

85' SLOOP STANDARDS (Preliminary)

HULL

- Hand laid FRP hull
- Choice of two hull/deck color schemes
- Choice of boot and cove stripe color
- Isothalic gelcoat with vinyl ester skin coat for maximum blister protection
- Anti foul bottom paint, two coats over an epoxy primer
- Bolt on cast lead keel with 3% antimony added for hardness (centerboard optional) Internal lead ballast in lieu of bolt on considered.
- Performance CAD drawn skeg supported rudder, foam filled, with stainless steel frame, rudder post and strap and a cast epoxy gudgeon fitting
- Watertight collision bulkhead
- Molded rub rail with 1" stainless steel striker
- Bronze/Stainless steel ball valves on all thru-hulls below waterline
- Bronze sea-strainers on all intakes
- Large full beam lazarette, approximately 180 cubic feet, accessible through aft water tight door
- Reverse transom with swim platform, stainless steel ladder and hot/cold fresh water shower
- Stainless steel chain plates with grid molded into the hull for upper & lower shrouds
- Stainless steel chain plates molded in for the backstay and bobstay
- Six fixed ports in the main salon 5x12
- Eight Lewmar opening ports in the hull forward 5x12
- Eight Lewmar opening ports in the hull aft 7x14

DECK MOLDING

- Hand laid FRP 1 1/4" cored deck with molded in stringers and deck beams
- Isothalic gelcoat on deck with molded in nonskid on walkways and cabin top
- Walk through social cockpit (port and starboard)
- Companionway from social cockpit to main salon
- Large sail locker forward, approximately 120 cubic feet
- Curved integral stairway leading to stern swim platform
- Aft lazarette accessible from deck via flush hatch and water tight door on swim platform
- Sailing arch with mainsheet attachment and hinged fold away boom cradle
- Custom steering pedestal in helmsman/sailing cockpit
- Sheet tail bins in helmsman/sailing cockpit
- LPG locker with hinged deck hatch and two 20lb. LPG tanks (vented)
- Two storage lockers under seats in social cockpit (port and starboard)
- Molded ice box in social cockpit (refrigeration unit optional)
- Dining table in social cockpit
- Molded coaming lockers in social cockpit
- Teak/composite cap rail

DECK HARDWARE

- Dished 48" SS wheel with steering brake, single lever engine controls, illuminated engine gauges, illuminated 6 inch compass
- Illuminated switch panel for exterior lights
- Molded FRP bowsprit with stainless steel bobstay and twin anchor rollers
- Custom welded stainless steel bow pulpit and stern rail with running lights
- Fiberglass seats integrated into stern rail
- Double stainless steel lifeline stanchions supporting 3/16" stainless steel wire, vinyl covered, lifelines
- Boarding gates amidships (port and starboard)
- Stainless steel handrails on cabin top
- 140 lb. Galvanized Plow anchor
- 50' 1/2" BBB chain with polished stainless steel chain guide plate and 300' of rode
- Lewmar concept 3 12v vertical windlass with capstan
- Two electric Harken 111EST primary winches, chrome and self tailing
- Two electric Harken 58EST secondary winches, chrome and self tailing (secondary winches with clutches to handle mainsheet, main halyard, reefing, staysail sheet, staysail halyard and furling lines)
- Harken44CST self tailing jib and spare halyard winch on mast
- All winches and cleats through bolted
- 18 various size deck hatches
- Four large tinted tempered glass fixed ports in main salon
- Two large tinted plexiglass fixed ports outboard on forward face
- Eight 12" mooring cleats with adjacent chocks located on the bow, amidships and stern
- Six labeled fuel, water and waste fittings (port and starboard)
- Cockpit courtesy lights
- Four 1 1/4" cockpit drains

SPARS & RIGGING

- Cutter rig with triple swept back spreaders, eliminating the need for runners
- Polyurethane painted, aluminum mast, boom and spreaders, keel stepped
- All associated winches, halyards, sheets, blocks and tracks, etc. for headsail and staysail
- 2/4 fully battened mainsail (Six battens total- 4 full upper, 2 partial lower)
- Roller furling/reefing genoa with sacrificial strip sewn in for sail cover
- Roller Furling staysail with integrated cover on sail
- Boom with a rigid vang, two reef points, lazy jacks, topping lift and outhaul
- Main sail cover integrated into lazy jack system
- Stainless Steel 1x19 standing rigging
- Flag halyard to spreader and masthead
- Anchor, steaming and spreader lights

85' SLOOP STANDARDS (Preliminary)

MACHINERY & FUEL SYSTEMS

- 320 h.p. Turbocharged 6 cylinder diesel auxiliary engine, fresh water cooled
- 3-bladed 30" propeller
- 2" diameter stainless steel propeller shaft and strut with shaft zinc anodes
- 20 KW Northern Lights generator with sound shield
- Foam insulation for entire engine room
- Wet exhaust with aqua lift mufflers
- Bow thruster
- Cable steering system utilizing bronze sheaves and quadrant
- Dual 12v 110 amp hour engine batteries and one 12v 110 amp hour generator battery
- Two molded in 400 gallon GRP fuel tanks, baffled with separate fill and vents
- Fuel tank gauges readable at tank top or on electric panel
- Fuel tanks are plumbed for selection and return
- Fuel systems for engine and generator have electric priming pumps, hour meters and Racor fuel filters
- 12v blower for main engine, 110v blower for generator in engine room
- Automatic fire extinguisher system in engine room
- 12v engine and generator oil change system
- Two submersible 2500 GPH bilge pumps and float switches (fore and aft)
- Manual bilge pump
- Engine room 12v lighting
- Engine room hatches with pneumatic risers
- Emergency tiller

ELECTRICAL SYSTEM

- Custom designed electric distribution panel, 12v, 110v and 220v, centrally located with magnetic breakers, amp meters and switches
- Cablemaster power roll up shore cable system with 220v-50 amp shore power inlet on deck
- 1100 amp hour 12v DC dedicated house battery bank forward supplying galley, refrigeration, windlass and all 12v lights and appliances forward
- 1100 amp hour 12v DC dedicated house battery bank aft, supplying ice maker, entertainment center, stereo and all 12v lights and appliances aft
- 440 amp hour 12v DC dedicated winch battery bank
- Battery selector switches
- Two 3000 watt, Heart inverters and chargers, forward and aft
- Two Link 2000R regulators with three stage battery charging and management system, forward and aft
- Two heavy duty, high output, 160 amp engine alternators for forward and aft house battery banks
- Rigging, via chain plates, is grounded to the keel
- 12v fluorescent overhead lights
- 12v reading lights in all cabins
- 12v hanging locker lights

- 12v courtesy lights
- 110v AC GFCI outlets throughout the yacht

PLUMBING SYSTEM

- Two molded in 600 gallon GRP fresh water tanks, baffled and plumbed for selection, have separate fill and vents
- Water tank gauges readable at tank top or on electric panel
- Two automatic sump pumps for showers and sinks with separate sump tanks fore and aft
- Demand hot and cold water system with two 12v pumps, accumulator tanks and two 20 gallon, 110v hot water heaters with engine heat exchange
- Two ocean voyaging head holding tanks with on-deck discharges
- Offshore overboard discharge with Y-valve for holding tanks
- Raritan electric heads with macerators and timers throughout entire yacht
- Galley foot pump- fresh water

INTERIOR ACCOMODATIONS GENERAL & SALON

- Reverse cycle Marine Air, air conditioning with individual digital controls 80,000 BTU's (5 units)
- Custom built bar with ice maker, filtered drinking water, sink, bottle storage, glass storage and wine rack
- Custom built navigation area with large lift top Nav desk and chart storage
- Custom built entertainment center with quality stereo television and Hi Fi VCR, all 110v AC
- Custom built convertible dining table to accommodate 12 in comfort and style
- Burlled hardwood on Nav desk and salon table
- Chart table light
- Custom designed swivel chair for chart table
- Varnished teak and holly sole in main salon
- Burlled hardwood accents and trim
- Overhead- Vinyl headliner with thermal insulation
- Hanging lockers- lined with cedar
- Bulkheads- marine grade plywood with contemporary paneling
- The master stateroom incorporates a king size berth, two large hanging lockers, ten drawers, a settee with cocktail table and a lighted vanity with mirror and stool. There are also storage lockers and book cases outboard
- All sleeping cabins have ensuite heads and showers
- Contemporary plumbing fixtures
- GRP shower pans and tubs
- Solid surface counter tops in heads and galley area
- Ceramic or vinyl tile on galley and head soles
- Venetian mini blinds with valances to match interior decor
- Selection of interior fabrics

85' SLOOP STANDARDS (Preliminary)

- Speakers-2 in each stateroom and cockpit, 4 in the main salon
- Interior mast shield to match decor
- Custom designed companionway ladder
- Drawers in all staterooms and galley
- Positive latches on all lockers and cabinets
- Boat hook, scrubber and ensign staff
- Eight Dock lines
- Twelve Life jackets
- Owner's manual, equipment manuals and appropriate schematics for mechanical, electrical and plumbing systems

GALLEY & LAUNDRY

- Galley with large Solid surfacing counters, storage cabinets and lockers
- Gimballed Four burner S.S. stove & oven with exhaust fan
- Electric LPG safety solenoid valve
- Upright two door refrigerator/freezer 110v AC
- Deep double stainless steel galley sink
- China, crystal and silverware storage
- Washer and dryer with exhaust fan in utility room
- Microwave oven
- Trash compactor
- Dishwasher
- Trash bin

ELECTRONICS

- Sailing instruments- Raytheon log/speed, wind and depth package
- Raytheon ST7000+ autopilot
- GPS interfaced with autopilot
- Quality 27" stereo television and Hi Fi VCR, 110v AC
- Quality 110 vac integrated stereo system with tape deck and CD player
- TV-FM antennae
- VHF radio with antenna at masthead

SAILING & DOCKING ESSENCIALS

- Horseshoe ring and bracket
- Six extra large Fenders
- Five Fire extinguishers

OPTIONS

- Jacuzzi on deck
- Water maker, 600 G.P.D.
- Twin engine installation package
- 3-bladed 30" Max-Prop variable pitch propeller
- Radar arch with integrated dinghy davits, lighting and speakers
- Radar
- Refrigerated cockpit drink box
- Deep freezer with 110v AC holding plate system
- Teak decks on weather deck and cockpit sole
- Teak decking on cockpit sole only
- Two Chrome dorades, FRG boxes and stainless steel guards
- Centerboard with hydraulic lift
- Hydraulic steering
- Hydraulic headstay and Vang tensioner
- Furling system for mainsail
- Spinnaker package including halyard and pole
- Spare genoa halyard
- Bimini top with windshield
- Hard top with windshield and enclosure
- Stern seat cushions
- Custom interior layout
- Charter layout
- Salt or fresh water wash down on bow
- SSB
- Weatherfax
- Cell phone
- Satellite phone and fax system
- Additional stereos and CD players in cabins
- Phone jacks in main salon and aft cabin
- Additional battery bank 1100 amp hour
- Up-down windlass control switch at helm
- 12v fans

Design makes the Difference

Principal Dimensions

LOA W/O BOWSPRIT.....	85'0"
DWL.....	75'0"
BEAM.....	21'0"
DRAFT-W/BOARD UP.....	6'6"
DRAFT-W/BOARD DOWN.....	15'6"
DISPLACEMENT.....	122,000 LBS
BALLAST-LEAD.....	40,000 LBS
SAIL AREA (main + 100% triangle).....	3,187 sq. ft.
MAIN.....	1,406 sq. ft.