



Moon River 2024

Moonen 84 - MOON RIVER

BRAND & MODEL	Moonen 84 - MOON RIVER
DESIGN	René Van der Velden - The Netherlands
YARD	Moonen Shipyards - The Netherlands
YEAR	2003 - Refit 2009 / 2019 / 2023
MATERIAL	Steel hull and aluminium superstructure
DIMENSIONS ±	Length: 25.75 x Beam: 6.67 x Draft min: 1.80 meter.
MAIN ENGINES	2 x 480 Hp/354 kW Caterpillar
OWNER + GUESTS	9 berths in 4 cabins
CREW	3 berths in 2 cabins
LOCATION	Antibes, French Riviera
ASKING PRICE	€ 3,300,000,- NEW reduced price € 2,900,000,-
VAT SITUATION	VAT Paid

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Moon River 2024

1. INTRODUCTION

An extensive refit at the Moonen Shipyard was completed in 2009. This in depth refit, which was more or less an rebuilt, saw works carried out to mega yacht standards. New generators – the introduction of zero speed stabilizers – engine room and technical services refit – new integrated bridge – exclusive new interior re- decorating, styled by Art-line - new media, audio and television - new crew accommodation. The yacht is ready to cruise blue waters and inland waterways. She has is in truly impeccable condition, absolutely the “best Moonen yacht in her series or size”.



Moon River 2024

1. GENERAL SPECIFICATION

DIMENSIONS

loa.: ± 25.75 m
 length hull: ± 25.75 m
 lwl.: ± 23.15 m
 beam: ± 6.67 m
 draft: (minimum) ± 1.80 m
 air-draft: (minimum) ± 8.10 m

Displacement: ± 115 tons
 Nett Register tonnage: ± 86 tons
 Gross tonnage: ± 106 tons

PERFORMANCE

Maximum speed under power: ± 13 knots @ 1800 rpm
 Cruising speed under power: ± 10 knots @ 1350 rpm

Range and Consumption;
 ± 2133 NM at cruising speed: ± 75 l/hr. /both engines
 ± 3650 NM at 8 knots speed: ± 35 l/hr. /both engines
 consumption at Max. speed: ± 165 l/hr. /both engines

Max. range is indicated including one generator under gentle weather conditions.

TANKAGE

Fuel: $\pm 16,000$ Litres
 Fresh water: $\pm 3,200$ Litres
 Grey water: ± 400 Litres
 Black water: ± 500 Litres

FLAG REGISTRATION MEASUREMENT CLASSIFICATION

Dutch
 Dutch
 Maltese tonnage certificate.
 Lloyd's hull certificate.

3. CONSTRUCTION

YEAR	Launched: 2003 Refit / Rebuilt : 2009
BUILDER/CONTRACTOR	Hull : Moonen Shipyards - The Netherlands Interior: Moonen Shipyards - The Netherlands Installations: Moonen Shipyards - The Netherlands Building NR 178 Builders identification plate/certificate.
ARCHITECT	Construction: Moonen Shipyards - The Netherlands Interior: René Van der Velden - The Netherlands
HULL	Heavy displacement, round bilged, transom stern construction with integrated bath platform, raked bow and bilge keel. Built in Grade A shipbuilding steel 7, 6 and 5 mm with framing each 50 cm. Four watertight sections by three bulkheads, of which one has watertight door and one has watertight emergency hatch. Two 6 mm steel spade rudders. Stainless steel docking bumper strips, fairlead holes, anchor chain pipes, and anchor hull-shell pockets. Stainless steel bow protection plate (New 2009). Stainless steel protection plate under anchor pocket extended (Refit 2009).
SUPERSTRUCTURE	Built in 5 mm seawater resistance quality aluminium. Aluminium connected by TRICLAD to the steel hull. Aluminium radar-arch, top section can be hydraulically lowered (New 2009).
	
DECKS	Steel main deck and aluminium upper deck. Overall decks covered with 15 mm teak over a marine plywood under-layer in a bedding compound. Teak on foredeck replaced, teak on platform and stairs to main deck replaced at refit 2009.
OTHERS	Aluminium window/escape hatch in front cabin with insect/blind screen and escape ladder.

	Stainless steel fittings, bollards, hand and sea railings. Fore deck bench covered with teak.	
WINDOWS	Windows with 10 mm tinted hardened glass outer pane, 6 mm gap and 6 mm hardened glass inner pane. Wheelhouse front windows not tinted, side windows tinted. VETUS heavy-duty window wipers with interval, freshwater wash and demisting system.	
PORTHOLES	SCM with stainless steel frame and hardened glass, of which all opening and with insect screens.	
TANKS	Fuel	Six steel double bottom tanks with inspection manholes. Day tank of ± 500 litres Electronic capacity meter and alarm connected to MPA.
	Fresh water	One steel double bottom tank with inspection manhole. Sandblasted and new painted with Jotun paint system (Refit 2009). Electronic capacity meter and alarms connected to MPA.
	Grey water	Two stainless steel double tanks with inspection manholes. Acoustic alarm connected to MPA.
	Black water	One steel double bottom tank with inspection manhole. Sandblasted and new painted with Jotun paint system. Built in flushing pipe with General service pump (Refit 2009). Electronic capacity meter and alarms connected to MPA.
	Tender Fuel	Box underneath arm of crane with 3 x 20 litre fuel in stainless steel cans.
INSULATION	Thermal	Superstructure and hull down to waterline insulated by Rockwool and aluminium foil.
	Acoustic	As per anti noise and vibrations specialists advice, saloon ca. 65 dB sailing – 45 dB harbour. Engine room anti noise materials down to waterline Rockwool with aluminium sheeting. Whole accommodation rubber suspended from hull. Installations in engine room where required mounted on rubber sockets. Anti- vibration plates epoxy glued to the engine room bulkheads, deck and above propellers.
PAINT SYSTEM	Superstructure last painted in 2009. Colour off-white. AWL Grip paint system. Yearly touch up. Hull last painted in 2009. Colour off-white. AWL Grip paint system. Underwater hull last antifouling painted in april 2020. Paint system JOTUN Antifouling Sea Quantum Ultra Blue.	

4. ENGINES & PROPULSION

MAIN ENGINES	Twin CATERPILLAR 3406 DE-TI diesel engines, commercial built for ship-custom upgraded intake system, built year 2002. Continuous rating ca. 480 Hp / 354 kW each at 1800 rpm. Engines with turbo charging, heat exchanger and water injected stainless steel exhausts with new 2014 GRP water lock . Separate bilge under main engines. 24V alternators on both engines. Dirty oil pump connected to Main Engine Gear Boxes and Generators for easy oil change.
MONITORING	By conning system and by 2 x Maretron in wheelhouse and 2x Maretron on flybridge and analogue backup at engine room. Start and stop controls/alarms at steering position wheelhouse, flybridge and engine room. Fully upgradarded to the standards of 2020 , Screens replaced.
CONTROL SYSTEM	MANNESMANN REXROTH electronic, Mini-Marex-C System, Mini Marex 2 Engines 3 Stations-synch (throttle controls in wheelhouse and flybridge, remote control connection at aft deck).
GEARBOXS	TWIN DISC MG 5114 SC hydraulic gearboxes with emergency magnets, reduction 2.54 : 1 installed with separate oil cooling heat exchangers and RUBBER DESIGN Flexi-shaft couplings/vibration dampers.
PROP SHAFT	RUBBER DESIGN oil bathed steel propeller shafts. Automatic shafts greasing system. Custom made oil bath for the seals (sea side) (Refit 2009). TEIGNBRIDGE 5 blade bronze propellers. In 2020 the exhaust overboard system has been upgraded, pipes and valves have been installed, making it possible to discharge below and or above the waterline, under quidance of Caterpillar.

5. MACHINERY

GENERATORS	2 x 28 kW KOHLER generators in sound shield boxes. (52 kW parallel running) (New 2009) HALYARD fibreglass whisper type exhausts with water lock and separator. Start and stop controls at wheelhouse and engine room. Automatic stop for high cooling water temperature, low oil pressure.
AIR-CONDITIONING	CLIMMA three stage chiller unit approx. capacity 130.000 BTU. CLIMMA air handlers with magnet drive maintenance free cooling pump. System calculated that at an outside temp. of ca. + (35)° C an inside temp. of ca.+ (25)° C can be achieved, by a seawater temp. of ca. + (25)° C. Fresh air ventilation system for each cabin controlled by MPA. All fancoil units NEW. (Refit 2009).
HEATING SYSTEM	KABOLA B25 diesel central heating connected to fan coil units of the air-conditioning system and hot water boiler (Refit 2009). Heating system calculated that at an outside temp. of + (10)° C an inside temp. of ca. + (25)° C can be achieved.
HYDRAULIC POWER PACK	CRAMM hydraulic system with two PARKER pumps installed on main engines. (Main service in February 2011 by Hydrauvision, Holland)
BOWTHRUSTER	CRAMM DPC 50 , 38 kW hydraulic bowthruster with wheelhouse and fly-bridge control.
ZERO SPEED STABILIZERS	New Zero Speed Stabilizer System (Refit 2009). NAJAD MARINE Model 525 Stabilizer with datum control system and stabilization at anchor, controlled in wheelhouse.
STEERING GEAR	CRAMM hydraulic steering installation with manual-hydraulic and electrical-hydraulic FU-tiller, autopilot in wheelhouse and flybridge. Manual emergency operation in lazarette by tiller (Refit 2009).
AIR COMPRESSOR	DURR 24V compressor for toilets. 220 V compressor for emergency and air connection lazarette.
DIVING COMPRESSOR	BAUER Junior II (Refit 2009).

6. SYSTEMS

MANAGEMENT SYSTEM MPA

ALPHATRON Touch screen 15" Screens replaced 2020 x wheelhouse, 1 x captain's cabin, 1 x crew hall. TIJSSSEN Monitoring System, latest upgrde 2020 Indicating and functional control of all systems including generators, alarms, tank level, etc. to operate within the following menus: Power plant, Systems, Trends, Lights, Auxiliary. Emergency switch 24V and emergency switch 220V. E-WON Module to operate through Tijssen via wifi.

FUEL SYSTEM

Double RACOR fuel filters with water sensor between main and day tank after transfer pump. RACOR fuel filters with between day tank and consumers. Day tank with automatic filling and low level alarm connected to MPA. Manifold with valve connections to all tanks. One fuel transfer pump and hand pump. Fuel system with ALFA LAVAL type MIB 303S fuel separator with alarms connected to MPA.

WATER SYSTEM

Fresh water from ashore; KINETICO CC208c Softener and HEM chlorine dosing system (Hadex). 2 x 24V SPECK hydrophore with pressure tank and filter between tank and hydrophore. Big Blue 2 x 20micro filters. UV Sterilizer WEDECO Maxima 4. (Refit 2009). HEM type 20/1200 watermaker, max. capacity 4500 L/day. Hot water system by 250 litre GIANNESCHI boiler, electrical heated 2 x 3 kW (400V) or heating by Kabola heating system. (Refit 2009). Circulation system for immediate hot water tap. Hot/ Cold water shower at bathing platform and tap at flybridge wetbar.

SEWAGE SYSTEM

Grey water; Each grey water tank with REINSTROHM 24V M50E pump, automatic/manual direct overboard. Black water; HAMANN Super Mini sewage treatment system, capacity ± 60 L/hr (New 2009). Black water tank with JOHNSON 400V/ 3 phase manual or MPA direct overboard. Suck out connection on Stb side in filling locker. Toilets: 1 x VETUS (July 2011), 1 x TECHMAR (Refit 2009), 4 x MICROPHOR Microflush toilets.

BILGE SYSTEM

One RHEINSTROM 24V M50E electric heavy-duty pump and one RHEINSTROM hand pump. Custom upgrade to all Rheinstrom pumps, bronze gearings and housings. Manifold for bilge sections, direct overboard, grey/black water tank discharge exchangeable by-pass back-up system controlled by MPA with general service pump. Lazarette with separate bilge pump RHEINSTROM M50E, with automatic or manual start (water sensor) acoustic alarm on MPA.

DECKWASH & J FIREFIGHTING SYSTEM

OHNSON 400V/3 phase general service pump, exchangeable back-up system with bilge system. Sea water system with outlets on fore deck and at filling station in the PS side. Anchor wash.

VENTILATION

Engine room:
400V/ 3 phase SALOR engine room ventilation system with speed control and remote controlled fire shutters (SOS Station crew hall). Moist eliminator (Refit 2009).

Accommodation:
Natural air inlet ventilation system to the fancoil units in the owners/guest cabins and laundry, controlled by MPA. Automatic exhaust ventilation system controlled by MPA for all bathrooms/toilets/laundry and outside lockers. (New 2009).

ELECTRICAL SYSTEM

Professional electrical installation in accordance with the current super-yacht construction standard. Main switchboard (MSB) with switches, fuses, relays and meters in engine room. Distribution boxes with switches and fuses on the bridge, in the engine room and forward and aft part of the yacht. Voltage/ Ampere and low voltage/ alarm/ charge/ discharge etc. controlled by MPA.

24/220V receptacles.

Shore power 400V 3P/Generators: All start/stop, take over and synchronising can be done automatic by MPA, semi-automatic by MSB or manual by MSB (Refit 2009).

Voltage 12/24V DC.
 220/380V-50Hz AC 3 phase.

Batteries Start set:
 1 x 24 V main engine and generator start set SB, consisting of OPTIMA 24 start battery. 1 x 24V main engine and generator start set PS, consisting of OPTIMA 24 start battery. Seaworthy stowed in box in engine room. Emergency switch between SB set and PS set.

Service set:
One 24V - 900Amp/h service battery bank consisting of OLDHAM traction batteries. Batteries with automatic filling device with a central reservoir. Seaworthy stowed in box in engine room.

Emergency set:
4 x 12 V Batteries AGM 200 AH. Seaworthy stowed in box in Flybridge seat on SB side. For all parts of navigation, fire detector, sliding door, telephones, hull valves, etc. (Refit 2009).

Generators

2 x 28 kW KOHLER 28 EFOZD generator in sound shield box.

Chargers	Two alternators on the main engines to serve the service battery set. Two alternators on the generators to serve the starter battery set. 1 x MASTERVOLT 24/100 (slave to charge service set (Refit 2009. 1 x MASTERVOLT 24/100 to charge service set. 1 x MASTERVOLT 24/15 to charge starter battery sets. 1 x MASTERVOLT 24/50 for emergency battery set (Refit 2009.
Inverters	1 x Mastervolt Dakar sine 24/5000 in engine room for part of illumination and the refrigerator etc. 2 x MASTERVOLT 24/1500 in wheelhouse for computers etc.
Shore power	Shore converter ASEA AC 54/3 (Refit 2009. One shore power 400V/ 3 phase – 125 Amp complete with 3 cables with a total length of 40 m (New 2009. One shore power 230V/ 1 phase – 16 Amp complete with cable to charge battery sets, upgraded 2020.
Lighting	12V, 24V and 230V includes halogen dim spots, indirect cove ribbon lighting and emergency lighting. TL-lamps in engine room. All outside lights on deck and gangways, step lights, name lights are controlled by MPA.

7. DECK EQUIPMENT

ANCHOR WINCH

2 x Single MUIR 4500 hydraulic capstan model with chain wash stainless steel chain stoppers and Devil's claws (New 2009). Controlled by remote control and foot switch. Also possible to control by touch screen in wheelhouse and on flybridge. 2 x 95 Kg galvanised anchors, type Pool-N stowed against stainless steel hull-shell pockets. 2 x 120 m galvanised anchor chains of 13 mm short link (New 2009 additional 40 m from 80 to 120 m).



CAPSTANS

2 x CRAMM type CK 1000 hydraulic on aft deck with foot switch.

TENDER CRANE

Besenzoni hydraulic crane with lifting capacity of 600 kg and jib length of 3.00 m. Load test at Refit 2009.

COVERS & CUSHIONS

Covers	Covers for tenders, crane, rowing machine, tables, anchor winches and instrument panel on fly-bridge.
Bimini	Over fly-bridge fore and aft mast.
Cushions	For deck locker seats and sun mattresses

OTHERS

Fenders	8 POLYFORM fenders. 2 balloon fenders.
Mooring lines	various as present.

8. ACCOMMODATION & LAY-OUT

DECK

See plan. Spacious and comfortable with stainless steel stanchions and railing on top of steel bulwark, total height 87.5 cm above deck to ensure maximum safety.

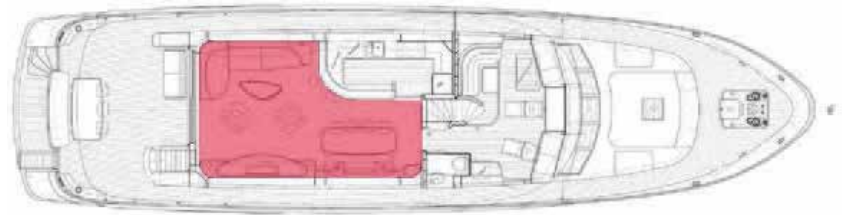
INTERIOR LAYOUT

See plan. Spacious and comfortable. Ventilation/escape hatch in front cabin with insect/blind screens and emergency escape ladder.

INTERIOR JOINERY & DECORATION

The interior is excellently built of red cherry wood with silk gloss varnish. Luxury pure wool carpets throughout the Yacht in beige and royal blue. Carrera marble finishing in bathrooms. Marble galley surfaces. Owners bathroom floor and crew shower floor heated. Free standing furniture with beige leather by Rolf Benz. All sofas with Alcantara or suede or leather. Stainless steel or chrome joinery and fittings. Mattresses on slatted bases. All ceilings covered with beige Alcantara. Curtains of pure cotton or raw silk. Electrical sunblinds inside wheelhouse, controlled by MPA (Refit 2009). Sleeping accommodation for owner and a total of 9 guests in 4 cabins.

SALON



Comfortable and elegant set up with excellent full headroom up to ± 205 cm. Large L-seat sofa with storage underneath (Refit 2009), two easy-chairs and saloon table. Dining table with built-in four persons sofa and four seats. Electric controlled black blinds and curtains.

Built in cupboard with lift for TV. Hi-fi set. Full glass electric sliding door (Refit 2009) with heavy weather compressed air seal give easy access and visibility to the spacious aft deck with custom teak furniture.



Inventory:

Paintings

Artwork

Lowerable built-in Sony Bravia TV - DVD - Decoder

B&O Sound system – CD

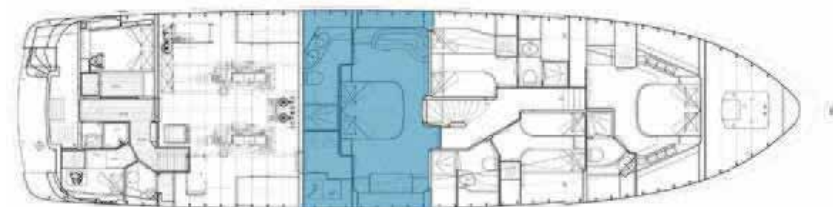
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OWNER CABIN



Cabin with excellent full headroom up to ± 200 cm. 2-persons bed of ± 200 cm length, custom made mattresses (New2012), lockers, drawers, dressing table wit chair and sofa.



Inventory:

B&O TV

Included

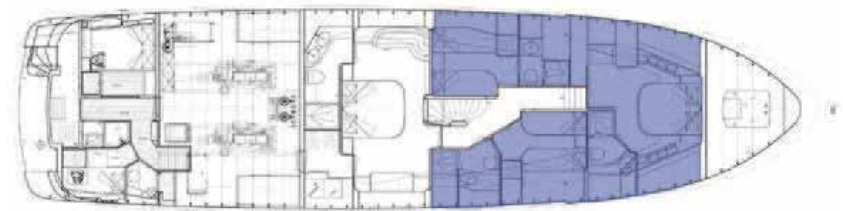
B&O Sound system – CD

Included

OWNER BATHROOM

Spacious and luxury en-suite bathroom with double washbasin, Microfor Microflush LF 210 fresh water toilet and separate shower with glass door. Marble floor with floor heating. Towel heater.

GUESTS CABINS



Offering berths for a total of 7 guests excluding owner cabin. One spacious cabin with excellent full headroom up to ± 200 cm. persons bed of ± 200 cm length with lockers, dressing table and chair, en-suite wardrobe, en-suite bathroom with marble floor, Microfor Microflush LF 219 fresh water toilet and shower with glass door.



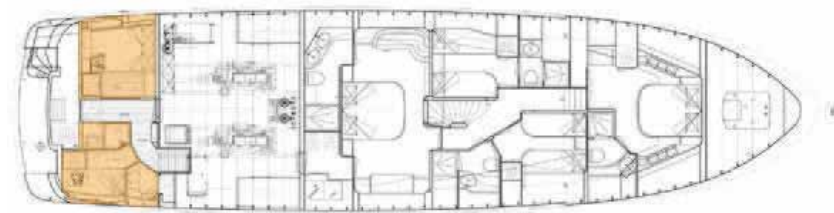
Two cabins with excellent full headroom up to ± 200 cm.
Twin cabins with 2 single beds of ± 200 cm length, with locker and en-suite bathroom with marble floor, Microfor Microflus LF 219/ Vetus WCS (Juli 2011) fresh water flush toilet and shower with glass door. On SB possibility to fix a third bed.



Inventory:
Each cabin B&O TV
B&O Sound system – CD

Included
Included

CREW CABINS



Crew/Lazarette completely redesigned during Refit 2009.
Offering berths for a total of 3 crew.

One cabin with excellent full headroom up to ± 200 cm.
Double bed of 200cm length with lockers. Including MPA, 19" screen for chart/conning/radar, TV/DVD/Radio.

One cabin with excellent full headroom up to ± 200 cm.
Single bed of ± 200 cm length with locker.

Separate shower with washbasin.
Separate electric fresh water flush toilet.

Inventory:	
One B&O TV	Included
B&O Sound system – CD	Included

DAY LAVATORY

Located at main deck with Microfor Microflush LF 219 fresh water flush toilet and washbasin with marble floor.

STEERING /NAVIGATION STATIONS

In separate wheelhouse with excellent full headroom up to ± 205 cm. Fully enclosed with good visibility and direct access to maindeck and Fly-bridge. Professional/commercial instruments set-up for easy readability and Yacht's control. Lockers for manuals and sea-charts. Chart table, helmsman seat, observation seat and guest sofa with table. Lift-down TV mounted in ceiling. REXROTH aft deck remote driving position.

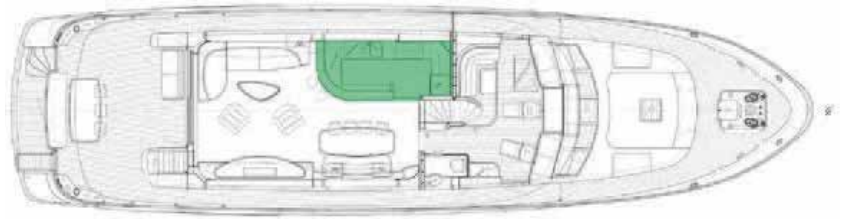
Inventory:	
Lowerable built-in Sony Bravia TV	Included

FLY-BRIDGE 2nd STEERING STATION

Fantastic open air steering and observation position with good visibility and glass windscreen in stainless steel framing, redesigned in 2009. Complete with helmsman seat and guests seat. Logically instruments set-up for easy readability and yacht's control.

Inventory:	
Built-in Ever Vue TV	Included

GALLEY



Open galley centralised located amidships with excellent full headroom up to ± 205 cm. Good storage space and lockers. Stainless steel sink and marble working top.

Inventory:

Pots & pans	Included
Crockery	Included
Glasswork	Included
Cutlery	Included
Coffee machine	Included

LAUNDRY

Washing machine and dryer in walk-in wardrobe owners cabin (New 2009).

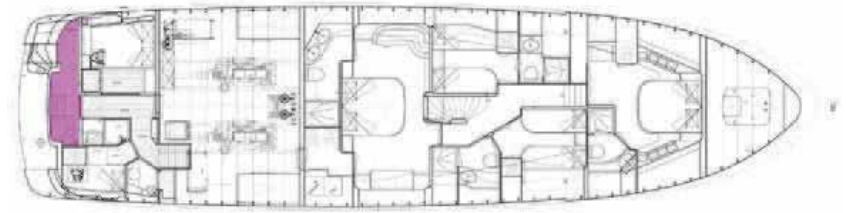
ENGINE ROOM

Professional, clean/ and spacious walk-around set-up with excellent full headroom up to ± 200 cm. Entrance by interior watertight door and emergency exit by watertight hatch to owners cabin. All installations and equipment where required flexible mounted. All heavy duty installations easy accessible. First class piping with flow indication and labelled closure valves. Pipework and exhausts with upgraded anodic protection. Many materials, fittings, etc. have been executed in stainless steel. 2 x sea inlets protected with CATHELCO anodes. All sea inlets/outlets with electro valves controlled from wheelhouse. Saltwater pipe work renewed by refit 2009 in FUSIOTHERM. 2 x SAMSUNG Dome cameras controlled by MPA. Polished stainless steel railing around the main engines. Aluminium anti-slip profile floor-plating with hatches. Electric ventilation with moist eliminator and fire shutters.

FOREPEAK

Completely new designed by refit 2009, sandblasted and painted with JOTUN paint system. Accessible by manhole type watertight hatch from deck. With storage space for mooring lines, fenders and side-gangway. Upgraded air ventilation controlled by MPA. 50 m rolled water hose connected to freshwater system.

LAZARETTE



Completely new designed by refit 2009.
 Accessible by watertight door in stern with storage space for fully dive equipment for 2 persons, dive compressor, bicycles, very good access for steering gear. Separate storage place.
 Fixed in water softener, watermaker with sand filter and membranes, chlorine dosing pump and sea stairs.



AFT DECK

Spacious dining area with built-in sofa, table and chairs. New built in two seat sofa near sliding door (Refit 2009).

Inventory:
 Deck chairs
 Table
 Cushions

Included.
 Included.
 Included.

BOAT/SUN DECK

Easy accessible spacious area with seating area, sun beds and wetbar with integrated refrigerator, grill, hot/cold water tap and cooling box under steering seat. Water tight TV, sound system.
 One foldable table for 8 persons and 1 table for 4 persons.
 Covered by bimini fore and aft.
 Redesigned and rebuilt in 2009.

BATHING

By integrated teak transom bath platform with removable stainless steel swimming ladder. Teak on platform and stairs to main deck (New 2009). Hot/ Cold water shower.

BOARDING

Remote controlled BESENZONI type Star 200 hydraulic passerelle with an extended length of 3.50 m against the stern. MARQUIP type Seastair accommodations ladder (side gangway).

9. DOMESTICS

REFRIGERATORS	1 x MIELE KF K 9752 iD front load model in galley (New 2009). 1 x WEACO at fly-bridge. 1 x Cooling box fly-bridge (New 2009).
FREEZER	2 x MIELE F623 (New 2009).
COOKER	MIELE KM 5993 Induction 5 plate (New 2009).
OVEN	MIELE H5140 B (New 2009).
GRILL	AEG FM 6800 TYAN in wetbar (New 2009).
COOKER HOOD	AEG DD 8795-m (New 2009).
DISHWASHER	MIELE G-656 SCI Plus
WASHING MACHINE	MIELE W3985 WPS (New 2009).
DRYER	MIELE T 8685 C (New 2009).
VACUUM CLEANER	Built in vacuum cleaning system.
TRASH COMPACTOR	ISE 8251 trashcompactor
OTHERS	Espresso machine JURA Impressa Z5

10. NAVIGATION EQUIPMENT

ALL ALPHATRON NAVIGATION EQUIPMENT IS IN A PROFESSIONAL COMMERCIAL WAY LINKED WITH EACH OTHER ('INTEGRATED BRIDGE').

NAVIGATION LIGHTS	Type as per international rules.
COMPASS	ALPHATRON Gyro Compass Alphaminicourse V2 (New 2009). Alphacourse MF Wheelhouse ceiling (New 2009). 1 x CASSENS & PLATH magnetic compass, wheelhouse (year 2003).
LOG	ALPHATRON BEN Blind Anthea 03MU002-E (New 2009).
DEPTH SOUNDER	ALPHATRON JRC FF60 (New 2009).
METEOSYSTEM	ALPHATRON Alphameteo Wheelhouse ceiling (New 2009).
NAVTEX	ALPHATRON JRC, NCR 333 with printer (New 2009).
RADARS	ALPHATRON Sea Radar JMA-5210-6 BB (New 2009). LPHATRON River Radar JMA609-7 (2009)
CHARTSYSTEM	ALPHATRON Transas ECDIS Navi Sailor 4000 World TX (2009)
POSITIONING	2 x ALPHATRON DGPS JRC, J-NAV 500 (New 2009).
AIS	ALPHATRON Transas Class B Transponder (New 2009).
AUTO PILOT	ALPHATRON Alphaseapilot MFC wheelhouse and fly-bridge (2009)
RUDDER INDICATOR	ALPHATRON Alpharudder MF, Wheelhouse ceiling and repeater ... on fly-bridge (New 2009).
RATE OF TURN INDICATOR	ALPHATRON Alphaturn MF, Wheelhouse ceiling
SEARCHLIGHT	SANSHIN type HR-1012 U on the mast with remote control from the wheelhouse and fly-bridge.
HORN	Air compressor type.
MARETRON SCREEN	2 x Wheelhouse, 2 x Fly-bridge. Multi-function Color Graphic Display DSM 250 NMEA 2000. Linked to navigation and main-engines data.
19" SCREENS	3 x Wheelhouse, 1 x Captain cabin, 1 x Fly-bridge. All screens are linked to Sea Radar (overlay), River Radar. Chart system, Navtex and Conning.
TOUCH SCREEN INTEGRATED IN FOLIE PANEL	2 x Wheelhouse with menu: Anchor, FM and GPS, Window Wipers, Screen Selection. 1 x Fly-bridge with menu: Anchor, FM and GPS, Lights, Screen Selection and Mast.
SEA CHARTS	Included.
NAUTICAL BOOKS	Included.
OTHERS	WEMPE barometer and Clock & Digital marine Barograph.

11. COMMUNICATION

VHF	2 x ALPHATRON Sailor RT 5022 with GMDSS in wheelhouse (New . 2009). 2 x ALPHATRON Sailor CU 5000 Fly-bridge. Portable; 3 x ALPHATRON ICOM IC-M87.	
UHF	Portable; 3 x ALPHATRON ICOM IC-F61 with headphone and microphone.	
PHONE	ALPHACONNECT 48 Telephone exchange / PA integration for	
-GSM ERICSON W25		
-2 x IRIDIUM		
-1 x Mini M		
-Intern in every cabin, salon, wheelhouse, engine room and lazarette (with head phone and microphone).		
FAX	Brother MFC-490 CW (laser fax/copy/scan/print) linked to Mini M	
sat-com.		
IT-NETWORK	ALPHATRON made .	
Internal wifi to connect via Iridium, GSM, Wifi hot spot. Controlled by ships-laptop.		
BOARD TELEPHONE	ALPHATRON. Internal telephone system./ship-shore plug in system. Telephones in every cabin, salon and wheelhouse, lazarette and engine room for internal and external use. In engine room acoustic and visual.	
INTERCOM/ LOUD HAILER	Microphone in wheelhouse with speakers in every cabin, salon, engine room, crew quarters and aft (public address system).	
TELEVISION RECEIVER	Sat-Antenna: ALPHATRON INTELLIAN Technologies ig.	
SAT-COM	Mini M Sat. telephone SAILOR.	

12. TENDERS & TOYS

TENDER	Dinghy	4.2 m ZODIAC with SUZUKI 50 HP outboard, (New 2008).
TOYS	Wakeboard	one.
	Water-ski's	one pair.
	Diving	2 x complete dive gear incl. 2 x 10 litre aluminium bottles and compressor.
	Cradles	For tender and Jet-Ski. Supports for Tender and Jet-Ski can easy be taken away for a flush deck (New 2009).
	Jet-Ski	BRP SEA-DOO RXP (New 2009).

13. SECURITY

LIFE SAVING AIDS	2 x RFD SOLAS 10 person Life rafts SURVIVA MK2 in container with hydrostatic releases 1 x Life raft in bag AVON Modula 4 Lite 11 x Life jackets SECUMAR Bolero 275 1 x Life jacket SECUMAR Arcona Midi 106 1 x fold-away black signal ball. Several distress flares in container 1 x Defibrillator AED+PLUS 1 x First Aid Box 12 x Smoke mask OCENCO M-20.2
FIRE FIGHTING	9 x Foam extinguisher 2 kg 2 x Foam extinguisher 6 kg 1 x Co2 extinguisher 2 kg 2 x Powder fire extinguisher 5 kg 1 x Fixed fire-extinguishing installation FM200 (engine room) 2 x Fire blanket 4 x Manual fire call point 1 x Fire Alarm System CONSILIUM MARINE Salwico CS4000 with 13 smoke detectors EV-P and 3 flame detectors NS-AUV and fire horns Sonas EN54-3 throughout the whole yacht 1 x General Service Pump with hose in fore peak and deck PS 1 x SOS Station in crew hall remote fire fitting system for engine room fire, fuel, vent etc.
BURGLARY ALARM	C & K Securytech Securit 800L+ system throughout interior with contacts on all doors and hatches.
ALARM/CONTROL MPA	For tank level alarms, navigation lights control, hydraulic oil temperature and level, battery voltage, low pressure fire extinguisher FM200, main engines and generators, Stern door alarm, etc
GMDSS	See/ VHF/ SSB/ Epirb/ upon press button/ the system automatically alerts coastguard with Yacht's name and position.
SSAS SYSTEM	Ship Security Alert System, ALPHATRON, SAILOR TT3000-SSA.
EPIRB	1 x SIMRAD EG50
SART / RADAR SPONDER	2 x McMurdo S4 Rescue Sart in wheelhouse (New 2009). Search and Rescue transponder for radar detection.
SAFE BOX	Two built-in models (wheelhouse and owner).
MONITOR/CAMERA	ALPHATRON, Alphacam Eclipse 3 x on deck heavy duty color camaras Orlaco 2 x in engine room Samsung Dome P+T cameras All are connected to MPA and conning.
OTHERS	Set of international code/ nation guests/ flags.

14. MANUALS

General ships-plan, Tank- Piping plan, Electricity plan, various construction drawings and original building specification. Manuals for most equipment in Dutch/English language. Ships notebook HP ProBook 6550b, 2011, with IDEA VIO Light Programm for relevant data + maintenance service + parts information.

15. SPARE PARTS

Includes several for main engines, generators, toilets, fresh water pump, Rheinstrom pump etc.

16. TOOLS

Several in toolbox and workbench.

17. MOONEN REFIT COMMENTS

Moon River was quite different from her sisterships to begin with, having an advanced PLC-based monitoring, VIP and guest cabins with ensuite bathrooms, two crew cabins, and an arch-supported mast to open the sun deck space. Her new owner is in the commercial shipping business and therefore knows the way of a ship. As a result, he asked Moonen to rebuild and upgrade her extensively, to change her original unique character to suit his plans.

On the technical side, the major work consisted of installing zero-speed stabilisers. Moon River is in fact the first Moonen 84 displacement yacht with the system, which has been made possible by the well-planned installation of synchronizable 28-kW generators and upgraded hydraulic system.

Other work included a new shore converter, new anchoring system and winches, and new stainless-steel work by Moonen daughter company Inoferro.

For navigation and conning the yacht, Alphasat installed an entirely new, highly sophisticated, navigation and communication system, and Moonen modified the flying bridge layout for greater efficiency. New electrical installations are by Alewijnse Marine Systems.

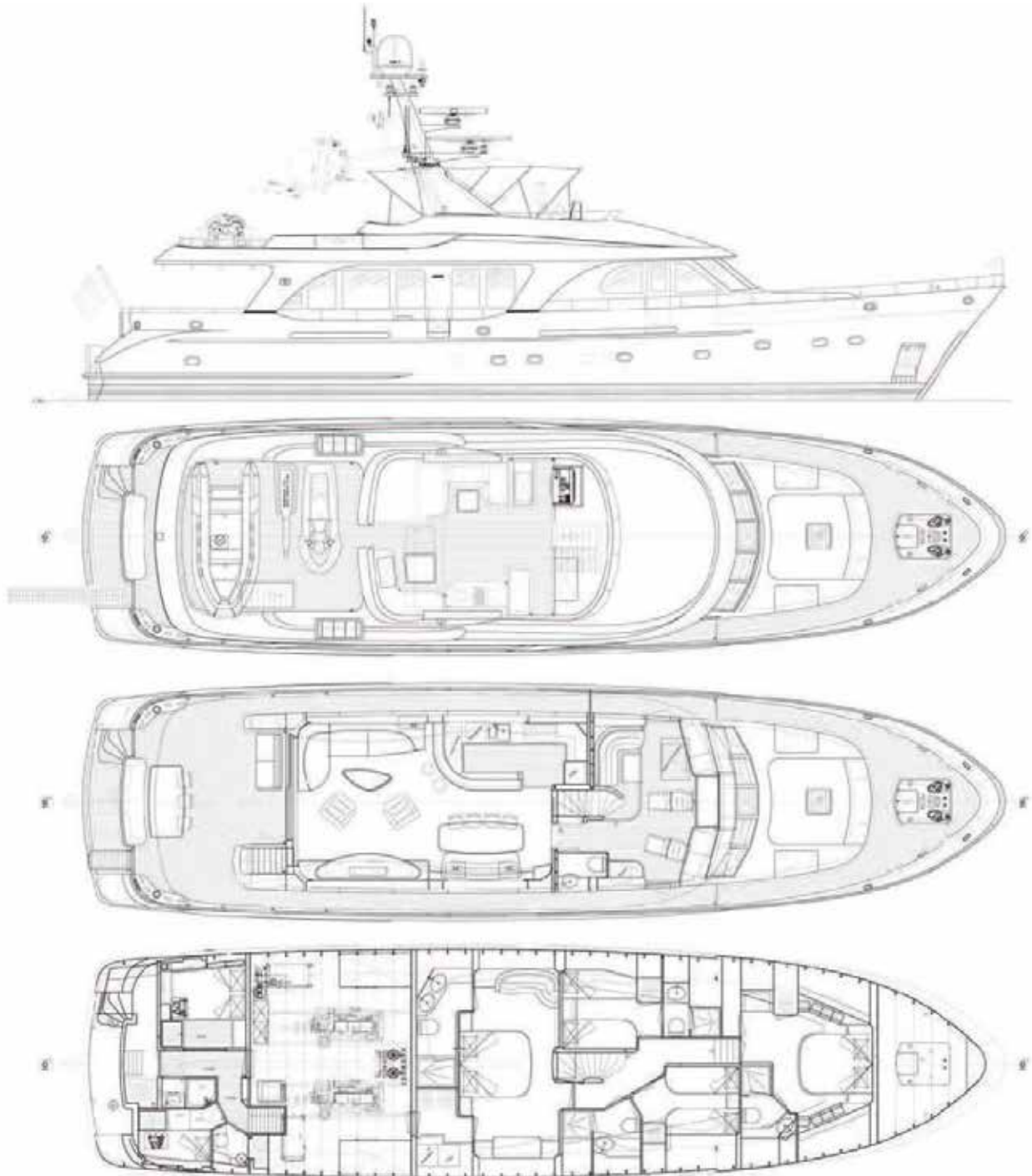
All other technical systems are refurbished and returned to like-new condition, altered some teak decking by Bloemen de Maas and she was totally re-painted by Klaver.

Below, Art-Line Interiors revised the styling to create an ambiance suitable to the new owner's desires, with new colours and fabrics. Technica Nova installed a new Bang & Olufsen entertainment system.

The Moonen 84 series was drawn by René van der Velden Design over a round-bilge displacement hull form by Stolk Marimecs naval architects. The series, of which eight have been launched since 2001, is powered by twin Caterpillar diesels. She has a steel hull and aluminium superstructure, and is built to survey by Lloyd's Register.

The refit, or rather "rebuild," began in November 2008, with the arrival of the yacht. She was hauled out in December 2008, the work started in January 2009 and she was relaunched in January 2010. In 2020 the exhaust overboard system has been upgraded, pipes and valves have been installed, making it possible to discharge below and or above the waterline.

18. GENERAL ARRANGEMENT



Moon River GA

Specifications are provided for general information only. We can't guarantee the correctness of given information or be liable for any inaccuracy or warrant the condition of yachts. All dimensions, capacities, speeds etc. are approximate. All information given is subject to fair, wear and tear. We therefore recommend clients to have yachts, specifications and information thoroughly checked and surveyed for accuracy by an independent qualified marine surveyor and purchase only subject to satisfied survey and sea trial. Yachts are offered subject to still being for sale. Unless seller and purchaser have agreed this specification and information in signing in contract, we reserve the right to change specification, price etc. without prior notice. We are not responsible for the outcome of our publications and activities as result thereof.