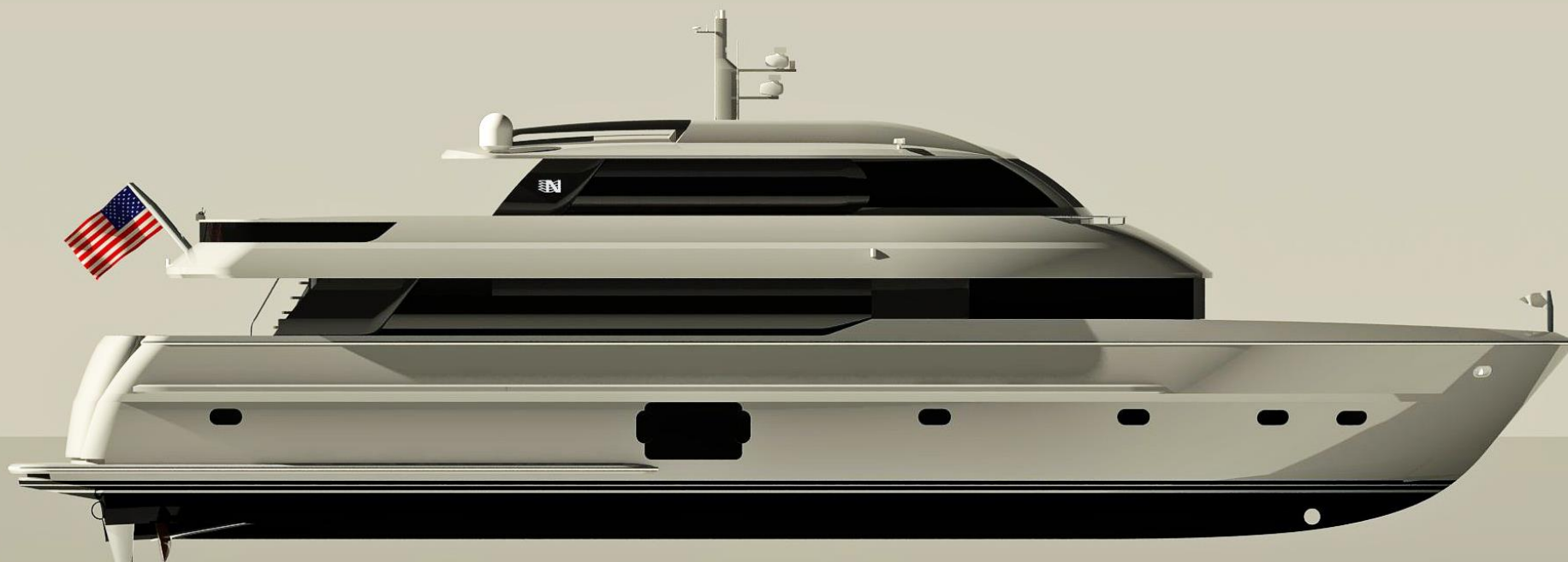


NORSEMAN



SL 950

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Dealer's Business Card
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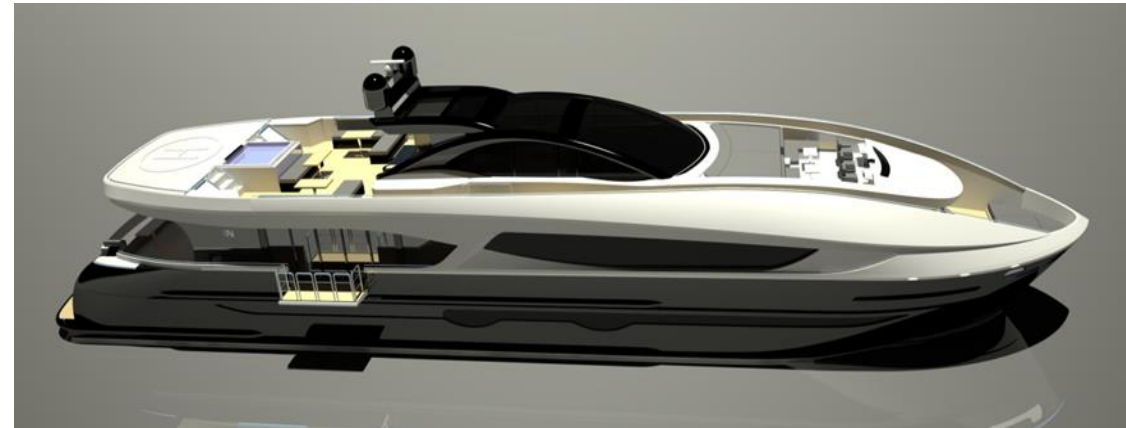
SL 950



Norseman Yachts commenced its operation in the USA since 1979. It has rich heritage and developed some of the finest custom yachts. Over the past few decades, with hundreds of satisfied owners of Norseman cruising the world, Norseman Yachts continue its pursuit of excellence in design, engineering and construction of the finest ocean-going vessels.

From the past sail boats to the new motor yachts, they all are beautiful examples of Norseman yachts. Some of the older sail boats are still in excellent conditions, maintained great market value*, and are living evidences of our quality construction.

* Market value can be verified at www.yachtworld.com







SL 950

Specifications and Standard Equipment List

Length Overall	95' 0"
Beam	21' 0"
Draft (with prop. tunnels)	4' 10"
Displacement	180,000 lbs
Fuel Capacity	2,000 gals
Water Capacity	400 gals
Holding Tank Capacity	200 gals

Main Electrical, Mechanical & Propulsion System:

Engines: Standard - Twin 1900HP CATERPILLAR® Marine Diesel Engines with ZF® gear box.
Optional - Twin 1920HP MTU® 12V2000M Marine Diesel Engines with ZF® gear box.

Thrusters: TRAC® hydraulic bow thruster.
TRAC® hydraulic stern thruster.

Stabilizers: TRAC® hydraulic stabilizer fins.

Generators: Two (2) ONAN® Quiet Diesel™ 32 Kw/60Hzmarine diesel generators.



Hull

1. Hand-laid composite hull molded in one piece.
 - Below water line: solid hand-laid fiberglass hull.
 - Above water line: hand-laid fiberglass construction cored with high strength DIVINYCELL® foam using “Vacuum Infusion” construction techniques.
2. Vinyl ester resin used for entire hull surface lamination.
3. Gel Coat: ASHLAND® yacht gel coat.
4. Bottom painted with 2 coats of epoxy primer barrier coat and 3 coats of anti-fouling paint.
5. Hull and deck joint through-bolted every 6”, glued & sealed with 3M® 5200 sealant, and glassed over with 6 layers of fiberglass.
6. Main bulkheads are cored with DIVINYCELL® foam and all interior structural components are all properly bonded to the hull.
7. Longitudinal and transverse stringer system.
8. High density foam core is used on the engine longitudinal stringers.
9. Molded FRP rub rails capped with solid stainless steel trim rail.
10. Steel bearers of engine mounting platforms for are thru bolted to the stringers.
11. Hull designed by Gary Grant, tank tested by Vizon Sci-Tec B.C. laboratory.

Decks and Superstructure

1. Hand-laid fiberglass decks, deckhouse, cabin sole and bulkheads cored with high strength DIVINYCELL® foam using “Vacuum Infusion” construction technique.
2. Stainless steel backing plates are installed behind hardware mounting locations, such as: hand rail stanchions and exterior door hinges, for secure mounting of the hardware.
3. Stainless steel cleats, with the necessary hawse pipe are installed on both sides of the vessel. (A total of 10 cleats including 2 retracting cleats on the swimming platform)
4. Stainless steel exterior handrails and stanchions are 316 grade, handrails are 1 1/2” diameter and 36” high from deck. Opening of the rail are provided for side boarding gates.
5. Molded FRP seating with storage space below.
6. Non-skid FRP exterior decks.
7. Self-draining drains & scupper.
8. Step lights: LED lights on each exterior steps.
9. Seating cushions: exterior vinyl or standard SUNBRELLA® fabrics covered over exterior type (water draining) foam. Fabric to be selected by client.
10. Solid teak wood flooring on all exterior main deck surface.

LOWER DECK Floor Plan



Forward Deck

11. Chain lockers with shelves.
12. Foredeck flag staff with anchor light
13. Fresh water deck wash.
14. Reinforced anchor winch mount.
15. Storage locker for fenders.

Cockpit (Aft Deck) & Swim Platform

16. Capstans: MAXWELL®, 2 units.
17. Cockpit storage locker for fenders and shoes.
18. Flag staff.
19. Folding teak chairs. (4 chairs)
20. Large teak cockpit table on stainless steel posts.
21. Stairs with hand rails and courtesy lights
22. Rub rails around swim platform.
23. Stainless steel swimming ladder with teak steps.
24. Transom hot & cold fresh water shower
25. Transom Shore water, phone & TV connection
26. Water tight door to crew quarter from swim platform.

Fly bridge Deck

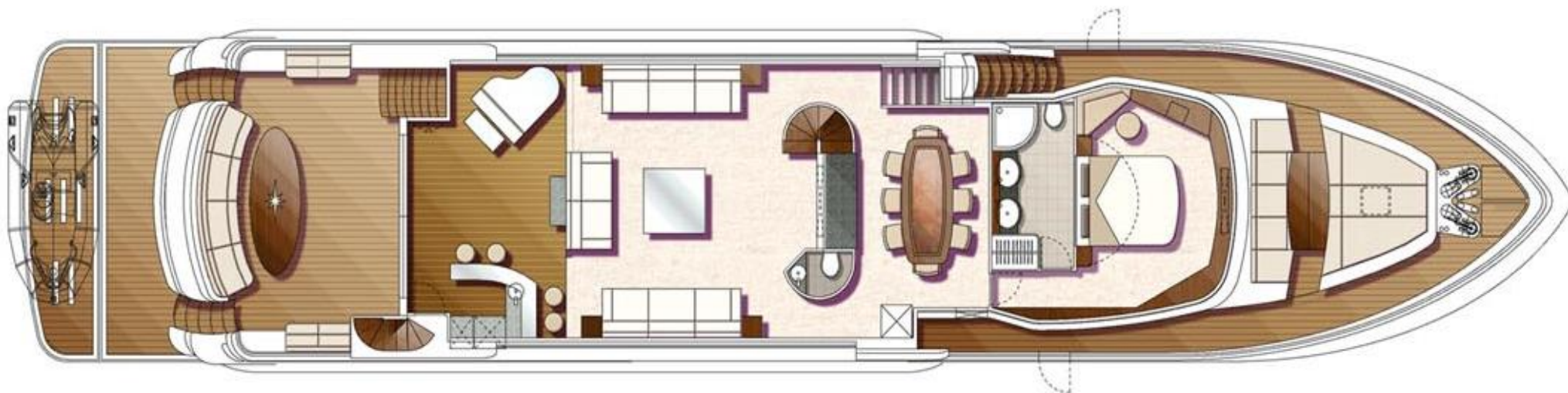
27. Exterior bar with 4 bar stools on stainless steel legs

28. Molded exterior FRP seating, table, under seat storage space & sun pad per approved plan.
29. Molded staircase from fly bridge to forward deck.
30. Walk-around side decks.

Windows, Portholes, Hatches & Watertight Doors

31. All external windows, above deck will be frameless, directly bonded to the fiberglass. Front windshields are 10mm insulated, tempered glass. Side windows are 8mm tinted tempered glass.
32. Watertight doors are built with stainless steel frame, heavy duty hinges and locking mechanisms. Stainless steel door jams are lined with rubber gaskets to ensure good seal.
 - Total of 3 exterior watertight doors:
1 each at sky lounge port & starboard side, and 1 at main deck starboard side.
 - Total of 2 interior watertight doors each is sound insulated and has a sealed inspection window: 1 for engine room access & 1 for crew quarter to rudder room access.
33. Stainless steel opening portholes. Each has 8mm security glass & is fitted with insect screen.

MAIN DECK Floor Plan



Salon

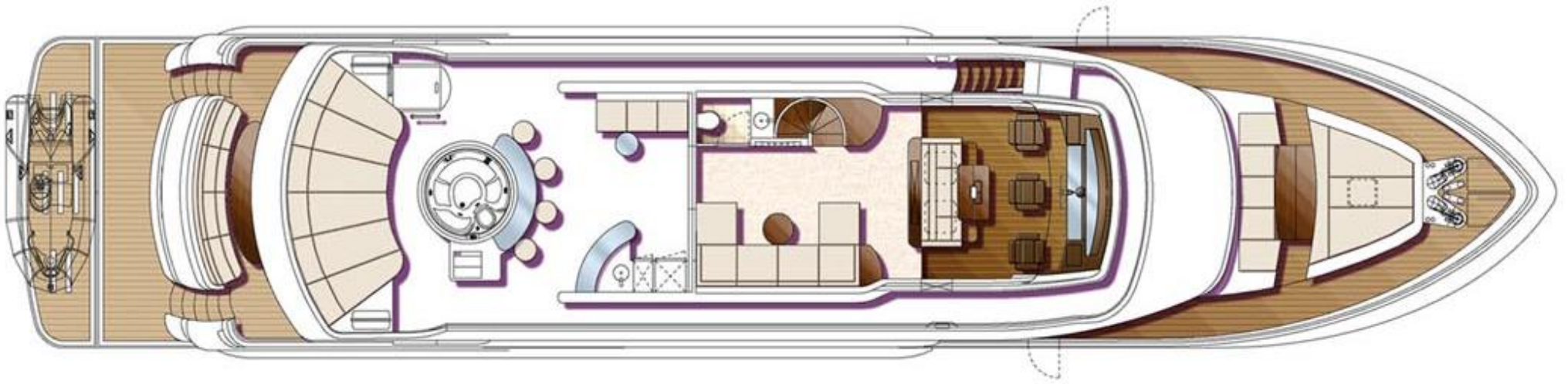


Main Deck Master Suite





SKY LOUNGE Floor Plan



Interior Decoration & Finishes

1. Burl wood inlaid in selected areas.
2. Burl wood table tops and counter tops in selected areas.
3. Carpeted interior stairs.
4. Cedar lined hanging lockers with automatic lighting.
5. Custom ceiling design.
6. "Makore" cherry wood interior wood surface in satin finish.
7. Push/Release type button latches for cabinets and drawers by HAFELE®.
8. Quality carpet flooring in salon & staterooms with rubber insulation pads.
9. Removable overhead padded vinyl headliners throughout.
10. Rope lighting in selected areas.
11. Interior doors to all cabins to be core doors with matching wood veneer surface and solid wood trims. Door jams are made of the same solid wood and heavy duty scissor hinges.
12. Interior handles to be BALDWIN® or KLC® or install handles supplied by client.
13. GE® or BOSCH® washer & dryer: located at crew quarter.

Galley

14. Appliance:

- 1 Refrigerator: GE® or BOSCH®.
- 1 trash compactor: GE®.
- 1 dishwasher: Fisher Paykel® or BOSCH®.
- 1 electric 4 burner cooktop: GE®.
- 1 microwave: GE®.

15. CORIAN® or granite counter top.

16. GROHE® single lever faucet in the galley.

17. Stainless steel double sink.

18. Storage cabinets.

Heads (8 total, including day head)

19. CORIAN® or Marble vanity tops with ceramic sinks.

20. GROHE® basin mixers faucet or equal in chrome finish.

21. Opening porthole with screen.

22. Exhaust blower

23. Large walk in shower. (except two day head)

24. Storage Lockers.

25. SEALAND® "Master Flush" toilets are in all heads

26. Toilet paper roll holder, concealed soap dispenser.

27. GROHE® faucet for shower in chrome finish.

28. GFI® power sockets.



Formal Dining

- 29. Built-in storage cabinets for china & silverware for 10.
- 30. Complete china & silverware.
- 31. Dining table with burl wood inlaid table top & 8 dining chairs.
- 32. Carpet flooring in formal dining room.

Salon

- 33. Appliance: 1 fridge/ ice maker: U-LINE®.
- 34. Sofas cover with leather or ULTRA LEATHER®
- 35. Coffee table with burl wood in-laid table top
- 36. Blinds or curtains on all salon windows.
- 37. Day head.
- 38. Quality carpet flooring with noise insulation pad.
- 39. Built-in 50" Flat screen TV on a hi-low TV lift, with BOSE® stereo system.
- 40. Wet bar with faucet & stainless steel sink.

Sky lounge – Pilot house

- 41. 1 STIDD® helm chair.
- 42. Bilge pumps visual and audible warning indicators.
- 43. Built in settees with tables.
- 44. CATERPILLAR® start-stop engine keys
- 45. CATERPILLAR® engine controls.
- 46. CATERPILLAR® engine information LCD panels with audible and visual engine alarms.

- 47. Compass.
- 48. Custom stainless steel steering wheel.
- 49. Control switches for designated equipment, horn and lights.
- 50. Dashboard instrument panel surface in burl wood panel,
- 51. Engine room fire extinguisher warning system control panel.
- 52. Interior stairway to main deck/salon.
- 53. On board monitoring panel includes indicator lights for bilge pump, high-level alarm, engine room blowers and navigation lights.
- 54. Quality carpet floor in the sky lounge with sound insulation pad.
- 55. Quality vinyl wall surface for sky lounge interior wall.
- 56. Sky lounge light dimmer switch.
- 57. Windshield A/C defogs vents.
- 58. Windshield wipers with washers.

Staterooms - 8 total, including 2 crew cabins

- 59. Air conditioning outlets and independent control for each room.
- 60. Bedside reading lights.
- 61. Cedar lined hanging lockers with automatic lighting.
- 62. Make-up table with folding mirror, drawers and chair.
- 63. Quality foam mattress for all berths.
- 64. Upholstered bed head board.
- 65. Storage cabinets.



Propulsion, Electrical & Mechanical System

Propulsion

1. Engines: Twin 1900 HP CATERPILLAR® C-32 ACERT engines with ZF gear box.
2. Engine controls: 2 CATERPILLAR® electronic engine controls.
3. Stainless steel trim tabs.
4. Shaft: AQUAMET® 22 shafts.
5. Thrusters:
 - Bow: SIDEPOWER® thruster with 2 station controls.

Electrical System

6. AC Generators:
 - Main: One ONAN® E-QD 32Kw/ 60Hz generator with sound shield and air/water separation muffler.
 - #2: One ONAN® E-QD 32Kw/ 60Hz generator with sound shield and air/water separation muffler.
7. AC electric system: 110V & 240V system.
8. Air Conditioning: MARINE AIR®, 240 VAC/ 60HZ reverse cycle system. Individually controlled in each zone, including air conditioning to all interior living areas.
9. AC sockets, phone jacks, switches & trim plates by VIMAR®.

10. Batteries:

- 6 heavy-duty marine (12V/200AH) AGM batteries w/box for 24VDC house system.
- 4 heavy-duty marine (12V/200AH) AGM batteries for engine starting (2 per engine).
- 1 heavy-duty marine (12V/200AH) AGM batteries for 12VDC system.
- 1 heavy-duty marine (12V/150AH) AGM batteries for generator starting.
- 1 heavy-duty marine (12V/150AH) AGM battery for 2nd generator starting.

11. Battery chargers:

- 1 MASTERVOLT® 60 amp 12V battery charger for generator batteries.
- 2 MASTERVOLT® 75 amp 24V battery chargers one each for independent engine & service battery banks charging.

12. Battery selection switches with automatic sensors.

13. Ceiling lights: LED fixtures.

14. Color-coded wiring system with marine grade wires.

15. Complete backlit AC/DC distribution panels with magnetic circuit breakers & digital volt & amp meters.



16. Complete electrolysis bonding system.
17. DC electrical system : 12 V & 24V
18. Electric air horn: AFI®.
19. Engines, filters & all metal mechanical parts. are electrically bonded
20. GFI outlets for all wet locations.
21. Navigation lights.
22. Power supply: DOPHIN®, 100amp - 2 units.
23. Searchlights: JABSCO® 255SL.
24. Shore connections for phone and cable TV.
25. Shore power connections: Two 50 amp outlets each with GLENDINNING® Cable Master™ & 100' cable.
26. TV antenna wiring system with 9 outlets.

Mechanical System

27. Bilge pumps with high water level alarm and manual switches:
 - RULE® DC electrical bilge pumps:
6 units, 4 @ 3700gph, and 2 @ 2000gph with automatic float switches.
 - Emergency high output AC bilge pumps: 3 units.
28. Deck wash-down: 3 fresh water outlets.
29. Engine exhaust system: Water-cooled under water exhaust system with by-pass outlets above water at transom. Engine exhaust pipes are wrapped with heat insulation blankets.

30. Engine vibration damping mounts are original equipment supplied by engine manufacturer.
31. Engine raw water intakes system: 2 sea cocks with strainers plumbed to work independently or combined for emergency or cleanout underway.
32. Engine room bulkheads are watertight and insulated with extra foam sound insulation.
33. Engine room removable non-skid floor panels.
34. Engine room ventilation system with in-take and exhaust blowers and fire dampers.
35. Engine room wall are finished with white perforated aluminum panels.
36. Engine room watertight access door.
37. Fresh water pumps : AC (110 VAC): 1 unit.
DC (24 VDC) : 1 unit.
38. Fuel filters: RACOR® 1000FG (dual filters w/ vacuum gauge) for each engine.
39. Fuel filters: RACOR® fuel filters for each generator.
40. Hydraulic power assisted steering system.
41. SEAFIRE® fire extinguishing system.
42. Stainless guard rails in engine rooms.
43. Stainless steel rudders and rudderposts.
44. Shore water inlet
45. Water heater: Two 40-gallon TORRID® water heaters.

Tanks

46. Fuel tank with sight gauge (2000-gallon aluminum tank).
47. Grey water holding tanks : FRP tanks with pump, automatic float switches and overboard drainages..
48. Holding tanks (2 FRP units): one 50 gallon aft for crew's quarter and one 150 gallon forward cabins - both with macerator pumps and Y-valves for on-deck or overboard discharge.
49. Water tank: Total 400-gallon capacity stainless steel tank.

Windlass, Anchor and Chains

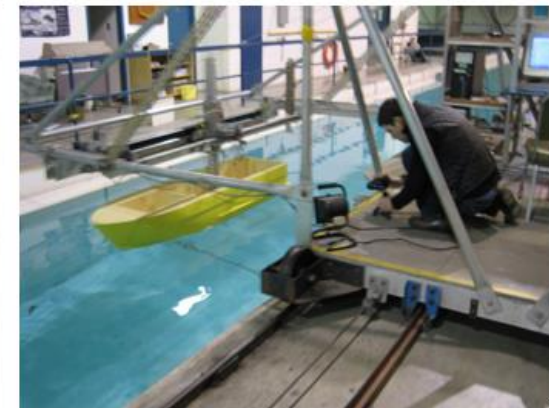
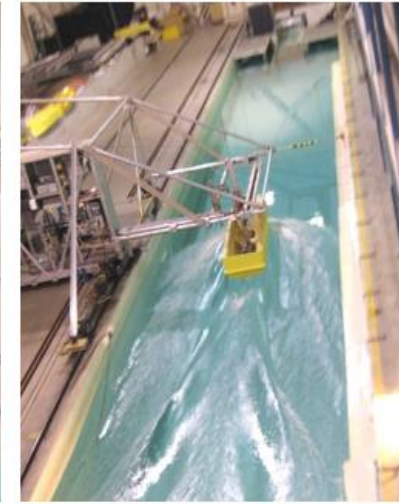
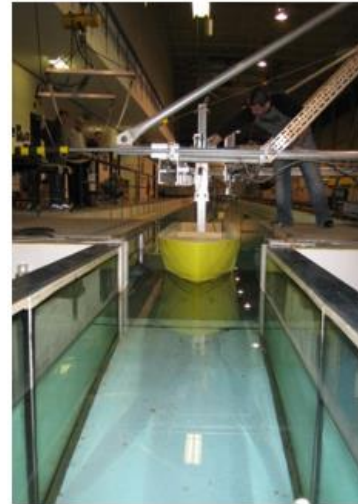
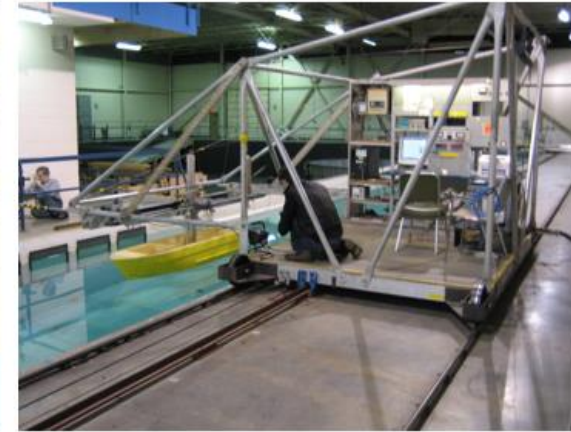
50. Anchors : 60 kg, polished stainless steel anchors (2 units).
51. Anchor chaff guard plates - stainless steel.
52. Chains: (3/8" HT rated, 70m X 2 sets) are placed in the chain lockers ahead of the watertight collision bulkhead. The chains are fixed to the deck beams by means of a quick-release hook, near the hatch openings.
53. Fresh water wash down outlet in the chain locker.
54. Windlass: 2 MAXWELL® reversible anchor windlasses each with 2 station controls.



Design & Development

The Hull is designed by renowned naval Architect – Mr. Gary Grant, who also designed the early Norseman 447 & 535 sailboats. The hull was tank tested for performance under different sea conditions.

Our design team also utilized the latest technologies to calculate performance, and material strength, so Norseman Yachts can produce hulls that are both excellent in safety, strength and performance.





Attention to Every Details

Custom Works & Options



We can customize each SL 950 for client to create fine yachts that are tailor-made to meet his or her exquisite taste and personal requirement. Our design team utilized the latest technologies to generate accurate 3-D models for client's review and approval.

Available Options:

- Hydraulic high-low swim platform
- Navigation System
- Stabilization system
- Stern thruster system & etc.

Please contact your regional Norseman dealer to create your dream yacht!



 **NORSEMAN**