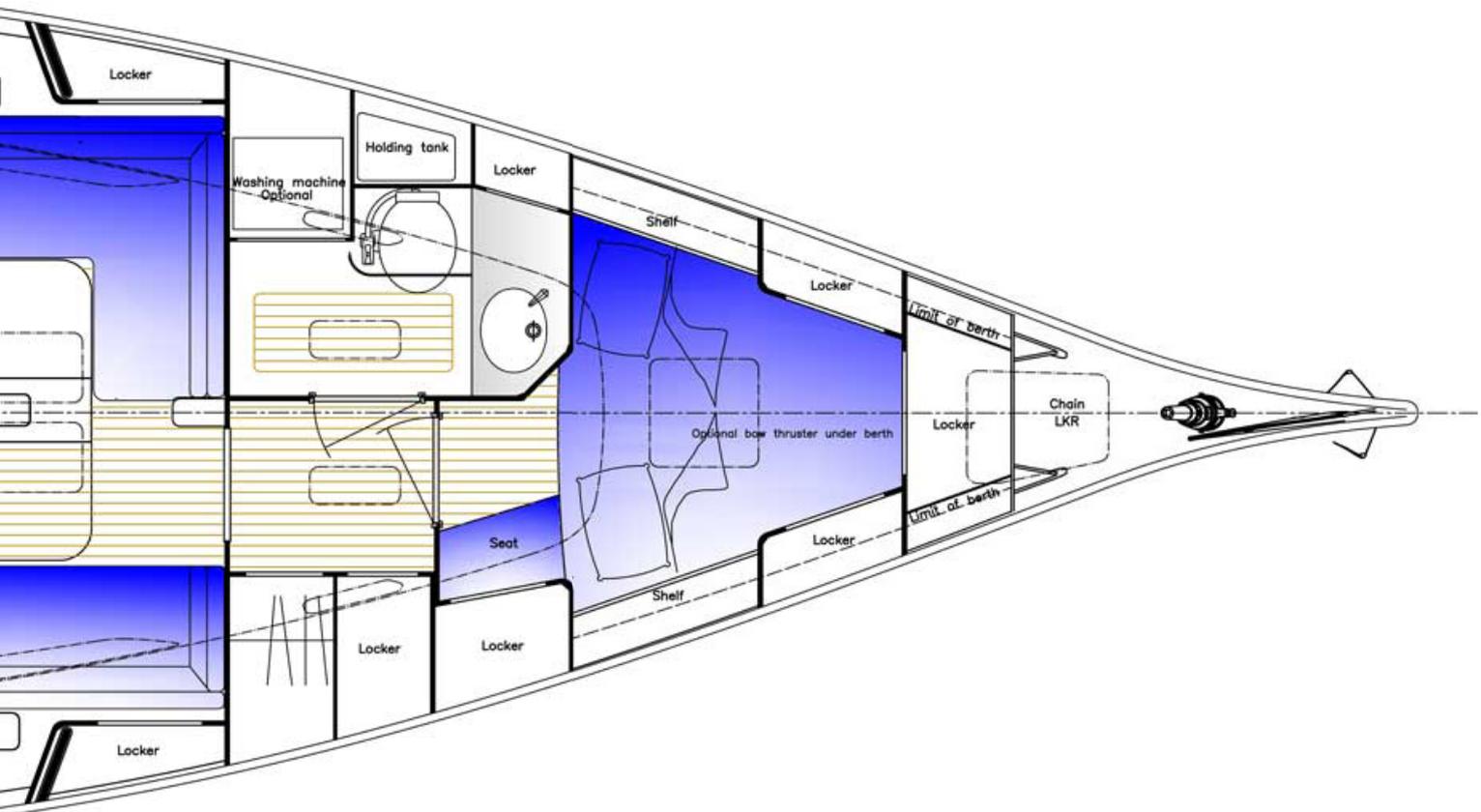
Loose Equipment

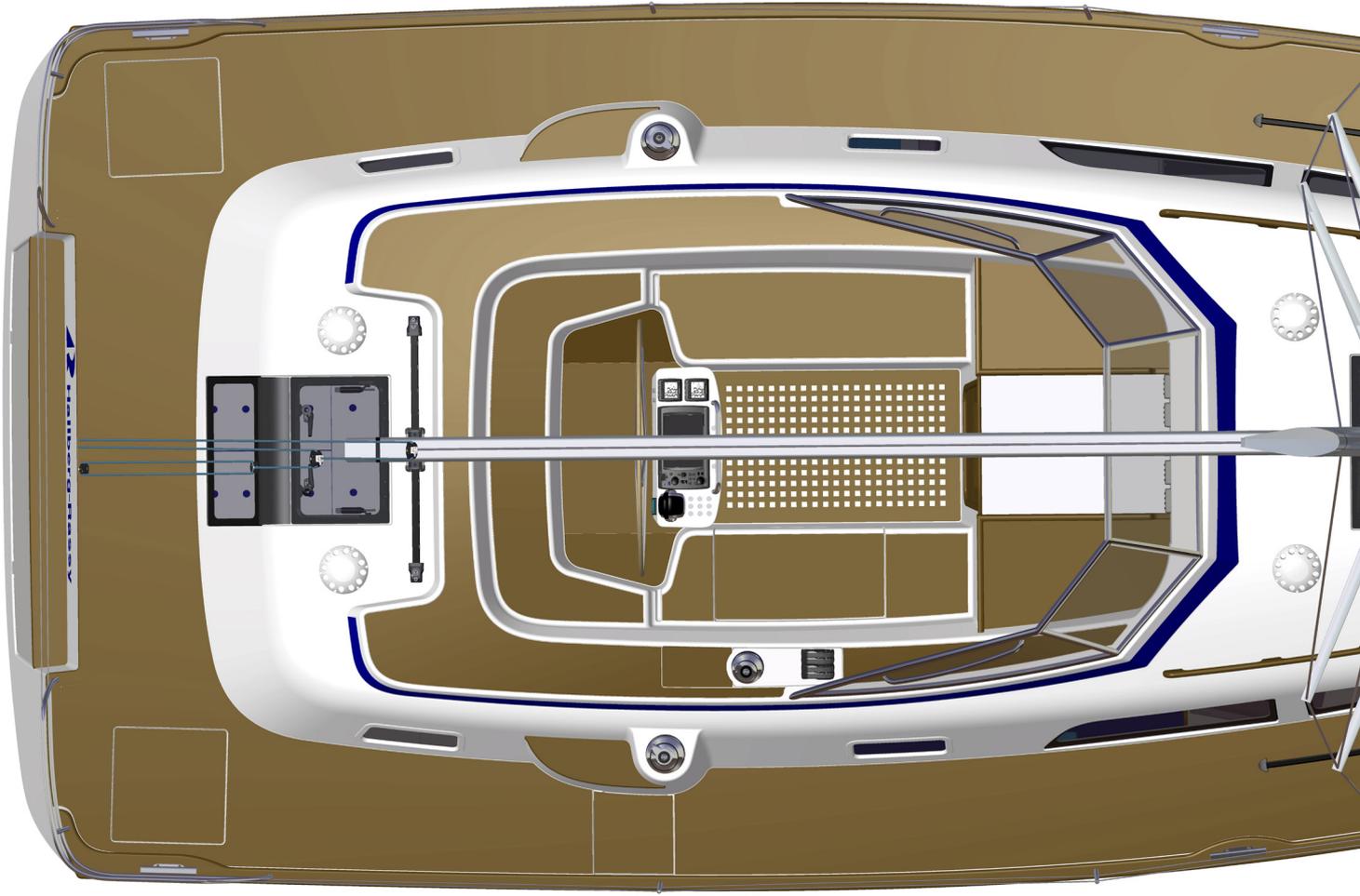
- Flagstaff
- Boat hook
- Four fenders
- Four mooring lines
- Emergency steering
- Main sail cover (not supplied if in mast furling is ordered)
- One winch handle

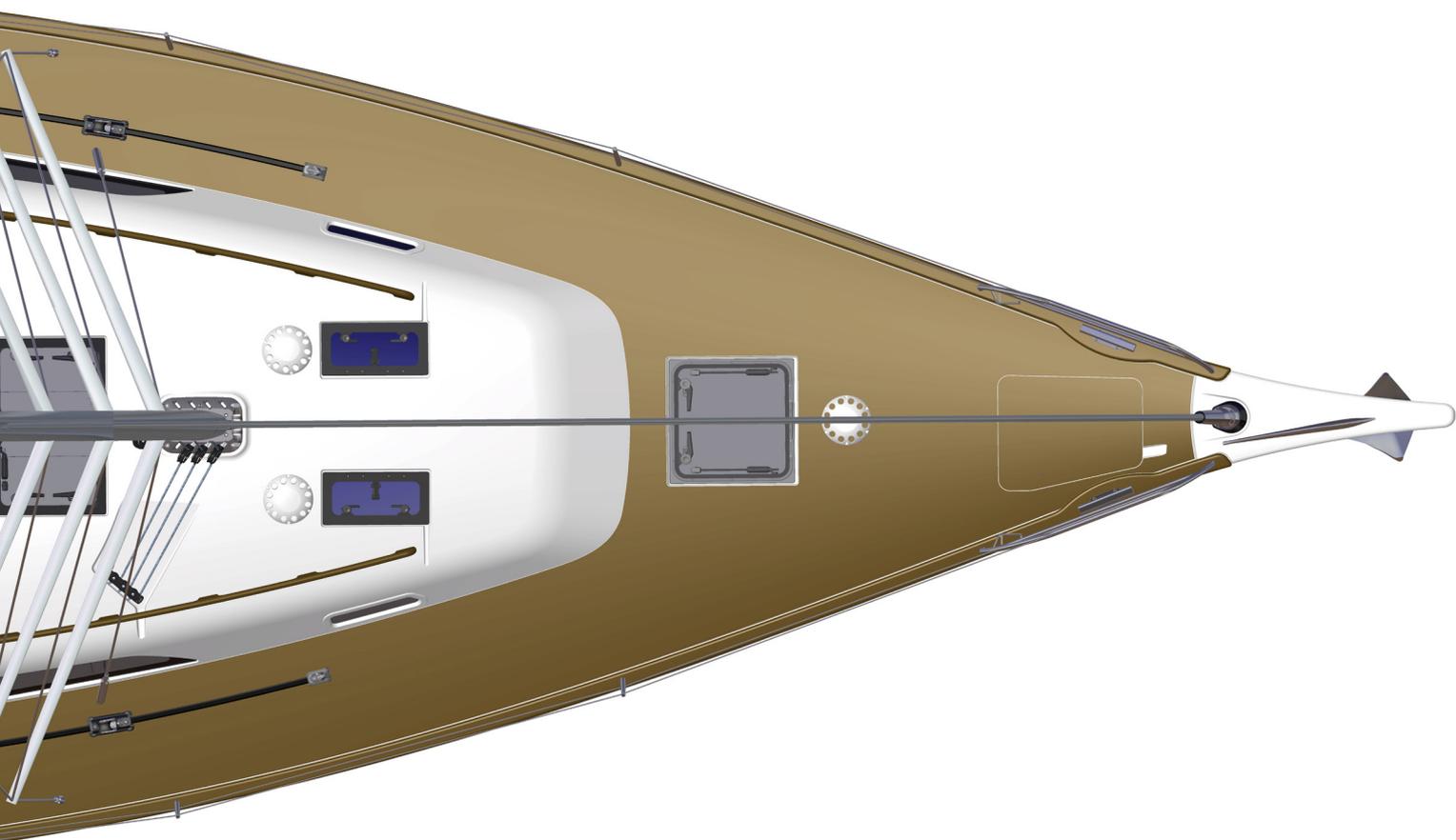
Modifications reserved.

Chosen extra equipment may affect this standard specification. Drawings are for orientation only. Measurements are not to be taken from these. Drawings may show options at additional cost.









JOSE C. PAZ 234 - 1640 ACASSUSO - BUENOS AIRES PHONE: +54 11 4732 3300 INFO@GERMANRERS.NET
VA. GIACOMO LEOPARDELLI 27 - 20123 MILANO PHONE: +39 02 4830 6952 WWW.GERMANRERS.COM

		True Wind Speed								
		6	8	10	12	14	16	20	25	30
Beating Targets	Vs (knot)	4.65	5.58	6.24	6.56	6.72	6.84	7.02	7.14	7.22
	TWA (°)	45.3	43.5	42.8	41.7	40.6	40	39.9	40.3	41.3
	VMG (knot)	3.28	4.05	4.57	4.90	5.11	5.24	5.39	5.45	5.42
Running Targets	40	4.16	5.23	5.93	6.37	6.66	6.84	7.03	7.11	7.06
	45	4.63	5.72	6.45	6.86	7.10	7.25	7.42	7.49	7.51
	52	5.13	6.22	6.95	7.30	7.47	7.60	7.78	7.91	7.97
	60	5.51	6.63	7.28	7.61	7.79	7.91	8.09	8.24	8.33
	70	5.79	6.89	7.49	7.84	8.06	8.20	8.39	8.57	8.69
	80	6.17	7.26	7.68	7.94	8.21	8.41	8.65	8.87	9.04
	90	6.46	7.44	7.88	8.13	8.32	8.50	8.88	9.16	9.36
	100	6.52	7.48	7.98	8.30	8.50	8.68	8.99	9.41	9.67
	110	6.38	7.40	7.95	8.34	8.64	8.87	9.22	9.58	9.97
	120	6.08	7.19	7.80	8.24	8.61	8.94	9.43	9.87	10.33
	135	5.26	6.52	7.34	7.85	8.27	8.65	9.41	10.33	11.08
150	4.20	5.44	6.49	7.26	7.76	8.16	8.89	9.88	11.21	
Running Targets	Vs (knot)	4.90	5.80	6.57	7.02	7.17	7.55	8.29	9.19	10.44
	TWA (°)	139.6	144.5	148.6	154.1	164.9	170	172.6	171.5	167.2
	VMG (knot)	3.74	4.73	5.60	6.31	6.92	7.44	8.22	9.09	10.18

		Max Reaching Speed (knot)								
		6	8	10	12	14	16	20	25	30
Vs (knot)		6.52	7.48	7.98	8.34	8.64	8.94	9.43	10.33	11.21

Sailing Displacement: 11.6 ton Draft: 1.90 m
 Sails: Main (51.2 m2), Jib (41.5 m2), A2 (141.2 m2)
 TWS measured at masthead



HALLBERG-RASSY VARVS AB, HALLBERG-RASSYVÄGEN 1, SE-474 31 ELLÖS, SWEDEN. TEL +46-(0)304-54 800
www.facebook.com/hallbergassy www.instagram.com/hallbergassy
www.hallberg-rassy.com

SPARE PARTS: HALLBERG-RASSY PARTS AB, HALLBERG-RASSYVÄGEN 2, SE-474 31 ELLÖS, SWEDEN. TEL +46-(0) 304 549 90. info@hr-parts.com
shop.hallberg-rassy.com

ARGENTINA: JOSÉ FRERS, RUBEN DARIO 3447 (1646) VICTORIA P.B.A. TEL +54-11 47 45 05 37. jfrers@josefrers.com

BULGARIA: FINNINVEST LTD., BOGORIDY ST No 59, BG-8000 BOURGAS. TEL +359 (0)56 845 107 fininv@bs.spnet.net

CROATIA, SERBIA, SLOVENIA, BOSNIA AND HERCEGOVINA, MACEDONIA AND MONTENEGRO: MORE OCEAN D.O.O., SMICIKLASOVA 19, HR-10 000 ZAGREB, CROATIA marko@moreocean.hr TEL +385 1 5509501

DENMARK: DIRECTLY FROM THE YARD IN SWEDEN.

FINLAND: OY HELLMAN YACHTS AB, TAMMISTONTIE 256, FIN-20900 TURKU TEL +358 (0)2 2581 600 lassi.hellman@helmarin.fi

FRANCE: LJB MARINE, GALERIE MARCHANDE DES MINIMES, 46 AVENUE DU LAZARET, FR-17000 LA ROCHELLE. TEL +33 5 46 52 19 52. info@ljb-marine.com

GERMANY: HALLBERG-RASSY DEUTSCHLAND GMBH, AN DER WIEK 7-15, DE-23730 NEUSTADT. info@hallberg-rassy.de TEL 04561-55 86 48.

HOLLAND: NOVA YACHTING INT. BV, JACHTHAVEN BRUINISSE, JACHTHAVENWEG 72, NL-4311 NC BRUINISSE. TEL +31-111-48 18 10. info@nova-yachting.nl

ITALY: MARINE LIONS YACHTING SRL, VIA SALENTO 12, IT-00162 ROMA. TEL 06-44 23 75 37. info@hallberg-rassy.it

JAPAN: KAIWO CO., LTD, 4-3 SHIRAHO, KANAZAWA-KU, YOKOHAMA, 236-0007 TEL: 81-45-773-0685 info@kaiwo.com

MALTA: YACHTING PARTNERS MALTA LTD., SHAWN SPITERI DUCA, 183/4 MARINA STREET, PIETA PTA 9042 TEL: +356 21252727 shawn@ypm.com.mt

NORWAY: DIRECTLY FROM THE YARD IN SWEDEN.

RUSSIA: JONACOR MARINE, PESOCHNAYA NAB.18, RU-197022 ST. PETERSBURG TEL: +7 (812) 702 47 70 dmitry.samoylov@jonacor-marine.ru

SPAIN: OLMARINE, PORT GINESTA - LOCAL 720, ES-08860 LES BOTIGUES DE SITGES (BARCELONA) TEL +34 620275011 info@olmarine.es

SWITZERLAND: BOOTSWERFT ROLF MÜLLER AG, BOTTIGHOFEN, CH-8574 LENGWIL TEL 071-688 41 41. info@bootswert-mueller.swiss

TURKEY: PRIENE TURIZM YATCILIK SAN. VE TIC. LTD. STI., MR E GALIP KAYNAR, CEMILTOPUZLU CAD. 104 A/16-17 B BLOK, RAGIP PASA Korusu TR-34728 CAD-DEBOSTAN, ISTANBUL TEL +90 216 4677100 galipkaynar@galipkaynar.com

UK: TRANSWORLD YACHTS SAILING LTD., HAMBLE POINT MARINA, SCHOOL LANE, HAMBLE, SOUTHAMPTON SO31 4JD TEL 023-80 45 40 00 enq@transworld-yachts.co.uk

USA, CT: Eastland Yachts Inc., 33 Pratt Street, Essex, CT 06426. TEL 860-767-8224. eyi@eastlandyachts.com

USA, MD: FREE STATE YACHTS INC., HERRINGTON HARBOUR MARINA NORTH, P O Box 220, DEALE, MARYLAND 20751, TEL: 410-867-9022, 800-871-1333. sales@freestateyachts.com

USA, WA: SWIFTSURE YACHTS, 2500 WESTLAKE AVE. N., SUITE F, SEATTLE WA 98109 TEL 206 378 1110 info@swiftsureyachts.com