



REARDEN STEEL

121' (37.00m) 2001 Moonen Moonen 120 Fort Lauderdale Florida United States



Manufacturer: Moonen

Engines: 2 CATERPILLAR Hull Material: Steel Engine Model:3412 DITA Cruise Speed: 11 Knots Engine HP: 670 Max Speed: 12.5 Knots Beam: 26' 11" Cabins/Heads:5 / 5 8' 0" Max Draft: Fuel Type: Diesel

Water: 3090 G (11696.92 L)Fuel: 11531 G (43649.56 L)



\$6,975,000



Data Sheet

Category: Motor Yachts

Condition: Used Model Year: 2001 Refit Year: 2023

Documented Year: 2001 Beam: 26'11" (8.20m) Max Draft: 8' (2.44m) Min Draft: 8' (2.44m) LOA: 121' 5" (37.01m) LWL: 103' (31.40m)

Cabins: 5 Sleeps: 10 Double Berths: 1 Queen Berths: 3 King Berths: 1

Full Beam Master: Yes On Deck Master: Yes

Heads: 5

Crew Cabins: 4

Captain's Quarters: Yes

Crew Sleeps: 7 Crew Mess: 1

Maximum Speed: 12.5 Knots Cruise Speed: 11 Knots Range NM: 3360

Fuel Type: Diesel

Super Structure Material: Aluminum

Hull Material: Steel

Hull Shape: Displacement Air Conditioning: Yes Gross Tonnage: 366 Displacement: 322 tonnes

Stabilizers: Standard and Zero Speed

Stabilizer Brand: Koop Nautic

Bow Thruster: Yes

Fuel Tank: 11531 gal (43649.56 liters) Fresh Water: 3090 gal (11696.92 liters) Holding Tank: 1585 gal (5999.87 liters) Classification: Built to Germanischer

Lloyd AG Imported: No Builder: Moonen Designer: Newcruise

Interior Designer: Claudette Bonville Associates / Dee Robinson Interiors

Exterior Color: White HIN/IMO: 8996944

Engines/Generators

Engine 1

CATERPILLAR
3412 DITA
Inboard
670HP
499.62KW
Fuel: Diesel
Hours: 11268

Hours Date: 03-15-2024

Location: Port

Generator 1

Northern Lights

65KW

Hours: 15818

Hours Date: 03/15/2024

Engine 2

CATERPILLAR
3412 DITA
Inboard
670HP
499.62KW
Fuel: Diesel

Hours: 11554

Hours Date: 03-15-2024 Location: Starboard

Generator 2

Northern Lights

65KW

Hours: 17337

Hours Date: 03/15/2024

Summary/Description

This custom Tri-Deck Motor Yacht was built by the renowned Dutch yacht builder Moonen. With a full displacement hull, it offers exceptional comfort and stability at sea. REARDEN STEEL is well maintained by her full-time experienced crew. Her quality of build and safety of operation is rarely seen

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Detailed Specifications

MAIN CHARACTERISTICS

Name: REARDEN STEEL (Ex. Castellina, Virginia Del Mar, Victoria Del Mar, Bodacious, White Heaven III)

Type: Tri-deck Motor Yacht

Builder: Moonen Yachts | Netherlands

Year: 2001

Refit Year: 2023

Hull No: 171

Yacht Model: Moonen 120'

Construction Project Name: White Heaven III

LOA (M/FT): 37.00M/121'05"

LWL (M/FT): 31.40M/103'00"

Length COR: 36.90M/121'01"

Beam Overall (M/FT): 8.20M/26'11"

Beam moulded (M/FT): 8.00M/26'03"

Draft (M/FT): 2.44M/8'00"

Gross Tonnage: 366 ton

Displacement (Fully Loaded): 322MT

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Displacement (Half Loaded): 298MT

Arrival displacement: 273MT

Displacement (Light Ship): 227MT

Hull Material: Steel

Hull Configuration: Full-Displacement

Superstructure: Aluminium

Decks: Teak

Flag: Jamaica

Classification: Not currently enrolled, formerly Germanischer Lloyd AG

Naval Architect: Newcruise

Exterior Designer: Joachin Kinder Yacht Design / Newcruise

Interior Designer: Claudette Bonville Associates / Dee Robinson Interiors

Main Engines: 2 x Caterpillar 3412 DITA 670hp each

Speeds: 12.5 Knots Max

11.0 Knots Cruising

Range: 3,360 nm

Guest Accommodation: 10 Guests in 5 staterooms (1 master, 4 double)

Crew Accommodation: 7 Crew in 4 cabins (1 captain, 3 crew)

NOTEWORTHY FEATURES AT A GLANCE

In depth engineering and mechanical refit performed over two years. Ready for extensive cruising. Full list of works within the specification

Exceptionally maintained by her experienced captain and crew

Spacious headroom throughout on all deck levels

Full walk-around decks on all levels

Her volume is equal to most 40-meter yachts

Large full displacement hull assures exceptional comfort at sea and long-range cruising

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Stern tender garage

Recent main engine overhauls

Generators completely rebuilt with all new electrical

Bulbous bow

Classification

Flag: Jamaica

Port of Registry: Port Antonio

Classification: Not currently enrolled, formerly Germanischer Lloyd AG

Tax Status: U.S. Duty Paid

IMO Number: 8996944

MMSI Number: 339161000

Official Registration: JMP21072

ACCOMMODATIONS

MAIN AFT DECK

The main aft deck is very generous with a table for 10, and bar which passes through to the main saloon via a drop-down window. There are port and starboard stairs leading to the swim platform and tender garage. Forward to starboard a stairway leads up to the bridge deck aft. A passarelle comes out from the port side steps the lead down to the swim platform. Decks are finished in teak.

MAIN SALON

The salon's elegant decor highlights REARDEN STEEL's European ancestry. Salon is entered through double all glass pneumatic sliding doors. To port is a full-service bar with an extra-large window facing the aft deck which drops completely down, creating an open air feel to the aft deck. Forward of the bar to port is a large settee, to starboard is a pop-up television. Forward of the main saloon is the main dining area capable of seating twelve persons. On both port and starboard sides of the dining are built in china and stemware storage. Moving forward to starboard is the main foyer, which includes the wine storage area and day head.

MASTER STATEROOM

Located on the main deck and features his and hers heads and wash basins with walk through shower. King size bed centerline facing forward, with writing desk/make up vanity to port and comfortable lounge settee to starboard. Forwards are two full-size walk-in closets. One closet has a locking section for owner's personal item storage during charter. Entertainment includes a 32" plasma TV DVD player and satellite TV receiver and mini bar.

GUEST ACCOMMODATIONS

Guests receive the VIP treatment in four double cabins on the lower deck, three with queen beds, one cabin with full bed, ensuite heads and showers, writing desks and large hanging closets. Each stateroom's entertainment system is complete with TV, DVD player and satellite TV. The heads are finished in a very light finish and large port lights, which brings this area to life. Each cabin is fitted with large port lights allowing in natural light. Again, the overhead height is exceptional and comfortable for the tallest of quests.

SKYLOUNGE

The Sky Lounge is very large for a vessel of this size. With sofa seating, 52" TV on the starboard forward bulkhead, desk on port side forward and full bar with stool seating on port side aft. There is a day head on this level forward to port, just aft of the pilot house, which is found just forward of the Sky Lounge.

BRIDGE DECK AFT

This outdoor deck area is set up for both dining and relaxing. There is an oval shaped table with chair seating for ten persons. Aft of the dining space are full beam settee lounges. The starboard bulkhead has stairs which lead up to the sundeck. Decks are finished in teak.

PILOTHOUSE

The Pilothouse is huge for a vessel of this size. It accommodates the best of navigational equipment. The pilot house is laid out with 2 captain's chairs, guest seating area with table, chart table with radio station and chart storage.

CAPTAINS CABIN

Captain cabin is located starboard side just aft of the pilot house. This cabin is equal in size to one you might find on a 150' yacht. Fitted with hanging closet, writing desk and ensuite head with shower.

BOW

Forward of the pilot house is a very comfortable sunbed area built into the structure.

SUN DECK

The Sun Deck is very spacious with two wraparound seating areas to starboard. Port forward is built in storage, service items and BBQ grill. Aft to port is a full-service bar. The aft section of the sundeck on center is a very large sun pad which surrounds the Jacuzzi. This area is partially shaded by a hard top. Sail awnings offer sun protection in the forward area.

TENDER GARAGE

Is located aft, down the stairs from the main deck. The garage can accommodate a large 16' tender and one wave runner. There is also room to store various other types of water toys. The Garage door drops down, which in turn creates an extra-large swim platform for boarding the tender or wave runner.

CREW QUARTERS

Located on the lower deck with 3 cabins, each cabin has an ensuite head and shower. There is berthing here for a total of six, two crew in each cabin. There is also a crew lounge with dinette, TV and laundry is in this area

CONSTRUCTION

Hull Material: Steel

Superstructure Material: Aluminium

Decks Material: Teak

Motor Hull Type: Monohull Full-Displacement Motor Yacht

Motor Hull Sub Type: Tri-Deck

Number of Decks: 3

CAPACITIES

Gross Tonnage: 366GT

Net Tonnage: 109t

Displacement Tons: 322MT full load

298MT 50%

273MT arrival displacement

227MT light ship

Fuel Capacity: 43,650 Liters/11,531USG

Day Tank: 450 Liters/118USG

Fresh Water Capacity: 11,700 Liters/3,090USG

Water Makers: 9,085 Liters/2,400USG

Grey Water Forward: 650 Liters/171USG

Grey Water Aft: 100 Liters/26USG

Black Water: 6,000 Liters/1,585USG

Lube Oil: 750 Liters/189USG

Waste Oil: 750 Liters/189USG

Speed/Consumption I/p/h/

Maximum: 12.5/462l/p/h

Cruising: 11.0/180l/p/h

Consumption at Anchor: 1 generator 10 liters per hour

MAIN MACHINERY

Main Engines: 2 x Caterpillar 3412 DITA 670 HP / 507 kW each

Engine Hours (March 2024): Port 11,268 (1,694 since rebuild)

Starboard 11,554 (1,859 since rebuild)

Approx. 30 hours SMOH

Propulsion Type: Oil bath shafts

Engine Controls: Mannesmann Rexroth Pneumatic

Gear Boxes: Reintjes WAF 343L

Approx. 30 hours SMOH

Shafting: Rubber design

Propellers: Nibral 5 blade, fixed pitch



Engine Ventilation: Active fans, Salor Spakenburg Holland

GENERATORS AND ELECTRICITY

Output/Electricity: 400 VAC 3 phase, 50Hz with 60 Hz converters

Generators: 2 x Northern Lights 65kW

Generator Hours (March 2024: Port 15,818 (6,937 since rebuild)

Starboard 17,337 (7,968 since rebuild)

Approx. 150 hours SMOH

Generator Fuel Consumption: 10 liters per hour

Shore Power: 100 Amp 480 3 phase / 2 - 208 3 phase

Shore Power Converter: Atlas

Shore Power Transformer: Atlas

Batteries: Main engine starting and generator starting: Ultima

Emergency: Mastervolt

Battery Chargers: Mastervolt/starboard start - port start - 24v system

AUXILIARY MACHINERY

Steering System: Cramm / Emi Fuel

Steering Gear: Twin rudder

Emergency Steering: Yes

Bow Thruster: Cramm 75kW

Stabilizers: Koop Nautic 3 axis anti-roll system

Helm/Wing Station Controls: Rexroth

Fuel and Oil System:

Fuel Filters: Racor (primary and secondary)

Fuel Oil Separator: Alfa Laval

Fuel Transfer Pump: 2 x Gianneschi 11

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Bunkering Station: Starboard side, main deck only

Oily Bilge Water Separator: None, waste oily water can be moved to waste tank

Dirty Oil Pump: Baldor (2022)

Lubrication Oil Pump: Baldor (2022)

Firefighting and Bilge System:

Firefighting and Bilge Pump: Rotor centrifugal pumps

Fresh Water System:

Fresh Water Makers: 2 x Dometic SeaXchnage XTCII

2 x 2,200 g/p/d

Fresh Water Treatment: Primary filtration - silver steriliser - UV light

Fresh Water Pressure: 52-60 psi

Hot and Cold Circulation Pump: Grundfos

Hot Water Boilers: ACV E-Tech W (2022)

Black and Grey Water System:

Black and Grey Water Treatment: Haman Sewage System SM 1014

Black and Grey Water Pumps: Grey water: Rheinstrom (new)

Black water: Edson 120 (new)

AC and Ventilation System:

Air Conditioning: Aqua Air

Air Compressor: 2 x Hydrovane

Air Handling Units: 28 x Dometic (2022)

Engine Room AC: Dometic

Engine Room Ventilation: 2 x Active fans Salor Spakenburg #0-50-01-2 volume 8,000 m²/4

Hydraulic System:



Hydraulic Power Packs: Cramm centerlined unit, located in engine room

Emergency Power Pack: EMI PN-Y30795 10/03 (for emergency steering only)

Antifouling System: Micron CSC by Interlux

Type: Sea Hawk - Black

NAVIGATION AND COMMUNICATION SYSTEMS

NAVIGATION SYSTEMS

Navigation Bridge: Time Zero

Monitors: 3 x Nauticam

Radar: Furuno FR 50 Mark 3

SIMRAD CR 50

Chart Plotter: Furuno

UPS: 3 x CyberPower 950 VA

Magnetic Compass: Brookes & Gatehouse

Gyrocompass: Anschutz

Auto Pilot: Anschutz Pilotstar D with 3 tiller control stations

Rudder Angle Indicator System: Anschutz

Echo Sounder and Speed Log: Brookes & Gatehouse

Depth Sounder: Furuno (color)

B&G (digital)

Video Sounder: Furuno

GPS: 2 x Northstar 951 Leica 20 DGPS

AIS: Furuno

Navtex: Furuno NX700

Wind Instruments: B&G

Horn: Airhorn

Search Lights: Carlisle & Finch Co.



Bridge Navigation Watch Alarm: Furuno BR560

Weather Fax: Furuno 208 Mark 2

Laser Plotter: Sea Max

Ships Computer: APC XS1500

COMMUNICATION SYSTEMS

SAT com: Sailor Mini M

Sailor Sat C

Sailor 9000 VSAT System installed 2013

Fleet 33

Globalstar handheld

VHF Radiotelephones: 2 x Sailor RT 4822 DSC

Portable VHF: Icom handheld

Telephone System: Panasonic PBX (V-Sat high-speed internet access)

VOIP capable - not activated

Cellular Phone System: 2 x Nokia handsets

Intercom System: Raytheon Ray430

VHF Digital Radios: 2 x Sailor 6222

SSB: Target Communication Receiver

DECK MACHINERY AND EQUIPMENT

Anchors: 2 x Poole

Anchor Chains: 2 x 300' 19mm

Anchor Windlass System: 2 x Muir 8000

Crane / Davit: Cramm extension 700kg

Aft Warping Capstans: 2 x Muir 4000

Boarding: 1 x Marquipt side-boarding ladder

1 x Built-in stern passarelle

Swim Platform: Cramm Hydraulic

Spotlights: Carlisle & Finch Co.

Paint Exterior: Awlgrip Matterhorn White

SAFETY, SECURITY, AND FIRE FIGHTING EQUIPMENT

Security System: Cameras: 3

CCTV: Axis Communications

Monitors: Axis Monitors

Fixed Firefighting System: Fire Control System Notifier

Firefighting Equipment: Draeger fire gear

Gas Detection: RKI Model PS2

Smoke Detection: Notifier by Honeywell (2022)

Fire Alarm: Pro-face alarm panels

Life Rafts: 2 x Revere 25-person life rafts

Breathing Apparatus: 2 x Draeger

Lifejackets: 110 PEDS

Life Rings: 8 x Life rings with rescue lines

EPIRB: x 2 (bridge deck forward and bridge grab bag)

SART: x 1 (bridge)

Medical Equipment: Fully operational from National Marine and AED

ENTERTAINMENT, AUDIO/VISUAL AND IT SYSTEMS

Video Equipment: Marantz

Audio Equipment: JL Audio

Main Salon: 50" Plasma TV

Master Stateroom: 32" Plasma TV, DVD player VIP Stateroom: 32" Plasma TV Guest Staterooms: 25" Plasma TV Sky Lounge:52" Plasma TV Captain's Cabin: 32" Plasma TV Crew Mess: 32" Plasma TV Wi-Fi: Starlink DOMESTIC EQUIPMENT **MAIN GALLEY EQUIPMENT** Cooking Equipment: Gaggenau 5-burner cooktop SMEG oven (commercial grade) Miele oven Refrigeration/Freezer: True standing refrigerator / freezer Miele standing refrigerator / freezer Miele refrigerator

Dishwasher: Alder C50 commercial

25 lb/day

PANTRIES AND OTHERS:

Refrigeration/Freezer: Bosch

Other: Mini bar in master stateroom

EXTERIOR EQUIPMENT

Sun Deck: Full-service bar

BBQ grill

CREW MESS EQUIPMENT

Microwave: Samsung

Refrigeration/Freezer: Miele

Dishwasher: Miele

LAUNDRY:

Main Laundry Equipment: 2 x Speed Queen washers

- 2 x Speed Queen dryers
- 1 x Miele Novotronic washer
- 1 x Miele Novotronic dryer

TENDERS AND TOYS

Tenders: Tender 2016, A/B 4.50m (15') VST-70 hp 4 stroke Yamaha

CAPITAL IMPROVEMENTS APRIL 2021 - SEPTEMBER 2023

ELECTRONICS

New depth sounders, transducers, and transducer cofferdams

New VHF radios

New Starlink satellite internet, firewalls and Wi-Fi system throughout

New televisions throughout

New anemometer

New AV system, AV racks, speakers, amplifiers, distribution/interface equipment, iPad interface, Apple TV

System calibrations, upgrades, interface tuning

New 5G Pepwave antennas, routers and internal Aegean system

New gyro repeater compass

Nobeltec updates / new computer

ELECTRICAL

New generator starting batteries

New ship's service batteries

New ship service battery changer / inverter

New shore cables

New power rewind shore cable reels

New shorepower converter and switchboard contactors

Detailed clean of shorepower converter internals

New shorepower converter cooling fans

New 110 VAC converter (on order, extended lead time)

New bow thruster joystick

Extensive rewiring in mechanical areas

Extensive renewal of switches, outlets, 110 VAC related components

Extensive investigation and rectification of electrical survey items

MISCELLANEOUS

New placards throughout - switchboard, subpanels, equipment

New chain locker hull side and containment bin chafe protection

New life raft cradles and securement hardware

All tanks emptied, cleaned, inspected

New freshwater tank coatings

Full bottom blast and NDT survey

Additional bilge inspection points - interior hatches, structural penetrations

Recondition and balance propellers

Fabrication of stainless steel drip trays in engine room

New safety and medical equipment

New toilets throughout entire vessel

MECHANICAL

All new engine mounts

New main engine exhaust risers, new silicone double hump bellows and hardware

New exhaust system gaskets, clamps, hoses, and hardware

Full main engine overhaul x 2

Full gearbox overhaul x 2

Full generator overhaul x 2

New generator electrical ends x 2 (alternators)

Full driveline and coupling removal, reinstatement and alignment

Rebuild main engine PTO pumps

Rebuild HPU

Rebuild passerelle - mechanicals, hydraulics, lighting, and paint

Rebuild engine room fire dampers

Rebuild anchor windlasses

New overhead ventilation blowers

Bow thruster service

New oil coolers

PIPING

Renew 50% of engine room piping

New shell valves

New system isolation valves

New fire stations / hydrants

All new system valves

All new fan coil units throughout (24)

Piping offsite pressure testing, painting, and reinstatement

New chilled water and hot water piping insulation - ER, ECR, local connections

Chilled water look drain, flush, rebalance

New lube oil piping, pumps, hose reels, drip trays

New small pumps and motors

New watermakers x 2

Replumb and rebuild hot tub system components

All new bilge sensors

New pneumatic door and window hoses and fittings

New hydraulic hoses and fittings in engine room and forepeak

New hydraulic shock and noise suppressors

New seawater strainers - baskets, lid assemblies

Rebuild waste treatment plant and processing tank

STEEL WORK

Port side main engine room insert plates

New black water tank - shell plating, internal framing

Shell plating in way of stern tubes

Shell plating in way of bulbous bow

Rub railing repairs

Extensive investigation and rectification of survey items

PAINT WORK

Full lazarette prep and paint - bilge, hull side, structure, overhead

Full engine room prep and paint - bilge, hull side, structure, overhead

Full engine control room prep and paint - bilge, hull side, structure, overhead

Guest areas bilges - including cofferdams, transducer wells

Crew area bilges - including bow thruster tunnel area

Full engine forepeak prep and paint - bilge, hull side, structure, overhead

Full blast and ceramic coating in blackwater tank

Full blast and ceramic coating in bulbous bow

Transom, swim platform, steps, corner pods, rub rail, misc. hull sides

Foredeck anchor plinth, misc. step risers

Fire stations / lockers

Blast and paint engine room and lazarette deck plates

INTERIOR

New carpeting - master, guest cabins, common areas, crew area

New mattresses throughout

New linens and soft goods

New lighting fixtures in crew area

New carpet and staircase runners

Replace guest and crew head vanity mirrors

New skylounge window blind system

EXTERIOR

New sun deck and bridge deck exterior rope lighting / toe kick

New sun deck awning canopies / awning system

Additional sun deck railings / fall protection

New transom door gaskets

New transom name board

New swim platform and staircase courtesy lighting

New nameboard lighting

Misc. new swim platform teak decking

New swim platform staircase teak decking

225+ feet of new teak decking - margin boards and field planks throughout

Complete 5 part hull and superstructure polish

Port side rub rail paint

Varnish cap railings, counters, etc.

Full bottom coating system - primers, anti-fouling, PropSpeed, anodes

Complete refit list from 2023 available upon request.

DISCLAIMER

These particulars have been prepared by us from information provided by the sellers and are intended as a general guide to the vessel. We cannot, however, be liable for any inaccuracy. It is up to the purchaser to confirm details of concern to him by survey, inspection and/or enquiry of the seller and to ensure that the purchase contract properly reflects his concern and specific details upon which he may rely. We always advise an independent survey.





Main Deck Aft Looking To Port



Main Deck Aft Looking To Port



Main Salon Looking Forward



Main Salon Looking Forward



Main Salon Bar



Main Dining Salon Looking To Port



Starboard Side Main Deck Foyer



Day Head Starboard Side



Master Suite Looking Forward



Master Stateroom Looking To Starboard



Master Stateroom Looking Forward



Master Bath



Master Bath



Portside Queen Guest Stateroom Looking Aft



Starboard Side Queen Guest Stateroom Looking Aft



Portside Forward Queen Guest Stateroom Starboard



Starboard Side Forward Queen Guest Stateroom



Bridge Looking To Port



Bridge Looking Forward



Skylounge Looking Forward



Skylounge Looking Aft



Bridge Deck Dining Looking Aft To Starboard



Bridge Deck Seating Area Looking To Portside



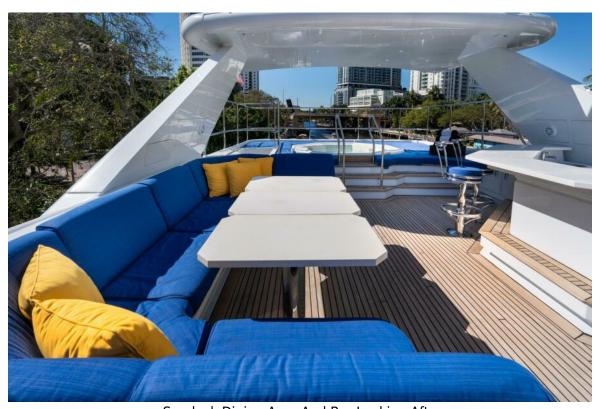
Foredeck Seating Area



Forward Sunbed



Sundeck Seating Looking Aft



Sundeck Dining Area And Bar Looking Aft



Sundeck Jacuzzi Looking Aft



Sundeck Jacuzzi Aft



Sundeck Bar And Seating Area Looking Forward



Sundeck Looking Forward To Starboard



Sundeck BBQ Portside



Captain's Cabin On Bridge Deck



Captain's En Suite



Galley Portside



Control Room



Engine Room



Engine Room



Technical Space



Tender Storage



Swim Platform



Side Deck Portside Looking Forward



Stern



Portside





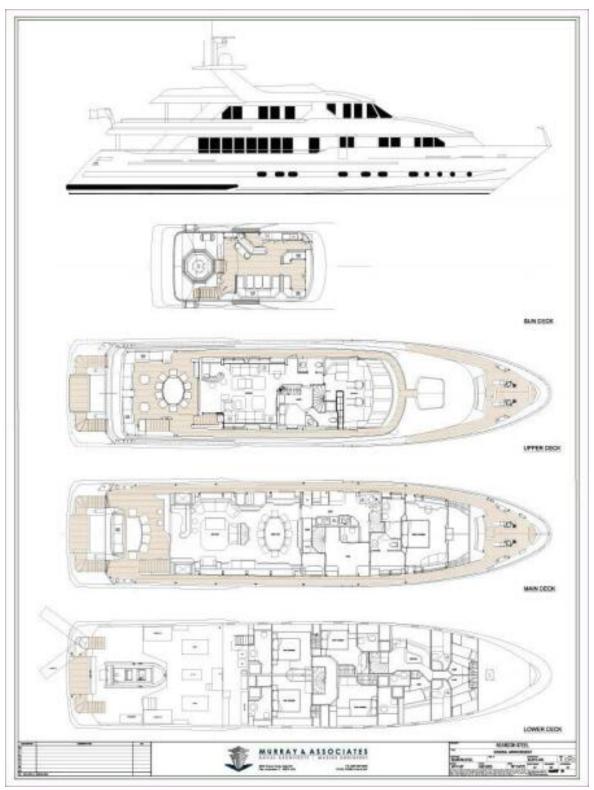
Aerial



Starboard Side



Underway



General Arrangement Plan