

## Southern Ocean C.W. Paine Yacht Design Custom – NIKITA ex Northern Light

Make:	Southern Ocean	Boat Name:	NIKITA ex
Model:	C.W. Paine Yacht Design Custom		Northern Light
Length:	72 ft	Hull Material:	Aluminum
		Draft:	6 ft 6 in
Year:	2002	Number of Engines:	2
Condition:	Used	Fuel Type:	Diesel
Location:	North Palm Beach, FL, United States		

### The "NIKITA ex Northern Light"

NIKITA ex NORTHERN LIGHT WAS DESIGNED AND BUILT FOR THE COMMODORE OF THE NEW YORK YACHT CLUB WHO WANTED AN EXTREMELY CAPABLE, RELIABLE SAFE YACHT THAT COULD COMFORTABLY ACCOMMODATE HIS FAMILY PLUS GUESTS FOR EXTENDED WORLDWIDE CRUISING. HER CURRENT OWNER HAS ENJOYED CRUISING EXTENSIVELY WHILE MAINTAINING HER AS A PROPER YACHT. NIKITA IS EQUALLY WELL-SUITED AS AN OWNER OPERATED FAMILY BOAT OR CREWED BY TWO PROFESSIONALS.

## Measurements

---

Cruising Speed:	10 kn	Displacement:	138000 lb
Cruising Speed RPM:	1650	Displacement Type:	Half Load
Max Speed:	11 kn	Windlass:	Hydraulic
Max Speed RPM:	2100		Windlass
Range:	2500 nmi	Liferaft Capacity:	8
LOA:	71 ft 7 in	Fuel Tanks Capacity:	2510 gal
Length on Deck:	69 ft	Fuel Tanks Material:	Aluminum
Beam:	19 ft 9 in	Fresh Water Tanks Capacity:	500 gal
Max Bridge Clearance:	35 ft	Fresh Water Tanks Material:	Aluminum
Max Draft:	6 ft 6 in	Holding Tank Capacity:	110 gal
		Holding Tanks Material:	Aluminum
		Number of single berths:	3
		Number of double berths:	3
		Number of Cabins:	4
		Number of Heads:	3

## Propulsion

---

### Engine #1

Engine Make:	Lugger	Engine Year:	2002
Engine Model:	L6140 AL2/HE/Hours:		8933
	BT	Power:	600 hp
Primary Engines:	Inboard	Propeller Type:	5 Blade
Drive Type:	Direct Drive	Rope Cutter:	Yes

### Engine #2

Engine Make:	Lugger	Engine Year:	2002
Primary Engines:	Inboard	Hours:	898
Drive Type:	Direct Drive	Power:	130 hp
		Propeller Type:	3 Blade
		Rope Cutter:	Yes

NIKITA ex-NORTHERN LIGHT was designed and built for the Commodore of the New York Yacht Club, who wanted an extremely capable, reliable, safe yacht that would comfortably accommodate his family plus guests for extended cruising. Arguably one of America's most experienced yachtsman, his extensive yachting background combined with C.W. Paine Yacht Design and her builders in New Zealand have created a very special yacht that has met all of her owner's requirements. Her capabilities have been well proven including Transatlantic passages with stops in Greenland and Iceland and more than 70,000 miles of troublefree cruising. In addition to her interior being air-conditioned and heated, there is plenty of natural ventilation through numerous screened hatches and portholes. One of her many special features is her electrical system which permits the vessel to operate silently overnight even without her exceedingly quiet generator. She has enjoyed meticulous professional maintenance which is reflected in her present condition and she is ready for her next voyage. MARCH 2013 COMPLETE NEW PAINT ANTIFOULING, NEW GENSET, MOST NEW ELECTRONICS, ONE METER CANOE BODY & SWIM PLATFORM EXTENSION, COMPLETE MECHANICAL SERVICE. NIKITA retuned to Europe spring 2013 where she spent three seasons in the Mediterranean and in Northern Europe. She returned to South Florida at the end of November to be totally prepared for sale in turn key condition only because her owner has purchased a larger yacht.

## **Accommodations**

---

Accommodations include four double staterooms designed to provide ample space for owners, guests and crew for extended cruising.

Starting on the aft deck you will find a small L-shaped settee in the starboard aft corner and a large L-shaped settee to port with a varnished teak cocktail dining table. Between these two settees there is a transom gate and stairway to the swim platform. There is also a hidden set of controls and a capstan for docking or stern anchoring. On the forward bulkhead of this area is a beautiful etched glass window. Just below there is a wet bar with icemaker, beverage / wine cooler, and storage. A door to port provides entry to the saloon.

Immediately to port is an oilskin locker which also serves as emergency engine room egress. To port in the saloon there is an L-shaped settee with cocktail table. To starboard a semi C-shaped settee with a custom designed dining table that can be lowered for cocktails. Like every other area of the yacht, there is more than ample storage space. The large windows in the saloon provide excellent visibility while seated. A Sony AM/FM with CD player; Panasonic TV, JVC DVD player and KVH track vision antenna are built into cabinets.

Going below from the saloon down a few steps you will find yourself in a small passageway. To starboard is the 4th stateroom / crews' quarters with fore and aft double berth, a Pullman single, hanging lockers, dresser and miscellaneous lockers. Opposite to port is a head for that stateroom, which includes vanity, sink, shower and storage lockers.

Moving forward from the passageway is the full-width owner's stateroom. It features a queen berth, ample locker/drawer space, a built-in desk and bookcases, ensuite head with stall shower. This stateroom can be accessed from the wheelhouse along with the other staterooms, or separately from the saloon.

Forward of the owner's stateroom there is a guest upper and lower stateroom with hanging lockers and this cabin is serviced by a head and stall shower to starboard.

All the way forward is the VIP stateroom with queen berth, hanging locker, dresser and miscellaneous lockers, and has direct access to the head with stall shower.

All staterooms have ample cedar lined hanging lockers, drawers and miscellaneous lockers. The entire interior is cherry paneled and trimmed. The interior is air-conditioned and heated with Cruiseair chilled water reverse cycle system and auxilliary heating of the system is also available through a diesel fueled Hurricane heater.

Moving up to the wheelhouse, which is protected by the Portuguese Bridge, you will find a centerline control station with Stidd helm chair.

To port there is a C-shaped dinette which can be used for cocktails and informal dining, or just lounging. This is an ideal vantage point to see the world around with excellent visibility when seated.

Aft of the dinette is the efficient galley complete with:

4-Burner Miele propane stove with exhaust above, gas sniffer and alarm

Bosch HR7778 Electric oven

Kitchenaid, 3-door, stainless steel fridge / freezer

Avanti microwave

Broan Compactor

Corian counters with 2 sinks and extensive storage space, custom fitted crockery, glassware, and cookware storage and in-sink disposal

There is direct access to the wide side walk from both sides of the wheelhouse through Freeman water tight doors. From the starboard forward side of the wheelhouse a stairway leads down to the staterooms. Aft there is a stairway leading below from the saloon.

A stairway leads from the wheelhouse up to the boat deck and flybridge. The centerline helm on the bridge duplicates all the important instrumentation, as well as electronics that are in the wheelhouse. There are Stidd helmsman and companion seats new in 2009 as well as an L-shaped settee with varnished teak table.

The interior bulkhead doors and trim are finished in rubbed effect varnished cherry with beautiful joinerwork. Heads are finished with Corian counters and Awlgrip paint and have exhaust fans. The entire interior is heated and air-conditioned, as well as having plenty of natural air through screened hatches, ports and Dorade vents. Throughout the interior and exterior every effort was made to create as much storage space as possible. All staterooms have telephone and computer hook-ups.

## Wheelhouse

---

- 2013 GARMIN GPS Map 7215 15" Plotter
- FURUNO Navnet Radar / Plotters
- FURUNO AIS FA-150
- INTERPHASE Color Forward Looking Sonar
- ROBERTSON AP 20 autopilot with new second hydraulic steering ram and dedicated backup pump
- New FURUNO FI-50 wind velocity / direction
- (2) new FURUNO FI-50 Multi displays  
ACR RCL 100 searchlight controls
- KAHLENBERG M-511C Automated Control of Navigational Whistles
- Bow and stern thruster controls - bow 38 hp; stern 25 hp
- ICOM IC 5M04 VHF; ICOM Full Function remote mic for Flybridge VHF
- New ICOM IC-M802 SSB
- FURUNO DSC / Watch receiver model DSC motion detector and security system
- Satellite telephone and cell phone for USA, European and New Zealand
- Monitoring for engine room and aft deck
- (4) Exalto windshield wiper / washer controls
- NAIAD MultiSea II roll stabilizer controls
- New STIDD helm chair
- VETUS Meteo liner digital recording barometer
- CHELSEA ship's clock & barometer
- Bilge Pump control & high water alarm panel
- (2) overhead hatches with screens

- Stereo speakers

## **Flybridge and Boat Deck**

---

- 2013 GPSmap 6208 plotter
- New FURUNO Navnet 3D 12" plotter
- High level bilge alarms
- FURUNO open array 36 mile radar
- New GARMIN HD 24" raydome
- ROBERTSON AP 22 autopilot
- Duplicate FURUNO FI-50 wind & multi displays
- Bow and stern thruster controls
- RITCHIE 6" compass in binnacle
- ICOM IC 402 VHF
- Stereo speakers
- LUGGER main and secondary engine controls
- INTERPHASE twin scope sonar
- Alarm system
- ACR point pad searchlight controls
- FORCE 10 stainless steel built-in propane grill  
(2) STIDD chairs with covers new 2009
- Permanent Bimini top on stainless steel frame
- C-shaped seating with hinged table
- 2009 ZODIAC Yacht Line 13' hard bottom inflatable with 2009 40hp YAMAHA 4-stroke outboard with GARMIN GPS and depth finder and speedometer, ICOM VHF
- MARQUIPT 1000 LB hydraulic davit w/ extension
- COALA MARINE Passerelle
- HOBIE sailing catamaran
- CAL-JUNE life ring and ACR light
- McMURDO 406 GPS EPIRB w/July 2017 battery replacement date
- VIKING SOLAS 8-man life raft with hydrostatic release certified to May 2016
- Emergency ditch bag

- Life preservers

## Deck Gear

---

- MUIR hydraulic anchor windlass
- 180 lb Bruce with chain new 2013 400' of 1/2" chain
- 180 lb Plow with 1/2" chain and rode
- Fortress anchor in storage
- 40 lb anchor buddy
- Chainstoppers and devil's claws
- Mooring bridle
- Dual chain high pressure washdown
- Mud dam with drainage
- Fire station

## Engine and Mechanical

---

- (1) LUGGER 6-cylinder 600hp diesel on centerline driving a fixed 4-bladed prop through ZF BW 155A gear with 2.96:1 reduction & CENTA flexible coupling
- (1) LUGGER 4-cylinder 130hp diesel offset driving a feathering MAX PROP through a ZF gear with 2.90:1 reduction  
This wing engine is completely self-sufficient with its own fuel supply, water supply and electrical supply, and PTO which can support all hydraulics  
Controls are HYNAUTIC / TWIN DISC
- Oversized NAIAD roll dampening stabilizer, which would normally be found on a 80' to 90' yacht
- Exhaust is wet through a FRP muffler with water separator
- Steering is dual station hydraulic with redundant steering rams
- Propeller: 5-blade bronze 44" x 30" on the main engine / Shaft is a 2007 3" Aquamet 22 HS w/ SPURS Cutter
- Propeller: 3-blade bronze MAX PROP on the auxiliary engine / Shaft is 2" Aquamet 22 HS w/ SPURS Cutter
- Struts are Aluminum
- New cutlass bearings 2016.
- TIDES SureSeal dripless seals

- Rudder is aluminum and very large with redundant steering systems
- Bilge Pumps: 24 Volt DC RULE 3000a with float switches and manual overrides and high water alarms; plus an emergency engine driven bilge pump off the main engine, which also acts as a fire pump. In addition, a valve on the engine intake permits using main engine water intake for pumping bilge. at 82 GPM
- The engine room and anchor wash is equipped with SEAWORTH air intake systems
- Blowers are 24 Volt DC
- HVAC: (3) 36,000 BTU Cruiseair reverse cycle units, which can also be used in conjunction with a Hurricane diesel fired cabin heater
- Below water through hull fittings: A central sea chest with stainless steel ball valves
- Thrusters: Hydraulic bow and stern thrusters
- BAUER dive compressor with 4 aluminum tanks, dry suit and Hooka system
- SEA-FIRE FM-200 120 LB fire extinguisher systems plus Haletron extinguishers located in the engine compartment
- Fire dampener systems for engine room
- ALGAE-X fuel scrubber & management system model GMARTFPSMX F w/Smart Filtration Controller SFC-50
- FILTRATION CONCEPTS Inc 1200 gpd water maker which can be operated either from the generator or hydraulically while underway
- ARID BILGE multi-zone dry bilge system

## Electrical

---

- 12 VDC and 24 VDC and 110 / 220 VAC
- Spring 2013 Northern Lights 20 KVA generator with Gensep water separator and sound box w/ 3019 hrs 12/2/15.
- (2) MASTERVOLT 3000 inverters supply ample 110 and 240 Volt AC power to operate and vessel's basic needs overnight without a generator  
When the main engine is running, the system charges house batteries, which eliminates the need for the generator
- Wiring: Tinned copper stranded, well secured
- Over current protection / panel: circuit breakers / at the lower helm
- Batteries: (12) SONNENSCHN 2 VDC batteries for house supply supplying 1500 amp hours new July 2015; (4) 8D batteries wired in series for engine and generator starts; 8D batteries are set in trays and have protective covers placed over them  
The 2 Volt DC batteries are contained in aluminum racks and positively held in place



- Battery charger: (3) MASTERVOLT 24 VDC / 100 Amp chargers; (2) 24 VDC 175 Amp LEECE-NEVILLE engine alternators
- Shore System Voltage: 120 VAC, 240 VAC & 400 VAC  
110-230-400 VAC 50/50 Hz ELECTRONIC & TRANSFORMER ENGINEERING ( New Zealand) 12 kVA Isolation transformer; Ground Fault Detector.

## Construction

---

- Aluminum hull and superstructure with teak aft and bridge decks and exterior trim  
Extensive foam insulation and sound insulation all over the interior skin, overheads, and bulkheads to make the yacht comfortable and quiet in a wide variety of conditions
- Full keel protects main propeller
- Hull / keel design is full displacement with skeg
- Hull material is welded aluminum
- Stringers / Bulkheads: longitudinal aluminum angle irons with transverse aluminum webs and bulkheads all welded
- (4) Watertight bulkheads and watertight collision tank
- Decks are painted non-skid IMRON over aluminum
- Deck fittings are teak caprail, stainless steel stanchions and handrails
- Superstructure is welded aluminum painted with Dupont IMRON MS600
- Aft deck and flybridge deck are laid teak over aluminum

## Tanks

---

- Fuel: 2510
- Fresh Water: 500
- Holding: 200 Black / 200 Gray

## Miscellaneous

---

- Miele commercial washer and dryer
- Gale Rider Parateck sea anchor 600' rode
- Large spare parts inventory

- Extensive fishing gear including 6 poles (deep sea to fly fishing)
- Fitted linens
- Dishware
- Silverware
- Glassware

## Recent Work Highlights

- 12/21/15: Haulout , anti-fouling, zincs, Prop Speed both props. All paint polished and protected with Awlcare. All machinery & systems serviced.
- July 2015 SONNENSCHIN 24 VDC 1500 A house battery bank new July 2015. (12) AG2/1510 and new custom battery box.
- Spring 2015 New Bimini
- March 2013: Canoe body & swim platform extended one meter per Mark Fitzgerald design ex-C.W. Paine. Topsides, decks, & entire superstructure painted w/ IMRON, new antifouling, zincs, stabilizer seals and prop speed both props. New NORTHERN LIGHTS 20 kW genset, new main engine gearbox, new softgoods throughout, ARID BILGE system, . new galley refrigerator & BOSCH oven. New 400' anchor chain & wildcat. Complete mechanical service.
- 2011 new prop, (2) new MASTERVOLT Inverters & (2) new chargers, SEA-FIRE Fire Suppression system.
- 2007 Bottom glass bead blasted to bare metal, 4 coats Interprotect 3000 epoxy barrier coat, 2 coats Interprotect 2000 epoxy barrier coat, 3 coats antifouling. New main shaft, props reconditioned, new Spurs both shafts, Naiad fins pulled, serviced with all new seals, all tanks cleaned, rebuilt propane system with new aluminum tanks, wiring, plumbing and controls / alarm. Second steering ram added.