

TEAPITI OF CHRISKA — DISCOVERY



Builder: DISCOVERY

Year Built: 2002

Model: Cruising Sailboat

Price: PRICE ON APPLICATION

Location: Montenegro

LOA: 54' 9" (16.69m)

Beam: 14' 8" (4.47m)

Min Draft: 7' 3" (2.21m)

Cruise Speed: 7 Kts. (8 MPH)

Max Speed: 9 Kts. (10 MPH)

Our experienced yacht broker, Andrey Shestakov, will help you choose and buy a yacht that best suits your needs **TeApiti OF CHRISKA — DISCOVERY** from our catalogue. Presently, at Shestakov Yacht Sales Inc., we have a wide variety of yachts available on our sale's list. We also work in close contact with all the big yacht manufacturers from all over the world.

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SPECIFICATIONS

Overview

Totally sorted Discovery 55 with a Hall Spars carbon spar and in-boom furling and a massive specification for blue water. Many of the updates are new and she is ready for all 7 seas.

Basic Information

Category: Cruising Sailboat

Sub Category: Center Cockpit

Model Year: 2002

Year Built: 2002

Country: Montenegro

Dimensions

LOA: 54' 9" (16.69m)

LWL: 44' 9" (13.64m)

Beam: 14' 8" (4.47m)

Min Draft: 7' 3" (2.21m)

Speed, Capacities and Weight

Cruise Speed: 7 Kts. (8 MPH)

Cruise Speed RPM: 1800 Kts.

Max Speed: 9 Kts. (10 MPH)

Max Speed RPM: 2400 Kts.

Displacement: 61729.43336 Pounds

Water Capacity: 224.5462442 Gallons

Fuel Capacity: 285.30581616 Gallons

Accommodations

Total Cabins: 3

Total Berths: 6

Total Heads: 2

Hull and Deck Information

Hull Material: GRP

Deck Material: Teak

Hull Finish: Plastic

Hull Designer: Ron Holland

Interior Designer: Ken Freivokh

Engine Information

Engines: 1

Manufacturer: Yanmar

Model: 4LHA-HTE

Engine Type: Inboard

Fuel Type: Diesel

DETAILED INFORMATION

Broker's Comments

TeApiti is a great example of her class. She had many custom features incorporated into her build particularly in terms of some lovely joinery details. This owner has sailed her extensively but has also refitted her extensively. Much of this work was done at Berthon to ensure total reliability, comfort and ease of sailing for 2 people. Her in-boom furling systems works perfectly and she continues to give excellent service.

An evergreen blue water yacht, she will be sold in ready to sail condition.

Construction

RCD Status: The yacht conforms to the essential safety requirements of Directive 94/25EC (Recreational Craft Directive) and is categorized A – “Ocean” and was constructed in a Lloyds approved laminating facility.

Hull Construction:

- Female molded vinyl ester resin, vacuum bagged around balsa core.
- Double isophthalic gel coat finish.
- Kevlar reinforced below the waterline and full length stringers.
- Teak and stainless steel external trim - teak capping rail.
- Two water tight bulkheads forward.

Deck Construction:

- Balsa-cored GRP with moulded bulwark, bolted and glassed deck/hull joint.
- Overlaid with teak.
- The keel ballast weight is 9,500kg giving a high ballast ratio of 42.5% with half tanks.

Keel & Rudder:

- Lead cast keel with 3% antimony hardening, through bolted to the hull stub with cast – in stainless steel bolts.
- The rudder is semi-balanced on a massively reinforced half skeg.
- The rudder shaft sits in two bearings.
- The lower one, outside the hull, ordinary braze bearing with two half-shell parts and the upper one a JP3 bearing with flange and needles, aluminium counter plate, flanged composite housing and half rudder tube + ring + seal. Installed in October 2009.
- Rudder Hydraulic: Two Hydraulic linear drive VHM50, RV3, 24 Volts, (Lecomble & Schmitt) together with Tecnautic Autopilot installed in June 2006 and November 2007.

Machinery

Engine & Gearboxes:

- 1 x Yanmar 4LHA-HTE, 140hp (103kW) 4-cylinder turbo charged diesel engine.
- Water cooled with water separator.
- 2.1:1 Hurth reduction gearbox, additional Separ dual fuel filters.

Maintenance & Performance:

- Engine hours – 3626.4 as of 15.7.2015.
- Engine last serviced: full service with taking it out of the boat January 2013.
- Cruising speed – 7 - 8 knots @ 1800 -1900 rpm.
- Maximum speed – 9 knots @ 2400 rpm.
- Fuel consumption at cruising speed – approx. 8 - 10 litres per hour.
- Range @ cruising speed – approx. 750 Nm.

Propulsion & Steering:

- A 42” stainless steel wheel controls the Whitlock steering system.

- Aquadrive coupling, P bracket, Varifold VF – 120, 4 blade folding propeller installed April 2010.

Electrical Systems

Voltage Systems:

- 12vDC/24vDC domestic system with 220v/110AC ring main from generator, Solar Panels installed 2012 and/or shore power.

Battery Banks:

- 12 V / 60 Ah engine start battery.
- 12V / 60 Ah Generator start battery. Can be switched in parallel to the engine battery.
- 24 V / 500 Ah Service battery consisting of 12 x 2 V cells connected series. "Sonnenschein" Batterys heavy duty, deep cycle, sealed gel batteries (new 2009).
- 24 V / 240 Ah Battery for the navigation equipment consisting of 2 x 12 V batteries connected in series.
- 24 V 2 x 12 V connected in series for the bow thruster.

Battery Chargers:

- 1 x Victron Inverter Charger for the service batteries 24 V / 80 A. Inverter output 2000 W at 230 V.
- 1 x Victron Charger for the navigation batteries 24V / 50 A.
- 1 x Charger from the Wind generator switchable to either of the batteries. 300 W at 25 kn windspeed.
- 1 x Solar charger connected to the service battery, supplied by a solar panel. 20 A at 24 V.

AC / DC Converters:

- 1 x Victron Orion 24 V to 12 V 20A down converter.
- 1 x 24 V to 12 V downconverter feeding the AIS and its GPS, the antenna splitter, Radar See Me Box.

- 1 x 24 V to 230 V 300 W inverter for the 2 Computer screens.

Alternators:

- Engine with a 55amp/h 12 V + a 100amp/h 24 V to supply the main 24 V system.

Generator:

- Onan / Kubota, 11 KW, with its own 60 ah start battery, fully insulated with exhaust fed to an HMI water separator.
- Additional Separ dual fuel Filters only for Generator.
- Generator hours – 2625.8 as of 15.7.2015.
- Generator last serviced: August 2011.

Shore Power:

- 1 x Fully automatic isolation transformer. Input voltage 230 and 110 50 or 60Hz, output 230 V to all the 230 V appliances.

Other Electrical:

- 4 x Victron Solar panels 7.7m2 300W – 24V mounted on the stern.
- Superwind 350, wind generator 350 W.

Plumbing Systems

- Hot and cold fresh water system, with two freshwater pumps, if one fails the second one can be switched on by its own switch.
- Pressure tank, warm water heater heats with 24 V and hot cooling water from the engine.
- 24 V circulating pump from the hot water can be switched on if wanted.
- This hot water is also connected to the heating racks in the forward and aft heads.
- Saltwater pump with outlet in the galley, the automatic aft toilet and the anchor washing

supply.

Fresh Water & Water Heating System:

- Fresh Water & Water Heating System:
- Fresh water warm and cold in all heads and galley plus on stern at the bathing ladder.
- Water heater Isotemp 40 L New installed 3/2013.
- Rainwater catching system.

Watermaker:

- Seafresh, capacity 90 liter / h.

Bilge Pumps:

- 3 x Automatic (the aft one with 13300 L/h) and 1 manual in cockpit + 2 semiautomatik in Transom & midship.

Grey & Black Water:

- Grey and black water have overboard and in tank valves.

Tankage

Fuel:

- Total capacity of 1,080 litres in 3 x rigid high density polyethylene tanks.

Fresh water:

- Total capacity of 850 litres in 2 x rigid high density polyethylene tanks.

Grey/Blackwater holding tanks:

- 2 x 60 litre blackwater tanks.
- 1 x 180 litre greywater tank.

Navigation Equipment

- Furuno Blackbox system MFDBB with Furuno Navnet.
- Furuno Radar DRS 4D 24''
- Forward looking sonar INTERPHASE iSCSN 180.
- TECNAUTIC autopilot, Nav and Wind connected.
- Multiple GPS systems.
- MaxSea time Zero software connected to Furuno Navnet.
- AIS.

In cockpit:

- Furuno Plotter.
- TECNAUTIC autopilot displays / working units / fly by wire engine control.

At chart table:

- 2 x PC's with 2 screens connected to PC or Furuno Blackbox.
- Electronic nav. charts of maxsea time Zero + Furuno Blackbox.
- Autopilot displays / working unit /fly by wire station of Tecnautic Autopilot.

Communications Equipment:

- VHF Sailor 5022.
- Handheld Sailor 3500.
- HF, MF iCom M710.
- Inmarsat - Mini C; FBB 500 including sat phone.

- Epirb - 2 McMurdo G5 auto.
- S4 rescue sart, McMurdo.

Domestic Equipment

Galley:

- Stove / oven Force 10 gas burner, gimbaled (new 2012).
- Miele steam oven (new 2009).
- Large fridge 300 L and deep freezer 175 L 24 V Frigomatic.

Washing Machine:

- Miele WT Washer Dryer New installed in Jan. 2011.

Heads/Showers:

- Aft: Tecma electric toilet / Shower separate; the shower compartment gives access to washing machine and walk in engine room.
- Forward: Jabsco pump toilet / shower separate.
- Both toilets have fresh or salt water options.
- Bathing shower with hot and cold water next to the bathing ladder.

Heating & Ventilation:

- Ebersbächer D9W hot water central heating system with regulators in each cabin.
- Air-conditioned: all pumps were replaced in 2013; Each pump serves a separate unit with its own regulation; Forward one pump for Pullman and forward cabin; Main cabin 2 pumps for main cabin and galley; Aft one pump for masters cabin and aft shower.

Entertainment:

- In the main cabin car FM radio with CD, + MP3, WMA, MPEG1, USB & SD cards.

- Stereo Speaker system (4) in the main cabin + (2) in the cockpit or in each location separate.
- In masters cabin car FM radio with CD and 2 stereo speakers in the cabin.
- The PC screen No 1 on the nav. table can be turned toward the main seating area of the main cabin to enable watching any DVD you have.

Lighting (Outside):

- Decklight.
- Spreader up and down light.
- Cockpit table light fixed on the boom.

Lighting (Inside):

- In all cabins ceiling halogen lighting and separate individual lights in main saloon and sleeping cabins.

Accommodation

Summary of Accommodation:

- 6 x berths; master cabin with king size centreline berth with split mattress on special battens with 4 large lockers under the bed and ample stow room under mattresses; Pullman guest cabin to port with 2 bunks; lockers under lower bunk and cupboards on both sides; forward main guest cabin with kingsize berth with split mattress on battens; with lockers under the berth and on both sides, not to forget ample space for spare parts under the 2 mattress.
- Throughout the living area there are wooden soleboards and no carpets.
- The joinery is executed in American cherry.
- The saloon has a raised seating area with upholstery in Seagull Sunbrella with quick dry foam around the saloon table that folds out on each corner.

Description of layout from forwards:

- Anchor locker with 120 m chain.

- Sail locker with bulkhead to the aft.
- Forward cabin.
- Pullman cabin to port.
- Forward heads and shower for the two cabins on starboard.
- Seating around the table on port with lockers and deposits for charts on starboard.
- Under the seating area main battery and storage for working tools + -machines.
- Raised chart table with two PC – screens and navigational instruments on starboard.
- Gangway in the center with easy steps
- Underneath the gangway the Generator with soundproofing
- Galley on port with the passage to the owners' cabin perfect to cook in heavy weather conditions.
- On starboard behind the nav. table and under the seat is the washing machine.
- Walk in engine room in the center between the galley and the aft shower.
- Owners' cabin with passage to the aft shower and engine room.
- Lazarette lockers on port and starboard on port side with the Ebersbacher heater and stow room.
- On starboard side stow room and hydraulic for the two piston of the autopilot steering.
- In the transom center the steering mechanics of the rudder.
- Transom lockers for the outboard petrol.

Deck Equipment

Rig:

- Carbon mast in 34-700 standard modulus carbon fiber with 3 set carbon spreader by Hall Spars NL; 25 m from waterline (higher than original Discovery mast!).
- 2 x Forestay with Reckmann RS2000/40 furling system for Jib and Genoa.
- Rod shrouds on new chain plates installed in NZ.
- In boom furling by Furlerboom DK with Bamar furling motor.

- Hydraulic boom vang Sailtec Model -40BV with double acting pump Model T5-1.
- Backstay rod and with holmatro Backstay Adjuster and Spinnaker pole stowed on deck bb.
- Jockey pole stowed on deck starboard.

Winches:

- 2 x Andersen 68 STE, primaries.
- 1 x Andersen 52 STE, mainsheet.
- 1 x Andersen 52 STE, reefing lines, main halyard, spinnaker halyard, self-tacking jib sheet, preventer.
- 2 x Andersen 46 ST, on mast for halyards, topping lift, second spinnaker halyard, storm jib, spinnaker boom lift.
- Jib and Genoa Halyards are controlled by a tensioning system on the mast.

Sails (North Sails):

- Purchase date: Aug 2010.
- Main for furler boom - 75.94 m² - 817.47 sq. feet.

Note: This main sail went back to North DK, to alter in May 2011 and has not been used since!

- Genoa to furl - 95.04 m² - 1023.1 sq. feet.
- Jib to furl - 54.24 m² - 583.89 sq. feet.
- Trysail - 16.27 m² - 175.15 sq. feet.
- Storm jib - 15.88 m² - 170.95 sq. feet.
- G2 Gennaker - 202.51 m² - 2180.01 sq. feet.
- Purchase date: May 2011.
- No 2 Main for furler boom - 75.94 m² - 817.47 sq. feet.

- Spinnaker 230m2.

General:

- Bimini on a rigid fixed frame and sprayhood.
- Large varnished mahogany folding cockpit table with integral unit.
- Stainless steel bathing ladder recessed into transom.

Anchoring & Mooring Equipment:

- Anchor Capa Ultra 45 kg with swirl.
- Chain 120 m stainless A4 (1.4462, Duplex) 10 x 28 mm.
- Windlass MAXWELL with electronic chain control and counter, can be operated from cockpit and remote
- Stern anchor Manson plough 20 kg with a special dropping equipment and line on a spool.

Covers, Canvas & Cushions:

- Covers for all windows and winches.
- Covers for cockpit table, pedestal, steering and flagpole.
- 6 x Cockpit cushions.

Tender & Outboard:

- Southern Pacifik, Rib, 3.10m, rigid aluminum hull, inflatable.
- With blue canvas over the upper side rubber.
- Yamaha, 8 HP, 2 stroke, outboarder.

Safety Equipment:

- Viking life raft for 6 persons (new 2010, serviced 2013).

- Grab bag.
- Jon bouy, Dan buoy.
- 2 McMurdo G5 auto.
- AIS receiver / transceiver.
- Lifejackets equipped with mcmurdo smartfind S20, (can be automatically recognized over AIS by the tecnautic autopilot and guided over fly by wire to the engine up to 30 m to the MOB!!
- Firework.
- 200 m linethrower rocket.

Fire-fighting equipment:

- Gas detector.
- Smoke detector.
- FirePro aerosol Fire extinguishers with automatic release (long lasting no service necessary); in engine room; generator compartment; galley / main cabin; transom in heating compartment; Electronic cabinet; forward compartment where the bow thruster is located.

Exclusions

Owner's personal belongings.

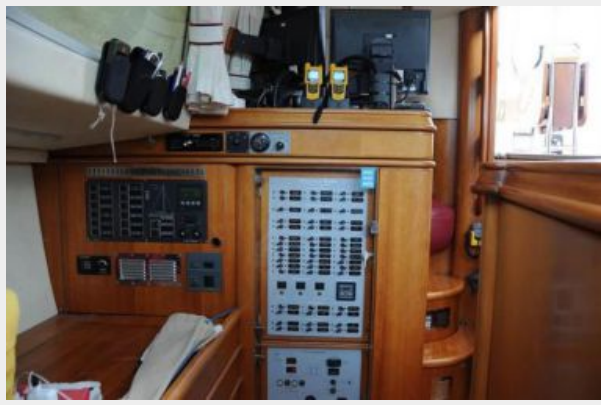
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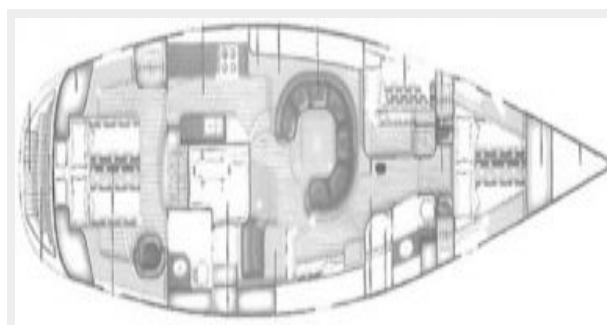
PHOTOS











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