WESTPORT

5201 Specifications

MCA/ABS Class Vessel

PRIMARY DIMENSIONS

LOA	172’ 3” / 52.5 m
LWL	152’ 11” / 46.6 m
BEAM	30’ 10” / 9.39 m
DRAFT	7’ 9” / 2.37 m
TONNAGE (Gross, ITC)	496
AIR DRAFT	52’1” / 15.9 m

CRUISE SPEED/KNOTS

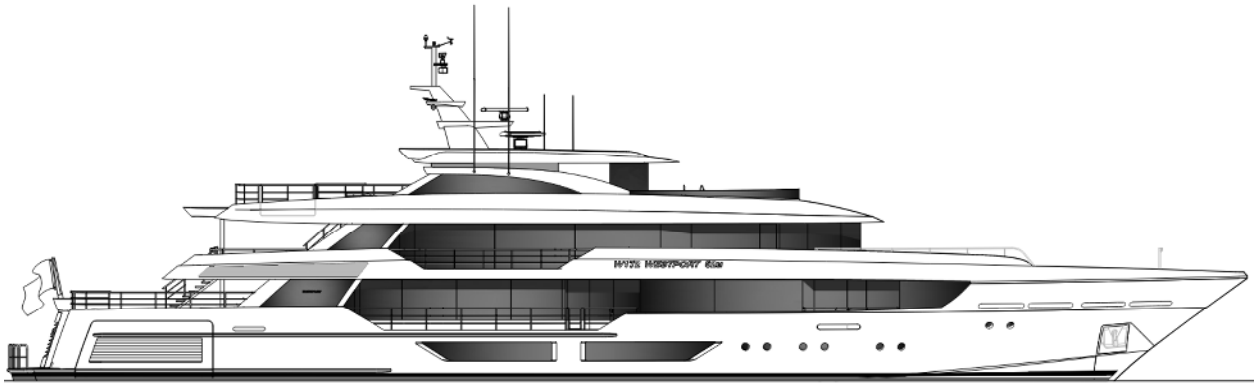
Cruising Speed	19
Maximum Speed	21.5
Range	5000 N.M. @ 10

DISPLACEMENT

Full Load	885,000 lbs / 401 T
Half Load	810,000 lbs / 367 T
Light Ship	750,000 lbs / 340 T

TANK CAPACITIES

Fuel	16,500 USG / 62450 l
Fresh Water	2,150 USG / 8100 l
Black Water	1,600 USG / 6050 l
Gray Water	1,350 USG / 5100 l



Please note: Dimensions, weights, and capacities where shown are approximate. Speed, weight, and other performance estimates if shown or discussed are estimates only and are not guaranteed.
Specifications are subject to change without notice.
Modifications made to the vessel may change or affect speed, weight, or other capacities and estimates.

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Vessel Classification

AMERICAN BUREAU OF SHIPPING (ABS) & UNITED KINGDOM MARITIME AND COAST GUARD AGENCY (MCA)

This vessel will be classed by the American Bureau of Shipping (ABS). The class notation will be ✠A1 Commercial Yachting Service AMS Ⓔ to the ABS Guide for Building and Classing Yachts - 2019. As part of the classification process, ABS conducts an engineering review of the vessel's structure and mechanical systems and performs periodic surveys throughout its construction. The vessel owner is responsible for ongoing surveys and maintenance of Class after delivery.

The vessel is supplied with a "Letter of Compliance" to the United Kingdom Maritime and Coastguard Agency (MCA) "Code of Practice for Safety of Large Commercial Sailing and Motor Vessels," issued by the Cayman Islands Shipping Registry (CISR). This document certifies that the physical vessel has been determined to meet the United Kingdom commercial use requirements for a vessel under 500 gross tons and carrying no cargo and up to 12 passengers.

To operate in commercial service under the flag of the Cayman Islands, the vessel must carry a "Certificate of Compliance" with the MCA Code of Practice. In order to obtain a "Certificate of Compliance" the vessel must demonstrate compliance with those sections of the Code of Practice pertaining to manning and crew training in addition to the requirements covered under the "Letter of Compliance." Compliance with these requirements and obtaining a "Certificate of Compliance" is the responsibility of the vessel owner.

Construction

STRUCTURE

Hull, superstructure, and decks are of foam-cored composite construction:

- E-glass reinforcements
- Vinyl ester resins
- Core material, thickness, and density varies throughout to optimize engineered structures
- Structural framing combines E-glass and carbon fiber reinforcements
- Structure is approved by the American Bureau of Shipping
- Structure is laminated using infusion and hand lay-up

EXTERIOR FINISHES

Hull and superstructure are finished in Awlgrip high-gloss Snow White urethane paint. Superstructure features are finished in Awlgrip metallic black paint. Boot stripe is finished in Awlgrip high-gloss black paint.

Hull bottom coating is black Sea Hawk anti-fouling paint over an epoxy barrier coat.

WINDOWS

Hull, Main Deck, and Pilothouse exterior windows are frameless, laminated, chemically strengthened glass with an internal structural layer, and directly bonded to the vessel's structure using a class approved structural adhesive system. Window thicknesses are in accordance with ABS standards.

Portlights and hull windows supplied with deadlights or blanking plates as required by ABS.

Mechanical Systems

MAIN ENGINES/DRIVE TRAIN

Main engines (model TBD) are connected to propellers via Aquamet 22 HS stainless shafts. Remote down angle gearbox, seawater pump, heat exchanger, dual starters, and battery charging alternators. Primary exhaust exits underwater at chine, silenced bypass exits above waterline. Seawater cooling supplied via dual 6" lugged type butterfly valves, bronze Y-strainers, and molded FRP scoops with stainless grates.

Controls: Electronic with throttle synchronizing and LCD data display

Filters: Racor Duplex FBO Filters

Marine gear: ZF model 9050A, remote mount, 8° down angle, ratio 3.462:1 with trailing pump

Shaft seals: Wartsila, carbon face

Propellers: Michigan Wheel custom 5-blade NiBrAl cast, CNC machined

Exhaust: Stainless steel collector with hard thermal insulation, integral spray ring for 18" main underwater FRP exhaust piping and flanged connections

Underwater exhaust outlet: Molded FRP 'blister' design with chine exit includes head reducing molded hull ventilator (Westport fabrication)

By-pass exhaust: 10" FRP piping, Soundown silencer

STEERING SYSTEM

Steering System operates via port and starboard engine driven hydraulic pumps and manual helm pump located in the Engine Room. Controls from the Pilothouse and wing stations are via digital 'fly by wire' system. Main steering station in the Pilothouse includes full follow-up helm wheel and non-follow up 'jog' lever. The wing stations are provided with non-follow up steering.

Autopilot: ComNav

TRUE heading input: Available from satellite compass, fluxgate rate sensor with magnetic sensor for backup

Rudders: Wake-adapted cast NiBrAl foil-shape fin, Aquamet 22HS shaft

Seals: Dripless seal on FRP rudder tube

Bearings: Orkot composite

STABILIZATION

Stabilization underway: Naiad model 575 hydraulic actuators

- Two fins, nominally 30 square foot each
- Powered by hydraulic pumps driven by the main engines
- Control from the Pilothouse

Stabilization at anchor: Three active gyro-stabilizers, Veem 145 or similar

- Control is from the Engine Room or the Pilothouse
- Electrically powered

HVAC Systems / Air Conditioning

A comfortable interior temperature is maintained through the use of a seawater cooled treated water HVAC system. The chiller capacity is 45 tons. Temperature controlled water is distributed throughout the vessel via individual room air handlers of various sizes/BTU ratings. Individual air handlers in the accommodation spaces are provided with in-duct heating, providing autonomous settings. The system replaces the fresh air lost through the head evacuation system. Fresh treated air is available through the make-up air units.

HVAC system: Dometic or equal, 45 ton capacity, three compressors, independent seawater intake, also plumbed for shore connection

Make-up air: For providing fresh air through vessel interior

Keypads (thermostat/controls): For control of individual air handlers and for main chiller control, Marine Air digital fan control with individual heating controller and remote temperature sensors

Air handlers: 208 volt/single phase/60 Hz of various BTU ratings

Hydraulic System

Hydraulic deck equipment is powered by electrically driven hydraulic power packs (HPUs).

System components include:

- One HPU aft, serving the passerelle, capstans, aft crane, transom door, and beach platforms
- One HPU on the Sun Deck serving the rescue tender, HPU is able to be powered from the emergency power supply
- One HPU forward, serving the toy lockers and crane(s)

Thruster Systems

Bow thruster: The bow thruster is mounted in a composite tunnel integrally laminated into the hull structure. It is electrically driven with power provided from the ship's AC system thru a step-up transformer and variable frequency drive.

- Thruster: 24" ABT unit with dual counter-rotating propellers
- Motor: 125 hp, 3 phase, 480 volt AC

Stern thruster: The stern thruster is mounted in a composite fairing laminated onto the hull structure. It is electrically driven with power provided from the ship's AC system thru a step-up transformer and variable frequency drive.

- Thruster: 20" ABT unit with dual counter-rotating propellers
- Motor: 75 hp, 3 phase, 480 volt AC

FUEL SYSTEM

Diesel fuel system: 16,500 U.S. gallons in multiple tanks with transfer system including two pumps, meter, and distribution manifold. Diesel exhaust fluid (DEF) capacity is approximately 1,350 gallons. Engines draw from the day tank within the Engine Room which is filled through two fuel separators, and if necessary, by way of a filtered by-pass. Fueling by two deck fills: one amidships, starboard side, and one aft. All tanks are vented to atmosphere on the port side. Tank level monitoring is by electronic sensor and display with high/low level alarms. All tanks vent to atmosphere from two 'vent tanks' which are also monitored.

Pumps:

- Primary: AC, 75 gpm
- Secondary: DC positive displacement back-up/priming pump

Filters:

- Generators: Three Racor 500
- Engines: Two Duplex Racor FBO
- Fuel transfer: Valin high capacity fuel filters with water separation

Fuel centrifuge: Two plumbed in parallel directly into day tank (4C) for 400 gph total capacities; Y strainer (316SS) before AC pump, strainer before DC pump

Electronic fuel meter: Positive displacement with remote electronic display and automatic pump shut off pre-set capability

Valves: Stainless steel three piece ball types for fuel transfer manifold and consumer isolation

Deck fills: 2" stainless steel, threaded cap, stamped 'Diesel'

Tanks: Welded, baffled aluminum

Gasoline Fuel System: Approximately 100 US gallon tank

- Pump: Air diaphragm type
- Hose and nozzle assembly located in pump compartment
- Vapor detectors located in adjacent spaces

LUBE OIL SYSTEM

Fresh engine/generator oil is available in the Engine Room and is administered by pump and hose reel. New oil tank is filled via 1½" deck plate located near midship fuel fill starboard side. Used oil tank is pumped ashore across transom via connection located at the starboard bustle.

Oil Tanks: Aluminum, 200 gallons each in port/starboard Engine Room bilges

Pumps: Air diaphragm type, one for new oil, one for used, separate hoses

Fittings: Stainless quick connects

Fresh Water

Fresh water is taken aboard through a pressurized dock connection. Water filtered for particulates and microorganisms is distributed through Mepla insulated piping by dual centrifugal pumps. Pressure tanks assist in a surge free action. Hot water comes quickly from three hot water tanks and a hot water circulation ring. Fresh water is generated on board by dual reverse osmosis watermakers and stored in stainless steel baffled tanks. Fresh water wash down fittings are found on all external decks.

Fresh water tanks: Two baffled stainless steel, approximate capacity 2,150 gallons total

Pressure connection: Stainless with pressure reducer to prevent over-pressurization

UV filters: Two for disinfection of potable water, each 30 gpm max

Dual particle filters: For removal of sediment, dissolved solids, and contaminants to 20 microns plumbed in parallel. Stainless canister with replaceable filter cartridge.

Pressure tank: FRP, located at remote ends of piping system to reduce pressure drops due to intermittent loads

Watermakers: Two Legend LX Compact 3400 gpd, reverse osmosis type

Water softener: Yacht Mate system installed in the Equipment Room to treat incoming potable water from dock source

Water heaters: Three multiple element 80 gallon capacity each, plumbed in parallel with hot water circulation ring and pump

Pumps: Two variable speed, 30 gpm each, plumbed in parallel for high flow capability

Sterilization: Silver ion sterilization treatment

Waste Water

Black/gray water is routed to an FRP tank. A certified Marine Sanitation Device (MSD) is installed for discretionary treatment of wastewater in environmentally sensitive areas. Tank level monitoring is via electronic sensor and display with level alarms. Discharge is through the MSD or directly overboard via diaphragm pump.

MSD: Meets MARPOL/USCG Type II MSD regulations (Includes chlorine generator)

Black water tank: FRP with baffles, 1,600 gallons

Gray water tanks: 1,350 gallons total

Dockside pump out: Stbd side

Gray water sumps: Three sumps transfer gray water to black water tank or overboard via Y-valve

Black water sump: Transfers black water from lower deck aft Guest Staterooms to holding tank

Compressed Air System

Compressed air system consists of a compressor, piping, quick connects, and pressure tanks which power the ship's air horn, gasoline and oil pumps, and pneumatic tools. Lines service the Foredeck, stbd Bustle and Sun Deck. Max operating pressure is 100 psi.

Compressor: 2 hp with 10 gallon tank

Pressure tank: Two 15 gallon units located at the Sun Deck

Hose/reel: 3/8" x 50' hose, Reel Craft spring driven hose reel

BILGE SYSTEM

Bilge system is comprised of seven watertight zones which can be pumped individually via the bilge suction manifold and electric bilge pump. The manifold allows cross over to the fire pump or diesel powered pump for back up. Additionally, the Engine Room is plumbed with an Oily Water separator certified to meet MARPOL regulations. Bilge level alarms fitted in each compartment and thruster cofferdam. Each suction fitted with strainers and foot valves.

Primary pump: Centrifugal, self-priming, 100 gpm/10 psi minimum

Back-up pump: See fire main pump (shared on common manifold)

Emergency pump: Diesel-driven self-priming centrifugal pump, 100 gpm/10 psi minimum

Oily water separator: For discharge of water containing oil from Engine Room, complies with MARPOL pollution regulations, 2.2 gpm

DECK DRAIN

All exterior decks are fitted with freeing ports and/or drains with a plumbed piping system. Drains are molded as part of the decks and are fitted with polished stainless steel grates. ABS-approved materials used throughout. Drains terminate at through hulls in the boot stripe and are fitted with ball and check valves as per class requirements.

FIXED FIRE SUPPRESSION SYSTEMS

Fire main system: Fire hydrants are fitted at six stations throughout the vessel. The fire main is supplied by two pumps. Each station contains a hose, angle valve, and high/low volume nozzle. The primary electric fire pump can be started from any fire station.

Hoses: Six 1½" x 50' FM listed lay flat type, NST thread

Fire nozzles: Six ABS approved, one at each of the hydrant stations

Primary pump: Centrifugal, flooded suction, 66 gpm

Back-up pump: See bilge pump (shared on common manifold)

Emergency pump: Diesel powered, centrifugal, flooded suction

Strainer: Sea suction strainer for fire/bilge manifold (Bronze 2" Y strainer or equivalent)

Seawater intake: Bronze with stainless steel grate

Hose rack: FRP, for rolled hose storage at fire stations

Accommodation Sprinkler System: Accommodation spaces are fitted with a pressurized fire sprinkler system meeting class requirements

- System draws initially from the vessel's aft fresh water tank
- At a pre-determined tank level, the system automatically switches to seawater for continuous operation
- Redundant pumps fitted to meet minimum required flow and pressure
- Pressurized piping system, fitted with heat sensitive nozzles
- System operates automatically, pumps activate and alarm sounds on pressure drop in piping system
- System fitted with accumulator tank to maintain pressure
- Sprinkler control panel with mimic display is located in the Engine Room
- Status panel with mimic included as part of the vessel monitoring system
- Viega Seapress or equal CuNi tubing
- Test ports fitted as required

Engine Room fixed fire system: A manually-activated clean agent gas smothering system protects the Engine Room

- Meets class requirements
- System is manually activated from a station outside the Engine Room access
- Siren and flashing lights in the Engine Room activate for 30-seconds prior to discharge
- Automatic shutdowns on fuel units, intake fans, and Engine Room dampers activate prior to discharge

Automatic Fireboy: Provides fire protection for the Control Room Distribution Panel

- Located within the panel
- Activates automatically on high temperature
- Manual operation by removing the pin and pulling the handle

Galley hood fire suppression: A small wet-chemical system protects the grills and warming oven in the Galley

- System discharges automatically when exposed to high temperatures
- Manual discharge option via manual pull near the exit of the space
- Upon system discharge, controls close vent dampers as well as shuts down power to cooking equipment and ventilation fans serving the space

FIRE INSULATION

Engine Room and Galley are insulated in accordance with class requirements.

- Engine Room and associated ducts are fitted with A-60 fire divisions
- Galley is enclosed by B-15 divisions
- Galley exhaust vent ducts are fitted with A-30 equivalent insulation

ACCOMMODATION AREA NOISE REDUCTION

Noise and vibration reduction measures are engineered by Westport and consultants. Engine Room acoustic insulation is integrated with the fire insulation package. It is composed of an aluminum plate reflective barrier, absorptive layers and structural damping materials. Machinery vibration is isolated through the use of resilient mounts.

Interior spaces are treated with sound-tight construction techniques to prevent noise transmission between compartments as well as floating joinery connections, acoustic insulation and damping materials to suppress the transmission of structure-borne noise and vibration.

ANCHORING SYSTEM

Two “Poole” style anchors are stowed in recessed stainless steel pockets on the Bow, port and starboard. Dual electric windlasses on the Foredeck provide independent operation of the two anchors. Chain is stowed in chain locker bins below the Foredeck. Spurling tubes from stainless steel pipe to direct chain from windlass to chain bin. Anchor wash down nozzles are installed in the hawse pipes and are supplied with pressurized seawater from the fire hydrant system. Equipment meets ABS requirements for Circle-E notation.

Anchors: Two stainless steel, as required by class

Windlasses: Two Maxwell SY 22, 11,000 pound maximum pull with Maxwell combination stopper/roller/tensioners for each chain

Anchor chain: 13/16” (20.5 mm) galvanized stud-link chain, 495’ each side

Anchor plates/pockets: Polished stainless steel plates with welded pockets, includes stem guard

Anchor chain wash: Via fixed nozzles in the anchor hawse pipe; wash activated via solenoid valves

Windlass controls: Via foot switches or wired pendant

MOORING

Line handling is assisted by integrated capstans on the Foredeck windlasses and hydraulically-powered capstans on the Aft Deck.

Double horn bitts and cleats located per arrangement. Hawse pipes from the boarding platform to the aft main deck bitts allow for stern cross-tying.

Capstans: Two Maxwell VC8000, 8,000 pound line pull

Bitts: Eight large, four small polished stainless steel

Hawse rings: Polished stainless steel, closed type

Mooring lines: Eight Black Mega Braid 1 ½", four at 50', four at 100'; fitted with chafe protection at the eyes

Fenders: Four 34" x 46 ½", four 24" x 42", eight 24" x 96", two 36" x 48", and two 32" x 77"

Fender hangers: Twelve padded with jam type cleats and fairleads

Heaving lines: Four 3/8" x 100' with removable monkey fists

Boat hook

ELEVATOR

Custom elevator with hydraulic car by Lift-E-Motion or equal. Elevator is powered by a self-contained hydraulic power pack and controls. Power pack located in Engine Room.

Services four decks:

- Sun Deck
- Lobby on Bridge
- Main Deck at Foyer
- Lower Deck lobby

Electrical System

SYSTEM ARCHITECTURE

The vessel is designed around a 480 volt AC/3 phase/60 Hz system. 120 volt AC and 208 volt split phase loads will be supplied via Delta-Wye step down transformers. Power may be supplied by on board sources or shore sources, as controlled by the electrical control systems. Generators may be paralleled with each other. The main switchboard has inputs from:

- Generators: Three 99 kW
- Shore power converter: 200 kVA via two 100 amp shore power cords
- Includes Seamless Transfer between all sources of power

SHORE POWER

The vessel can take varying inputs of AC power via two inlets located at the transom. Power is converted to the ship's requirements via a shore power converter.

Shore power converter: Magnus, 200 kVA 40/70 cycle, 170-520 volt input, 480 volt 3 phase output

Shore power cords: Two 100 amp, 3 wire with ground, 3 phase, 100' cord lengths, measured from exit at transom

Shore cord reels: Two Glendinning, Cable Master motorized shore power reels with local control at transom

GENERATORS

Three AC generators produce 480 volt/3 phase/60 Hz energy for the yacht. Two of the generators are mounted on the starboard side of the Engine Room and the third is mounted between the main engines. Generators are fitted with a separated wet exhaust system, engine wet exhaust exits through outlets at the hull side, while exhaust-cooled gases exit up through the mast.

Generators: Three Northern Lights (ADE) 99 kW 'delta' wound, 1800 rpm with sound enclosure, seawater pump/heat exchanger, in/sep muffler, and dual vibration mounts

AC DISTRIBUTION

Supplied by the three aforementioned generators or AC power from shore. Shore power passes through electrical conditioners that accept various power: 3 phase, 40-70 Hz, 170-520 volt AC and converts it for ship's use. All electrical energy is first routed to an electrical switchboard in the Control Room, then to sub-panels and individual loads. Circuits are protected by coordinated breakers. The main electrical system is 4 wire, 3 phase 480 volts with 120 volt single phase branch circuits where required.

DC DISTRIBUTION

Sixteen AGM type accumulator batteries and chargers supply 24 volt DC power. The power is distributed from the main switchboard located in the Control Room to sub-panels throughout the vessel. Emergency DC power is distributed independently of the main distribution network and serves vital systems.

Batteries:

- Main engine starting bank: Two 8D AGM type batteries for starboard engine bank and two 8D AGM type batteries for port engine bank
- House bank: Four 8D's in series parallel for 24 volt DC
- Generator starting bank: Two group 31's in series for 24 volt DC
- Emergency bank: Four 8D's in series parallel for 24 volt DC
- Reserve bank: Two group 31's in series for 24 volt DC

Battery chargers: 24 volt DC chargers/rated power supplies

- Main engine starting bank: 20 amp
- House bank/ship's system: 95 amp
- Generator starting bank: 20 amp
- Reserve bank: 20 amp
- Emergency DC service: 95 amp

MAIN SWITCHBOARD

Wiring: Single and multiple conductors, ABS Type or Class Approved

Main switchboard: Extruded aluminum construction with powder coat finish. Unit is built to IP20 level of protection. Included is control and monitoring electronics. Forced draft cooling.

Full gauge package (for all sources): Volts/amps of each line, phase, power, power factor, and frequency

Generator gauge package: Northern Lights (ADE)

Seamless transfer: Generators allow for seamless transfer between units via their paralleling features

Vessel Alarms & Monitoring

The vessel's monitoring system is designed on a "last man standing" principle, based on a 24-volt redundant, fail-safe architecture, composed of ABS classed hardware and dedicated Human-Machine Interface touch-screens. A single point Alarm Management screen in the Pilothouse and remote HMI screens located throughout the ship provide superlative alarm recognition and offer the following advantages:

- Conflict and condition alarm for essential navigation lights
- Instant trending and comparison capabilities
- Tank monitoring, alarming or trending for fresh water, fuel, hydraulics, and waste water
- Carbon monoxide monitoring of areas capable of producing and/or near CO exposure
- Flood condition monitoring, alarming, and trending for bilge and sump pumps
- The alarms and monitoring system can provide alarm historical record
- System self-monitoring and alarming for vital power supplies and sensors
- Fire sprinkler mimic screen
- Monitoring, trending, and alarming of all AC power sources
- DC power monitoring and alarms
- Fuel overflow alarms with automatic transfer pump shut down
- Independent fire detection and alarm system with integrated mimic screen on monitoring system
- Integrated general emergency alarm

Audio/Video Electronics

The AV over IP system provides a variety of entertainment sources throughout the vessel. Depending on the room type you will find Hi-Definition displays, surround sound amplifier, speakers and subwoofers, along with iPads and hand held remotes for control.

A dedicated power conditioner/double conversion online UPS supports the entertainment systems providing consistent clean and stable power.

Each area can access content from central sources distributed by the AV over IP system.

Central sources include:

- Apple TV (AirPlay/local content only, streaming audio and video content available via Starlink depending on the internet package chosen)
- Apple AirPlay
- Navigation chart

Audio / Video Equipment

	Sun Deck	Fwd Bridge Deck	Pilothouse	Captains	VIP	Skylounge	Aft Bridge Deck	Master Stateroom	Master Office
TV	46" High Bright	No	No	32" LED/LCD	55" LED/LCD	75" LED/LCD	No	55" LED/LCD	55" LED/LCD
Apple AirPlay	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Apple TV	Yes	Audio Only	Audio Only	Yes	Yes	Yes	Audio Only	Yes	Yes
Off Air TV Tuner	Yes	No	No	Yes	Yes	Yes	No	Yes	Yes
Navigation Chart	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes
CCTV	No	No	Yes	Yes	No	No	No	No	No
Touch Panel	iPad mini	iPad mini	iPad mini	iPad mini	iPad mini	iPad mini	iPad mini	iPad mini	iPad mini
Hand Held Remote	Yes	No	No	Yes	Yes	Yes	No	Yes	Yes
Speakers	4 overhead 2 bulwarks	2 bulwarks	2 overhead	TV speakers	5 overhead +powered sub-woofer	5 overhead + powered sub-woofer	4 overhead	5 overhead +powered sub-woofer	2 overhead + powered sub-woofer

	Galley	Salon	Aft Deck	Beach Club	Fwd Guest Staterooms	Aft Guest Staterooms	Crew Mess	Crew	Laundry
TV	32" LED/LCD	65" LED/LCD	46" High Bright	55" High Bright	50" LED/LCD	50" LED/LCD	27" LED/LCD	27" (10) LED/LCD	27" LED/LCD
Apple AirPlay	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Apple TV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Off Air TV Tuner	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Navigation Chart	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CCTV	Yes	No	No	No	No	No	Yes	Yes	No
Touch Panel	iPad mini	iPad mini	iPad mini	iPad mini	iPad mini	iPad mini	iPad mini	No	iPad mini
Hand Held Remote	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	no
Speakers	2 overhead	5 overhead +powered sub-woofer	4 overhead	4 overhead	2 overhead	2 overhead	TV speakers	TV speakers	TV speakers

Navigational & Communication Electronics

NAVIGATIONAL AIDS

Position and charting equipment consists of redundant hardware and multiple power sources to maximize reliability and availability. Dual radars are heading stabilized for ARPA.

Nobeltec TZ Professional ECS class appropriate chart plotting system with radar overlay provides coastal navigation tools with excellent charting database and bathymetric data for coastal cruising.

System components include:

- Radar 1: Furuno FAR-2238SBB S-Band radar with 12' open array, 96 NM range
- Radar 2: Furuno FAR-2228SBB X-Band radar with 8' open array, 96 NM range
- Searchlight: Two Carlisle & Finch 200 watt Xenon, 15 million candle power with remote controls
- Electric horn & hailer: Kahlenberg KB-30A, automated signal timer in Pilothouse
- Air horn: Kahlenberg F-2 five trumpet, push button control at all steering stations
- Wind, depth, and speed instruments: Airmar/Maretron DSM410/NMEA 2000 network
- Fluxgate rate compass for TRUE heading backup
- Furuno satellite compass for TRUE heading
- Furuno GNSS GPS receiver: Two
- Furuno Video Depth sounder
- Furuno Doppler speed log

EXTERNAL COMMUNICATION SYSTEMS

External communications (off vessel) consist of a mix of radio, cellular, hard-wired and satellite based technologies.

System components include:

- High-speed internet: Two Starlink Flat High Performance Maritime antennas
- Cellular telephone service: Two dual SIM cellular LTE data terminal, region specific
- Iridium provides worldwide satellite voice and data coverage, includes one voice and one data line
- Iridium satellite phone handset with charger and cradle
- Shore phone connection for phone and internet
- Wi-Fi marina hotspot amplifier
- AIS class A transponder
- VHF radio: Furuno FM-4800 (Radio Room, Crew Mess, and main Galley)
- VHF radiotelephones: Two Furuno SOLAS approved (Pilothouse)
- ICOM GMDSS handheld VHF radio: Two
- Furuno SSB and Furuno Std 'C' satcom

INTERNAL COMMUNICATION SYSTEMS

Onboard communications via thirty-six station digital VOIP phones with intercom.

Internet connectivity through Westport Integrated Network (WIN) system, wireless access is available throughout the vessel. Internet connection methods: satellite via Starlink and Iridium, Wi-Fi hotspot, cellular, and shore connection.

CAMERA SYSTEM

CCTV system distribution with primary interface/display in the Pilothouse. Camera locations: Aft Mast, Port and Starboard Side Decks (two each), Engine Room (two), multiview camera at Main Deck Aft, Beach Club.

- System controlled by touchscreen/wireless mouse in Pilothouse and Crestron app in Guest/Crew areas
- CCTV camera recording via camera server
- FLIR M500 series thermal imaging camera
- Dedicated monitor in Crew Mess for security

Interior Finishes

Interior design: Color, pattern and style of interior finishes are tailored to suit individual customer tastes. Westport employs qualified interior designers to assist our customers with décor decisions. Input from outside designers is welcome.

Joiner work: Premium woods, veneers, accent hardwoods, painted and wrapped surfaces are used in public areas and Guest accommodations

Countertops: Throughout the public areas and Guest accommodations countertops are wood with a high-gloss finish or natural stone.

Stone tops in the Galley, Guest, and Master Heads and on buffet and bar cabinets are constructed using thin, lightweight slab with full thickness bonded edge details.

Crew Mess, Crew Head, and Utility areas employ Corian solid surface tops.

Wall coverings: Wall treatments are varied throughout the vessel to suit the décor of each space. Finishes include wood paneling, upholstered panels and direct apply decorative wall coverings.

Headliners: Majilite vinyl fabrics are utilized with wood trim in architectural patterns to complement each space's layout and décor

Upholstery: Fabrics and leathers are chosen to suit the individual customer's décor. Upholstery is hand crafted by Westport's team. Custom upholstered items typically include Pilothouse settees, Pilothouse dash panels, dash hood, and window mullions, loose furniture as required, headboards, and throw pillows.

Window treatments: Sheer cellular window coverings are provided throughout the Bridge, Main Deck and Lower Deck accommodations. Room-darkening blinds are provided in the Master, VIP and Guest Staterooms. Blinds in Guest areas are power operated and controlled through the Crestron system.

Flooring: Natural stone, as selected by Westport Interior Design, is used in the Master, Guest, and Captain's Heads.

Engineered wood is installed in the Galley, Pantries, and Foyers.

High quality stain-resistant carpet is installed in the Salon, Dining area, Pilothouse, Master, Guest and Crew Staterooms, and the Crew Mess.

Amtico or equal vinyl is used in Crew Heads.

Lighting: LED overhead lighting is used throughout the vessel. Lighting is controlled with the Crestron system. Accent and task light fixtures are selected to complement the individual vessel's décor.

Interior Hard & Soft Goods

China and dinnerware: China and stemware collection on the Westport 52 meter serves 16 in formal and casual settings. The barware, cookware, cutlery, bakeware, and utensils list is equally complete.

Linens: The Westport 52 Meter is delivered with a full complement of linens.

Guest linens for bed and bath include pillows, two sets of sheets, including flat, fitted and pillowcases, one blanket, light and medium weight duvets, duvet cover, luggage pad, bathrobes, bath towels, hand towels, and face cloths.

Crew linens for bed and bath include pillows, two sets of sheets per berth, blankets, bath towels, hand towels, and face cloths.

Household linens include Galley towels and dishcloths, bar towels, Crew Mess towels and dishcloths, housekeeping towels, and dust cloths.

Mattresses: Innerspring mattresses are custom made to fit each berth

Staterooms

MASTER SUITE

Private Master Office/Lounge, Stateroom, and Head are found on the Main Deck.

Master Office

- Desk with drawers
- One loose desk chair
- Two occasional chairs
- Side table
- TV and entertainment system

Master Stateroom

- King berth: Leather or fabric wrapped rails and upholstered headboard
- Dresser: Twelve drawer
- Nightstands: Two three drawer
- Loose furniture: Occasional chair and ottoman
- Lighting: LED down lights

His & Her Heads

- Closets: Shared wardrobe and dressing room
- Security vault
- Mirrors: Framed mirrors above vanities
- Vanities: Stone countertop, sinks, fixtures and accessories as specified by Westport Interior Design
- Flooring: Heated lightweight stone
- Toilets: Two Headhunter Royal Flush Bravo
- Showers: Two stone with Euro-style frameless tempered glass door, sealed shower light
- Tub: On port side

VIP Suite - Convertible

VIP Stateroom is located on the Bridge Deck and includes a dressing area that leads to Head with double sinks, a shower, and water closet. Suite features a Juliet balcony to starboard. Stateroom is equipped with a table and two chairs.

Stateroom conversion: The Stateroom is equipped with two sliding partitions allowing the space to be an adjoining sitting area to the Skylounge. The partitions hide within the joinery walls when stowed and have their grooves covered with false panels. When deployed, the partitions form complete walls, sealed for acoustic isolation.

VIP Stateroom

- King berth: Murphy style with upholstered headboard, two drawer storage underneath
- Modular settee fits in place of the murphy bed when not in use
- Nightstands: Two 3-drawer
- Desk/vanity: With three drawers
- Wardrobe: With shelving and closet rods, six-drawer dresser as part of base
- Security vault
- Loose furniture: Tables and two chairs
- Wall treatments: Specified by Westport Interior Design
- Headliner: Specified by Westport Interior Design
- Lighting: LED down lights
- Accent lighting: Specified by Westport Interior Design
- Sliding weather tight door to Juliet balcony

VIP Head

- Vanity: Stone countertop, two sinks, fixtures and accessories as specified by Westport Interior Design
- Flooring: Heated lightweight stone
- Wall treatments: Specified by Westport Interior Design
- Toilet: Headhunter Royal Flush Bravo
- Shower: Stone with Euro-style frameless tempered glass door, sealed shower light

Guest Staterooms

Guest Staterooms located on the Lower Deck feature built-in dressers, nightstands, wardrobes, and an impressive audio/video entertainment system by Crestron. Wall treatments and carpeting are specified by Westport Interior Design.

Staterooms 1 & 2

- Port & Starboard Aft: King berth, leather or fabric wrapped rails and upholstered headboards

Stateroom 3

- Port Fwd: King berth, leather or fabric wrapped rails and upholstered headboards

Stateroom 4

- Starboard Fwd: Twin set, with desk between

Guest Heads

- Vanity: Stone countertop, sinks, fixtures and accessories as specified by Westport Interior Design
- Portlights: Fixed portlight with removable stainless deadlight cover
- Flooring: Lightweight stone
- Wall treatments: Specified by Westport Interior Design
- Toilets: Headhunter Royal Flush Bravo
- Showers: Stone with Euro-style frameless tempered glass door, sealed shower light

Captain's Suite

Accessed from Ship's Office, which is located immediately aft of the Bridge.

Captain's Stateroom

- Berth: Queen-size berth, storage below
- Wardrobe: Shelving and closet rod, drawers at base
- Nightstand: Three drawer
- Wall Treatments: Specified by Westport Interior Design
- Lighting: LED down lights
- Accent lighting
- Security vault

Captain's Head

- Vanity: Lightweight stone countertop with undermount sink
- Flooring: Lightweight stone
- Toilet: Headhunter Royal Flush Bravo
- Mirror: Framed mirror above vanity
- Shower: Molded fiberglass shower
- Fixtures and accessories: As specified by Westport Interior Design

Crew Quarters

Ten crew members are accommodated on the forward Lower Deck in five cabins, each with head and shower. Crew corridor leads aft through the Crew Mess and Housekeeping area to Guest Foyer, facilitating service to guests.

Dining Room

Formal Dining Room is forward of the Main Salon. Servers have easy access from the Galley via an automatic door through the Pantry on the port side. Guest access is from the Main Deck foyer on the starboard side.

Formal dining table: Accommodates twelve guests

Loose furniture: Twelve formal dining chairs

Buffet/storage: Centerline to provide storage for place settings, china, formal flatware, and stemware

Overhead detail: Headliner material and design per Westport Interior Design, with distinctive overhead feature over the dining area

Main Salon Lounge

A spacious, elegant, and comfortable area for entertaining and relaxing.

Loose furniture: Two sofas, port & starboard, four occasional chairs, two each port & starboard, two cocktail tables, port & starboard

Entertainment center: Built into center buffet

Aft door: Motorized entry glass doors & panels with stainless steel framing and pneumatic seal for weather tight seal

Main Deck & Bridge Deck Day Heads

Vanity: Stone countertop with undermount sink

Faucet and bath accessories: As specified by Westport Interior Design

Flooring: Lightweight stone

Toilet: Headhunter Royal Flush Bravo

Skylounge

The Skylounge offers panoramic views and easy access to the aft Bridge Deck for dining. Skylounge space may be joined to VIP Stateroom by stowing partitions (see VIP Stateroom).

Vista bar: Port side with sink, undercounter refrigerator, and four bar stools

TV and entertainment center

Furniture: Sectional sofa with ottoman / table

Exterior doors: Sliding weathertight door to port opens to Juliet balcony, aft motorized weathertight door opens to aft Bridge Deck

Pilothouse

Access is via Ship's Office, Crew stairwell, or stairs from Main Side Decks.

Bridge console: Leather-covered dash panels

Helm wheel: Stainless steel with polished teak rim

Chart table: Port side of main helm, five drawers

Flag storage: For 24 courtesy flags

Log book

Helm chair: Two Stidd, leather or fabric to match settee

Settee: Covered in leather or fabric as specified by Westport Interior Design, wood side panels

Settee table

Wall treatments: Wood or fabric panels as specified by Westport Interior Design

Lighting: LED down lights

Ship's Office

A/V equipment rack: Solid wood joiner door, air-cooled by Fantech 6" inline fan

Furniture: Built-in desk with loose desk chair

Galley & Stores

The Galley is arranged for the professional chef featuring stainless counter space, ample food preparation surface, Pantry, and Stores with dry storage shelves and a walk-in freezer and cooler for extended cruising.

Galley

Galley cabinets: Restaurant Design and Sales (RDS), stainless steel

Lower prep cabinets: RDS, stainless steel with integrated preparation sink and countertops

Sink/faucet: RDS, stainless steel double sink with custom cutting board top, pull out faucet; pot fill faucet mounted at range top

Vent hood: Stainless steel with lights & fire suppression, self-contained

Appliances

- Induction range: CookTek, includes pot fill faucet
- Combi oven: Two Rational
- Warming drawers: Hatco
- Finishing oven: APW Wyott
- Microwave: Panasonic commercial
- Food processor: Waring commercial
- Food mixer: Hamilton Beach commercial
- Refrigerator and freezer: Perlick
- Refrigerated drawer base
- Dishwasher: Electrolux

Galley Pantry

Prep counter: Corian countertop, sink with pull out faucet, instant hot water dispenser, and ice maker

Upper storage cabinets: RDS, custom stainless steel

Appliances

- Microwave: Panasonic commercial
- InstaHot water dispenser: InSinkErator
- Dishwasher: Fisher Paykel
- Refrigerator: Undercounter
- Espresso machine
- Coffee brewer: Fetco

Galley Stores

Dry storage shelving: RDS, includes Seaworthy Rack & Basket Storage System

Walk in cooler: RDS, includes Seaworthy Rack & Basket Storage System

Walk in freezer: RDS, includes Seaworthy Rack & Basket Storage System

Trash compactor: Krushr

Bridge Deck Pantry

Counter: Corian countertop, sink with pull out faucet, instant hot water dispenser

Upper storage cabinets: RDS, custom stainless steel

Appliances

- Microwave: Panasonic commercial
- InstaHot water dispenser: InSinkErator
- Refrigerator: Undercounter

Mechanical Spaces

Engine Room

Access is through the Control Room. The Engine Room additionally contains chillers, watermakers, and waste treatment systems and is equipped with a workbench and sink with hot & cold supplied water.

Control Room

Access is through the port Engine Room air trunk. The room contains a desk, stereo/CD player and speakers, electrical distribution, RJ45 and RS45 network jacks, service port, required computer equipment and monitoring.

Aft Bustles

Located port and starboard aft, access is via watertight doors from the Beach Club. The rooms contain dive compressor, dive equipment storage, shore power cord storage, hydraulic systems, and steering equipment.

Exterior Appointments

Hull Sides & Bottom

Name boards: Backlit LED , located aft of port and starboard bridge wings, custom font available

Stern name: Backlit LED vessel name on transom, hailing port in vinyl lettering, custom fonts available

Hull side rub rails: Upper and lower molded composite with 2” stainless steel half oval rub strip

Thru-hulls: All thru-hull fittings below the waterline are bronze with bronze valves and bonding. Main engine raw water supply is copper nickel piping with bronze butterfly valve.

SWIM PLATFORM

Decking: Teak

Hose bibs: For wash-downs

Portable shower

Sockets: For swim ladder

Pop up cleats: Four in the Swim Step guard

Hatch: Gasoline filling and service station

Steps: Port and starboard with handrails to Main Deck

Underwater lights: Six LED

Mooring hawses: Two port and starboard, lead lines up to aft main deck

Swim ladder: Folding handle, stainless steel with teak treads

Transom door: Hinged door lifts for access to beach club

Stainless rails: Railings to be 2" mirror polished stainless steel. Swim Step will have 2" diameter removable staple-style rails.

BEACH CLUB

Fold-down beach platforms port and starboard. Platforms deploy hydraulically and are equipped with dogging pins when stowed. Grill openings in platforms are covered by removable teak panels when in use. Fold-out panels to cover storage area for cradle components when in Beach Club mode.

Decking: Teak

Hose bib: For wash-downs

Tie downs: Universal Tie Down System provisions

Pop up cleats: Three in each beach platform

Sockets: For swim ladder in each beach platform

Access stairs: To Main Deck, stainless framed, with teak treads

Day Head: Fitted with toilet, sink, A/C and vent

Wet bar: Sink and refrigerator are fixed to forward bulkhead, sliding bar stows at bulkhead and slides aft on tracks for use

Furniture: Three barstools, loveseat, two occasional chairs, two cocktail tables, two side tables. Storage arrangements provided for loose furniture when tenders are in storage.

TV and entertainment system

MAIN DECK

Decking: Aft and side decks are Teak

Furniture: Love seat, semi-integrated settee aft, two occasional chairs, two cocktail tables, two side tables

Bar: Traditional full service bar with wood or stone bar top, stone work surfaces, refrigerator, sink, bottle and barware storage, three barstools. Lighting control for Aft Deck and entertainment system controls.

Passerelle: Nautical Structures, hydraulic, incorporating deployable boarding stairs

Sun shade: Removable sun shade canopy provides shade at aft end of deck

Access to Beach Club: Sliding hatch to starboard

Access stairs up to Bridge Deck: stainless framed, with teak treads

Wind doors: Stainless steel glass doors with sea locks for open position

Foredeck

Decking: Non-skid

Storage: Concealed storage areas under sun pads for jet skis, deck gear, and water toys. Man-doors to storage areas as well as hinged sun pad covers.

Hose bib: For wash downs

Jack staff: For pennant flag

Ship's bell: Chrome, with bell hoop

Deck lighting

Anchor windlasses: Two

Hatch: Flush on centerline

Chain locker: Access and fender storage, access for windlass control pennants and access for chain wash-down controls

Foredeck seat: Teak grate

Access stairs: On centerline, stainless framed, with teak treads

Davit: 1,100 pound capacity, telescoping base, full hydraulic control. Davit deploys as the forward light mast for nighttime navigation.

Bridge Deck Forward

Decking: Teak

Hose bibs: For wash downs

Sun pads: Over foredeck lockers hinge up for locker access

Settee: Semi-integrated settee forward of bridge

Furniture: Cocktail table / ottoman

Access stairs down to main side decks: Port and starboard, stainless framed, with teak treads

Access stairs up to Sun Deck: Stainless framed, with teak treads

Bridge Deck Aft

Decking: Teak

Hose bibs: For wash downs

Flagstaff: Stern flagstaff for 5' x 8' ensign

Wind doors: With sea locks for open position

Access stairs up to Sun Deck: Stainless framed, with teak treads

Furniture: Dining table, twelve Teak dining chairs, two occasional chairs, cocktail table

Bar: L-shaped bar with sink and refrigerator. Lighting control for Aft Bridge Deck via iPad. Entertainment system controls via iPad. Two BBQ's with electric elements.

SUN DECK

Decking: Teak

Furniture: Four barstools, loveseat, settee, four occasional chairs, cocktail table, two side tables

Windscreen

Bar: L-shaped bar with sink and refrigerator

Hot tub: Located forward, multi zone jets

Sun pad: Surrounding hot tub, with convertible curved settee forward

Day Head: Located just aft of hot tub, with toilet, sink, A/C, and vent

Powered sliding hatch: To central stair

Deck lighting

Skylights: Tinted acrylic

Hose bibs: For wash-downs

Composite mast

Hard top: Integrated with mast, composite

Courtesy flag halyards: Port and starboard on mast

Davit: 1,700 pound capacity, telescoping base, full hydraulic proportional control, back up from emergency power pack. Davit stows under bulwark fascia piece.

Rescue tender storage: Concealed under hinged sun pad

Life rafts: Launch assist and embarkation lights in cradles, with hydrostatic release. Life rafts concealed under float-away fascias.

Stainless rails: Railings to be 2" mirror polished stainless steel

Raised aft deck: Raised aft open deck with universal mounting system provisions

TENDER & SHORE BOATS

Tenders store in the beach club on removable chocks and launch quickly by cantilevered overhead beam crane. The rescue boat mounted on the Sun Deck launches by crane. Another crane on the Foredeck allows the launch of other water toys.

Crew/rescue boat: 13' with Yamaha 30hp 4 stroke outboard engine, tiller-steered

Tender: 22' with diesel powered inboard/outboard engine

Crew boat, tender, and water toy chocks: Welded aluminum, white powder coat finish; tender chocks are easily removable

Tender lift bridles: Custom fit web, three or four point design with stainless steel hardware

Tender fenders: Four 6" x 24" heavy duty with covers

EXTERIOR UPHOLSTERY

Covers: Pearl Grey Stamoid covers are custom made for exterior settees, tables, bars, tender, sun pad/hot tub, and loose furniture. Pearl Grey Stamoid bags will be utilized for loose handrails for passerelle, boarding ladder, and items such as folding chairs.

Cushions and sun pads: Custom fit and upholstered in customer-selected color and pattern

UNDER WATER DIVING EQUIPMENT

Under water diving equipment located in the aft bustle is convenient to the Beach Club.

Dive compressor: Brownies YP55DF, fixed unit capable of 5 cubic feet per minute

Manifold: Included with compressor, for simultaneous filling of four tanks

Tanks: Catalina, 80 cubic feet, cylindrical

Suit storage: Hanging arrangements inside Bustle (stainless hardware)

Safety Equipment

Vessel is equipped with requisite safety equipment for charter service under Cayman Islands Shipping Registration for up to 12 passengers & 11 crew.

Plans and Support

Westport provides 24/7 on call support during the initial familiarization, owner/crew orientation at dockside, and during sea trials. The terms of this support may vary.

Vessel is provided with the following documentation:

- Docking plan
- Electrical schematic
- Equipment informational packages
- Outboard profile
- Fuel oil system diagram
- Fresh water and drain diagram
- Air conditioning arrangement
- Tank capacity curves
- Owner's manual

Westport reserves the right to make changes and/or substitute components, materials, and inventories that Westport determines are more appropriate for the intended use than those listed in the specifications. Such substitutions shall be of like or better quality. There will be no charges or credits for any substitutions initiated by Westport.