



NorthStar 80' Sportfisher Hull #80-005

Naval Architect	Howard Apollonio
Length overall	80'
Length at waterline	68'
Beam	23'
Draft (full load)	5'6"
Displacement	Light load; 124,000 lbs Half load; 140,000 lbs Full load; 157,000 lbs
Fuel	3600 gal
Water	400 gal
Holding Tank	400 gal
Berthing Accommodations	4 Staterooms/7 heads

A. CONSTRUCTION

1. Hull, deck and superstructure is hand laid molded fiberglass with vacuum bagged structural coring built to engineering specifications and 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 and reinforced chines
4. Structural bulkheads and soles are vacuum bagged coring bonded to hull
5. Propeller pockets for reduced draft
6. Five (5) year limited hull and superstructure warranty including blistering
7. Overall construction process using light weight materials for reduced weight

B. MECHANICAL and ENGINE ROOM EQUIPMENT

1. Twin MTU 16V2000, 2000hp with ZF 2555A gears
2. Electronic controls in pilothouse, port and starboard docking stations, fishing tower and cockpit
3. American hydraulic bow and stern thruster, 12"- 40hp with integrated hydraulic system
4. Chilled water air conditioning with reverse cycle heating with air handlers and temperature controls in each room
5. Delta T engine room ventilation with demisters
6. Oil change system; main engines and generators
7. Lube tank, 40 gal new and used

8. Engine room start/stop panel
9. Jastram hydraulic power steering
10. Bronze Nibral propellers
11. Propeller shafts, 4" Aquamet 22HS
12. Struts: high test bronze with cutlass bearings
13. Tides dripless shaft and rudder seals
14. Rudders: stainless steel 3" shafts with molded urethane fins
15. Stainless steel exhaust risers
16. Fuel priming pump for main engines
17. Hour meters on main engines and generators
18. Bilge high water alarm system with five pumps
19. Fire extinguishing system with manual and automatic discharge, engine shutdown/override system and discharge alarm
20. Engine driven emergency bilge pump system
21. Racor fuel water separator filters for main engines and generators
22. Algae-x on both main engines and generators
23. Aluminum fuel tanks with sight glass and monitored with ship's monitor system
24. Fuel distribution manifold with transfer pump
25. Bronze sea water strainers
26. Sound abatement: extensive use of Soundown, Nida-Core and 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 wireways and plumbing, and extensive machinery and drive train alignment.
27. Watermaker 1400 gallons a day
28. Fresh water outlet
29. Central vacuum system

C. ELECTRICAL

1. Northern Lights 33 KW generator, shielded
2. Northern Lights 25 KW generator, shielded
3. 24 volt engine start batteries Four (4) 8D's
4. 24 volt house batteries twelve (12) 6 volt deep cycle
5. 12 volt generator start batteries
6. One (1) 4000 watt inverter
7. 12 volt/24 volt DC and 120 volt/240 volt AC systems
8. Glendinning Cablemaster with 100' of 100 amp 110V/220V shore power cable
9. 12 volt and 24 volt battery chargers with isolation system
10. Charles ISO boost system
11. Electrical distribution and control panels with magnetic circuit breakers, amp meters, and volt meters
12. Duplex 120 volt outlets with GFI's in heads, galley and exterior outlets
13. Internal bonding system with zinc anode protection
14. Phone and CTV system with shore hookups
15. Alarm system; main engines and bilge alarms

D. ELECTRONICS

1. Furuno 25kw BB Radar
2. Furuno navnet BB sounder
3. Furuno navnet BB warthogs receiver
4. Nobeltec admiral software
5. Fruno GP32 receiver
6. Compact display 17"
7. Robertson AP-50 autopilot
8. Digital 60DB 3wat cell amp
9. Shakespear 4' cell antenna
10. Seatel 24" dish; 27" dome TV
11. Fruno sonar 8" #250BB
12. Elbex camera's located in engine room and aft deck with zoom and pan
13. Sentinel (NorthStar™) ships monitoring system
14. Two (2) Uniden VHF radio with remote mic and hailer
15. GPIRB 406 Cat 1
16. Alert receiver with four (4) crew transmitter
17. Panasonic telephone system
18. Ritchie compass 6"

E. PLUMBING

1. Stainless steel fresh water tank with Head Hunter water pump
2. Two (2) 30 gallon stainless steel hot water tank, 240 volt plus heat exchanger from main engines
3. On demand tank less hot water system; 14.4kw 2.6gpm
4. Sealand Vacuflush heads with HD commercial grade pump, Mod#501200
5. Integral black water holding tank
6. Dockside and overboard discharge systems
7. Ships monitoring tank indicator at helm station

F. EXTERIOR FEATURES and HARDWARE

1. Kolstrand hydraulic drum mounted under deck with 50 Kg Bruce# anchor with 500' 5/8" stainless steel cable and 50' chain with Freeman access hatch to chain locker
2. Bow pulpit
3. Nick Jackson 1,500# electro/hydraulic boat davit
4. 13' Novurania with 60hp, 4-stroke outboard
5. 60 gal built in gas tank for filling tender
6. Contemporary-styled windows; tinted safety glass; "frameless" and flush mounted
7. All 316L stainless steel exterior hardware
8. Eight cleats, two (2) stern, four (4) amidship, two (2) forward
9. Side rails: 1 1/2" cap with 1 1/4" stations 316L stainless steel
10. Stainless steel port holes with screens
11. Fresh Water outlet on foredeck and aft deck

12. Deck surface is a low maintenance gel-coat non-skid stipple finish
13. Deck lighting, footlights on fore deck, overhead halogen lighting on side and aft decks
14. Heavy duty vinyl with stainless steel cap at shear and at guards
15. Fresh water inlet
16. Canvas custom fitted at yard for tender, fitting chair, tower controls & bench seat

G. PILOTHOUSE and LOUNGE

1. Light weight rosewood cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Pilothouse with Side deck's
5. Raised L-shaped settee with granite table
6. Helm station with all electronics custom installed into low profile console
7. Ships monitoring system; tanks, bilge pumps, smoke and shore power
8. Complete electronics
9. Two (2) Stidd helm seat #500-XL-1X2
10. Two docking stations on side deck's
11. Buell dual air horn
12. Jabsco searchlight, remote-control 255SL halogen dual-bulb 200,000 candlepower
13. Windshield wipers and fresh water washers
14. Windshield defoggers
15. Aft stainless steel sliding pilothouse door
16. Interior stairs to main deck
17. Bar with under GE refrigerator/icemaker combo
18. Entertainment center with pop-up 26" flat screen TV, AM/FM tuner DVD/CD player
19. Day Head

H. SALON

1. Light weight rosewood cabinetry
2. Sculptured staircase leading to pilothouse
3. Vinyl headliner with whisper wall tracking
4. Halogen lighting
5. L-shaped sofa with cocktail table
6. Two (2) barrel chairs
7. Entertainment center with pop-up 42" flat screen TV with sat-receiver, AM/FM tuner DVD/CD player receiver, surround sound
8. Privacy blinds
9. Large stainless steel aft sliding door
10. Day head

I. DINNING

1. Light weight rosewood cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Decorative raised coffered ceiling
5. Dinning table with eight (8) dinning chairs
6. Art niche cabinet

J. GALLEY

1. Light weight rosewood cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Light weight granite counter tops
5. Sub-Zero side-by-side refrigerator/freezer
6. GE four burner range
7. GE microwave
8. GE dish-washer
9. GE trash compactor
10. GE garbage disposal
11. Cabinets with roller glide drawers and sea lock hardware
12. Stainless steel sink, under-mount
13. Cork or similar flooring
14. Country kitchen bar with four (4) bar stools

K. MASTER STATEROOM

1. Light weight rosewood cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Vinyl wall-covering with whisper wall tracking
5. King-sized berth with custom innerspring mattress
6. Custom design headboard
7. Nightstands with wall lamps
8. Flat screen 22" TV with sat-receiver, DVD/CD player
9. Settee, custom built-in
10. Cedar lined lockers

L. MASTER HEAD

1. Light weight rosewood cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Wallpaper wall-covering
5. En-suite his and hers heads with custom fitted Jacuzzi tub shower

6. Medicine cabinets
7. Sealand Vacuflush heads
8. Exhaust fan
9. Grohe shower fixtures with designer towel bars and paper holders
10. Stainless steel port lights with screens
11. Lightweight granite counter tops
12. Cork flooring

M. FOYER

1. Large common foyer from main deck forward to all stateroom's
2. Vinyl headliner and wall covering with whisper wall tracking
3. Halogen lighting
4. Two (2) art niches with decorative stairway
5. Washer/Dryer combo unit

N. GUEST STATEROOMS

1. Light weight rosewood cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Vinyl wall-covering with whisper wall tracking
5. Modified queen berth port and or two (2) twin bunks starboard all with inner spring mattress
6. Stainless steel port holes with screens
7. Flat screen 20" flat screen TV with sat-receiver

O. GUEST HEADS

1. Light weight rosewood cabinetry
2. Vinyl headliner with whisper wall tracking
3. Halogen lighting
4. Wallpaper wall-covering
5. En-suite heads with custom fitted showers
6. Sealand Vacuflush heads
7. Exhaust fan
8. Grohe shower system
9. Stainless steel port lights with screens
10. Avonite counter top
11. Amtico or similar flooring
12. Designer towel bars and paper holders

P. CALIFORNIA AFT DECK

1. Aft sliding salon door; stainless steel
2. Teak decks
3. Stairs to pilothouse deck
4. Steps port and starboard to cockpit
5. Built in storage cabinet with GE refrigerator and icemaker
6. Table with four (4) bar stools
7. Eight (8) rod holders on aft rail
8. Halogen deck lighting on overhead
9. Large side decks for foredeck with side rails: 1 ½” cap with 1 ¼” stations 316L stainless steel
10. Deck surface is a low maintenance gel-coat non-skid stipple finish
11. Built in water demister system in overhead

Q. COCKPIT

1. Scoponich fighting chair
2. Teak decks and cap rail
3. Six (6) rod holders with drains
4. Built in fiberglass cabinet with
 - a. Live bait well (160gal)
 - b. Built in tackle center
 - c. Sink with cutting board
 - d. Under counter storage
 - e. Freezer storage locker
5. Four (4) tuna tubes
6. Built in insulated fish box
7. Cockpit controls; surface mount with weather cover
8. Electric Jen-air BBQ grill
9. Built in cold plate freezer box
10. Eskimo ice chipper 600 lbs per day
11. Fresh and raw water wash down
12. Hot and cold shower remote
13. Large boarding transom door
14. Access to engine room and Lazarette
15. Large self bailing scuppers
16. Rupp 42’ outriggers
17. Underwater lights at transom

R. PILOTHOUSE DECK

1. Stairs down to california deck
2. Ladder to aluminum fishing tower
3. Side decks with port and starboard wing stations
4. Side rails: 1 ½” cap with 1 ¼” stations 316L stainless steel

5. Deck surface is a low maintenance gel-coat non-skid stipple finish
6. Built in fiberglass settee with weather cover
7. Aft sliding door to pilothouse; stainless steel
8. Fresh water outlet

S. FISHING TOWER

1. Aluminum fishing tower with fiberglass hardtop
2. Fiberglass console with steering and engine controls
3. Seat base and backrest with flip up seat and ladder entry
4. Access ladder from pilothouse deck
5. Weather covers for console and bench seat

T. SAFETY and MOORING

1. Life raft ten (10) person
2. Ten (10) adult and two (2) child life jackets
3. Two (2) 20" Life ring
4. Six (6) mooring and spring lines
5. Six (6) fenders
6. Craftsman tool box and kit
7. Flare kit
8. First Aid Kit
9. Nine (9) 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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