

TECHNICAL SPECIFICATIONS - Selene 66 Ocean Trawler			
24/Mar/21			
Revision 1			
SHIPS STRUCTURE			
1			Principal Dimensions:
	A		LOA: 71'-5" (21.77 M)
	B		LOH: 67'-2" (20.47 M)
	C		LWL: 62'- 9" (19.13 M)
	D		LOD: 63'- 6" (19.35 M)
	E		BEAM: 18'- 8 " (5.69 M)
	F		DRAFT: 6'-3" (1.90 M)
	G		DISPLACEMENT: 151,200 Lbs (68.6 Tons)
	H		BALLAST: 2,645 Lbs (1,200 Kgs)
	I		WATER CAPACITY: 600 USG (2,271 Liters)
	J		FUEL CAPACITY: 2,400 USG (9,080 Liters) for Twin engine layout
	K		FUEL CAPACITY: 2,600 USG (9,841 Liters) for Single engine layout
	L		BLACK WATER CAPACITY: 230 USG (870 Liters)
	M		GRAY WATER CAPACITY: 150 USG (567 Liters)
	N		BRIDGE CLEARANCE RADAR ARCH UP: 19'-10" (6.05 M)
	O		BRIDGE CLEARANCE RADAR ARCH DOWN: 16'-00" (4.88 M)
2			GENERAL CONSTRUCTION
	A		Hull lamination:
		1	Hull lamination schedule per construction plan, the area below water line to use "Isophthalic" Gelcoat and vinylester resin for the first three (3) layers. Deck lamination schedule per construction plan. Construction plans pertaining to structure to be based on standards set by the AMERICAN BUREAU OF SHIPPING (ABS).
	B		FRP Details:
		1	Hand laid bi-axis and uni-direction stitched woven roving/mat
		2	Vacuum resin infusion hull and superstructure
		3	4 watertight bulkheads (chain locker, collision locker, forward E/R, Aft E/R)
		4	Transverse frames and longitudinal girders system
		5	Vinylester resin for the first three layers
		6	Transverse frames and longitudinal girders system
		7	CPP (Cook) Gelcoat for hull, deck, superstructure and non-skid surfaces
		8	FRP radar arch with s/s radar support
		9	FRP staircase from cockpit to flybridge
		10	Built in settee at Portuguese bridge deck, cockpit and fly bridge
		11	Built in settee at foredeck (Option)
		12	Integral full protected keel & rudder shoe
		13	Recessed bow thruster tunnel
		14	Integral FRP stern thruster casing
	C		Core Materials:
		1	Cabin side (vertical surfaces): Airex of varying degrees of thickness
		2	Cabin top and deck (horizontal surfaces): Airex of varying degrees of thickness
	D		Deck/hull joint:

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		1	Between deck and hull flange: 3M 5200
		2	Inside of joint: Three (3) layers M. & W.R. in all accessible locations
		3	Mechanical fastening: 3/8" thru-bolts on 6" centers
	E		Longitudinal Stringer:
		1	Hull: Full length each port and starboard
		2	Hull: Transverse Frame System
	F		Water tight bulkheads:
		1	Water tight bulkheads per construction drawing to include, but not limited to the following areas: Between crew quarters and E/R, E/R and lower guest cabins, Aft bulkhead of Fwd. Guest cabin, and chain locker/collision bulkhead.
3			MACHINERY DETAILS
			Main Engines
	A		Main Engine:
		1	Single Cummins QSM11, 610 BHP @ 2100 RPM High Output Duty. Wet exhaust & 24VDC starting
		2	Gear Box: ZF 360, 2.917:1 reduction
		3	Alternators: 24VDC 80AMP
		4	Walker "Air Sep" crankcase ventilation
		5	Two (2) Vision 6FM200D-X batteries connected in series for 24VDC 200AMP start
		6	Engine beds to have 1/2" stainless steel cap on top of bed and 1/4" plate on sides, plates are to be highly polished stainless steel.
		7	Each engine mounted on (4) resilient mounts
		8	FRP drip pan under engine
	C		Engine Controls and Panels:
		1	Two (2) stations: pilothouse, fly bridge. Controls in aft deck and P&S bridge are optional.
		2	Engine instrument panels with alarm that will monitor Tachometer, Engine oil pressure, Engine water temp, System voltage, Gear oil pressure and fuel burn for each main engine.
	D		Propellers:
		1	NiBrAl alloy 4 blade counter rotating propellers. Propellers to be built to I.S.O. class 1
	E		Propeller Shafts:
		1	Aqualloy 22 or equivalent, 3" diameter
		2	Taper details: Standard SAE
		3	Line cutters on each main engine shaft (Option)
	F		Shaft tubes:
		1	Material: Amartech FRP
		2	Bearings: rubber cutlass type
		3	Stuffing Box: bronze
	G		Fuel Filter(s):
		1	One (1) Racor 75-900MAX duplex with 10 micron filter elements.
		2	One (1) Racor 75-500MA filter in addition to secondary generator mounted filter for the generator engine. Optional second filter for optional generator.

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	H		Engine room floor :
		1	All engine room floors and structural members to be FRP with white gel coated surfaces.
	I		Noise Control Systems:
		1	Engine room ceiling and forward bulkhead and aft bulkhead treated with 3" of sound insulation lead foam. and damping plate covered with white aluminum panels.
		2	Salon/galley cabin sole to have 45mm core system and 1/4" decoupler layer
		3	Engine room hatches to have rubber gasket and lock down mechanism
		4	Forward cabin between hull and hull ceiling to be insulated with 1" thick insulation foam
		5	Seal all holes and cracks in engine room parameter to prevent noise leakage.
	J		Engine Exhaust:
		1	Wet exhaust system for each engine design
		2	Hydraulift FRP wet box muffler
		3	Trident silicone exhaust pipe
			Generator:
	K		Generator #1:
		1	Onan model #MDKBU 27KW 120/240VAC single-phase/50Hz
		2	Wet exhaust system using gen-sep water separator
		3	Two (2) Vision 6FM150D-X batteries connected in series for 24VDC 150AMP start
		4	Alternator: 24VDC 40AMP
		5	Main panel located in pilot house and start stop on main electrical panel
	L		Hydraulic System (Option) :
		1	Trac Hydraulic powered 38 HP bow and stern thrusters using 12" tunnels with proportional controls at 2 stations
		2	Trac #300 digital stabilizer system with 9 or 12sq. ft. fins and dual station control. Stainless steel kelp cutters fwd. of fins tied to bonding system. System to be powered with engine driven pump
		5	Each main engine fitted with a clutchable PTO and hydraulic pump
4			HEATING, VENTILATION AND AIR CONDITIONING SYSTEMS (HVAC)
	A		Air Conditioning System (Option):
			Reverse Cycle A/C System:
		1	CruisAir reverse cycle air conditioning system (10,300BTU's), 230VAC
		2	Control Panel: Unit Panel, 2 Pump Relays, PR3X-3C, 115/230V, with three 230V Triggers
		3	Compressors:
		4	(2) RX20CK-417 - SMX II, 20,000 BTU/Hr, 417 Refrig, 220-240/50/1
		5	(1) RX24CK-417 - SMX II, 24,000 BTU/Hr, 417 Refrig, 220-240/50/1
		6	(1) RX32CK-417 - SMX II, 32,000 BTU/Hr, 417 Refrig, 220-240/50/1
		7	(1) RX7CK-417 - SMX II, 7,000 BTU/Hr, 417 Refrig, 220-240/50/1
		8	Air Handlers:
		9	Crew Cabin - 215413200 TV7, R-22/R-417A compatible, 230V

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		10	Master Cabin and Head - REU20C-7" MR Hi Eiff 16K,20000BTU/Hr, 7"hose adagpter 230V/50-60/1
		11	Guest Cabin - 215413200 TV8, R-22/R-417A compatible, 230V
		12	VIP Cabin and Head - 215413400 TV12, R-22/R-417A compatible, 230V
		13	Pilothouse - (2 ea) 215413400 TV12, R-22/R-417A compatible, 230V
		14	Salon/Galley - (2 ea) TV16, R-22/R-417A compatible, 230V
	B		ENGINE ROOM VENTILATION SYSTEM:
		1	Two (2) Intake Fan - One louvered vent Starboard side deck aft in the engine room with screened blower inlet.
		2	Two (2) Exhaust Fan - One louvered vent on Port side decks aft in the engine room with screened blower inlet.
		3	Natural air intake - Two louvered vent at both side deck in the engine room with alumninum vent above the fuel tank
	C		HEADS:
		1	One (1) Johnson 3" exhaust blower each head
		2	One (1) on/off switch
		3	Ducting is to be 3"
	D		STATEROOMS:
		1	One (1) natural vent for VIP stateroom.
		2	Ducting is to be 3"
		3	Cabin intake air is to come from a louvered intake vents located outside the boat and ducted to the stateroom.
5			FIRE SUPPRESSION SYSTEM
			Engine Room:
	A		Fireboy fixed fire extinguishing system, automatic & maual with electronic shutdown of engine, generator, and engine ventillation blowers
		1	(1) FD-1000M cylinder assembly
6			STEERING SYSTEM
	A		Steering System:
		1	SeaStar Hydraulic Steering System - 35 degree Rudder Deflection, Two Station: Pilot house and fly bridge
	B		Hydraulic lines:
		1	Seamless copper tubing 5/8" I.D. with reinforced rubber hydraulic lines to the hydraulic rams and helm pump.
	C		Steering wheel:
		1	30" Diameter wood covered S/S wheel in pilothouse & fly bridge
	D		Emergency tiller:
		1	To attach to top of stbd. Rudderpost
7			RUDDERS
	A		Rudder stock:

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		1	3" S/S 316
	B		Rudder:
		1	Fully protected FRP rudder per JTM Design
	C		Rudder carrier shoes:
		1	Two piece fabricated 316 stainless steel. Main piece fastened to hull by rivets. Aft piece removable so that rudders can be removed.
	D		Rudder stock stuffing box:
		1	Bronze traditional style x 2
	E		Rudder stock tube:
		1	FRP with bronze/rubber cutlass bearing at the bottom
		2	"T" bolt clams at stuffing box x 2
8			TANKAGE AND PLUMBING SYSTEM
	A		Water Tanks:
		1	Number and capacity: Two (2) SS tanks totaling 600 gallons
		2	Material: S/S 316 3mm
		3	Inspection plates: Appropriately positioned and sized for access
		4	Tanks air tested to 4.5 pounds per sq. inch
		5	Each tank to have "Wema" level gauge
		6	Each tank to be fitted with sight gauge
		7	Tank baffles to be spaced on 24" centers
		8	Tanks to comply with ABYC section H-23 for potable water systems for use on boats
		9	Cleanliness: Tank interior surfaces to be thoroughly Vacuumed and wiped down prior to final closure
	B		Fuel Tanks:
		1	Number and capacity: Two (2) main tanks totaling approximately 2600 gallons. Two tanks should be connected by a 1" fuel line and ball valve.
		2	Aluminum fuel tank. To comply with all ABYC codes for diesel fuel tanks. Tanks to be coated with fire retardant Gelcoat on outside to comply with ABYC section H-33.20 for fire resistance.
		3	Inspection Plates appropriately positioned for interior access by average size man. Plates to be fitted with labels that contain all information as stated in ABYC section H-33.16.3. Each internal baffle to have a removable panel to allow access to entire interior of all fuel tanks.
		4	Each tank supplied with tank gauges with displays located at the helm station
		5	Magnetic sight gauge for each E/R fuel tank
		6	Each tank to be air tested to 4.5 pounds per sq. inch
		7	Provide baffles on 24" centers
		8	ESI #CFS-1000-FRE230 fuel polish system can transfer fuel from one tank to another and polish the fuel while transferring.
		9	Cleanliness: tank interior surfaces to be vacuumed and wiped clean before final closure
		10	Each tank to have two (2) 1" I.D. vent lines
		11	Each tank to have separate 2" I.D. fill pipe located a minimum distance of 18" from any ventilation openings.

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		12	All hardware that comes in contact with fuel to be bonded into the ships grounding system.
	C		Fuel Pipe and Hose:
		1	Supply lines from engine room tanks are 2" ID with Parker brand fuel hose and swaged brass fittings
		2	Fuel line to main engine filter is 1/2" ID with Parker brand fuel hose and swaged brass fittings
		3	Fuel lines to the generator(s) to be 3/8" ID with Parker brand fuel hose and swaged fittings
		4	Vent lines to be Trident fuel certified, reinforced hose 1" ID
	D		Water Piping:
		1	Cold water: Hose from water tanks to water pump and to accumulator to be 1" diameter reinforced and approved for potable water; Branch lines to be 1/2" PVC pipe (blue) PEX or equivalent
		2	Hot water: Reinforced 1/2" PVC pipe (red) PEX or equivalent
		3	Sea water hoses: Trident brand reinforced for marine use and provided with double stainless steel clamps below the water line
		4	All hoses used shall meet the requirements for service as set out by ABYC for the system intended
	E		Hot Water Heater System:
		1	Heater: One (1) Torrid MVS-30 30 gallon with dual 240VAC elements
		2	System can be connected to the main engine for water heater/ exchange heating.
	F		Thru Hulls:
		1	Bronze body, S/S Balls and Teflon seats
		2	Grounding wire: #6 gauge green wire
		3	Each thru hull to have a clearly visible tag indicating use
		4	Each thru hull to be readily accessible
	G		Fresh Water System:
		1	Main Pump: Johnson WPS Duo 10.4 24V DC pump with pressure regulator
		2	Hose from water tanks to water pumps and to accumulator to be 1" diameter reinforced and approved for potable water
		3	Filter: Water filter housing with a 5 micron sediment filter installed downstream of fresh water discharge manifold
		4	Pump Selection Manifolds: Pump inlet and discharge manifolds made of stainless steel standard pipe. Supply manifold furnished with isolation ball valves from each fresh water tank, to each fresh water pump, and from the water maker. Discharge manifold furnished with isolation valves from each pump.
		5	Fresh water fill w/SS cap
		6	Fresh water system will use rigid PVC piping and PEX tubing
		7	Water maker: 1200GPD or larger Osmosea with UV sterilizer, media filter and remote panel. (Option)
	H		Plumbing fixtures:
		1	Head sinks - Four (4) total: Master Cabin x 1, VIP/guest lowers x 2, and aft crew.
		2	Galley sink: Frankie #ZR620A S/S double sink
		3	Head faucets: Grohe Model#33558001 chrome

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		4	Galley faucet, Grohe Model#33933000 chrome/black
		5	Shower fixtures: All Grohe #28593000 handle, #19507001 faucet, #28.820 24" shower bar, #28.151 hose, #32388 thermostat valve
		6	Scandvik aft deck shower installed at the stern
		7	Fresh water outlets on the foredeck, fly bridge, transom and one (1) in engine room
	I		Shower and sink sump pump system for crew head:
		1	One (1) Johnson sump box located under cabin sole in laundry area. Shower ,sink, e/r sink and washer drain to pump via PVC manifold with 1 1/2" outlet. Sump pump discharges to gray water tank. Requires 1/2" vent line.
		2	One (1) Johnson sump box located under crew cabin sole. Crew shower, and washer drain to pump via PVC manifold with 1 1/2" outlet.
	K		Bilge Pumps:
		1	Electric: Four (4) Johnson #22081 2200GPH bilge pumps, 1" diameter ports, with "Ultra Senior" auto float switch #UPS-01-24/32 for cabins.
			Electric: One (1) Johnson #40081 4000GPH bilge pump, 1" diameter ports, with "Ultra Senior" auto float switch #UPS-01-24/32 for engine room.
		2	Manual: Whale 4410 + DP8904 for engine room
		3	High Water Bilge Alarm Panel - High water bilge sense will come from std. Ultra Senior in each bilge compartment. Visual and audio alarm panel in pilot house.
	L		Toilets and Holding Tank System:
		1	All toilets to be Tecma fresh water toilets, total four units. Two Tecma Silence Plus toilets for master and VIP head, two Tecma Silence Short toilets for guest and crew head.
		2	Water supply to toilets to be fresh water only
		3	Holding Tank: One (1) 170Gal FRP holding tank located under the fwd. cabin sole for three cabin heads, and one (1) 30Gal FRP holding tank at aft located under the swim platform for crew head.
		4	Piping to use only schedule 80 PVC pipe or Trident "Odor Shield" #140 sanitation hose
		5	Holding tank overboard pumps: Johnson Viking power 32
		6	Holding tank vent to use vent filter
		7	Deck fitting for portable evacuation facility
	M		Gray Water System:
		1	Tank: One (1) FRP 150 gallon tank. All sinks, showers, and air conditioning condensate to drain to tank. All drains to have "P" traps and sloped downhill run to tank. Exception: Crew head sink and shower, laundry and forward guest cabin head drains will be pumped to gray water tank with Johnson Viking power 32 sump pumps as described. Tank equipped with electric and manual discharge pumps, level switch for pump starting, and level monitor system.
		2	Tank overboard pump: Johnson Viking power 32
	O		Oil Change System:
		1	Reverso #GP3023-24V DC powered oil change system plumbed to engine, gear box and generator
		2	All hose used in oil change system to be Parker brand fuel hose and swaged brass fittings
	Q		Central Vacuum system (Option):

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		1	Central Vacuum - Brand TBD
		2	Inlet valves - plastic inlet valves with wires in brown
		3	Hose sock-gray
		4	Floor rug combo tool
9			ELECTRICAL SYSTEM
	A		The AC electrical system:
		1	The vessel is fitted with two (2) 220VAC 50amp shore inlets at the stern. AC selector control switches allow the operator to select the source(s) of power from either the generator(s) or shore power. AC service is distributed through custom electrical panels containing 220VAC section, volt and amp meters and individual breakers and fuses for branch circuits.
		2	One (1) Mastervolt 5.0kVA combi inverter system for limited ships power, control power to the helm station and for refrigeration during times when the generators and shore power are offline.
		3	AC Outlets are standard Vimar Europe or USA format. Locations TDB
		4	All outlets in head compartments, mechanical spaces, exterior and galley are Vimar GFCI type. All external outlets have water proof covers.
	B		The DC electrical system:
		1	The DC electrical system is a 24VDC distribution system with a maximum capacity of 1,600 amp/hours. The DC system is to provide power the ships inverter system and provide power to the helm station DC equipment, and ships service. DC service is distributed through custom electrical panels containing 24VDC and 12VDC sections, volt and amp meters and individual breakers and fuses for branch circuits.
		2	Standard batteries are located per machinery layout drawing
		3	24VDC ships battery bank - Consists of 24, Vision 2 volt CL800 AGM batteries each. connected in series. A total battery bank capacity of 1,600 amp/hours is provided for control, ships equipment and limited operation without operation of a generator or shore power connection.
		4	12VDC helm power is drawn from a Mastervolt 30amp 24 to 12VDC converter system
		5	Main engine starting - (2) Vision 12V 6FM200D-X batteries connected in series for 24VDC 200AMP starting. Switching logic to parallel with 24VDC ships bank for emergency starting.
		6	Generator starting- (2) - Vision 12V 6FM150D-X batteries connected in series for 24VDC 150AMP starting. Switching logic to parallel with 24VDC ships bank for emergency starting.
	C		24VDC battery charging:
		1	Two Mastervolt 24VDC, 100amp battery chargers
		2	One Mastervolt 5.0KW Inverter/charger provides a total of 120 amps at 24VDC for the ships battery bank.
		3	Main engine starting battery banks (24V 200AMP) is charged from the respective engine alternator 80AMP. These alternators are also available through automatic charging relays to support the ships battery bank.
		4	Generator starting battery banks (24V 150AMP) is charged from the respective engine alternator 40AMP.

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		5	One Mastervolt 24V 30AMP battery charger for engine and generator emergency starting.
		6	Each charging source can be switched to accommodate any single failure of a charging device.
	D		Vessel Monitoring (Option):
		1	Maretron backbone to be run the length of the vessel for vessel monitoring ships equipment and critical systems.
	E		Wire:
		1	All wire to be marine grade, tinned conductor, sized according to the ABYC Standard
	G		Wire Terminations:
		1	Connectors to be ring type with closed end seamless construction.
	H		Corrosion control:
		1	All thru hulls to be bonded together with a #6 green wire and tied into the DC negative system
		2	All hardware mounted below water line - i.e. stuffing box, rudder shoe, rudder frame, all thru hulls, engines, and strainers to be connected to bonding system
		3	Zinc plates to be tied into the bonding system based on the hull potential requirements of the vessel.
	I		Electrical Panels:
		1	Main AC distribution and control panel located in P/H.
		2	Main DC distribution and control panel located in P/H.
		3	AC/DC distribution panel in pilothouse for helm instrumentation, navigation, communications and Helm equipment.
		4	Ships battery control at the helm station
		5	Engine/gen start battery and emergency parallel control panel in engine room, control of the panel at the helm station
		6	Generator start/stop panel in pilothouse
		7	Helm station control and monitoring panel for bilge pumps, engine room ventilation, navigation lights, high water alarms, pump monitoring and other shipboard systems.
10			INTERIOR
	A		General:
		1	Teak, cherry or oak veneer (straight grain or mountain grain)
		2	Bulkheads, teak or cherry veneer
		3	Vinyl & EVA foam finished ceiling & bulkhead for bathroom
		4	Drapery or blinds for saloon & each stateroom
		5	Grab rails, teak
		6	Headlining, acoustical vinyl
		7	Lamp push button for all door lockers & drawers
		8	Teak & holly or wood parquet interior floor for cabins
		9	Teak grid flooring for engine room
		10	Floating floor
		11	Tinted tempered window glass 10~12 mm
		12	Clear tempered glass 12mm for front windshield
		13	Corian or granite head floor
		14	Granite or Corian galley counter top w/back splash

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	15		Granite or Corian head counter top w/back splash
	16		Interior steps to all teak. Corner of steps to have nonskid varnish.
	17		Interior lockers and drawers to be locking with chrome push button
	18		Interior overhead panels - Removable, held in place by Velcro.
	19		Schwepper interior door lock sets to be chrome brass
	20		Interior cabin doors to have rubber gaskets for sound reduction and door hooks
	21		Hanging lockers to have automatic interior lights controlled by micro switch. Lined with Cedar.
	22		Solid (non louvered) cored doors for heads and staterooms 1.25" thick with rubber gaskets on door jambs
	23		Interior teak woodwork including cabin sole in pilot house to be varnished with satin varnish
	24		Salon tables, pilothouse table to be varnished with high gloss varnish
	25		All hand rails to be teak.
	26		Mirrors are located thru out vessel as shown on interior drawings
	27		All drawers to have stainless steel ball bearing slides
	B		Galley:
	1		Liebheer #CBNeS 5067 home size large refrigerator
	2		Siemens #HF24G562 Microwave
	3		Forece 10 #73351 three burners electric range and oven
	4		Siemens #SF53501 Dishwasher
	5		Broan #15BLEXF Trash compactor
	6		Exhaust fan above the stove
	7		Granite or Corian counter top
	8		Frankie #ZR620A S/S double sink
	9		Grohe #33933000 Single lever swivel type retractable faucet
	10		Overhead cabinets
	11		Drawers & storage lockers w/shelves under counter
	C		Dining Room:
	1		Leaf style dining table seats for 6 persons
	2		Six (6) loose dining chairs
	3		Cabinet storage below windows to starboard
	4		Wood/mirror overhead lighting over the dining table area
	D		Main Salon:
	1		Floors: Teak and holly
	2		Sofa with hi-lo foldable teak parquet table
	3		Entertainment center w/pop-up TV cabinet
	4		Dutch door for saloon entrance
	5		Dutch door from side deck or steps from salon access to crew cabin
	6		Teak blinds w/ decoration drapes
	7		TaiWan made TV lift for 42" plasma TV on side of salon (TV not included)
	8		Prewire for surround sound speakers
	9		Teak valance/air con soffit P&S and aft sides of salon
	10		Mullions along port and starboard side for installation of window treatments
	11		Overhead to have perimeter recess with strip lighting
	E		Master Cabin:
	1		Floors: Teak and holly
	2		Cabinet/paneling: varnished teak

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		3	Mattress: Standard Queen size 5" thick foam
		4	Port and starboard berth cabinets & drawer bureaus
		5	Full high wardrobe and dressing room with automatic light and aromatic cedar liner
		6	Safe located at master stateroom
		7	Sofa to port master cabin
		8	TV/Video cabinet
		9	Desk with stool
		10	Teak headboard frame
F			Master Stateroom En-suit Bath:
		1	Floors: Granite or Corian tile to be specified with order
		2	Counter top: Granite or Corian with bull nosed edges
		3	Mirrors and towel bar: As shown on drawings (TBD)
		4	Molded FRP shower stall with frameless glass doors
		5	Cabinet/joiner work: All teak
		6	Locker and drawer interior finish: Formica
		7	S/S 316 toilet paper holder
		8	Vanity unit w/integral wash basin
		9	Teak removable grating panel for shower room
		10	Medicine cabinet with mirror
		11	Vanity mirror w/teak frame
G			Pilothouse:
		1	Floors: Teak & holly
		2	Cabinet/joiner work: Varnished teak
		3	Counter tops and instrument panel faces: Formica #939 dark gray
		4	Teak table at settee
		5	Helm seat - Stidd 500N-2X2 Low Back "Slimline". Ultra-Leather and pedestal color are buyer's choice (Option)
		6	Chart table w/ BCM chart light
		7	Locker interior finish: Formica
		8	Chart drawers as located per interior drawings
H			Forepeak (Chain Locker) Water tight collision bulkhead:
		1	Shelves: Teak grid shelves for rope storage
		2	Pad eye in each locker for bitter end of chain
		3	Finish: Painted with gray gel coat
		4	Locker to be divided for dual anchors and chain
		5	Both lockers to be self-draining thru thru-hulls at boot top.
I			Crew cabin:
		1	Floors: Teak & holly
		2	Cabinetry and joiner work: Formica with teak trim
		3	Mirrors as shown on interior drawings
		4	Hanging lockers with Cedar wood lining
		5	Book shelves and lockers outboard of lower berth
		6	Drawers under berths
		7	Mattresses: Custom 5" thick foam
		8	Aft stairway to crew cabins and engine room
		9	Bulkheads to be finished: Varnished teak
		10	Bosch separate washer/dryer

TECHNICAL SPECIFICATIONS - Selene 66 Ocean Trawler			
J			Crew head
	1		Floors: Granite or Coran tile to be specified with order
	2		Cabinetry: Formica with teak trim
	3		Shower to be molded FRP
	4		Counter tops: Granite with bull nosed edges
	5		Clear glass shower door
	6		Towel bars
	7		Toilet paper holder
	8		Full height mirror over sink
K			Guest cabin
	1		Floors: Teak & holly
	2		Cabinet/paneling: Varnished teak
	3		Hanging locker interior finish: Cedar wood
	4		Dresser outboard
	5		Drawers under bunk
	6		Mattresses: Custom 5" thick foam
	7		Night stands next to bunk
	8		Teak headboard frame
L			Forward VIP cabin
	1		Floors: Teak & holly
	2		Cabinet/paneling: Varnished teak
	3		Mirrors as shown
	4		Hanging locker with Cedar wood lining
	5		Drawers under berths
	6		Mattresses: Custom 5" thick foam x 2
	7		Natural ventilation
	8		Telescope escape ladder
M			VIP head
	1		Floors: Granite or Corian to be specified with order
	2		Cabinetry: Formica with teak trim
	3		Shower to be molded FRP
	4		Counter tops: Granite with bull nosed edges
	5		Clear glass shower door
	6		Towel bars TBD
	7		Toilet paper holder TBD
	8		Full height mirror over sink
11			LIGHTING (Per lighting plans)
A			Main overhead lighting throughout interior:
	1		BCM LED lighting controlled by wall switches.
B			Exterior overhead lights:
	1		BCM LED lighting controlled by wall switches.
C			Overhead reading lights:
	1		BCM LED Lighting controlled from separate switches
D			Engine Room and Lazarette Light

TECHNICAL SPECIFICATIONS - Selene 66 Ocean Trawler			
	1		LED light for engine room, 6 units
	2		4" Dome 24VDC light under the swim platform for aft lazarette
E			Courtesy Lights
	1		Exterior: BCM IP65 LED 24VDC White
	2		Interior: BCM IP65 LED 24VDC White
	3		24VDC LED white rope lighting under settees, bunks and toe space in selected areas interior and exterior, white exterior and red interior.
	4		Hanging Locker Lights and misc. Lockers: 3" dome 24VDC
F			Navigation lights and signal lights for vessels over 12m:
	1		Port nav light - Aqua Signal 41 Series, #41320 24VDC
	2		Star nav light - Aqua Signal 41 Series, #41220 24VDC
	3		Stern light - Aqua Signal 41 Series, #41520 24VDC
	4		Steaming light - Aqua Signal 41 Series, #41420 24VDC
	5		Anchor light - Aqua Signal 40 Series, #40020 24VDC
G			Reading Fixtures:
	1		Owner's cabin to have two 24VDC BCM chrome bronze swing arm reading lights
	2		VIP cabin to have two BCM Cabin wall lamps
H			Salon Accent Fixtures:
	1		BCM wall lamps in salon in three (3) locations.
I			Dining Accent Fixtures:
	1		BCM wall lamps at forward end of dining area in two (2) locations.
J			Deck Floodlights (Option) :
	1		Three (3) Aqua signal 120VAC/500 watt series 1069 mounted on port and starboard F/B hardtop and one facing aft on the mast.
K			Search Light (Option):
	1		ACR RCL100 with dual station remote controls. Unit mounted on the pilot house roof.
12			EXTERIOR, DECK HARDWARE, and EQUIPMENT
A			Exterior Details:
	1		All horizontal surfaces on deck to have a diamond pattern nonskid as shown in deck plan - standard nonskid to be a contrasting color to parimeter deck
	2		Stainless 316 handrails 1-1/4"OD with electro polished bases. All rails shown on drawings to be standard in addition to those specified
	3		Handrails at transom
	4		S/S 316 Hawse fittings with rollers:
	5		S/S 316 fairlead with cleat per drawing
	6		Upper rub rail cap to be 316 stainless steel 1/4" fastened with flush 316 stainless steel fasteners. Stainless steel caps on upper and lower rub rails as shown in design.
	7		Settee, molded fiberglass w/ Sunbrella cushion set at Portuguese bridge, aft. Deck & fly bridge pilot area.
	8		Manship port holes in hull and deck as shown on design. Ports positioned as per layout drawings.
	9		All opening ports to be fitted with screens and deadlights

TECHNICAL SPECIFICATIONS - Selene 66 Ocean Trawler			
	10		S/S window frame for all the salon and pilot house windows, the galley window is slidable, all others are fixed.
	11		Teak coming for Portuguese bridge, side deck & aft. deck
	12		Molded inlay pattern non-skid to fore, side, aft, F/B decks & swim platform
	B		Cockpit:
	1		FRP settee with Sunbrella cushion set
	2		Teak Table w/stainless steel table pedestal
	3		Fresh water deck wash in transom
	4		Saltwater wash down in transom
	5		Steps to transom integrated port and starboard
	C		Flybridge:
	1		Richie Compass (Option)
	2		Helm station w/console box
	3		Teak covered S/S steering wheel
	4		One (1) Selene helm chair
	5		Corian integrated wash basin w/folded faucet
	6		FRP table (1)
	7		Chart counter top
	8		U shaped FRP settee (1) w/storage underneath, w/Sunbrella cushion set
	9		Built-in FRP locker P&S
	10		Tender storage space on the fly bridge deck
	D		Portuguese bridge deck:
	1		One (1) FRP settee with cushion set
	2		FRP boarding door to access the fore deck
	E		Fore deck:
	1		One (1) FRP settee with cushion set (Option)
	3		One (1) Mainship hatch access to the VIP cabin
	F		Anchor Storage:
	1		Stainless steel 316 anchor assembly (Main and secondary)
	G		Rails and Stanchions:
	1		Stainless steel 1-1/4" dia. 316 elliptical rails and stanchions on upper deck and F/B deck . Rails to have welded on round bases with fastening studs on bottom and dual 3/4" divider rails as shown on drawing.
	2		S/S #316 dia 5" aft. deck overhang support posts
	H		Foredeck Rail:
	1		Foredeck to have 316 elliptical stainless rail with 1-1/4" diameter stanchions. Welded to round bases with fastening stud welded on bottom.
	I		Windshield Wipers:
	1		Exalto three (3) speed self-parking motor, with wash system for three (3) front windows
	J		Horn:
	1		Kahlenberg dual trumpet #DO-A with chrome finish and fog timer 230VAC compressor w/24VDC solenoid

TECHNICAL SPECIFICATIONS - Selene 66 Ocean Trawler			
	K		Deck hatches:
		1	Per deck plan, One Manship 24"*24" hatch with Oceanair hatch shade w/ insert screens in fore deck to access the VIP cabin
		2	Install (2) Manship 19-1/2"*19-1/2" hatch Oceanair hatch shade w/ insert screens on pilot house roof to access the pilot house.
	L		Windows:
		1	Windows 10-12mm" thick tempered glass
		2	All window glass to be clear glass, tinted is option
		3	Galley window is slidable, all others are fixed.
		4	S/S window frame are equipped with all the salon and pilot house windows
		5	All salon windows to have storm plate receptacles (Option)
	M		Exterior Doors:
		1	Aluminum doors as follows (Note: interior as well as exterior doors are included in this schedule):
		2	Pilothouse--2ea, Weather Tight Dutch door, one L.H. Mortise hinge, one R.H. Mortise hinge. C.O. 20" x 73"
		3	Salon after--1ea, Weather Tight Dutch door. 33" x 73"
		4	Salon port side, Weather Tight door, one RH Mortise hinge access to the crew cabin
		5	Engine room--1ea, Water Tight model no with sound blanket core, painted. L.H. surface mount hinge. C.O. 20" x 73".
		6	S/S sliding door from pilot house to fly bridge
		7	Transom door --1ea, Water Tight model C.O. 26" * 42" (Option)
	N		Boarding doors:
		1	Port and starboard - Stern doors on port and starboard side aft per drawing. Doors to have "blind" dog lock/handles.
	O		Davit (Option):
		1	1750 LB capacity hydraulic/240VAC davit with extendable boom to 12 feet mounted per drawing.
	P		Bottom treatment:
		1	Five (5) layers of epoxy barrier coat and three (3) coats of anti fouling paint
	Q		Deck Drains:
		1	Bridge deck and Fly Bridge deck to drain through 2" deck drains.
		2	Lower side decks to drain through freeing ports and scuppers.
	R		Control stations (Option):
		1	Port and starboard side of forward bridge deck equipped with helm controls, bow and stern thruster controls, start/stop/horn.
		2	Aft deck control station equipped with helm controls, bow and stern thruster controls, start/stop/horn.
	S		FRP hardtop over F/B (Option):
		1	FRP hardtop over F/B with molded in non-skid 3" dia. Stainless steel support stanchions at forward end, port and starboard
	T		Stern capstan winches (Option) :

TECHNICAL SPECIFICATIONS - Selene 66 Ocean Trawler			
		1	Two (2) Maxwell VC 1000 port and starboard swim platform
	U		Flag Staff:
		1	56" Teak flag staff with 1 1/4" socket for aft F/B deck rail.
		2	36" Teak flag staff with 1 1/4" socket for foe deck rail.
	V		Anchor (Option):
		1	Two (2) 60KG stainless steel POOL type
	W		Anchor Chain (Option):
		1	Two (2) Lengths, 400 ft. 1/2" (12mm) chain
	X		Swim ladder:
		1	Stainless steel mounted on swim step under FRP hatch accessible from water
	Y		Anchor Windlass and Fittings:
		1	One set of Maxwell HWC 3500 24V DC electric station controls pilothouse, fly bridge and foot switches with chain counters (Option) and band brake and 1/2" (12mm) chain gypsy x 1, capstan x 1.
		2	Chain stoppers for 1/2" diameter chain
	Z		Exterior locker doors:
		1	All exterior locker doors to use flush stainless steel pull rings for latches
		2	All exterior locker doors to have stainless steel louvered vents
	AA		Swim Platform:
		1	Four (4) 2" diameter "U" shaped rails across swim step (Option)
		2	Two (2) fold up style 8" cleats on swim step port and starboard for dinghy tie up (Option)
	BB		Foredeck lockers:
		1	(2) flush style port and stbd. as shown on drawings. Hinges to be Freeman Style "Large Yoke" with gas shocks
	CC		Deck Locker Misc.:
		1	All deck lockers and stowage boxes to be fitted with stainless steel gas shocks of the proper rating.
13			Options:
		1	Awlgrip, Alexseal, or Awlcraft PU painted color hull
		2	Under water lighting
		3	Teak deck on F/B helm station, dinghy deck
		4	Teak deck on Portuguese bridge deck, fore deck.
		5	Teak deck on swim platform, cockpit, side deck
		6	Rail for Portuguese bridge, side deck, aft deck

TECHNICAL SPECIFICATIONS - Selene 66 Ocean Trawler			
		7	Helm Navigation, Communications and Entertainment package
		8	Ships monitoring system for all vital system onboard
		9	Rear & E/R camera monitoring system
		10	Passarelle
		11	Solid hard top and FRP radar tree
		12	Bulbous bow
			JetTern Marine has the policy of continuous improvement. Specifications may change based upon supply, technology and evolving design changes.