

SANDERLING

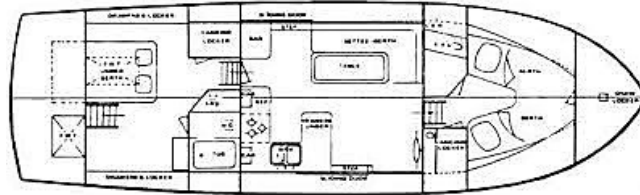
DeFever 41 For Sale

Trawler designed by Arthur DeFever

Well maintained with many upgrades

After 23 years and over 45,000 miles of cruising in trawlers (13 years in our DeFever 41), we are reluctantly withdrawing from trawling. Our "home on the water," Sanderling, is for sale. A DeFever 41, such as Sanderling, is the perfect boat for economical coastal, intra-coastal, and inland river cruising, and makes a great live-aboard for two people. Sanderling has cruised the east coast of the United States multiple times, the Bay of Fundy, multiple cruises in the Erie Canal, several trips into the Canadian canals, and through the Great Loop. She has served us well in winds approaching hurricane force while anchored in Lake Champlain, and six to eight foot standing waves exiting the Cape Cod Canal into Buzzards Bay.

Her spacious layout (DeFever 41 plan B) provides ample space for relaxing, cooking, sleeping, navigating and generally enjoying life in the slow lane. She is extremely well-founded, designed by a premier naval architects (Arthur DeFever), and will stand up to any cruising condition you are likely to encounter in coast-wise cruising.



Sanderling is a DeFever 41 trawler, built in 1987 in Taiwan by BLUEWATER YACHT BUILDERS LTD, and formerly named China Pearl and Walkabout, and documented with the US Coast Guard. Sanderling measures 40.6 feet in overall length (34.6 feet waterline), with a beam of 14.5 feet, a draft of 4.1 feet, and displaces about 19 tons when fully loaded. Approximate air-draft measurements are as follows: 22'3" to the top of the radar mast and anchor light; 15'3" with the radar mast laid down; 12.0 feet with the bimini and frame totally down (radar mast also laid down).

Sanderling is powered by a Ford-Lehman 135 horse power, naturally aspirated diesel engine, connected to a Borg-Warner Velvet Drive transmission with a 2.47:1 ratio. Her two fuel tanks hold slightly more than 500 gallons. Burning 1.8 gallons of diesel fuel per hour (4 miles per gallon) at 1600 RPM (6.5 knots or 7.4 MPH) she has a safe cruising range, before refueling, of over 1500 nautical miles.

Sanderling has three main compartments inside: the main saloon, a forward V-berth with separate head (for guests) and hanging locker, and an aft cabin with separate head/shower/tub and walk-in cedar hanging locker. Outside she has walk-around decks, a boat deck above the aft cabin, and an enclosed upper deck and topside steering station above the saloon. The engine room is located below the saloon and is accessed through three large deck plates.

Sanderling is equipped with Furuno radar, two Garmin GPS/chartplotter units, a depth sounder and fish finder for navigation; two heat pumps for heat and air conditioning for climate control; a 5 gallon water heater which operates on 120 volts and is also heated by the engine cooling system when underway; an Onan 8KW diesel generator for 120 volt electricity; a 120 volt refrigerator with separate freezer; and a Force 10 three-burner propane stove with oven and broiler. She's also equipped with two VHF radios, plus a hand held VHF radio, a five person Achilles dinghy (with oars and a Tahatsu 6 HP 4-stroke outboard), a Magnum 2812 combination 125 amp 3-stage charger/2800 watt inverter controlled by a ME-ARC50 remote, a Heart/Xantrex combination 100 amp 3-stage charger/2000 watt inverter (inverter disabled), AM/FM/CD stereo and CD changer, 12 volt lighting, pressurized water, a combination washer/dryer, and a West Marine party sized propane grill.

Sanderling has two separate battery banks: 10 Interstate 6 volt (golf cart) batteries are combined into a house-bank for 12 volt needs producing 550 usable amps (1100 amps total); and one group 24 battery for starting the generator in an emergency. While underway, the main battery bank is charged by a Balmar 110 amp alternator with smart regulator. Battery status is monitored by the ME-ARC50 as well as a Link 1000 monitor. Fresh water capacity is 160 gallons; fuel capacity is slightly more than 500 gallons divided between two heavy gauge aluminum tanks (new in 2015).

Fuel is filtered through one 30 micron Racor 500 filter, one 2 micron Racor 500 filter (set in a lever selected two-filter manifold), and two on-engine 10 micron filters. Primary ground tackle consists of 260 feet of 5/16 inch HT chain attached to a 55 pound SuperMax adjustable anchor, and 300 feet of 5/8 inch three strand nylon line with 10 feet of chain attached to a

CQR anchor as secondary/lunch hook ground tackle. The anchor windlass is a Lofrans Tigress 12 volt model, which can raise as well as lower the anchor and chain from controls at both the topside steering station and a tethered remote at the windlass itself.

Each head is equipped with a separate 22 gallon holding tank with electronic level monitor and a separate electrically operated Lectra/san unit for processing waste.

Dimensions:

- ➔ Beam: 14 ft 6 in
- ➔ LWL: 36 ft
- ➔ LOA: 41 (not counting dinghy on davit or bowsprit)
- ➔ Maximum Draft: 4 ft 2 in
- ➔ Displacement: 19 tons fully loaded

Engine single:

- ◆ Engine Brand: Ford-Lehman
- ◆ Year Engine Built: 1986
- ◆ Total Power: 135 HP
- ◆ Engine Type: Inboard
- ◆ Engine/Fuel Type: Diesel
- ◆ Engine Hours: 6860 (December 2019)
- ◆ Cruising Speed: 6.5 knots (1600 rpm) burning 1.8 gallons per hour (4 MPG)
- ◆ Maximum Speed: 9.2 knots (2400 rpm)

Tankage:

- Fresh water tanks: 2 Stainless steel (160 Gallons total)
- Fuel tanks: 2 heavy gauge aluminum (500+ Gallons) with fuel level sensors
- Holding tanks for black water: 2 Duraweld plastic (40+ gallons total) with level sensors

Sanderling's engine room (below saloon):

- Ford-Lehman 135 HP naturally aspirated diesel engine
- Borg-Warner transmission
- Onan 8.0 KW generator (MDKD) with 3955 hours (fewer than 400 by current owners)
- Magnum MS2812 pure sine wave inverter/charger
- Dual Racor 500 filters to engine on manifold with selector valve and vacuum gauge, single Racor filters prior to dual Racor manifold, single
- Racor before generator
- Engine raw water failure alarm (exhaust high temp) with dual alarms (both lower and topside steering stations)
- Two Raritan Lectra/san waste treatment devices (one for each head/toilet)
- Salt water feed tanks for Lectra/san units (only needed when in fresh water)
- Auxiliary Walbro fuel pump plumbed into engine fuel line
- 5 gallon hot water tank heated by 110 volt circuit and engine hot water system
- Two bilge pumps with event counter for each
- Heart/Xantrex combination 100 amp 3-stage charger/2000 watt inverter (used for extra charging capacity when needed; inverter disabled, but available as auxiliary)

Sanderling's galley:

- Force 10 propane stove with three burners, oven, and broiler
- Trident gas control panel connected to 20 pound aluminum propane tank in vented locker
- Haier 9.8 cubic foot 110 volt household refrigerator/freezer (new February 2020)
- Stainless steel double sink
- Galley pots/pans and plates, silverware, glasses
- Whale galley hand pump

Topside steering station (above saloon):

- Vesper Marine XB-8000 AIS (transponder) with NMEA 2000, NMEA 0183, WiFi, and USB connections
- Simrad NAC-3 autopilot with AP48 control head and Precision-9 compass
- NMEA 2000 network connects AIS, NAC-3, AP48, topside VHF, topside chartplotter, Precision-9 compass

- Furuno 1715 radar and display at topside steering station
- Lowrance Link-8 VHF radio at topside steering station
- Ritchie magnetic compasses topside and inside steering stations
- Garmin 546S chart plotter at topside steering station (with depth sounder)
- Fully enclosed bimini
- Garmin 501 fish finder/sounder at topside steering station
- Wood folding table and two chairs topside
- Norse engine/throttle controls
- Engine instruments at topside steering station
- Handheld 12-volt spotlight
- Two bench seats with storage

Saloon (in addition to the galley):

- West Marine 585 VHF radio at lower steering station
- Standard Horizon handheld VHF radio
- Ritchie magnetic compasses at both topside and lower steering stations
- Garmin 545 chart plotter at lower steering station (no depth sounder)
- Dell Latitude laptop navigation computer running Windows 10
- JVC AM/FM/CD stereo radio
- Acurite weather station
- Norse engine/throttle controls
- Engine instruments at lower steering station
- Teak dining table with fold-down ends; bolted to deck; easily removable for engine room access

V-berth:

Raritan PHII manually operated marine head/toilet connected to 20 gallon Duraweld plastic holding tank with electronic tank level monitor and Lectra/san waste treatment processor
 Built-in hanging locker, drawers and cabinets
 Mermaid 16,500 BTU AC/heat for v-berth and main saloon
 Shower has been disconnected but plumbing is still there (guests use aft cabin shower when desired)

Aft stateroom:

- Raritan PHII manually operated marine head/toilet connected to 20 gallon
- Duraweld plastic holding tank with electronic tank level monitor and
- Lectra/san waste treatment processor
- Combination washer/dryer in aft cabin
- CruiseAir 9,000 BTU AC/heat in aft cabin (120 volt)
- Walk-in cedar lined hanging locker with built-in drawers and shelves
- Shower/bathtub in aft cabin (forward cabin shower has been disconnected - guests use aft shower when needed)
- Desk with drawers
- Full-length mirror

Anchoring gear:

- Lofrans Tigress 12 volt windlass with tethered remote control at bow and fixed control at topside steering station
- Supermax 55# anchor with 260 feet of HT 5/16" chain (on bow)
- Seawater washdown for anchor
- CQR anchor with 300 feet of 5/8" three strand nylon rode and 10 feet of HT 5/16" chain (on bow)
- Fortress anchor (on aft deck)
- Extra 5/8" anchor rode stored in lazarette

Safety equipment:

- Vetus 95 bow thruster (12 volt) with controls at both helm stations
- LOUD electric dual horn
- Life jackets
- Life Ring

- Marincos SPL spotlight forward of upper helm station with remote
- Handheld search light 12 volt
- Carbon monoxide and smoke detector
- Flares, Weems & Plath SOS electronic flare distress light and flag
- Four fire extinguishers (one in V-berth, two in saloon, one in aft cabin)
- Forward deck light and two spreader lights

Dinghy:

- Achilles SPD-310 dinghy with wood floor, dinghy cover and two oars
- 6 HP Tahatsu 4-stroke outboard motor (less than 50 hours)
- St. Croix removable davits
- Under-seat storage bag for dinghy with water pump
- LED navigation lights for running at night

Other miscellaneous gear:

- Vetus 95 bow thruster (12 volt) with controls at each helm station
- Spurs on shaft
- Gin-pole, stays, and 4-part block and tackle for lowering mast with minimum effort
- Line locker for storing dock lines with many lines
- West Marine party size propane grill with 11 pound aluminum propane tank
- Seawatch TV/FM omni directional powered TV/FM receiver (small dome)
- Onboard WiFi router
- Groove 52 WiFi antenna from Island Times
- Two collapsible boat hooks
- Robship Hook & Moor mooring line threader
- Dynex television with built-in DVD player and HDMI port
- Charts for entire east coast of U.S.
- Four large 10"X26" fenders with lines
- Two round 18" fender balls (deflated in lazarette)
- Two 50 foot 30-amp shore power cords, one 35-foot 30-amp cord, 2 cord covers
- Night watchman (turns anchor light on/off at dusk/dawn)
- Folding aluminum boarding ladder stored in lazarette
- Exterior window covers and interior curtains matching cushions
- Awnings for side doors and windows
- Complete log of all repairs and maintenance since 2007 when purchased
- Spare parts include: extra heat exchanger, oil cooler, and transmission cooler
- Many tools for boat maintenance and repair when cruising
- Storage everywhere

For more photos and information about major upgrades, visit Sanderling's blog at: [The adventures of Bob and Judy on Sanderling \(a DeFever 41\) with their two cats](#)

See the pdf file for photos accompanying this information sheet.

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