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VERONIKA

Vessel under construction with delivery due end of July 2006

LOCATION: Fortaleza, Brazil

Price: \$4,650,000

1.1 HULL CHARACTERISTICS

Length Overall	95' / 28.964 Mt
Length on deck	84' 6" / 25.749 Mt
Length on the Waterline	84' 4" / 25.718 Mt
Beam molded	23.52' / 7.15 Mt
Draft (Fully loaded)	7' 8" / 2.35 Mt
Draft (50% load) 6000 gal Fuel, 1080 gal F.W.	6' 9" / 2.05 Mt
Displacement (100% Fuel & 100% Water)	195 Tons approx
Displacement Light Ship	140 Tons approx
Speed at Cruise ½ load	10.5 knots
100% engine load continuous rating	12 knots
Fuel Oil Tankage	12,500 gal approx.
Potable Water Tankage	2,160 gal approx.
Lube Oil Tankage	120 gal
Contaminated Oil Tankage	120 gal

Black Water Tank	600 gal
Grey Water Tank	400 gal
Classification	ABS Maltese Cross A1 “y” MCA Cayman Islands certification

SECTION II - VESSEL CONSTRUCTION

2.1 MATERIAL

The hull is of "Marine Grade steel and the superstructure is constructed of “Marine Grade” aluminum alloy. The superstructure joint is Tri-clad or similar. Weld seams are faired. All practical means have been taken to reduce distortion in any of the plates. This has been done by the use of proper weld sequencing, temporary strong backs, permanent panels, stiffeners, etc.

All steel cut by Inace has had it’s edge ground as soon as practical after being cut and before being welded into the structure.

2.2 HULL SUBDIVISION

The vessel’s hull is subdivided by transverse and longitudinal watertight and or oil tight bulkheads as shown on the contract drawings and consist of the following compartments:

1. Forepeak
2. Fresh Water Tanks
3. Bow thruster Compartment
4. Guest Stateroom Compartment
5. Master stateroom Compartment
6. Fuel Oil Tanks Steering Gear Compartment
7. Engine Room
8. Steering Gear Compartment

2.3 FRAMING

The vessel’s framing shall be of the transverse system throughout. The structure shall consist of steel plating and shapes as required to meet American Bureau of Shipping design requirements for vessels of this type

2.4 BULKHEADS

The hull bulkheads shall be arranged as shown on the contract drawings and shall be of steel corrugated plate, or the bulkheads shall have properly sized stiffeners to comply with ABS standards..

2.5 DECK PLATING

The main deck will be 1/4" plate; the upper deck and flybridge deck shall be 4 mm plate.

2.6 TANKS

The hull shall incorporate integral tanks for fuel, water and other liquids as specified. Access manholes shall be fitted on tank tops or tank sides if tops are not practical of the fuel tanks to facilitate inspection and cleaning.

2.8 HULL STRUCTURE

IN GENERAL, the following sizes and thickness shall be used in the hull construction:
Note a 3/8-inch plate will be located over the strut and propeller area to reduced drumming.

2.8.1	KEEL	3/4" x 10" full length
2.8.2	STEM	3/4" x 10"
2.8.3	FLOORS	1/4" plate
2.8.4	SKEG (Depth 6")	sides 5/16", cross section 5/16", bottom 1/2"
2.8.5	BOTTOM PLATING	5/16" plate, up to the chines
2.8.6	SIDE, TRANSOM PLATING	1/4"
2.8.7	MAIN DECK PLATING	1/4" plate

2.9 SUPERSTRUCTURE

2.9.6	CABIN SIDE PLATING	5 mm
2.9.7	CABIN TOP PLATING	5 mm

3.1 ENGINE ROOM FLOOR

3/16" diamond tread aluminum plate, (fastened with stainless steel screws and mounted on 3/16" thick rubber)

3.2 SHAFT LOGS

Two (2) 2.5 mm wall structural tubing welded into hull and machined to accommodate a heavy duty drip-less type stuffing box by tides Marine or similar.

3.3 SHAFT STRUTS

Two (2) fabricated from 1" STEEL plate & 1" wall STEEL structural tubing. Shaft locks are to be installed on both shafts.

3.4 RUDDER POSTS

Two (2) 17.30 mm wall structural tubing welded into hull extending above DWL.

3.5 STAIRWAYS

Six (6) stairways shall be installed.

3.6 BULBOUS BOW

Bulbous bow is fitted to the vessel; it is non integral to the hull.

SECTION IV - MACHINERY & EQUIPMENT

4.1 MAIN ENGINES

Two (2) Caterpillar engines model 3406 Electronic , A-rated 450 BHP @ 1,800 RPM, 24V elec. start, lubricating oil filters, dry exhaust manifolds, 24V alarm system, mechanical instrument panel. Main engines are to be painted white. The engines are the electronic version. The main engines are to have MURPHY continuous oil gauges with audible alarm in the bridge.

4.2 REDUCTION GEARS

Two (2) Twin disk 5114 reduction gears Twin Disk Quick-shift gear, 3.50: ratio, oil cooler, engine mounted.

The gears t have power take off system to accept a hydraulic pump to feed the Bow Thruster, windless and crane.

4.3 GENERATORS

Two (2) Northern Lights 40KW @ 1800 rpm, 120/240 three phase or similar;
Generators have isolation mount systems.

Fiberglass sound shields.

Single Racor filter 1000 to match filter elements to main engine.

4.4 SHAFTING

4" diameter 304 stainless steel.

4.5 PROPELLERS

One pair, 1 R/H & 1 L/H, Bronze, 5-blade, 3 1/2" standard taper bore, 3 1/2" diameter

4.6 RUDDERS

Two (2) flat plates semi-balanced per Designer's plans, constructed of 16 mm thick steel plate welded to 4 3/4" diameter stainless steel rudderstock. The rudders are placed so as to allow the propellers to be removed with out removal of the rudders.

4.7 VIBRATION DAMPERS

The main engines, reduction gears, and generators are soft mounted.

All other reciprocating machinery is mounted on resilient mounts. All piping to and from the machinery is connected by hoses with double stainless clamps at each end or stainless reusable or crimp type fittings.

All stand pipes in the engine room and were practical the rest of the vessel are filled with sand.

4.8 EXHAUST SYSTEM

Main engines are equipped with wet exhaust. Each main engine and generator has a Marine Centek Systems vertical muffler system

4.9 FIRE EXTINGUISHING SYSTEM

Kidde-Fenwal or similar CO₂ Fire Extinguishing System is installed in the engine room with a manual control located outside the engine room. An audible and visual alarm shall be located in the Engine Room and Pilot House. The system is US Coast Guard compliant.

The CO₂ release and manual shut downs for the main engines; ventilation fans, air flaps and fuel shut downs are located together.

4.10 ENGINE CONTROLS

The engine control system is Kobelt and is to be set up as per the following:

Main helm control, flybridge control, remote plugs for SPA 10590 remote control, in bridge for use at boat wing stations, on boat deck for use at boat deck level or foredeck level, on stern remote control SPA 10590

4.11 HYDRAULIC STEERING

Hydraulic power Steering shall be Kobelt. This includes twin steering pumps and rams. The pump in the wheelhouse is a manual pump and acts as a back up to the system

4.12 BOW THRUSTER

16"; American Bow Thruster 65 HP, driven of the main engine gears with electric clutch. Per the manufacturer's design, the system supplies 65 hp when the main engines are at idle.

4.13 WINDLASS & GROUND TACKLE

All chain is to be 5/8 studlink. The length of chain on the centerline is a total of 450' and the chain on the starboard side is a total of 450'. The starboard chain is fed through a stainless steel anchor pipe to a 316 stainless steel covering plates. Anchor system includes two (2) stainless rollers, two (2) chain stoppers and two (2) stainless turnbuckles for securing anchors. The center CQR type anchor weights 200 Kgs (440 pounds) and the Navy type anchor weights 240 kgs (528 pounds).

The system is to include stainless chain slap guards on deck with integrated drains
-Windlass are (2) 6000 Lb. Muir .

Anchor winch controls are located in wheelhouse, aft deck and two standard controls on foredeck plus standard remote plugs on foredeck.

There is a stainless steel chain rub guard on bow stem.

4.14 AIR CONDITIONING SYSTEM

One (1) model A12 -2-1 HC consisting of two compressors with 12 ton capacity Aqua Air Alpha Series Marine Air unit. e Tempwise-2000. Fan coil units
Condensate drains from the fan coil gravity feed to the gray water tank.

Compressors have soft starts.

Additional drain pan added under the compressors and under the air handlers.

4.15 STABILIZERS

American Bow Thruster stabilizer. There is a second pump on the other engine for a total of two pumps: one on each engine. The system is zero speed.

4.16 GAUGES

One (1) set of manual gauges w/ start and stop (on the engine-room) and two sets electric gauges.

4.17 WORK BENCH

Steel workbench, with 8" bench vise located in engine-room.

There is an aluminum cabinet above work bench.

4.18 ENGINE ROOM VENTILATION SYSTEM

Engine room ventilation consists of two forced air intake fans. The ventilation system is driven by one (1) 2 hp Weg, 600mm diameter, vent fan, and one (1) ¾ hp Weg, 500mm exhaust. The fans are fitted with U-type expansion joints. The fans shall have variable speed, reversing controls and manual air shut off flaps.

4.19 TANK GAUGING SYSTEM

The vessel shall be equipped with an electronic gauging system manufactured and self-closing sight glass or dip sticks.

SECTION V - PIPING SYSTEMS

SEA CHESTS

All sea water feed piping is CuNi including the (2) two sea chests in the engine room using 6" pipe. Removable strainer plates are fitted to the bottom of the hull in way of the sea chests. A blow down point is installed to allow a compressed air hose to be fitted to the system; the vents are led to a point above the main deck level. The system has a cross over pipe. Either sea chest can feed the whole system.

5.3 SEA WATER SYSTEM

The seawater system provides service to the following machinery and equipment: to the main chillers, sea water supply to the desalinator, fire system and wash down system.

5.4 BILGE SYSTEM

Bilge suction is provided in each watertight compartment in the vessel, 2x pumps, 1 1/2 hp, 3 phase, 115/240 VAC sealed motor shall take suction from the bilge manifold. A crossover valve is installed between the bilge manifold and fire manifold enabling the fire and bilge pumps to back each other up. Per MCA there is a separate portable deasil driven dewatering pump in the lazarette that can be linked to the main bilge system.

The bilge system includes an audible and visual 12-volt alarm system located in the pilothouse. A 24V Rule bilge pump system is also installed in the vessel.

5.5 BLACK & GREY WATER SYSTEM

Black Water System:

A Head Hunter head system is installed complete with toilets, and all instruments and controls. All waste from the toilets is be pumped to the appropriate black water tank. Installed in the engine room are one (1) Sewage Discharge pump, diaphragm pump, three phase, 230VAC, a separate 1-1/2" IPS shore facility discharge line.

Blackwater tank has a freshwater pipe added to flush the tank.

A Headhunter black water treatment system is installed in the black water system.

Grey Water System:

All lavatories, showers, and tubs shall gravity discharge into a mid ships gray water tank.

Sinks that are fitted with garbage disposal units discharge directly overboard below the waterline via a flanged bronze seacock.

Install in the engine room one (1) gray water discharge pump, diaphragm pump, three phase, 240 VAC sealed motor, manually controlled. The pumps are interlinked to the black water pump. Pump has automatic pump out option.

5.6 FUEL OIL SYSTEM

The fuel oil system shall be comprised of a total 12,500 gals in (5) tanks, two (2) main tanks (each 4000 gals approx.), two (2) forward tanks (one with 1780 gals and the other with 1740 gls approx), (1) day tank (980 gals approx.)

- One (1) fuel oil transfer pump, Burks model X315WA6BF, 1-1/2", 1-1/2 hp, 230 VAC motor
- One (1) fuel oil transfer hand pump, Blackmer Series, model 414-414A or similar.
- One Alfa Laval system model MIB 303
- Two (2) "Racor" fuel filters, Mod. 75-1000MA for main engines.
- Two (2) "Racor" Mod. 1000 single filter per generators.

5.7 LUBE OIL AND DIRTY OIL SYSTEM

This system shall consist of a 120-gallon clean lube oil tank and a 120-gallon dirty oil tank. The system includes a transfer pump and valve manifold capable of drawing the dirty oil from the main engines and generators and pumping to the dirty oil tank as well as drawing the clean oil from the lube oil tank and filling the main engines and generators.

There is a pump out and fill located on the main deck.

5.9 POTABLE WATER SYSTEM

Two (2) 800 gpd desalination units with UV light. Two (2) pressure sets, Jacuzzi with Hydro-Glass shallow well jet pump, ¾ hp, 230 VAC with 36 gallon pressure tank mounted on resilient mounts located in Lazarette.

-One (1) Aqua-Pure drinking water filter

-(3) 220 VAC 50 gal water heaters, all with pressure relief valve

- Per Item # 55 there is to be a 3rd 50 gal hot water tank added to the system, if possible this tank is to be located in the bow thruster compartment

5.10 COMPRESSED AIR SYSTEM

One (1) 1/3 hp model 3C-2425252D air compressor with one (1) 2.5 gal reserve tank with water trap and drain, or equal.

There is an air outlet located on the boat deck.

One (1) 18' self-coiling hose with quick disconnect and fittings in engine room.

SECTION VI - INSULATION

6.1 ENGINE ROOM

One coat of Dumb-dumb

One (1) layer 1 foam with 1 lb/sq. ft. sheet lead

One (1) layer white 30% perforated aluminum sheet

- Per Item #18 the air stacks are to be coated with Dumb-dumb

- Per Item # 45 the insulation on the over head and forward bulk is to be upgraded

- Per Item # 98 lay a lead sheet in the main saloon over the engine room

6.2 STATEROOM AND CREW COMPARTMENTS

Hull Sides:

1(1) layer 2" rock wool

6.3 SUPERSTRUCTURE

Cabin Sides - One (1) layer 2" rock wool

Overhead - One (1) layer 2" rock wool

Cabin Sole (Main Salon Only) - One (1) layer rock wool

There is Dumb-dumb sprayed in main saloon

There is a lead sheet on the main saloon floor.

SECTION VII - ELECTRICAL SYSTEM

7.1 GENERAL

The Builder shall furnish and install a 240/115-volt electrical system

The system is sixty (60) cycle, single (3) phase. Power supply to low voltage lighting shall be single (3) phase throughout. Ground fault interrupters (GFI's) are installed for all systems near water sources, including heads, galley, and laundry.

All cables that pass through decks and watertight bulkheads are enclosed in aluminum body watertight stuffing tubes. There are smoke and door alarms.

7.2 MARKING AND LABELS

Generally, all equipment is marked so as to ensure correct use. For essential equipment, all conductor ends for internal and external connections are marked for identification corresponding to the appropriate as-built diagram. All other wires are to be tagged at each end and identified on an as-built wiring diagram.

All switches gear, breakers, and fuse gear for each circuit are labeled

7.3 SHORE POWER FEED/ISOLATION TRANSFORMERS

The vessel is equipped to receive shore power from two (2) 100-amp sources. Shore power # 1 and # 2 shall feed to the main panel Shore #1 and # 2 shall feed into an ATLAS 40 KVA power conversion system

- Shore cord 2 x 150' - 100-amp cord.
- Two GLENDENNING cable systems (100 amp)

7.4 MAIN SWITCHBOARD

The switchboard shall be dead front type, drip proof, enclosed ends and bulkhead mounted. The system is to be a split panel system with the ability to run both generators into the main panel at the same time. Generator 1 will be able to feed circuit #1 while generator 2 is feeding circuit #2. The DC panel will be house in a separate panel from the AC.

Two (2) 100-amp circuit breaker from shore power isolation transformer.

One (1) 200-amp circuit breaker from generator #1.

One (1) 200-amp circuit breaker from generator #2.

One (1) 5-position selector/transfer switch from: generator #1, generator #2, shore power#1 and shore power # 2 and off position.

One (1) 5-position selector/transfer switch from generator #1, generator #2, shore power and shore power #2.

The DC and AC panels are in separate panel containers, both panels shall be fire proof.

A Trace inverter w/link 4000 l battery monitor and 10 (ten) 8d gel cell marine are installed. The system will operate the refrigerators, icemakers and TV entertainment systems plus other systems.

7.6 SHIPS LIGHTING

7.6.1 EMERGENCY LIGHTING

Engine Room:

The system shall take power from the 240/110VAC circuit, which maintains a constant charge to the emergency lighting through a self-contained charger in each unit. Four (4) dual 8-watt units shall be installed with a minimum 2-hour rating.

Accommodations

Flush mounted self-contained emergency/night lights shall be installed throughout the interior as specified on the Lighting Plan. These units shall automatically activate in the event of 110 VAC power losses.

7.6.2 EXTERNAL LIGHTING

Flood Lights:

Seven (7) total halogen floodlights

Per Item # 44 add 5 additional floodlights to make a total of 7, the light shall be wired and switches

Side/Aft/upper deck, Deck Lights:

Overhead Lighting:

(14) Total, flush mounted, round, 115 VDC, weather-tight marine grade.

Flybridge Lights:

Overhead Lighting (underneath arch):

Additional lights under arch, plus floor lights by BBQ and cabinet

7.7 LOW VOLTAGE SYSTEM

Main engines: Two (2) banks of 24-volt batteries (2 - 8D marine grade, 12 volt in series in each bank). Each main engine shall be supplied with power from a separate bank with paralleling capability. Generators: Two (2) 8D marine grade 12-volt batteries, one for each generator. Batteries shall be wired to provide paralleling capability.

Electronics: Two (2) 8D marine grade 12-volt batteries, wired in series. A 24 VDC distribution panel is installed in the Pilot House for the electronics, navigation lighting, and Pilot House lighting.

Add two (8D marine Grade 12 volt batteries for separated 12VDC supply to electronics with dedicated charger with heat and voltage sensing.

House Batteries: Two (2) 8D marine grade 12 –volt batteries.

Note house batteries have been incorporated into the inverter system.

The Builder installed the following battery chargers:

Main Engine Batteries: One (1) 120V AC 60hz/24V DC 60 amp battery charger and engine alternators

Generator Batteries: One (1) 120V AC 60hz/12V DC 30 amp battery charger

Electronics batteries: One (1) 120V AC 60hz/24V DC 30 amp battery charger

Battery chargers have temperature sensors and auto adjust.

7.8 NAVIGATION LIGHTS

The Builder has to furnish and install running and anchor lights per USCG navigation rules. The navigation lights are connected to the 12 VDC Pilot House distribution panel.

Aqua Signal 55 series. Running lights and anchor lights are individually controlled.

7.9 MEAL AND BUYER ABSENT LIGHT

One (1) installed on underside of strbd side of radar arch, Perko chrome-plated bronze, 12 VDC.

7.10 CORROSION MONITOR

One (1) “Englehard” or similar, CAPAC monitor only, installed electrical panel console to monitor relative potential of hull to seawater, or equal.

7.11 UNDERWATER LIGHTING

5 underwater lights are installed on the stern

SECTION VIII - FOREDECK/BOATDECK

Aluminum storage cabinet on boat deck next to ladder.

Cradle for tender with gasoline storage and removable

8.2 AFT DECK

Built-in seating

Two (2) electric capstans (3500)

Two wing doors varnished with window

Cabinets on aft with sink and refrigerator with icemaker.

Teak deck on aft deck, the shaded area of the fly bridge and swim platform

Swim ladder off the swim platform

- Two (2) polished stainless steel double bollards:
- Builder watertight door to engine room
- Builder waterproof doors to main saloon
- Stern Boarding gate, stainless hinged lifting bar to Inace design
- Fresh water wash down spigot
- Salt-water wash down outlet
- Hot and cold water shower

8.3 UPPER DECK AND (FLY BRIDGE)

Built-in seating

Helm bench and controls for alarm rudder angle, engine gauges, depth, autopilot remote and satellite of engines and bow thruster

Large U shaped bench, table would be made from granite.

Wires and 4 eyes as to stretch a shade awning over the aft flybridge deck.

Barbecue, large electric, installed plus refrigerator and square stainless sink.

Large hot tub with shower

Life rafts to MCA requirements

Bimini top with fabric cover

8.4 WINDOWS

Fully welded aluminum frame, windows with 1/2" safety glass.

8.5 PORTLIGHTS

Fifteen (15) oval port lights, 231 mm x 424mm stainless steel, 4 opening ones in the Master stateroom and the other 11 fixed per drawing, and 4 (4) round 9.6" OPENING port lights. All port lights include deadlight covers.

8.6 EXTERIOR DOORS

Two (2) weather tight custom INACE aluminum/glass aft saloon doors. Two (2) weather tight custom INACE aluminum/glass aft skylounge doors, port & stbd); Two (2) weather tight custom INACE aluminum/glass doors, port & stbd on main deck. Two (2) weather tight custom INACE aluminum/glass doors, port & stbd on pilothouse deck Two (2) weather tight custom INACE aluminum/glass doors (to aft pilothouse deck)

8.7 ENGINE ROOM AND STORAGE COMPARTMENT DOORS

One (1) weather tight hinged custom INACE aluminum hatch aft deck to storage compartment).
One (1) weather tight hinged custom INACE aluminum door to engine room from aft deck.
One (1) watertight door from engine room to lazarette.
One (1) watertight-hinged custom INACE aluminum door to guest quarters from the cofferdam.

8.8 ZINC ANODES

(22x) 4"x 10" Installed on hull per Designer's plans.
- Per Item # 47 install screws for zinc anodes to be removable

8.9 AIR HORN

(1) Buell Quad air horn, chrome plated brass, mounted on arch run off of the engine room mounted compressor

8.10 SEARCHLIGHTS

One (1) 12 VDC Jabsco 500,000 c.p. Remote control searchlight shall be installed on the crow's nest.

8.11 BOAT HOOK

One (1) 1-1/2" ten foot mahogany, varnished with chrome plated hook end and mounting rack

8.12 FENDERS

Six (6) 12" inflatable type with 1/2" nylon line.
2 x 2"x 6" x 5' varnished fender boards with two metal strips.
Fender boards mounted on the side of the fore castle ladder
10 fender holders

8.14 BOARDING LADDER

One (1) 20" 5-step Marquipt, or equal, aluminum ladder with brackets installed at port and starboard gate, including storage on fore castle bulkhead

8.17 FRESH WATER WASHDOWNS

Two (2) chrome-plated bibs located on aft deck and on foredeck plus four (4) additional fresh water outlets, flybridge, boat deck, bridge and aft deck,

8.18 WATER PRESSURE INLET

Dockside, aft with a hard plumbed regulator with a maximum setting form between 45 and 50 lbs. An builder supplied UV filter will be installed in the system so that the filter will feed the house pressure system and can feed the fresh water tanks

SECTION IX - INTERIOR OUTFITTING

9.1 APPLIANCES

All appliances are from GE White on White Collection (or equal) and will include:

- One (1) Dishwasher (GSD2230L) allowance \$470
- One (1) Single self-cleaning oven (JKP37GL) allowance \$690
- One (1) 30" Cook top (JP333L) allowance \$1000
- One (1) Garbage Disposal (GFC1000) \$80
- One (1) Microwave Oven (JVM132J) \$310 plus \$100 for installation.
- One (1) GE Built-in Ref /Freezer \$1379
 - One (1) additional freezer in the galley
 - One (1) GE Spacemaker Washer/Dryer (DDP1375G), located in stateroom passage. \$725
 - One (1) GE Spacemaker Washer/Dryer (DDP1375G) located in cofferdam.
 - One (1) Brazilian made refrigerator located in crew's quarters \$800
 - One microwave in crew quarters
 - Per Item # 99 One (1) Trash Compactor (GSA90) installed US\$800.00
 - One cappuccino machine to be installed in the galley at a location to be decided later
 - One (1) Stainless Steel double sink Strake model 370 F or equal w garbage disposal

2 Safes

Interior wood: American Cherry with semi-gloss finish

- * Counter tops: Granite
- * All doors, drawers and cabinets have positive latch mechanism
- * Drawers are full extension ball bearing slide mechanism
- * Galley countertops have sea rails, other countertops to have sea rails, as necessary
- * All major wardrobes have automatic on/off lights
- * Headroom in accommodation areas is as close to 7' (2134mm) as possible
- * Headroom in the engine room is as close to 6'8" as possible

Interior By Area

All closets to have Cedar linings

Granite on the shower walls/ floors in the bath rooms

Built in Granite soap dishes in guest showers

Buyer's Cabin

Has an emergency escape hatch and ladder.

Buyer's Amenities

Back up switches for flood lights, horn switch, Enema repeater cable, VHF cable, hailer cable are located in this cabin

Guest Cabins & Bathrooms

The guest cabins have escape hatch per MCA.
Watertight door between guest hall and cofferdam.

Main Saloon

Two wine cooler under the TV Cabinet and in hall.
Granite on entrance of main saloon lobby 2 places.
Wood roman blinds

Crew Quarters

Microwave, fridge, power plugs for computer and phone jack by settee and sink.
Opening hatch to the bowthruster compartment with a water tight door from compartment to guest compartment. There is a washer/dryer located in the bowthruster compartment.

Sky Lounge

There is a full head with shower located between the skylounge and the wheelhouse, a queen size fold out couch can convert this area from a office/ TV lounge in to a full forth stateroom. There is ample hanging locker space and draws for guest use. In one locker is a fold away treadmill.

This large multi use area truly sets the vessel apart from many of her peers. It must be seen to be fully appreciated. Behind the skylounge on the private deck is a cabinet the hold additional freezer space.

Wheelhouse

The wheel house is a true working environment. It has a comfortable leather settee with granite topped table. The settee is sized to be a sea berth if need. There are two adjustable helm chairs, large built in file cabinet, chart table with drawers. All flat surface areas are covered in granite to minimize upkeep and maximize workability. The wing doors have stainless steel "hold open" bars that allow for the doors to be partially opened underway for natural ventilation. There is a "Larry Smith" or equal electronics package that is being fitted to the vessel. Full details on electronics will be supplied in a separate document.

COFFER DAM

The coffer dam shall have storage and shelves built in, a washing machine, fresh water pumps and hydraulics for the bowthruster and crane.

9.4 HARDWARE

All doors are fitted with La Fonte hinges, chrome plated brass, generally three (3) per door. For interior staterooms and bathrooms the door hardware is be Lamp, chrome plated; privacy locks on all stateroom entry doors.

9.5 TELEPHONE

Shore phone connection: 12 total phone jacks

- 1) Pilot House
- 2) Captain's Stateroom
- 3 and 4) Salon
- 5) Galley
- 6) Buyer's Stateroom
- 7/8) Guest Staterooms (Port & Starboard)
- 9). Sky lounge
- 10) Crews quarters
- 11) Fly bridge
- 12) Engine room

9.7.3 COMPASS

Two (2) Danforth 6" Constellation type C-651A flush mounts. One at Pilot House station and one on Fly bridge.

9.7.4 WINDSHIELD WIPERS

Five (5) electric wipers, one for each of five (5) center windows, Exalto / Vetus 295M

SECTION X - PAINT SPECIFICATION

10.1 GENERAL

The exterior paint specification is based on the "International" paint specification for Marine products and the hull bottom is based on the International Paint Co. specification.

All speeds, capacities, consumption, hours, measurements, etc. are approximate or estimated. Specifications provided for information only as particulars herein obtained are from sources available

but are not guaranteed. Remarks and other statements may be personal opinions and may not be relied upon for purchase. Buyer should instruct his agent/supervisor to check all details for accuracy. Offered subject to prior sale, price/inventory change, or withdrawal from market without notice.

