

FRIENDSHIP



FRIENDSHIP
173' (52.80m) Oceanco Motoryacht, 2000/2024

Length Overall:	173.24 feet (52.80 meters)
Beam:	31.00 feet (9.45 meters)
Draft:	12.47 feet (3.80 meters)
Year Delivered:	2000 / Refit 2016, 2020, 2023, 2024
Type:	Full Displacement Oceangoing Motoryacht
Flag:	Netherlands
Tonnage:	643 gross
Builder:	Oceanco (Holland)
Naval Architect:	Richard Hein (Monaco)
Exterior Design:	The "A" Group (Monaco)
Interior Designer:	J.P. Fantini Design (France)
Construction:	Steel hull, aluminum superstructure, teak decks
Classification:	Lloyd's, MCA Compliant
Main Engines:	(2) MTU 12V396TE74 diesels @ 1,750 Hp each
Electrical:	400V/3 Phase/50 Hz (2) 142 kW MTU/Mercedes 8V1831 generators (1) Lister/Petter TS33BV3 emergency generator
Speed:	Maximum: 16.1 knots Cruising: 14.5 knots
Tankage:	Fuel: 29,291 US Gallons(110,800 liters) Water: 6,900 US Gallons (26,200 liters)
Range:	5,100 nautical miles @ 12.4 knots
Accommodations:	Sleeps up to 12 in the Owner's party in 6 staterooms, in addition massage/gym-room on lower deck, plus crew accommodations for up to -12 in 7 cabins including captain's cabin
Location:	Western Mediterranean / Viareggio
Price:	EURO 13.750.000

1. CONSTRUCTION

2. DIMENSIONS

- 2.1 General
- 2.2 Capacities
- 2.3 Speed, Consumption, Range & RPMs

3. MACHINERY

- 3.1 Main Engines
- 3.2 Generators & Electricity
- 3.3 Air Conditioning
- 3.4 Other Machinery

4.COMMUNICATION, NAVIGATION & ENTERTAINMENT

- 4.1 Communication Systems
- 4.2 Navigation Systems
- 4.3 Entertainment Systems
 - a. Video Equipment
 - b. Audio Equipment
 - c. Wi-Fi Internet access

5.GALLEY & LAUNDRY EQUIPMENT

- 5.1 Main Galley Equipment
- 5.2 Crew Galley/Mess Equipment
- 5.3 Additional Galley Equipment
- 5.4 Laundry Equipment

6.TENDERS & TOYS

7.DECK EQUIPMENT

8.SECURITY, FIRE FIGHTING & SAFETY EQUIPMENT

- 8.1 Security Equipment
- 8.2 Fire Fighting Equipment
- 8.3 Safety Equipment

9. ACCOMMODATIONS

- 9.1 Owner
- 9.2 Guests
- 9.3 Guest areas
- 9.4 Crew

10. COMMENTS

11. REFIT SUMMARY

1. CONSTRUCTION

Steel hull, aluminum superstructure, teak decks

2. DIMENSIONS

2.1 General

Length Overall:	173.24 feet	(52.80 meters)
Beam:	31.00 feet	(9.45 meters)
Draft (loaded):	12.47 feet	(3.80 meters)
Tonnage:	643 gross; 192 net tons	

2.2 Capacities

Fuel Capacity:	29,291 US Gallons (110,800 liters)
Water Capacity:	6,900 US Gallons (26,200 liters)
Watermakers:	6,340 US Gallons (24,000 liters)
Lube Oil:	240 US Gallons (910 liters)
Waste Oil:	240 US Gallons (910 liters)
Grey Water:	2,800 US Gallons (10,600 liters)
Black Water:	391 US Gallons (1,480 liters)

2.3 Speed

		Consumption per hours	Range	RPM
Maximum:	16.1 knots	730 liters (193 US Gal)		2,000
Cruising:	14.5 knots	450 liters (119 US Gal)		1,750
Economical:	12.4 knots	335 liters (66 US Gal)	5,100 nm	

Average consumption including Genset: 335 liters (88.5 US gallons) per hour

MACHINERY

3.1 Main Engines

- Engine Type:
- (2) MTU 12V396TE74 diesels @ 1,750 Hp each
- W6 Major Overhaul on Main Engines completed:
Starboard: May, 2018 @ 15,297 hrs / Current hours: 19,004 – Sept. 2024
Port: August, 2016 @ 13,826 hrs. / 18,940 – Sept. 2024
- Gearboxes for Main Engines:
- Drive:
- ZF BW-461
 - Twin screw propellers

3.2 Generators & Electricity

- Output:
- Generators:
- 400V/3 Phase/50 Hz / 230V/Single Phase/50 Hz
 - (2) 142 kW MTU/Mercedes 8V1831 (Major Overhaul 2022)
 - (1) Lister/Petter TS33BV3 emergency generator

W6 Major Overhaul on Port & Starboard:

- Generator Fuel Consumption:
- Completed January, 2023 – Approx. 6,600 hrs SMOH / Current Hours: Port – 61,234 / Starboard – 61,299 – Sept., 2024
 - 335 liters (88.5 US gallons) per hour
- Shore Power:
- Batteries:
- 400V/3 Phase/50 Hz
 - 5 Banks 24VDC

3.3 Air Conditioning

- Type:
- Watermakers:
- Stabilizers:
- Bow Thruster:
- Steering System:
- Fuel Separator & Filtration:
- Sewage System:
- Fresh Water System:
- Rudder Angle Indicator:
- Bilge Water Filtration:
- Oil/Water Separator:
- Boilers:
- WCs:
- Heinen & Hopman/Marine Air 75 ton
 - (2) HEM 30/3200 1000 liters (264 US gallons) per hour
 - Running - Vosper
 - At anchor - (2) Quantum Zero Speed
 - Rexroth
 - Cramm/Rexroth
 - Racor filters and Alfa Laval MMPX 303 SGP-11 separator
 - Haman Norway Mini
 - (3) Hydrophore pumps and accumulator
 - Anschutz
 - Johnson CH 40-200
 - Hodges 9422
 - (2) ACV E-Tech 22
 - Evac

4. COMMUNICATION, NAVIGATION & ENTERTAINMENT SYSTEMS

4.1 Communication Systems

- SATcom: • (2) Thrane & Thrane Fleet 77
- VSAT: • (2) Sea Tel V-Sat broadband terminals 4006 and 4003 with VOIPs
- Telephone System: • Panasonic KX-TDKX1232
- SSB Radio: • Furuno FS-2575-C
- VHF Radiotelephones: • (2) Furuno FM-8900S
- (15) Icom portables
- GPIRB: • (2) Jotron 40S and ACR Global Fix Pro
- AIS: • (1) Furuno FA-170
- Light Signal: • (1) Astralux 0019
- Cellular Phone System: • Roaming GSM and V-Sat VOIP
- Intercom: • Door phone system
- Starlink Maritime with two antennas

4.2 Navigation Systems

- Radar: • (1) Furuno FR2105 X-Band
- (1) Furuno RCU-025 S-Band (Brand new)
- Gyrocompass: • Anschutz Standard 24 with TMC (twin)
- Magnetic Compass: • Cassens & Plath Delta-Pilot
- Auto Pilot: • Anschutz NP2010 type AP01-SO1
- Depth Sounder: • Furuno FCV-582L
- Log: • Ben Marine Anthea RGD100
- GPS: • (2) Northstar 952X
- Ships Computer: • (6) HP Laptops
- (3) Apple computers
- Photocopier/Printer: • (2) Officejet 7610
- (1) Canon MG5650
- Chart Plotter: • Transas
- Wind/Speed Log: • (2) B&G Hydra 2000
- Navtex: • (1) Furuno NX700
- Loudhailer: • Raytheon Ray 430
- Air Horns: • KahlenbergT-3 with M-511 whistle control

4.3 Entertainment System

- A. Video Equipment
 - TVs: • Full Kaleidescape system / Full Apple-TV with iPad controls in all guest and crew areas with flat screens throughout.
 - Wireless network and hard-wired network
 - Satellite television throughout the boat and in all cabins.
- B. Audio Equipment
 - Stereos: • State-of-the-art audio-visual systems throughout the boat and in all cabins. All new in refit 2015 at MB92
- C. Wi-Fi Internet Access
 - Both V-Sat and roaming 4G GSM

5. **GALLEY & LAUNDRY EQUIPMENT**

5.1 Main Galley Equipment

Cooking Equipment:

- (2) MKN Hans Dampf Pro Steamer ovens
- (1) Techinox salamander
- (6) Miele cook plates CS1222
- (1) Panasonic NE 1456 stainless microwave
- (3) Heinen Hopman stainless refrigerator
- (1) Heinen Hopman stainless walk-in freezer
- (2) Winterhalter UC
- (1) Dumbwaiter-Main deck pantry
- (1) Broan 8251T-03 trash compactor
- (1) Scotsman AC-45 icemaker

Refrigeration/Freezer:

Dishwasher:

Other:

5.2 Crew Galley/Mess Equipment

Cooking Equipment:

Refrigeration/Freezer:

Other:

- (1) Miele M8151-2 microwave
- (1) Miele FD 9004 refrigerator
- (1) Broan 8251T-03 trash compactor

5.3 Additional Galley Equipment

Cooking Equipment:

Refrigeration/Freezer:

Other:

- (1) Miele M8151-2 microwave (upper pantry)
- (1) Solaire infrared gas BBQ grill (sun deck)
- (1) Miele FD 9004 refrigerator (main deck pantry)
- (1) Miele K 9552ID refrigerator (upper pantry)
- (1) Custom drawer refrigerator (sun deck)
- (1) Scotsman AC45 icemaker in main deck and upper deck pantry and (1) on sun deck
- (1) Nespresso coffee machine (main deck pantry)
- (1) Dumbwaiter (upper deck pantry)
- (1) Carpigianni frozen yogurt machine (upper deck pantry)

5.4 Laundry Equipment

Main Laundry Equipment

- (3) Miele Professional PW6065 Vario washers
- (3) Miele Professional PT7136 Vario dryers
- (1) Miele HN 5310 roller iron

6. TENDERS & TOYS

Tenders:

Other:

Jacuzzi Dip Pools:

BBQ:

- (1) 19' Castoldi jet tender solas (new 2022)
- (2) SeaBob (new 2022)
- (2) Seadoo (new 2022)
- (1) Scandi Aqualine on Owner's deck
- (1) Scandi Aqualine on sun deck
- (1) Solaire infrared gas grill on sun deck

7. DECK EQUIPMENT

Anchor Windlass System:

Aft Warping Capstans:

Anchors:

Anchor Chain:

Boat Crane and Davits:

Passerelle:

Side Boarding Ladders:

Searchlight:

Awning:

Gym Equipment:

- (2) Muir VR1500
- (2) Muir VR1200
- (2) Pool fully balanced 585 kg
- (6) shots of U2 24 mm stud link each side
- (2) 2 meter Ascon/Van Driel
- Cramm
- Cramm hydraulic starboard side
- 9-step Marquip Sea Stair
- (1) Sanshin HRX-150
- (2) Retractable on sun deck
- (1) Fixed over Owner's private seating area forward
- (2) Windbreakers on Bridge deck aft
- Nordic Track Elliptical
- (2) Lemond exercise bikes
- Nordic Track treadmill
- ProElix vibration machine
- Free weights (up to 40kg)

8. SECURITY, FIRE FIGHTING & SAFETY EQUIPMENT

8.1 Security Equipment

- CCTV System: • Elbex
- Cameras: • (7) security
- Monitors: • All around crew quarters

- Ship's Safe: • (7) Total onboard.
- (1) Owner's suite
- (1) Each of the five guest cabins
- (1) Captain's cabin

8.2 Fire Fighting Equipment

- Fire Control System: • Heinen & Hopman sprinkler system
- Fire Extinguishers: • Fixed Co2 in Galley, ER and Jetski pods.
- (22) 2kg powder
- (2) 6kg powder
- (9) 9L foam
- (1) 20kg Co2
- (2) 5kg Co2
- (2) 2 kg Co2
- (1) 9L Chemical foam
- Alarms: • Tyco Minerva fire addressable detection system
- MCS-5 alarm system
- Gas detection alarm for BBQ
- Gas detection for Jet ski pods

8.3 Safety Equipment

- Life Rafts: • Full complement of safety gear to more than comply with Flag, Lloyd's and MCA rules
- (2) 25 persons and (1) 6-persons
- Life Rings: • (10) 2x light and smoke
- (1) self-igniting light
- (7) 30m line
- (2)
- EPIRBs: • Smoke, rockets and flares
- Flares: • Ocean going full Category A
- Medical Equipment: • (30) Oceanco M-20.2 and Drager CF10
- EEBDs: • (30) Oceanco M-20.2 and Drager CF10

9. ACCOMMODATIONS

Sleeps up to 12 guests in the Owner's party in 6 staterooms plus 7th stateroom on lower deck as gym / massage room, plus crew accommodations for up to 13 in 7 cabins

9.1 OWNER

The Master stateroom is on the main deck forward, full beam and is split level.

Entering through a large private office on the starboard side, up a short-fanned stairway to the Master bedroom, providing a 180-degree view of the outdoors. Down the stairs on the port side is the bathroom with Jacuzzi tub and then mid ship is the owner's dressing, with access to both port and starboard. The Master Owner's suite also has a private deck forward with seating and Jacuzzi.

9.2 GUESTS

(3) Double cabins on the lower deck, including 2 with bath en suite, 1 with shower en suite.

(2) Twin cabins on the lower deck, including shower en suites.

(1) Large playroom / gym area. This stateroom has a large storage closet for guest luggage and additional stores.

9.3 GUEST AREAS

The Main Salon features comfortable seating with large floor to ceiling windows on either side.

Walk forward to the starboard side, where there is the guest lobby and staircase, separating the dining room.

To the port side, pantry area for service-through the dining room, and into the galley (access on both sides).

The Dining Room is separated from the main lounge and again, benefits from full floor to ceiling windows.

Forward is a day head and access to the Galley port side forward before a separate door with access to the Master Owner's suite.

The Upper Deck is an active area for the guests, with vista views from the aft circular window, with a semi-circular sofa. To the port side, there is a lovely bar with seating, and to starboard, a gaming table.

The Upper deck lounge leads out onto the aft deck veranda with al fresco dining.

Forward is access to the Captain's cabin, office and bridge.

The Sun Deck has a lovely circular settee and veranda dining, sunbeds, wet bar and Jacuzzi pool surrounded by padded sun pads.

The tenders are stored on the main deck aft.

The bridge has a comfortable central seating area for guests to view the yacht's operations.

There is also a large swim platform lower deck aft, with easy on-off tender boarding, and clever fast launch jet ski lateral lazarettes. (2) Jet skis (one port, one starboard).

9.4 CREW

(1) Captain's cabin with a double bed and en-suite bathroom

(5) Double crew cabins with en-suite bathrooms

(1) Single cabin with en-suite bathroom and office

10. KEY FEATURES

- Top Dutch pedigree by Oceanco with timeless design by the “A” Group
- Accommodations for up to 12 guests in 6 well-appointed staterooms plus gymnasium; master stateroom plus 3 doubles, and 2 twins each with ensembles
- Incredible split-level owner's suite, which includes a private study, dressing room, king bed that faces forward plus private outdoor deck with Jacuzzi
- Fully-equipped gym on lower deck
- Versatile deck spaces for outdoor dining and lounging offering open and shaded options
- Jacuzzi on sun deck (in addition to Owner's private Jacuzzi)
- MTU Power provides cruising speed @ 14.5 knots, and max speed up to 16 knots
- 5,100 NM range at 11.5 knots at economical speed
- Lloyds Classification / MCA compliant
- Quantum zero-speed stabilizers
- GRT 643
- Strong Charter History

11. REFIT SUMMARY

2023/2024

- Exterior Light Fittings: Replaced all 235mm exterior lights with LED fixtures
- Underwater Lights: Replaced 10 lights in the aft
- Main Hydraulic Tank: Drained, flushed, inspected, and filters replaced
- A/C Plant: Completed annual service
- AHUs (Fan Coils): Completed replacement of all units
- Galley Hood & Laundry: Cleaned laundry dryer air extraction fan & vent
- Laundry: Miele completed yearly service of washers and dryers
- Main Engines: Inspected for minor leaks; including overhaul of injectors on both engines
- Hull: Dry-docking with new antifouling and installed zincs
- Cathelco Anodes: Installed new anodes
- Hydraulic Overhaul: Overhauled hydraulic rams on jet ski doors
- Main Engine Exhaust Gaskets: Main exhaust pipes and gaskets replaced
- Main Engine Turbochargers: Turbo chargers inspected & new Gaskets installed
- Diesel Tanks: Cleaned and inspected by Lloyds
- Black & Grey Water Tanks: Cleaned and inspected by Lloyds
- Interior & Deck: Added new beach towels, two sets of cushion covers, and new iPads
- Sound System: Upgraded
- Teak/Caulking: Replaced all exterior teak steps including the swim platform
- Deck and Swim Platform Storage Compartments: resealed and replaced interior compartments and installed new seal on hatches
- Lazarette: Reorganized aft lazarette, removed toolbox, and making shells for batteries
- Bridge: Installed new PC with Navionics System

2022/2023

- Hull and superstructure polished and coated, the original paint came back to 98% of the original paint
- Below waterline was brought back to bare metal and recoated and 2 coats of anti-fouling
- New Castaldi 19' SOLAS tender
- Teak deck repairs including replacement of teak in numerous areas
- Major Overhaul port & stbd generators
- Main engines fully serviced including new injectors
- Exhaust system upgraded
- Numerous technical improvements to systems, deck repairs and electrics
- Gangway and side boarding letter extensive repairs and upgrade (upon delivery last year did not operate properly)
- Surface Treatment and preservation - lockers, removal of rust and further touch up to various areas
- Improved audio-video AV/IT equipment
- New professional custom-built galley including 2 new ovens and all new cutlery
- New outside furniture cushions etc. including 4 Tucci umbrellas and custom built-in sofas on the sky-lounge deck.
- New bar area in sky-lounge with wine cooler, icemaker and fridge ample storage has been created.
- Upgraded Wi-Fi system
- 2 New Jacuzzis
- New Tecnogym equipment
- New carpet throughout
- New TV's Samsung throughout including 3 x 65'
- New mattresses top of the line in all staterooms and crew quarters
- Dining Room furniture new throughout
- New sofas in main salon and sky-lounge
- New marble in bar area in sky-lounge
- All furniture in owner's stateroom replaced including study with new desk and chair
- New curtains throughout
- New Seabobs (two) and old 2 jet skis painted and serviced fitted with Bluetooth
- Fun-air floating swimming pool
- New outside covers throughout
- New glass ware, plates and crockery for owner/guests (OFE)
- New artwork (OFE)

2019

- Main Engines: W4, rebuilt the heat exchangers, rebuilt after coolers & borescope / NDT for class
- ZF: endoscopic examination A3 service
- Generators: W4, new heat exchangers, sea water pumps, thermostats, new vibration mounts, new AVR, borescope investigation for class
- Refrigeration Plant: new compressors, new evaporators, new control board and new refrigeration lines. Completely removed 20-year old system and updated to be 2020 compliant
- Under Water Lighting: New underwater lights LED upgrade
- Stabilizers: Major overhaul 8000 hrs service from Quantum.
- Watermakers: Completely rebuilt the entire system. New membranes on both units
- Fresh Water Plant: Overhaul of the entire system. New cold & hot distribution manifolds, both boilers complete overhauled, all hot water circulators replaced, (3) new GROHE water filtering system for drinking water (no plastic, environmentally friendly), (2) instant boilers in pantries, new Hydrophore pressure tank in stainless steel, fresh water tank painted and (3) new fresh water pumps
- Fire Sprinkler System: new distribution manifold with test valves, new pump and motor, and new control board on bridge
- Bilge & Fire Pumps: both rebuilt with new motors
- Tanks: All cleaned and inspected by Lloyds
- Deck Crane: 10-year service. Complete overhaul. New belts, breaks, falls etc.
- Electric: megger test of motors and heaters, discharge curve for each batteries group
- Wi-Fi: Antenna and 4g system upgraded to Poynting antennas with new Pep wave cellular routers (increased range & speed)
- Phone System: New phone system installed in all cabins, common areas and technical spaces
- Main Engine Start Batteries replaced
- Alfa Laval: major service
- Black Water Plant: Complete overhaul of entire plant. All pumps rebuilt
- Grey Water Plant: grey pipeline circuit cleaned
- 20 Year Lloyd Survey: Tail Shafts overhauled by manufacturer, Rubber Design. Hull thickness measurement, all through hull valves overhauled and tested, all bilge and fire manifold valves in Engine Room overhauled and tested. Noise and vibration test, main electric distribution board cleaned & insulation tested

2018

- Anchor: (2) NEW
- Main Engines: complete repainting
- Engine room: Deck plates powder coated
- Windlasses: both rebuilt
- Watermakers: HP pumps both rebuilt
- Tanks: cleaned and inspected
- E. Room Ventilation Fan: new installed
- Generator start batteries replaced

2016

- Main Engines: W6 major overhaul
- Generators: W6 major overhaul

2015

- 15-year Flag and Class survey
- Air Conditioning: New plant installed by Heinen & Hopman
- Painted hull



MAIN DECK SALON



SKY LOUNGE



DINING



SKY LOUNGE BAR



STAIRWAY



MASTER SUITE MAIN DECK



MASTER EN SUITE OFFICE



MASTER EN SUITE



DOUBLE CABIN 1



DOUBLE CABIN 1 EN SUITE



DOUBLE CABIN 2



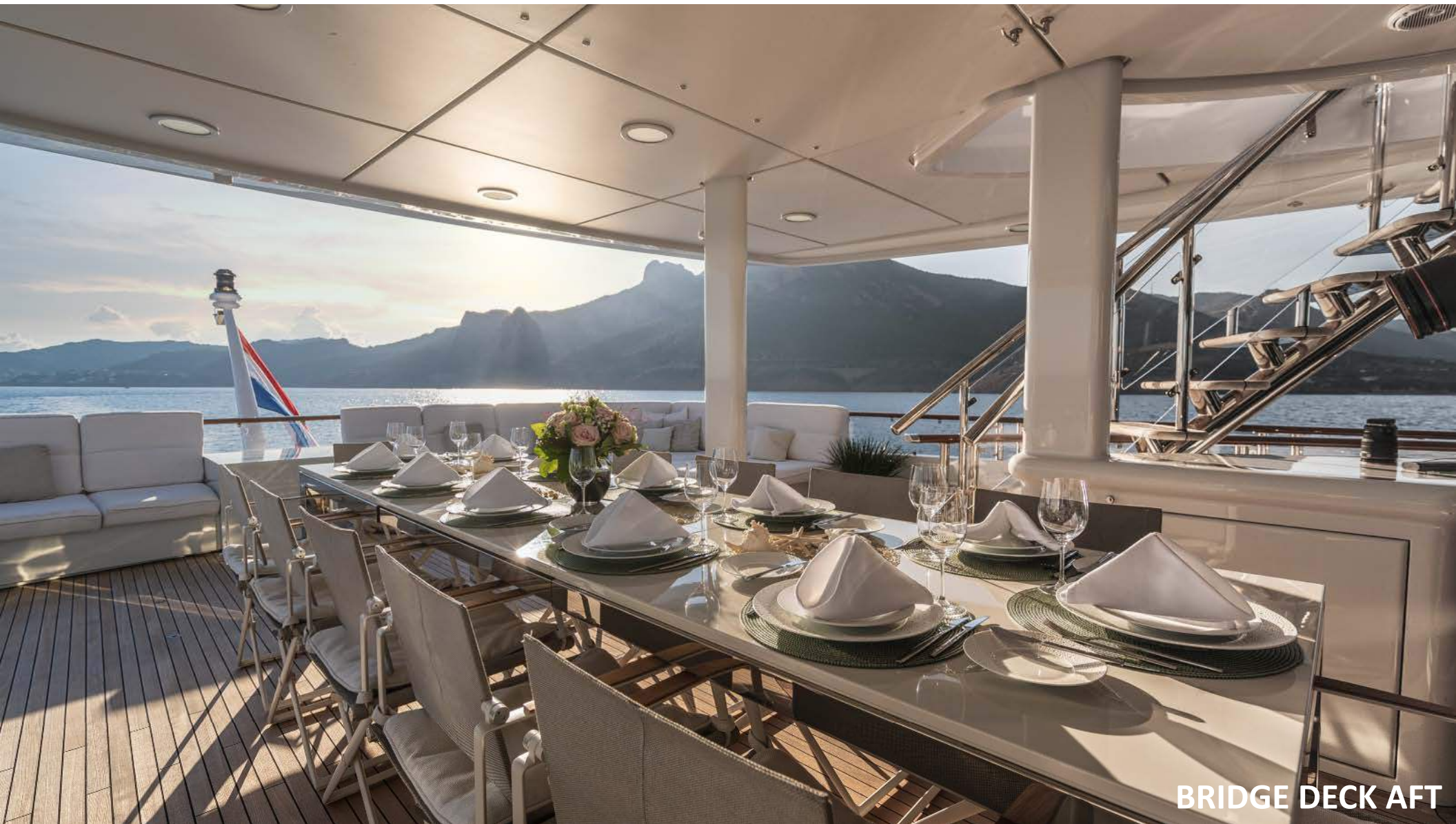
DOUBLE CABIN 3



MASSAGE ROOM



KITCHEN



BRIDGE DECK AFT



BRIDGE DECK AFT



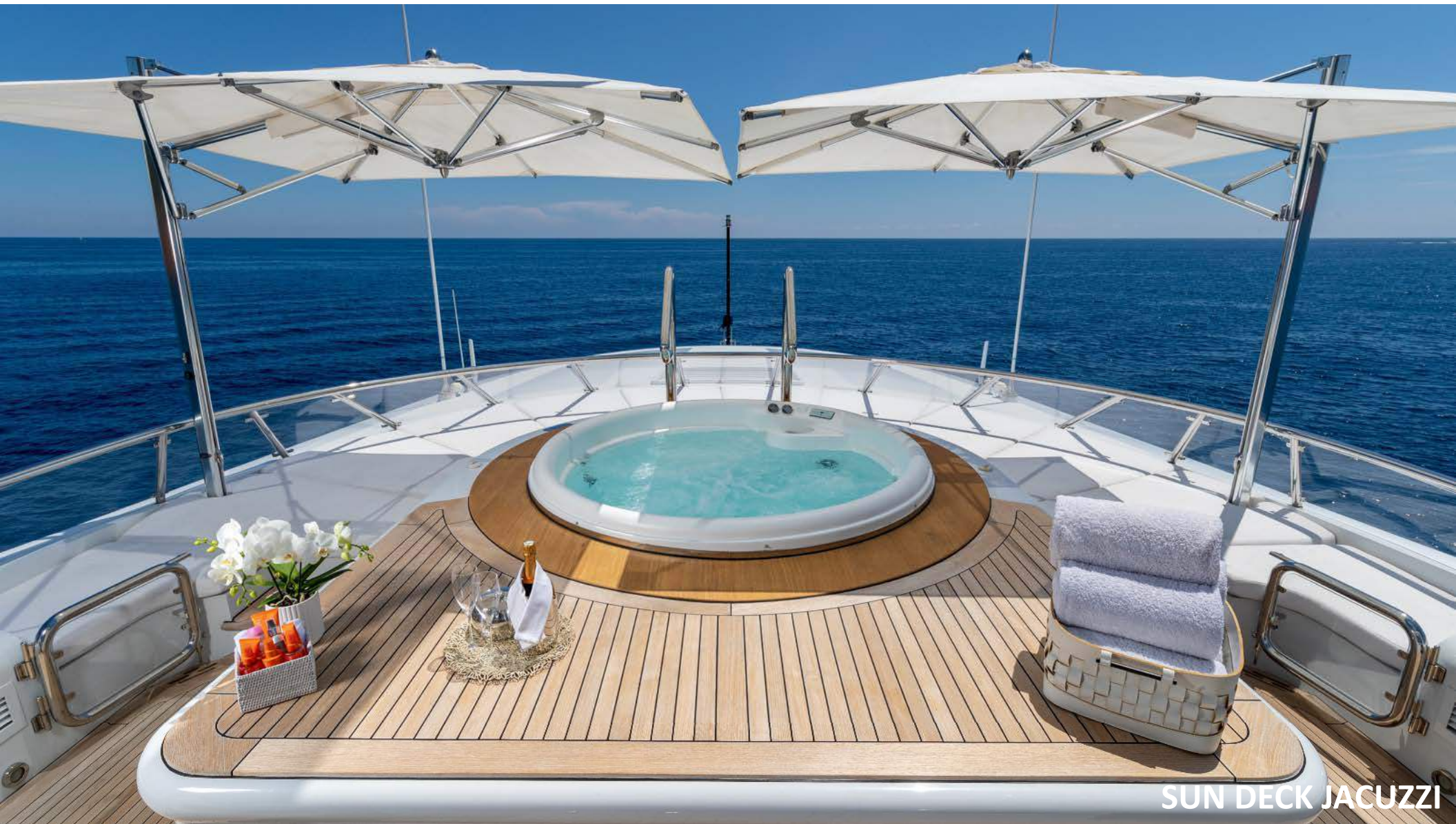
MAIN DECK AFT



JACUZZI



JACUZZI



SUN DECK JACUZZI



SUN DECK BAR



SUN DECK



SUN DECK



SUN DECK GYM



THE BRIDGE



WATER TOYS



WATER TOYS



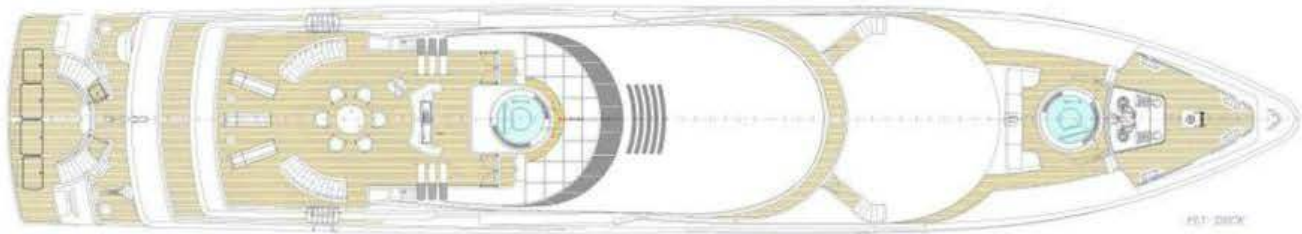
WATER TOYS



WATER TOYS



WATER TOYS



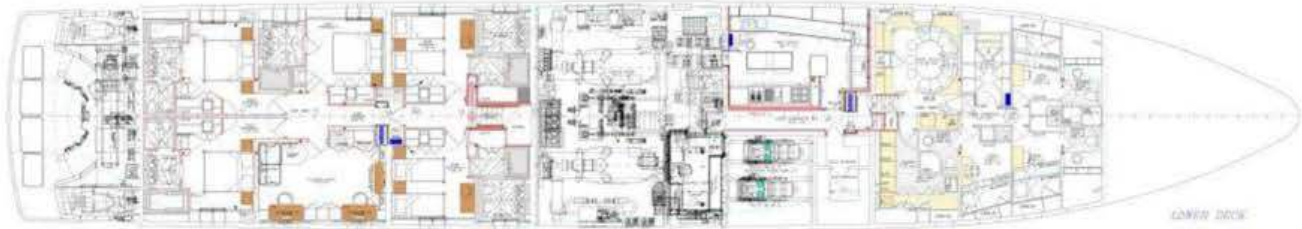
1ST DECK



UPPER DECK



MAIN DECK



LOWER DECK



"All speeds, capacities, consumption, etc. are approximate or estimated; measurements can also be approximate. Specifications are provided for information only and particulars herein obtained from sources believed to be correct, but are not guaranteed. Buyer should instruct his agent and/or surveyor to check all details for accuracy. Offered subject to prior sale, price and/or inventory change, or withdrawal from the market without notification."

