



## NorthStar 112' Raised Pilothouse

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Naval architect	Jack Sarin
Length overall	112'0"
Length at waterline	99'0"
Beam	24'0"
Draft	6'1"
Displacement	275,000 lbs
Fuel	5,800 gals
Water	1000 gals
Holding tank	600 gals
Berthing Accommodations	4 Staterooms with heads
Crew Accommodations	3 Stateroom with heads

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### CONSTRUCTION

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

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1. Twin MTU 16V2000, 2000hp with ZF 2555A gears; other engine options available
2. Electronic controls in pilothouse, flybridge, 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 bow thruster, 16"- 65hp
5. American stabilizers
6. American ships integrated hydraulic package
7. Chilled water air conditioning with reverse cycle heating with air handlers & temperature controls in each room
8. Delta T engine room ventilation with demisters
9. Lube tank, 120 gal new & used with oil change system
10. Engine room start/stop panel
11. Jastrum hydraulic power steering
12. Bronze Nibral 5 bladed propellers

13. Propeller shafts, 4" Aquamet 22HS
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. Aluminum fuel tanks with sight glass & monitored with ship's monitor system
25. Fuel distribution manifold with transfer pump
26. Bronze sea water strainers
27. 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.
28. Craftsman 5 gal air compressor
29. Central vacuum system

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## PLUMBING

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1. Stainless steel fresh water tank with Head Hunter water pump
2. Two (2) 30 gallon stainless steel hot water tanks, 240 volt plus heat exchanger from main engines
3. Sealand Vacuflush heads with HD commercial grade pump
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, 1,200 gallons per day

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## ELECTRICAL

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1. Northern Lights generators, shielded; two (2) 55kw
2. 24 volt engine start batteries; four (4) 8D's
3. 24 volt house batteries twelve (12) 6 volt deep cycle
4. 12 volt generator start batteries; one (1) per generator
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. One (1) Glendenning Cablemaster with 100' of 100 amp 110V/220V shore power cable
9. Electrical distribution & control panels with magnetic circuit breakers, amp meters & volt meters
10. Duplex 120 volt outlets with GFI's in heads, galley & exterior outlets

11. Internal bonding system with zinc anode protection
12. Phone & CTV system with shore hookups
13. Alarm system; main engines & bilge alarms

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## ELECTRONICS

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

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## PILOTHOUSE

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1. Light weight cherry cabinetry; other wood options available
2. Vinyl headliner with whisper wall tracking
3. Quality carpet & pad
4. Halogen lighting
5. One (1) Pompanette helm chair's
6. Raised L-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

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## SALON

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

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## DAY HEAD'S

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1. Light weight cherry cabinetry; other wood options available
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Light weight granite counter tops with under mount sink
5. Amtico flooring or similar

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## FORMAL DINNING

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1. Light weight cherry cabinetry; other wood options available
2. Vinyl headliner with whisper wall tracking
3. Quality carpet & pad
4. Halogen lighting
5. Custom built dinning table with eight (8) dinning chairs
6. Lots of dry storage

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## GALLEY

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1. Light weight cherry cabinetry; other wood options available
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Large Country kitchen bar with two (2) bar stools
5. Light weight granite counter tops
6. Stainless steel sink, under-mount
7. Grohe fixture
8. Cabinets with roller glide drawers & sea lock hardware
9. GE profile side-by-side refrigerator/freezer
10. GE profile four burner range
11. GE profile microwave
12. GE profile dish-washer
13. GE profile Trash compactor
14. Pantry & lots of dry storage
15. Amtico or similar flooring

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## RAISED DINNETTE

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1. Raised settee with light weight granite table
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Amtico or similar flooring

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## MASTER STATEROOM

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1. Light weight cherry cabinetry; other wood options available
2. Vinyl headliner with whisper wall tracking
3. Quality carpet & pad
4. Halogen lighting
5. Vinyl wall-covering with whisper wall tracking
6. King-sized berth with custom innerspring mattress
7. Custom design headboard
8. Nightstands with wall lamps
9. Flat screen 30" TV with sat-receiver, DVD/CD player
10. Settee, custom built-in
11. Stainless steel port lights with screens

12. Cedar lined lockers

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MASTER HEAD

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1. Light weight cherry cabinetry; other wood options available
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. Sealand Vacuflush heads
8. Grohe shower system with designer towel bars & paper holders
9. Light weight granite counter top with Kohler under mount sink
10. Stainless steel port lights with screens
11. Stone flooring

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VIP STATEROOM

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1. Light weight cherry cabinetry; other wood options available
2. Vinyl headliner with whisper wall tracking
3. Quality carpet & pad
4. Halogen lighting
5. Vinyl wall-covering with whisper wall tracking
6. King-sized berth with custom innerspring mattress
7. Custom design headboard
8. Nightstands with wall lamps
9. Flat screen 20" TV with sat-receiver, DVD/CD player
10. Stainless steel port lights with screens
11. Cedar lined lockers

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VIP HEAD

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1. Light weight cherry cabinetry; other wood options available
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Vinyl wall-covering
5. En-suite heads with custom fitted showers
6. Sealand Vacuflush heads
7. Grohe shower system with designer towel bars & paper holders
8. Stainless steel port lights with screens
9. Avonite counter top with Kohler under mount sink
10. Amtico or similar flooring

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GUEST STATEROOM'S

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1. Light weight cherry cabinetry; other wood options available
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
7. Stainless steel port holes with screens
8. Flat screen 20" flat screen TV with sat-receiver

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#### GUEST HEAD'S

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1. Light weight cherry cabinetry; other wood options available
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Vinyl wall-covering
5. En-suite heads with custom fitted showers
6. Sealand Vacuflush heads
7. Grohe shower system with designer towel bars & paper holders
8. Stainless steel port lights with screens
9. Avonite counter top with Kohler under mount sink
10. Amtico or similar flooring

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#### MAIN DECK FOYER

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1. L Light weight cherry cabinetry; other wood options available
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Port & starboard aluminum doors to side deck
5. Coat locker
6. Stairs down to guest staterooms and up to pilothouse

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#### LOWER FOYER

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1. Light weight cherry cabinet
2. Vinyl headliner with whisper wall tracking
3. Quality carpet & pad
4. Halogen lighting
5. Linen wardrobe

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#### CAPTAIN'S STATEROOM

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1. Light weight cherry cabinetry; other wood options available
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
7. Flat screen 20" flat screen TV with sat-receiver
8. Stainless steel port holes with screens

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## CAPTAIN'S HEAD

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1. Light weight cherry cabinetry; other wood options available
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Vinyl wall-covering
5. Custom molded fiberglass shower
6. Sealand Vacuflush 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 or similar flooring

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## CREW'S STATEROOM'S

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1. Light weight cherry cabinetry; other wood options available
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Vinyl wall-covering with whisper wall tracking
5. Two single berth's with inner spring mattress
6. Stainless steel port hole with screens
7. Flat screen 20" flat screen TV with sat-receiver

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## CREW'S HEAD'S

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1. Light weight cherry cabinetry; other wood options available
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Vinyl wall-covering
5. Custom molded fiberglass shower
6. Sealand Vacuflush heads
7. Grohe shower system with designer towel bars & paper holders
8. Avonite counter top with Kohler under mount sink
9. Stainless steel port lights with screens
10. Amtico or similar flooring

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## CREW'S GALLEY & LOUNGE

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1. Light weight cherry cabinetry; other wood options available
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
9. Stainless steel port lights with screens

10. Amtico or similar flooring

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#### EXTERIOR FEATURES & HARDWARE (MAIN DECK)

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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 outlet fore and aft
7. Foredeck fender lockers
8. Foredeck seating
9. Deck lighting
10. Deck surface is a low maintenance gel-coat non-skid stipple finish
11. Pop-up tender cleats on swim step

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#### FLYBRIDGE

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1. Control console with full controls and gauges including engine alarms with weather cover
2. Lexan venturi wind screen
3. Two (2) Pompanette helm seat's with weather covers
4. L shaped settees, port and starboard with Avonite tables & weather covers
5. Radar arch, aluminum with mast for electronics
6. Halogen deck lights
7. Stairs with teak treads leading down to boat deck
8. Deck surface is a low maintenance gel-coat non-skid stipple finish

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#### BOAT DECK

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1. Nick Jackson 2,500# electro/hydraulic boat davit, lift and hoist
2. 15' Novurania with Yamaha 90hp with weather cover
3. Stairs with teak treads leading up to flybridge & down to aft deck
4. Deck surface is a low maintenance gel-coat non-skid stipple finish
5. All 316L 2" stainless steel handrails, loop style, removable sections for launching tender
6. Six (6) person hot tub with sun pad
7. Bar with four (4) bar stools, refrigerator/icemaker combo & stainless steel sink
8. Built in fiberglass cabinet with Jen-Air BBQ
9. Deck surface is a low maintenance gel-coat non-skid stipple finish

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#### FORE-DECK

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1. Maxwell 6000 hydraulic anchor windlass with 210 lbs anchor and 300' 5/8" HT chain with Freeman access hatch to chain locker
2. Large foredeck with built-in settee

3. Side rails: 1 ½” cap with 1 ¼” stations 316L stainless steel
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

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#### AFT DECK

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1. Large built-in settee with teak tables & weather covers
2. Storage locker with refrigerator/icemaker combo
3. Stairs with teak treads leading to boat deck
4. Deck surface is a low maintenance gel-coat non-skid stipple finish
5. Stainless steel salon door
6. Halogen overhead lighting

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#### SWIM PLATFORM

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1. Swim platform with 2” stainless steel stern rails with center opening gates
2. Engine room access with Freeman door
3. 100 gallon gasoline tank with pumping station
4. Deck surface is a low maintenance gel-coat non-skid stipple finish
5. Two (2) pop-up tender cleats

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#### MAIN DECK MECHANICAL & STORAGE

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1. Large mechanical & storage room under pilothouse
2. Washer & dryer
3. Chest freezer
4. Halogen lighting
5. Amtico or similar flooring

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#### UTILITY ROOM

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6. Light weight cabinetry
7. Vinyl headliner with whisper wall tracking
8. Halogen lighting
9. Vinyl wall-covering
10. Freezer, upright, GE
11. Stack washer/dryer GE
12. Avonite counter tops with wet sink
13. Durable rubber vinyl flooring
14. Opening s/s porthole with screen
15. Lots of dry storage

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## SAFETY AND MOORING

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1. Owner's manual with wiring & plumbing diagrams & complete documentation of all construction & systems
2. Two (2) ten (10) 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. Twenty (20) portable fire extinguishers mounted in accessible places
10. Smoke detector's
11. Boat hook
12. Bell 8"

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