



## NorthStar 100' Motoryacht

Hull #NHR100004L506

---

Naval architect	Jack Sarin
Length overall	100'1"
Length at waterline	87'1"
Beam	22'10"
Draft	5'10"
Displacement	254,000 lbs
Fuel	4525 gals
Water	640 gals
Holding tank	475 gals

---

### CONSTRUCTION

---

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
- 

### MECHANICAL & ENGINE ROOM EQUIPMENT

---

1. Twin MTU 12V-2000'S, 1480 hp with Twin Disc gears
2. Electronic controls in pilothouse, flybridge, port & starboard docking stations
3. Fiberglass sonar tube located in forward pantry area
4. Wesmar hydraulic bow thruster, 16"- 50hp
5. Wesmar hydraulic stern thruster, 12"- 40hp
6. Upgraded Naiad stabilizers, model #353, 12 sq. ft. fins, including MultiSea 2000 system
7. Chilled water air conditioning with reverse cycle heating with air handlers & temperature controls in each room
8. Delta T engine room ventilation w/ demisters
9. Lube tank, 60 gal new & used
10. Engine room start/stop panel
11. Jastrum hydraulic power steering
12. Bronze Nibral 5 bladed propellers
13. Propeller shafts, 3 1/2" Aquamet 22HS with prop spurs
14. Spare Shaft
15. Struts: high test bronze w/ cutlass bearings

16. Tides dripless shaft & rudder seals with spare shaft seals
17. Rudders: stainless steel 3" shafts w/ molded urethane fins
18. Underwater exhaust with stainless steel risers
19. Fuel priming pump for main engines
20. Hour meters on main engines & generators
21. Bilge high water alarm system
22. Fire extinguishing system with manual & automatic discharge, engine shutdown/override system & discharge alarm
23. Engine driven emergency bilge pump system
24. Racor fuel water separator filters for main engines & generators
25. Algae-x on both main engines & generators
26. Aluminum fuel tanks with sight glass & monitored with ship's monitor system
27. Fuel distribution manifold with transfer pump
28. Bronze sea water strainers
29. 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.
30. Craftsman 5 gal air compressor
31. Craftsman tool chest & tools
32. Fresh water outlet
33. Central vacuum system

---

## PLUMBING

---

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. Secondary on demand water heater 5gpm
4. Sealand Vacuflush heads with HD commercial grade pump
5. Integral fiberglass holding tank with dockside & overboard discharge systems
6. Electronic ship's monitoring tank indicator
7. Liberty Bay filters on engine room bilge pumps
8. Bilge high water alarm system
9. Common drain system for sinks and showers
10. Sea Recovery watermaker, 1,200 gallons per day
11. On demand hot water heater 5gpm

---

## ELECTRICAL

---

1. Northern Lights generators, shielded; (1) 55kw, (1) 40kw & (1) 16kw
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
5. One (1) 4000 watt inverter
6. 12 volt/24 volt DC & 120 volt/240 volt AC systems

7. Two (2) Glendenning Cablemaster with 100' of 100 amp 110V/220V shore power cable
8. 12 volt & 24 volt battery chargers w/isolation system
9. Two (2) Charles ISO boost systems
10. Electrical distribution & control panels with magnetic circuit breakers, amp meters & volt meters
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
15. Two (2) underwater lights

---

## ELECTRONICS

---

1. Furuno 72 mile black box radar
2. Furuno 48 mile black box radar
3. Northstar chartplotter with 15" display
4. Two (2) Northstar 15" & 17" color display
5. Northstar GPS chartplotter 3" color display
6. Two (2) Robertson AP50 autopilot
7. Four (4) Elbex color cameras with tilt & zoom
8. Two (2) Uniden 25 watts VHF radio with wireless remote microphone
9. Seatel satellite television; 24" dish in a 27" dome
10. Seatel dummy dome for future fleet 55
11. CDI coolwave pro P4 3.0ghz 800 fsb 512mb 80gb computer
12. Wired for SSB and all other long range communications equipment
13. B&G 213 wind display
14. Fruno satellite GPS gyro compass
15. GPIRB 406 cat 1 Auto release
16. Outlet for hand held spot lights
17. Charging station/cabinet for all portable systems—telephones, hand held VHF and GPS
18. Panasonic integrated phone system

---

## PIOLTHOUSE

---

1. Quarter sawn cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Quality carpet & pad
4. Halogen lighting
5. Two (2) Stidd helm chair's
6. U-shaped raised settee with pedestal mount table with granite
7. Helm station w/all electronics custom installed into low profile console
8. Complete electronics package
9. Electronic ships monitoring system; tanks, bilge pumps, smoke
10. Kahlenberg dual air horn
11. Jabsco searchlight, remote-control 255SL halogen dual-bulb 200,000 candlepower
12. Windshield wipers, fresh water washer & defoggers

13. Port & starboard side deck pilothouse doors
14. Access to flybridge
15. Day head

---

## SALON

---

1. Quarter sawn cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Quality carpet & pad
4. Halogen lighting
5. L-shaped sofa with cocktail table
6. Two (2) occasional chairs with ottomans
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

---

## DAY HEAD

---

1. Quarter sawn cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Light weight granite counter tops with under mount sink
5. Stone tile flooring

---

## DINNING

---

1. Quarter sawn cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Quality carpet & pad
4. Recess ceiling with decorative light
5. Halogen lighting
6. Dinning table with six (6) dinning chairs
7. Built in storage cabinet

---

## GALLEY

---

1. Quarter sawn cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Light weight granite counter tops
5. Stainless steel sink, under-mount
6. Grohe fixtures
7. GE profile side-by-side refrigerator/freezer
8. GE profile four burner range
9. GE profile microwave upgraded with toaster
10. GE profile dish-washer
11. GE profile Trash compactor

12. GE garbage disposal
13. Cabinets with roller glide drawers & sea lock hardware
14. Additional dish rack cabinet over galley window
15. Stone tile flooring

---

#### BAR ACROSS FROM DINNING

---

1. Quarter sawn cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Quality carpet & pad
4. Halogen lighting
5. Light weight granite counter top
6. Icemaker concealed in drawer
7. Storage locker with wine storage
8. Custom etched glass with underneath handrail lighting stairway wall divider

---

#### MASTER STATEROOM

---

1. Quarter sawn 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. King-sized berth with custom innerspring mattress
7. Custom design headboard
8. Nightstands with wall lamps
9. Work station with cabinets, drawers & chair
10. Flat screen 22" TV with sat-receiver, DVD/CD player
11. Settee, custom built-in
12. Walk-in cedar lined lockers
13. Stainless steel port lights with screens

---

#### MASTER HEAD

---

1. Quarter sawn 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. Sealand Vacuflush heads
8. Exhaust fan
9. Grohe shower fixtures, towel bars & paper holders
10. Stainless steel port lights with screens
11. Light weight granite counter top with Kohler under mount sink
12. Stone tile flooring

---

## VIP STATEROOM, MID PORT

---

1. Quarter sawn 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-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

---

## VIP HEAD, MID PORT

---

1. Quarter sawn 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. Sealand Vacuflush heads
7. Exhaust fan
8. Grohe shower fixtures, towel bars & paper holders
9. Stainless steel port lights with screens
10. Avonite counter top with Kohler under mount sink
11. Amtico flooring

---

## GUEST STATEROOM #1 MID STARBOARD

---

1. Quarter sawn 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. Twin berth with inner spring mattress
7. Stainless steel port hole with screens
8. Flat screen 20" flat screen TV with sat-receiver

---

## GUEST HEAD #1 MID STARBOARD

---

1. Quarter sawn 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. Sealand Vacuflush heads

7. Exhaust fan
8. Grohe shower fixtures, towel bars & paper holders
9. Stainless steel port lights with screens
10. Avonite counter top with Kohler under mount sink
11. Amtico flooring

---

#### LOWER FOYER

---

1. Art niche with storage below
2. Stack GE washer & dryer
3. Vinyl headliner with whisper wall tracking
4. Quality carpet & pad with stone tile boarder
5. Halogen lighting
6. Linen wardrobe

---

#### GUEST STATEROOM PORT FWD

---

1. Quarter sawn 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
7. Stainless steel port hole with screen
8. Flat screen 20" flat screen TV with sat-receiver

---

#### GUEST HEAD PORT FWD

---

1. Quarter sawn 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. Sealand Vacuflush heads
7. Exhaust fan
8. Grohe shower fixtures, towel bars & paper holders
9. Stainless steel port light with screen
10. Avonite counter top with Kohler under mount sink
11. Amtico flooring

---

#### CAPTAIN'S STATEROOM AFT

---

1. Quarter sawn 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
7. Work station
8. Stainless steel port hole with screens
9. Flat screen 20" flat screen TV with sat-receiver

---

#### GUEST STATEROOM FWD

---

1. Quarter sawn 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. Three (3) single bunks with inner spring mattress
7. Flat screen 20" flat screen TV with sat-receiver

---

#### FAMILY LOUNGE FWD

---

1. Quarter sawn 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. Avonite counter top with stainless steel sink
7. Microwave, refrigerator
8. Built in settee
9. Flat screen 20" TV with sat receiver
10. Stainless steel port light with screen
11. Stairs leading to pilothouse

---

#### CREW'S STATEROOM AFT

---

1. Quarter sawn cherry cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Vinyl wall-covering with whisper wall tracking
5. Single berth's with inner spring mattress

---

#### CREW'S HEAD'S AFT

---

1. Quarter sawn cherry cabinetry
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 fixtures, towel bars & paper holders
8. Avonite counter top with Kohler under mount sink

9. Amtico flooring

---

#### CREW'S LOUNGE AFT

---

1. Quarter sawn 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. Upright freezer GE
8. Stack washer/dryer GE
9. Built in settee with Avonite table
10. Flat screen 20" TV with sat receiver
11. Stainless steel port light with screen
12. Stairs leading to aft deck
13. Amtico flooring

---

#### EXTERIOR FEATURES & HARDWARE

---

1. All 316L stainless steel exterior hardware
2. All 316L 1 1/2" stainless steel cap rail with 1 1/4" stations
3. Teak aft deck, cockpit, swim platform and steps
4. Removable side mount Marquipt boarding stairs
5. Stainless steel port lights with screens
6. Windows glue in tempered safety glass, 3/8" tinted on deck sides with 1/2" clear on front windshields
7. Halogen deck lighting
8. Hawse cleats, bow and quarter

---

#### FLYBRIDGE

---

1. Control console with full controls and gauges including engine alarms with weather cover
2. Wing station port & starboard
3. Lexan venturi wind screen
4. Two (2) Stidd helm seat's with weather covers
5. U-shaped settees, port and starboard with Avonite tables & weather covers
6. Jabsco searchlight, second station
7. Radar arch, aluminum with mast for electronics
8. Fiberglass hardtop
9. Halogen deck lights
10. Deck surface is a low maintenance gel-coat non-skid stipple finish

---

## LOUNGE DECK

---

1. Hot tub with sun pad
2. L-shape settee with Avonite table & weather covers
3. Bar with Avonite top, refrigerator/icemaker, wet sink & four (4) bar stools
4. Electric Jen-Air BBQ grill
5. All 316L 1 ½” stainless steel cap rail with 1 ¼” stations
6. Deck surface is a low maintenance gel-coat non-skid stipple finish
7. Stairs with teak treads leading down to boat deck
8. Two (2) halogen deck lights mounted on arch facing aft
9. Fresh water outlet for wash down

---

## BOAT DECK

---

1. Nautical Structures davit, upgraded for larger tender
2. Tender 17’ 6” Q480 Novurania w/ Yamaha 115hp with weather cover
3. Aluminum powder coated arch for tender
4. Stairs with teak treads leading down to aft deck
5. Deck surface is a low maintenance gel-coat non-skid stipple finish
6. All 316L 2” stainless steel handrails, loop style, removable for launching tender

---

## FORE-DECK

---

1. Maxwell 4500 hydraulic anchor windlass w/ 210# anchor and 300’ 5/8” HT chain w/ Freeman access hatch to chain locker
2. Anchor wash down system
3. Large foredeck with built-in settee & sun pad
4. All 316L 1 ½” stainless steel cap rail with 1 ¼” stations
5. Deck surface is a low maintenance gel-coat non-skid stipple finish
6. Fresh water outlet for wash down
7. Two (2) bollard cleat

---

## AFT DECK

---

1. Large built-in settee with teak tables & weather covers
2. Storage locker with refrigerator/icemaker combo & wet sink
3. Stairs with teak treads leading to boat deck & enclosed stairs leading to crew’s quarter’s
4. Teak decking
5. Stainless steel salon door
6. Rod holder locker on each side deck overhead
7. Halogen overhead lighting
8. Flip down flat screen TV

---

## SWIM PLATFORM

---

1. Swim platform with 2" stainless steel stern rails with center opening gates
2. Teak decking
3. Hot and cold shower remote
4. Two (2) bollard cleats
5. Engine room & crews quarters access
6. 100gal gasoline tank with pump station

---

## SAFETY AND MOORING

---

1. Owner's manual with wiring & plumbing diagrams & complete documentation of all construction & systems
2. Two (2) Winslow six (6) person offshore life raft stowed in overhead of side decks
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. Removable dive ladder
8. Flare kit
9. First aid kit
10. Twelve (12) portable fire extinguishers mounted in accessible places
11. Smoke detector's
12. Boat hook
13. Bell 8"

NorthStar Yachts reserves the right to make changes to the specifications or  
equipment without written notice  
August, 2006