14m Steel Centerboard Expedition Sailboat
Arctic Tern I - Price Reduced!!
Listing ID: 661881

**DESCRIPTION:**
14m Polar Expedition Sailboat

**DATE LAUNCHED:**
1993 / Refit 2010

**LENGTH:**
14.32m (46ft 11in)

**BEAM:**
4.7m (15ft 5in)

**DRAFT:**
1.2m (keel up), 3.4m (keel down)

**LOCATION:**
Newfoundland, Canada

**BROKER:**
Clive Bennett

**PRICE:**
US$ 200,000

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**General Description**

Fully found, ready to work in year round conditions, any ocean. Arctic Tern I is a polar expedition sailboat – strong offshore and coastal vessel capable for demanding maritime use. Retractable and shoal draft keel she is versatile, able to access more coastal zones.

Designed and built specifically for polar work, she has safely voyaged in high latitudes, both in the Arctic and the Antarctic. Her steel hull and full complement of modern navigation and telecommunications make her a tough, reliable platform for just about anything.

2010: Extensive refit, surveyed, insured and compliant with Canadian regulations

Architect: Caroff Duflos
Model: Super Disko 47
Shipyard: Chantier Brument, Boissy L'Aillerie, France
Year of construction: 1993.

**LOA:** 14.32m
**Beam:** 4.7m
**Draft:** 1.2m (keel up), 3.4m (keel down)
**Gross tonnage:** 18.31
**Material:** Steel
**Rig:** Cutter

Current port of registry: Iqaluit, Canada
Current registration: 833657
MMSI: 316015134
Call sign: CFN 6108

**ENGINE, new in 2013**
Make: Yanmar
Model: 4JH4-HTE
Brake power: 65 kW

**BOW THRUSTER, new in 2010**
Make: Vetus
Model: 75 kgf
Grill on both sides to prevent ice from entering tube
Installed new control panel at helm, 2014

**ELECTRICS**
AC Power: 110V & 220V
DC Power: 12V
Battery monitor: Blue Sea Systems voltmeter
Solar panels: 1m²

**Alternators:**
1 x Hitachi 12V, 65amp (charges start battery)
1 x Mastervolt 12V/130amp (charges house batteries)

**Charger:**
Mastervolt, Model: 12/80-2, Input: 230 or 120V, Output: 12V, 80amp

**Inverters:**
1 x Mastervolt, Model: 12/1200, 1200 watt, Input: 12V, Output: 230V
2 x Eliminator, 400 watt, Input 12V, Output 120V
2 x 110V power extension cables
Shore power plug, North American, 30A 125V

**FUEL**
Diesel: 2 tanks (approx 200L ea.) plus 8 x 20L plastic gerry containers (160L). Total capacity approximately 560L. (approx. motoring range: 186 hours, or 900 odd miles at 5kts).
Twin RACOR 900FH series filters from diesel tanks.

Petrol: 1 x outboard fuel can, 2 x 20L plastic gerry containers (total capacity 60L).
Propane: 5 x 9kg steel cylinders.

**INSTRUMENTS**
C-Map charts: Great Lakes incl. Canadian northeast coast and approaches, Canadian Arctic north and east, Greenland & Iceland.
Radar: Raytheon Pathfinder SL70.
GPS: Furuno GPS Navigator.
Handheld GPS: 1 x Garmin GPS Map 62, 1 x Garmin Oregon 2000.
AIS: em-trak B100, class B transmitter and receiver with antenna splitter.
Autopilots:
Raymarine SmartPilot ST6002.
Windpilot, Pacific servopendulum.
Wind, depth, temp, log instruments: Autohelm Tridata ST50 (note: wind and depth not operating).
Lowrance Elite 4 back-up depth sounder.
HawkEye H22PX handheld depth sounder.

**COMMUNICATION**
Satellite: Iridium OpenPort (*new in 2012); Handheld Iridium model 9555.
Fixed vhf: Standard Horizon CPV550 (as above).
Handheld vhf: 4 x ICOM IC-M24 waterproof.
SPOT Satellite GPS messenger.

**HEATING**
Dickinson Lofoten diesel heater & stove top. 60L fuel tank. Spare chimney top and extensions. Works in 50 knots of wind. Quickly heats main cabin to a comfortable 20°C even when temperature is near freezing outside. Also great for cooking.
Dickinson Radex 2, fan heater for forward cabin (2 fans with independent switches for low and high settings), connected to engine cooling circuit. Works extremely well.
*both new in 2012.

**REFRIGERATION**
Mobicool, 12V portable cooler, 24 litres.

**ACCOMMODATION**
Forward: 4 single bunk (with lee cloths)
Mid-ships: 1 single bunk (with lee cloth)
Aft: 1 double cabin.
Also possible to sleep one person in lounge.
Mattresses on all bunks, pillows, pillow cases, sheets, blankets.

**GALLEY**
Fully equipped and functional.
2 sinks and draining counter top.
Pull-up counter extension to extend working space.
Cooker: 2 burner gimbaled propane stove with oven. Works very well.
Utensils: Full assortment of pots, pans, plates, bowls, mugs, glasses, cutlery for 10 people. Ready to go!
**HEAD**
Large space, fully renovated in 2010: New sump pump, toilet, sink, tap, storage.
Toilet: Jabsco manual toilet.
Tap: Freshwater supply (separate 90L tank)
Shower: Cold freshwater supply. Floor drain and functional sump pump.

**DECK**
Winches: 2 x Anderson ST66 (Genoa sheets), 1 x Anderson ST40 (furling line), 2 x Anderson ST46, with Spinlock XTS jammers (main sheet, keel, traveller, storm jib), 2 x Anderson ST46 mast winches (halyards), 1 x Anderson ST40 mast winch (reefing line).
5 x winch handles (3 floating).
Selection of pulleys (mainly Harken), shackles and general deck hardware.
Hatches: Goiot.

**GROUND TACKLE**
Main – 1 x 33kg Rocna anchor with 123m of 3/8 Grade 43 high test chain. Never dragged... not once!
Spare – 1 x 20 kg CQR anchor with 110m of 3/8 BBB chain. Also works very well.
Spare – 1 x Danforth anchor
Windlass: Lofrans 12V. Model: Tigres.

**MOORING & LINES**
Full assortment of mooring lines, fenders, spare rope and lines.
Shore lines: 3 x 100m, 30mm three strand polypropylene line. Very good condition.

**SAILS**
All in very good condition.
Main (3 slab reefs). Battens.
Genoa (furling).
Staysail (hank on).
Storm jib (hank on).
Spinnaker.

**WATER & WASTEWATER**
Freshwater: 3 tanks (180L+160L+90L) plus 5 x 20L plastic gerry containers. Total capacity: 530L
Jabsco water pumps supply galley and head.
Seawater: Foot-pump to galley.
Blackwater: 160L holding tank with Jabsco self priming macerator pump, deck pump out and direct overboard discharge options.
Greywater: Rule, rule-a-matic plus shower sump.
Level detectors: Xintex LLM-2 (two tank level detector). To be installed.

**SURVIVAL & SAFETY**
Liferaft: 1 x Transocean, Class 2, 8 person. Inspection due 2015.
2 x life rings.
1 x throw line.
2 x MOB buoys.
3 x deck knives.
EPIRB’s: 2 x ACR 406 MHz, Model RLB-38.
Immersion suits: 7 x Mustang Ice Commander, IC9001. *new in 2009.
Foul weather clothing: 7 x high visibility foul weather jackets.
Fire extinguishers: 7 x ABC multipurpose dry powder fire extinguishers.
Flares: Orion Ultimate kit (expires 2013-14), plus large selection of 'expired' flares.
Comprehensive first aid kit plus smaller shore kit.
Propane detector / valve: Xintex S-1A.
Combination smoke & carbon monoxide detector.
Bilge pumps: 2 x electric 12V rule pumps, 1 x manual diaphragm pump.
Emergency tiller.

**TENDER**
Make: Zodiac, 3.1m.
Outboard: Yamaha F15AMH, 15hp, 4 stroke, short shaft. Works very well.
Grapnel anchor.
4 x oars.
2 x foot pumps.
Manual bilge pump.
Shore survival kit (including tent, sleeping bags, first aid, flares).
Spares: propeller, fuel line, filters, spark plugs, repair kit.

**SPARE PARTS**
* Very well equipped with spare parts, tools, etc.
Seawater circulation pump.
Raw water pump.
Hitachi alternator, 12V/65amp.
Mastervolt alternator, 12V/130amp.
Eliminator 200W inverter, input 12V, output 120V.
Selection of engine disposables, including filters, belts, thermostats, impellers.
Whale foot pump (galley seawater supply).
Jabsco 12V water pump.
Rule bilge pump.
Spare set of steering cables.

**MISCELLANEOUS**
Portable generator: Yamaha EF1000iS, petrol powered.
BBQ: Stainless steel, propane one burner.
Propane camping stove, one burner.
Climbing harness.
Selection of fishing gear.
4 x large tarpaulins.
Rope and rung style swim ladder.
Steel dive bottle.
2 x freshwater hoses.
Canvas bimini over half of cockpit.
Canvas boat cover with aluminium frame.
2 x Binoculars.
1 x Night-Vision binoculars.
Navigation ‘tools’: dividers, Breton plotter etc.
Charts: various (St-Lawrence River, Greenland, Eastern Canadian Arctic, Labrador)
Library: various (St-Lawrence River, Greenland, Eastern Canadian Arctic, Labrador)
1 x portable Jabsco vane pump suitable for fuel transfer.
Comprehensive selection of power tools & manual tools.
Good supply of general maintenance and repair material.

**IMPORTANT:** The Company offers the details of this vessel in good faith but cannot guarantee or warrant the accuracy of this information nor warrant the condition of the vessel. A buyer should instruct their agents, or their surveyors, to investigate such details as the buyer desires validated. This vessel is offered subject to prior sale, price change, or withdrawal without notice.

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