



## 510 CONVERTIBLE SPECIFICATIONS

**LENGTH, OVERALL** (with bow pulpit)  
54' 10" ( 16.73 m )

**LENGTH, HULL** (STANDARD ISO 8666)  
51' 5" ( 15.68 m )

**BEAM, MAX**  
16' 2" ( 4.93 m )

**DRAFT \***  
5' ( 1.52 m )

**HEIGHT ABOVE WATERLINE, MAXIMUM \***  
14' ( 4.25 m )

**COCKPIT AREA**  
142 sq. ft. ( 13.2 m<sup>2</sup> )

**FUEL CAPACITY \*\***  
usable 1,040 U.S.gal. (3940 lt.)

**DISPLACEMENT \***  
65,489 lbs. ( 29.7 ton )

**FRESH WATER CAPACITY TOTAL \*\***  
usable 185 U.S.gal. ( 700 lt. )

**STANDARD ENGINE**  
Twin CAT 3406E DITA power 800 HP @ 2300 rpm

**OPTIONAL ENGINES**  
Twin CAT C-18 1050 HP @ 2300 rpm  
Twin MAN 1100 CR @ 2300 rpm  
Twin MAN 1360 CR @ 2300 rpm

**STYLING & INTERNAL DESIGN**  
ZUCCON INTERNATIONAL PROJECT

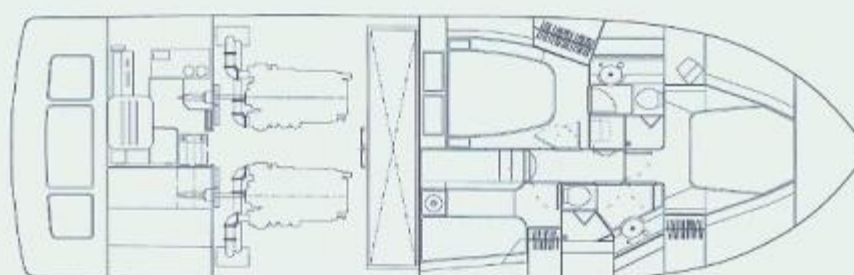
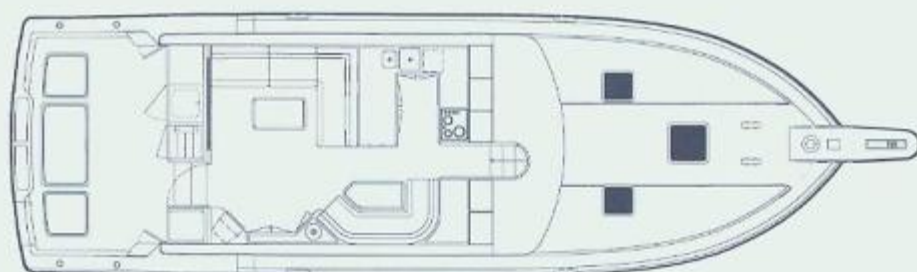
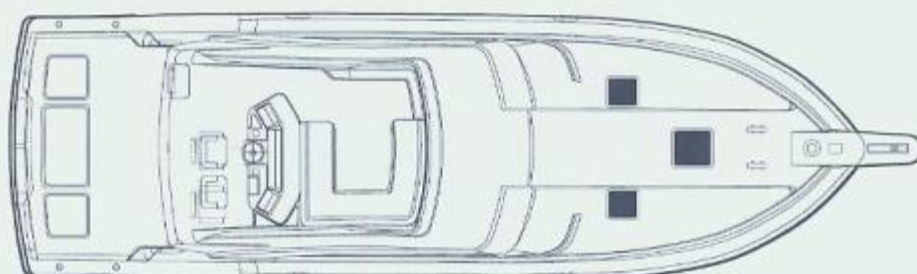
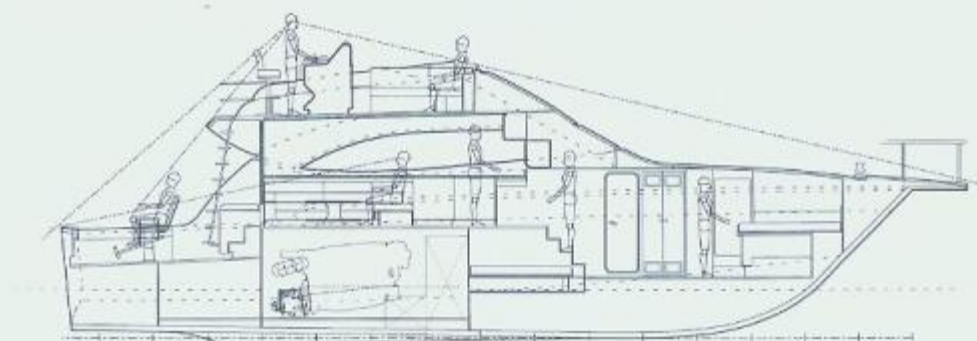
**INTERIOR DECOR**  
MARTY A. LOWE, INC.

\* - with full fuel and water, 6 people and 1,200 lbs. of gear

\*\* The usable volume of tanks will vary depending upon conditions

Five-ten  
CONVERTIBLE

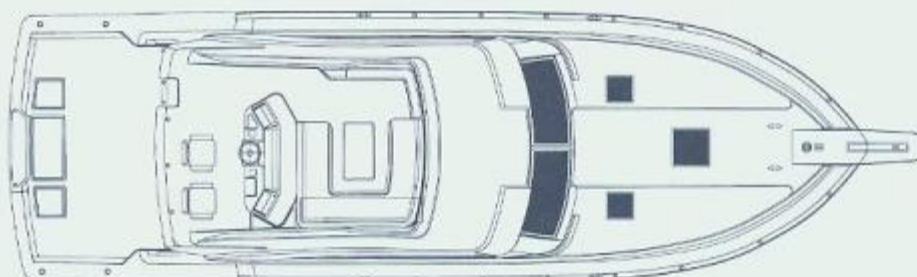
## STANDARD ARRANGEMENT



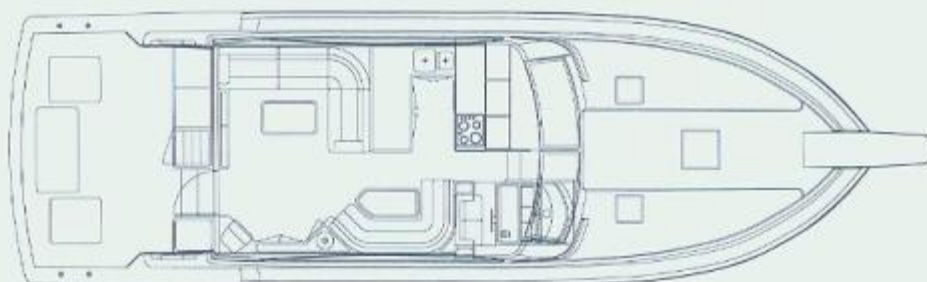
## OPTIONAL ARRANGEMENT



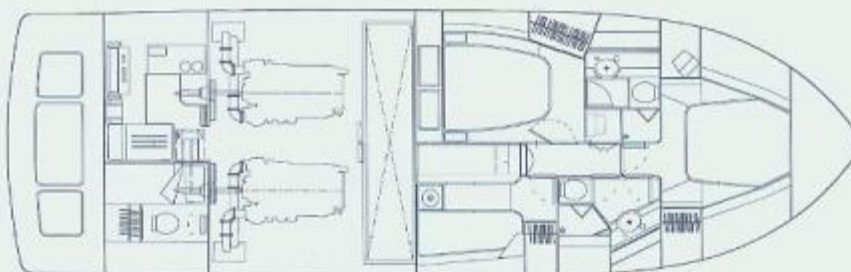
OPTIONAL ARRANGEMENT - FWD. WINDSHIELD



OPTIONAL ARRANGEMENT - FWD. WINDSHIELD



OPTIONAL ARRANGEMENT - LOWER CONTROLS



OPTIONAL ARRANGEMENT WITH CREW CABIN AFT

## STANDARD EQUIPMENT

### EXTERIOR FINISH

- Maxguard ISO-NPG gelcoat
- BOMAR hatches powder coated to match gelcoat
- Compressed heavy duty white vinyl rubrail with stainless steel insert
- Feature stripes painted with IMRON paint
- Molded non-skid gelcoat deck surfaces

### HULL, DECK AND FLYBRIDGE CONSTRUCTION

- Composite structural bulkheads
- Deck: molded fiberglass sandwich construction
- Flybridge: molded fiberglass sandwich construction
- Hull: solid fiberglass bottom with cored hullsides

### HULL

- Zero trim effect, FRP fuel tank (midship mounted) Fuel level w/sightglass
- Ball seacocks on all underwater thruhull fittings, all w/electrical bonding
- Bertram dark blue waterline stripe
- Bilge pumps (3), auto/manual
- Bottom paint with primer coat and (1) coat dark blue anti-fouling paint
- GRP water tank with internal separators
- Holding tank and liquid level monitors and plumbed for dockside pump out
- Pressurized fresh water system with fiberglass tank and dockside fresh water supply
- Sump tank w/automatic pump out for shower and sink water
- Trim tabs, electro-hydraulic
- Zinc, transom mounted

### DECK

- Anchor, 55 lbs. with chain & line
- Anchor locker with hatch
- Anodized aluminum bow rail with burgee staff
- Bertram dark blue stripe with gold accent pin-stripe
- Cleats: 2 forward w/chocks, 2 aft w/transom hawse pipes, 4 springline
- Electric windlass 24V 1500W with deck mounted foot controls
- Foredeck hatches w/screen (3)
- Frameless side windows
- Fuel fills, port & stbd.
- Integral bow pulpit w/stainless steel chute and roller
- White aluminum handrails over side windows

### COCKPIT

- Access hatches to lazarette, gasketed, scuppered, and dogged
- Aft salon window, frameless, removable

- Aluminum salon door with frameless glass, removable
- Cockpit coaming padding
- Cockpit lights (2)
- Fire extinguisher manual controls
- Flybridge ladder with acrylic steps
- Fresh water washdown
- (1) Glendinning cable master w/shore power supply stbd side
- Lights in aft hardtop overhang
- Molded boarding step, port and stbd
- Pilaster handrails
- Prep center with:
  - cutting board
  - engine room entrance
  - port side storage locker (cockpit freezer optional)
  - sink with salt and fresh water faucets
  - stbd side storage locker (live baitwell optional)
  - storage drawers
- Reinforcement for fighting chair
- Removable fish box with macerator pump
- Removable hatch to machinery room
- Rod holders (4)
- Salt water washdown
- Scuppers (2)
- Steps, salon
- Stereo speakers, watertight
- Storage lockers, port and starboard, to conceal shore power inlets, dockside water inlet, faucets and switches
- Telephone and cable TV shore cord
- Transom door and gate
- Transom fish box with overboard drain
- Under gunwale storage for boat hook and gaff
- Water tank fill
- Fuel fill alarm

### FLYBRIDGE

- Basic Electronics
  - Simrad autopilot
  - Northstar color GPS plotter
  - Furuno digital depth, temp.
  - ICOM VHF
- Air horn
- Anodized aluminum flybridge rail and flybridge ladder with plexiglass steps
- Bertram dark blue stripe with gold accent pin-stripe
- Flag pole
- Helm and companion pedestal seats, teak
- Helm station:
  - electronic controls
  - console handrails, port, stbd and forward
  - compass
  - distribution panel in locker
  - instrument panel and planned electronics areas with 3 plexiglass cover
  - instrument panel with: tach, oil engine pressure, engine water temperature, gear oil pressure, gear temp, voltmeter level, bilge pump switches, high water indicator and Fireboy discharge indicator
  - molded foot rest for helm seat
  - stereo and VHF locker w/plexiglass cov
  - stainless steel steering wheel
- International navigation lights
- Remote windlass control
- Stereo with watertight speakers

- Storage: forward, molded under lounge seat for life raft, console (lighted), molded portside shelf
- Systems monitors w/audible and visual signals for engine oil pressure, coolant, gear oil, exhaust temperatures and extra alarms included in the engine package
- U-shaped lounge seating with cushions forward

### ENGINE COMPARTMENT AND FUEL SYSTEMS

- 30 gallon electric hot water heater - 240V
- 15.5 KW freshwater-cooled, remote start diesel generator w/exhaust muffler and sound shield (Generator may not supply power for all standard, optional and owner-added equipment. Power management may be required.)
- Acoustical and thermal insulation in the engine room
- Aquamet 17 shafts (2), stainless steel
- Blowers (4), engine room (2) lazarette(2)
- Bronze rudders and struts
- Emergency bilge water evacuation system, engine driven
- Emergency engine shut-down system
- Engine and machinery room lighting AC + DC
- Fiberglass fuel tank w/baffles
- Fixed fire extinguishing system for engine and machinery rooms w/automatic and remote manual controls plus audible and visual discharge signals
- Hydraulic steering w/power assist
- Removable engine room access ladder
- Air conditioning and saltwater washdown water pump
- Seawater strainers for generator, air conditioning and saltwater washdown water pump
- Twin diesel turbo-charged, fresh water cooled main engines with marine gear, engine driven alternators, water separators fuel filters, exhaust mufflers
- Vibration dampening isolators for engines
- DeltaT<sup>®</sup> air intake system for engine room

### ELECTRICAL SYSTEMS

#### Deckhouse

- 240V/120V AC input and main distribution panel w/voltmeter, ammeter, generator controls, magnetic circuit breakers and shore power selector switches
- 24V DC main distribution panel w/voltmeter, ammeter, magnetic circuit breakers and batteries tester

## STANDARD EQUIPMENT

- Alarm monitor panel with:
  - bilge flood signal for three compartments
  - black water tank indicator light
  - high-heat in engine and machinery rooms
- Electrical pump-out for toilet holding tank
- Fresh water level gauge
- Light fixtures, 120V AC and 24V DC
- Techna fresh water toilet system
- Telephone jacks w/shore connection (salon and master stateroom)

### Galley

- 240V/120V AC appliances distribution panel with magnetic circuit breakers
- 24V DC galley and cabins distribution panel
- Ground fault circuit interrupter receptacles

### Flybridge

- 24V DC flybridge electronics accessory panel w/magnetic circuit breakers in console
- 12V DC flybridge electronics accessory panel w/magnetic circuit breakers in console
- Alarm monitor panel with:
  - bilge flood signal for three compartments
  - high-heat alarm in engine and machinery rooms
- Battery parallel switch, remote
- Ground fault circuit interrupter receptacles in console
- Main engine control panel

### Engine room

- 24V DC batteries panel w/switches for main engines and main battery disconnect switches
- 24V DC fuses for uninterrupted power to bilge pumps, fire and bilge flood monitors
- Air conditioning zoned with reverse cycle heat
- Batteries (4), heavy duty, 12V DC
- Bonding system, galvanic and electrical
- Converters (2), 50 amp
- Galvanic isolator
- Ground fault circuit interrupter receptacles
- Light fixtures, 24V DC & 120V AC

### COAST GUARD MOORING AND DOCKING EQUIPMENT

- American flag
- Bertram burgee
- Docking lines (4), braided nylon
- Fire extinguishers (4), portable
- Fog bell, 8"
- Life jackets (8)
- Life ring
- Owner's manual

### DECKHOUSE - SALON

- 120V AC receptacles
- Air conditioning electronic control
- Carpeting
- Central vacuum system
- Cocktail table
- Dry bar w/bottle storage
- Electrical distribution panels
- Entertainment center w/color 27" flatscreen TV/DVD COMBO, AM/FM stereo receiver and CD/DVD player
- Ice maker
- Lighting, 120V AC and 24V DC
- Overhead grab rail
- Rod locker, concealed in overhead
- Sofa, L-shaped
- Tinted safety glass windows, port and starboard
- Varnished wood paneling
- Vinyl headliner
- Wood blinds

### DECKHOUSE - GALLEY/DINETTE

- 120V AC Sub-Zero refrigerator (4.9 cu ft./138 lbs.) and freezer (5.1 cu ft./144 lbs.) under counter drawer type
- Cooktop, three burner
- CORIAN countertops and sinks
- Designer storage cabinets
- Dinette, U-shaped w/table
- Lighting, 120V AC
- Microwave oven
- Overhead rod storage compartment
- Single lever hot and cold faucet
- Vinyl flooring
- Vinyl headliner

### COMPANIONWAY

- Access doors to staterooms, starboard head and laundry locker w/shelf
- Carpeting
- Lighting 24V DC
- Steps to salon
- Vinyl headliner
- Vinyl wallcovering
- Washer and dryer in locker w/shelf

### MASTER STATEROOM (PORT)

- 120V AC receptacles
- 15" LCD/TV - AM/FM stereo with CD/DVD player
- Air conditioning electronic control
- Carpeting
- Clock
- Foam mattress w/spring, shams
- Hanging locker full height, lighted, cedar lined

- Lighting, 120V AC and 24V DC
- Mirrored aft bulkhead
- Queen-sized berth w/drawer storage beneath
- Sheets/pillowcases (white), one set
- Vinyl headliner
- Vinyl wallcovering, padded

### FORWARD GUEST STATEROOM

- 120V AC receptacles
- Air conditioning electronic control
- AM/FM stereo w/CD/DVD player
- Carpeting
- Clock
- Foam mattress w/spring, shams
- Hanging lockers, lighted, cedar lined
- Hullside storage lockers
- Lighting, 120V AC and 24V DC, port
- 13" LCD TV
- Opening hatch w/shade
- Queen-size berth w/storage beneath
- Sheets/pillowcases (white), one set
- Vinyl headliner
- Vinyl wallcovering

### STARBOARD GUEST STATEROOM

- 120V AC receptacles
- Air conditioning electronic control
- AM/FM stereo w/CD/DVD player
- Berths, twin, w/drawer storage beneath
- Carpeting
- Clock
- Foam mattresses w/springs, shams
- Hanging locker, lighted, cedar lined
- Hullside storage shelves
- Lighting, 120V AC and 24V DC
- 13" LCD TV
- Nightstand
- Sheets/pillowcases (white), one set
- Vinyl headliner
- Vinyl wallcovering

### MASTER AND GUEST HEADS

- Air conditioning vent
- 120V AC GFI receptacles
- CORIAN countertops and sinks
- Designer wallcovering
- Exhaust blowers
- Lighting, 120V AC and 24V DC
- Mirrored overhead
- Opening hatch w/shade and screen
- Techna fresh water toilet system
- Single lever hot & cold faucet
- Stall shower w/door & floor grate
- Vanity locker w/mirror panels
- Vinyl flooring