



NorthStar 112' Tri-deck Motoryacht

Naval architect	Jack Sarin
Interior designer	TBD
Length overall	112'6"
Length at waterline	99'6"
Beam	25'4"
Draft	6'
Height from waterline to top	36'6"
Displacement	Full load 352,000 lbs Half load 322,000 lbs Light load 298,000 lbs
Fuel, diesel	6,500 gals
Fuel, gas	100 gals
Water	1000 gals
Holding tank	450 gals
Grey water	200 gals
Berthing Accommodations	8 in 4 state rooms, en-suite heads
Crew Accommodations	6 in 3 state rooms, en-suite heads

CONSTRUCTION

1. Vessel built and certified to ABS/MCA certification
2. Hull & deck superstructures is vacuum infused molded fiberglass with vacuum bagged structural coring; stringers are fiberglass encapsulated foam
3. All of hull and deck outer layers of fiberglass are laminated with an anti-blister type resin up to core
4. Solid fiberglass keel & reinforced chines
5. Structural bulkheads & soles are vacuum bagged coring bonded to hull
6. Propeller pockets for reduced draft
7. Five (5) year limited hull & superstructure warranty
8. Overall construction process using light weight materials for reduced weight

MECHANICAL & ENGINE ROOM EQUIPMENT

1. Twin MTU 2400hp, other engine options available
2. Electronic controls in pilothouse, port & starboard docking stations
3. Two fiberglass sea chests fitted with Lexan tops with cross-over tube with main primary shut off valves and secondary valves to supply raw water to main engines, generators and various equipment
4. American hydraulic 16"- 65hp bow & 16"- 46hp stern thrusters with variable controls
5. American digital underway stabilizers model 440/20 with winglets
6. American ships integrated hydraulic package

7. Chilled water 24 ton air conditioning with reverse cycle heating with air handlers & temperature controls in each room.
8. Delta T engine room ventilation with demisters with auto shut-down
9. Lube tank, 120 gal new & used with oil change system
10. Engine room start/stop panel
11. Jastrum power steering with dual engine pumps
12. Bronze Nibral 5 bladed propellers with prop puller
13. Propeller shafts, Aquamet 22HS with spare shaft storage tube
14. Struts: high test bronze with cutlass bearings
15. Tides dripless shaft & rudder seals
16. Rudders: stainless steel 3" shafts with molded urethane fins
17. Underwater exhaust with stainless steel risers
18. Fuel priming pump for main engines
19. Hour meters on main engines & generators
20. Bilge high water alarm system
21. Fire extinguishing system with manual & automatic discharge, engine shutdown/override system & discharge alarm
22. Engine driven emergency bilge pump system
23. Fuel water separator filters for main engines & generators
24. Fuel filtration system with Racor filters & Algae-x for fuel transfer & cleaning
25. Fiberglass integral fuel tanks with sight glass & monitored with ship's monitor system
26. Fuel distribution manifold with transfer pump
27. Bronze sea water strainers
28. Sound abatement: extensive use of Soundown, Nida-Core & other sound abatement materials are used during construction throughout the vessel including engine room insulation, sound absorption tiles in strategic locations of the hull, exhaust engineering, insulation of wire ways & plumbing, & extensive machinery & drive train alignment.
29. Craftsman 5 gal air compressor
30. Central vacuum system
31. Two (2) Fire pumps 66 gpm

PLUMBING

1. Stainless steel fresh water tank with Head Hunter water pump
2. Two (2) 60 gallon hot water tanks with heat exchange off (engine or generator)
3. Head Hunter head system
4. Integral fiberglass holding tank with dockside & overboard discharge systems
5. Electronic ship's monitoring tank indicator
6. Bilge high water alarm system
7. Common drain system for sinks and showers
8. Sea Recovery watermaker, two (2) 1,200 gallons per day

ELECTRICAL

1. Northern Lights generators, shielded; (2) 55kw + power equalizer & (1) 6kw emergency generator
2. 24 volt engine start batteries; four (4) 8D's

3. 24 volt house batteries twelve (12) 6 volt deep cycle
4. 24 volt generator start batteries; two (2) per generator and one (1) 12V battery for emergency gen.
5. One (1) 4000 watt inverter
6. 12 volt/24 volt DC & 120 volt/240 volt AC systems
7. 12 volt & 24 volt battery chargers with isolation system
8. Two (2) Glendenning Cablemasters with 100' of 100amp 2# 4cond shore power cable
9. Electrical distribution & control panels with (magnetic) circuit breakers, amp meters & volt meters
10. Asea or Atlas power converter
11. Duplex 120 volt outlets with GFI's in heads, galley & exterior outlets
12. Internal bonding system with zinc anode protection
13. Phone & CTV system with shore hookups
14. Alarm system; main engines & bilge alarms

ELECTRONICS

An \$110,000.00 electronics budget is provided so that specific equipment may be selected to owner's choice.

PIOLTHOUSE

1. Light weight cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Quality carpet & pad
4. Halogen lighting
5. Three (3) Stidd helm chair's
6. Raised settee with pedestal mount table with light weight granite
7. Helm station with all electronics custom installed into low profile console
8. Complete electronics package (per budget in allowance schedule)
9. Compass 6" Ritchie
10. Electronic ships monitoring system; tanks, bilge pumps, smoke
11. Kahlenberg dual air horn
12. Jabsco searchlight, remote-control 255SL halogen dual-bulb 200,000 candlepower
13. Windshield wipers, fresh water washer & defoggers
14. Side deck pilothouse doors to wing stations leading to portages bridge

SKY LOUNGE

1. Light weight cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Vinyl wall-covering with whisper wall tracking
5. Quality carpet & pad
6. Sofa with end & cocktail table
7. Two (2) barrel chairs

8. Entertainment center with pop-up 42" flat screen TV with sat-receiver & surround sound. (Kaleidescape System)
9. Dumbwaiter access from galley deck
10. Office work station
11. Tinted windows with privacy blinds & window treatments
12. Staircase down to main deck
13. Stainless steel aft sliding door
14. Day head

SALON

1. Light weight cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Vinyl wall-covering with whisper wall tracking
5. Quality carpet & pad
6. Two (2) sofa's with cocktail tables
7. Two (2) barrel chairs
8. Entertainment center with pop-up 42" flat screen TV with sat-receiver, surround sound (Kaleidescape System)
9. Tinted windows with privacy blinds & window treatments
10. Stainless steel aft sliding door
11. Day head

DAY HEAD'S

1. Light weight cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Vinyl wall covering
5. Light weight granite counter tops with under mount sink
6. Grohe designer towel bars & paper holders
7. Stone flooring

FORMAL DINNING

1. Light weight cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Detail overhead soffet
5. Quality carpet & pad
6. Custom built dinning table with eight (8) dinning chairs with place settings, china, stemware, silverware & table linens
7. Lots of dry storage

GALLEY

1. Light weight cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Large galley with center island & lots of storage
5. Pantry & lots of dry storage near galley
6. Light weight granite counter tops
7. Stainless steel sink, under-mount
8. Grohe fixture
9. Cabinets with roller glide drawers & sea lock hardware
10. Side-by-side refrigerator/freezer
11. Upright freezer
12. Four burner range
13. Microwave
14. Dish-washer
15. Trash compactor
16. Garbage disposal
17. Dumbwaiter access to skylounge deck
18. Stone flooring
19. Crew access from side deck & to crews lounge
20. Basic pots and pans with cooking utensils

BAR

1. Light weight cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Stone floor
4. Halogen lighting
5. Light weight granite counter top with under stainless steel sink
6. Refrigerator/icemaker combo
7. Three (3) bar stools

MASTER STATEROOM ON MAIN DECK

1. Light weight cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Vinyl wall-covering with whisper wall tracking
5. Quality carpet & pad
6. King-sized berth with custom innerspring mattress with storage drawers below
7. Custom design headboard
8. Nightstands with wall lamps
9. Flat screen 30" TV with sat-receiver, Kaleidescape system
10. Two (2) barrel chairs with table
11. Tinted windows with two (2) skylights with privacy window treatments
12. Large walk-in cedar lined wardrobe

13. Large dresser bureau

MASTER HEAD

1. Light weight cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Vinyl wall-covering
5. En-suite his & hers heads with Jacuzzi tub & shower
6. Medicine cabinets
7. Head Hunter heads
8. Grohe shower system with designer towel bars & paper holders
9. Light weight granite counter top with Kohler under mount sink
10. Stone flooring
11. Window with privacy window treatments

VIP STATEROOM

1. Light weight cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Vinyl wall-covering with whisper wall tracking
5. Quality carpet & pad
6. King-sized berth with custom innerspring mattress with storage drawers below
7. Custom design headboard
8. Nightstands with wall lamps
9. Flat screen 20" TV with sat-receiver, Kaleidescape system
10. Large vertical port window with privacy window treatments
11. Cedar lined lockers

VIP HEAD

12. Light weight cherry cabinetry
13. Vinyl headliner with whisper wall tracking
14. Halogen lighting
15. Vinyl wall-covering
16. En-suite his & hers heads with shower
17. Medicine cabinets
18. Head Hunter heads
19. Grohe shower system with designer towel bars & paper holders
20. Light weight granite counter top with Kohler under mount sink
21. Large vertical port window with privacy window treatments
22. Stone flooring

GUEST STATEROOM'S

1. Light weight cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Quality carpet & pad
4. Halogen lighting
5. Vinyl wall-covering with whisper wall tracking
6. Queen berth with inner spring mattress with storage drawers below
7. Large vertical port window with privacy window treatments
8. Flat screen 20" flat screen TV with sat-receiver, Kaleidescape system

GUEST HEAD'S

1. Light weight cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Vinyl wall-covering
5. En-suite heads with custom fitted showers
6. Head Hunter heads
7. Grohe shower system with designer towel bars & paper holders
8. Large vertical port window with privacy window treatments
9. Light weight granite counter top with Kohler under mount sink
10. Stone flooring

MAIN DECK FOYER

1. Entry main deck entry from starboard mid ship of side deck
2. Light weight cherry cabinetry
3. Vinyl headliner with whisper wall tracking
4. Halogen lighting
5. Elegant open stairs down to guest staterooms and up to pilothouse

LOWER FOYER

1. Vinyl headliner with whisper wall tracking
2. Halogen lighting
3. Vinyl wall-covering with whisper wall tracking
4. Quality carpet & pad
5. Linen room with front load washer & dryer

CAPTAIN'S STATEROOM

1. Light weight cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Vinyl wall-covering with whisper wall tracking

5. Quality carpet & pad
6. Queen berth with inner spring mattress with storage drawers below
7. Night stand
8. Desk with chair
9. Cedar lined wardrobe
10. Flat screen 20" flat screen TV with sat-receiver, Kaleidescape system
11. Stainless steel port hole with screen
12. En-suite head

CREW'S HEAD'S

1. Light weight cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Vinyl wall-covering
5. Custom molded fiberglass shower
6. Head Hunter heads
7. Grohe shower system with designer towel bars & paper holders
8. Avonite counter top with Kohler under mount sink
9. Stainless steel port holes with screens
10. Amtico flooring

CREW'S STATEROOM AFT

1. Light weight cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Vinyl wall-covering with whisper wall tracking
5. Quality carpet & pad
6. Two single berth's with inner spring mattress with storage drawers below
7. Cedar lined wardrobe
8. Flat screen 20" flat screen TV with sat-receiver, Kaleidescape system
9. Stainless steel port hole with screen
10. En-suite head

CREW'S STATEROOM FWD

1. Light weight cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Vinyl wall-covering with whisper wall tracking
5. Quality carpet & pad
6. Two single berth's with inner spring mattress with storage drawers below
7. Cedar lined wardrobe
8. Flat screen 20" flat screen TV with sat-receiver, Kaleidescape system
9. Two (2) overhead hatches
10. En-suite head

CREW'S GALLEY & LOUNGE FWD

1. Light weight cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Vinyl wall-covering with whisper wall tracking
5. Avonite counter top with stainless steel sink
6. Microwave, refrigerator
7. Built in settee with Avonite table
8. Flat screen 20" TV with sat receiver, Kaleidescape system
9. Stainless steel port light with screen
10. Amtico flooring
11. Laundry service area with storage
12. GE front load washer & dryer
13. Basic galley utensil's

EXTERIOR FEATURES & HARDWARE (MAIN DECK)

1. Windows tempered safety glass, 3/8" tinted on deck sides with 1/2" clear on front windshields
2. All 316L stainless steel exterior hardware
3. Hawse cleats, bow, quarter & aft
4. Side rails: 1 1/2" cap with 1 1/4" stations 316L stainless steel
5. Stainless steel rectangular port holes with screens
6. Fresh water outlets for deck wash down
7. Halogen or LED deck lighting
8. Deck surface is a low maintenance gel-coat non-skid stipple finish unless specified in specific areas which are teak

FLYBRIDGE

1. Molded in six (6) person hot tub with sun lounge
2. Fiberglass bar with four (4) bar stools with Avonite counter tops with refrigerator/ ice maker combo & stainless steel sink
3. Fiberglass storage cabinet with Avonite top
4. Lexan venturi wind screen
5. Radar arch, aluminum with mast for electronics
6. Custom fitted fiberglass hardtop
7. Halogen or LED deck lights
8. Two (2) lounge chairs
9. Stairs with teak treads leading down to boat deck
10. Deck surface is a low maintenance gel-coat non-skid stipple finish
11. Four (4) six (8) person life rafts in fiberglass container with hydrostatic release
12. Fresh water outlet for deck wash down
13. All 316L 2" stainless steel loop style handrails aft

BOAT DECK

1. Dining table for eight (8)
2. Built in fiberglass cabinet with Jen-Air BBQ, refrigerator/icemaker combo & stainless steel sink
3. Nautical Structures 2,000# electro/hydraulic boat davit, lift and hoist
4. 15' Novurania with Yamaha 90hp with weather cover & lifting bridle
5. Two (2) jet skis
6. Stairs with teak treads leading up to flybridge & down to aft deck
7. Stainless steel aft sliding door to skylounge
8. All 316L 2" stainless steel loop style handrails, removable sections for launching water toys
9. Deck surface is a low maintenance gel-coat non-skid stipple finish
10. Stern flag staff with 5' x 8' U.S. flag with light at base

FORE-DECK

1. Two (2) Maxwell 6000 hydraulic anchor windlass recessed with two (2) 210 lbs anchors recess in stainless steel pockets and 300' 5/8" HT chain with Freeman access hatch to chain locker
2. Large foredeck with storage lockers
3. Access from portages bridge
4. Deck surface is a low maintenance gel-coat non-skid stipple finish
5. Fresh water outlet for wash down
6. Bollard cleat with haws rings
7. Two forward hatches for crews quarters

AFT DECK

1. Large built-in settee with two (2) teak tables & weather covers
2. Storage lockers
3. Teak decks
4. Stairs with teak treads leading to boat deck
5. Stainless steel salon door
6. Halogen or LED overhead lighting

SIDE DECKS

1. Boarding doors port & starboard
2. Marquipt stowable boarding steps stowed in recess bulwarks for easy storage
3. Stairs leading to portages deck
4. Storage lockers port & starboard
5. Haws cleats, two (2) per side
6. Overhead storage lockers
7. Deck surface teak on main side decks and low maintenance gel-coat non-skid stipple finish at other areas
8. Life ring recessed into fashion coming

10. Halogen or LED overhead lights

SWIM PLATFORM

1. Swim platform with 2” stainless steel stern rails
2. Steps to aft deck, port & starboard side
3. Teak decks
4. Engine room access with Freeman door
5. Hot and cold shower
6. Fresh water wash down
7. 100 gallon gasoline tank with pumping station
8. Two (2) Maxwell 3500 warping winches with cleats

AQUATICS ROOM

1. Access from swim step
2. Dive compressor
3. Storage for 16 dive bottles
4. Ventilated locker storage for dive gear
5. Vinyl headliner with whisper wall tracking
6. Florescent lighting
7. Vinyl wall-covering
8. Durable rubber vinyl flooring

SAFETY AND MOORING

1. Owner’s manual with wiring & plumbing diagrams & complete documentation of all construction & systems along with all vendor catalogs
2. Four (4) six (6) person life rafts in fiberglass container with hydrostatic release
3. Twenty (20) adult & six (6) child life jackets
4. Two (2) 24” Life ring
5. Six (6) mooring & spring lines
6. Six (6) fenders 12” x 34”
7. Flare kit
8. First aid kit
9. Sixteen (16) portable dry chemical fire extinguishers mounted in accessible places
10. Smoke detector’s
11. GPIRB
12. Boat hook
13. Bell 8”

OPTIONAL EQUIPMENT AVAILABLE

1. Underwater Lights
2. Aft deck TV stowed in overhead
3. At anchor stabilization
4. F/B control station

NorthStar Yachts reserves the right to make changes to the specifications or equipment without written notice August 2007