

AKULA — AMELS



Builder: AMELS

Year Built: 1974

Model: Expedition Yacht

Price: PRICE ON APPLICATION

Location: Italy

LOA: 193' 7" (59.00m)

Beam: 35' 1" (10.69m)

Min Draft: 13' 2" (4.00m)

Max Draft: 17' 1" (5.20m)

Cruise Speed: 11 Kts. (13 MPH)

Max Speed: 13.5 Kts. (16 MPH)

Our experienced yacht broker, Andrey Shestakov, will help you choose and buy a yacht that best suits your needs **AKULA — AMELS** 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.

If you would like to buy a yacht **AKULA — AMELS** or would like help answering any questions concerning purchasing, selling or chartering a yacht, please call **+1(954)274-4435**

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SPECIFICATIONS

Overview

Not for sale or charter to US residents while in US waters.

Basic Information

Category: Expedition Yacht

Model Year: 1974

Year Built: 1974

Refit Year: 2009

Country: Italy

Helipad: Yes

Dimensions

LOA: 193' 7" (59.00m)

LWL: 173' 11" (53.00m)

Beam: 35' 1" (10.69m)

Min Draft: 13' 2" (4.00m)

Max Draft: 17' 1" (5.20m)

Speed, Capacities and Weight

Cruise Speed: 11 Kts. (13 MPH)

Cruise Speed Range: 6500

Max Speed: 13.5 Kts. (16 MPH)

Displacement: 2150000 Pounds

Gross Tonnage: 865 Pounds

Water Capacity: 10566.88208 Gallons

Fuel Capacity: 29851.441876 Gallons

Accommodations

Total Cabins: 5

Sleeps: 10

Crew Sleeps: 19

Hull and Deck Information

Hull Material: Steel

Exterior Designer: Dutch Naval Design

Engine Information

Engines: 3

Manufacturer: Deutz

Model: BA8M816W

DETAILED INFORMATION

DETAILED DESCRIPTION

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1. MAIN CHARACTERISTICS

TYPE	◦ Explorer Motor Yacht
HULL NO	◦ 335
HELIPAD	◦ Helipad
OFFICIAL NUMBER	◦ 727423
BUILDER	◦ Amels - The Netherlands
EXTERIOR DESIGN	◦ Dutch Naval Design
YEAR	◦ 1974
CONVERSION	◦ 1999 by Vosper Thornycroft - UK
REFIT	◦ 2008-2009
CONSTRUCTION	◦ Steel hull & Superstructure, ◦ Boliddt deck, Teak main deck
FLAG	◦ UK, London
ENGINES	◦ 3 x Deutz BA8M816W
GT	◦ 865
NT	◦ 259
DISPLACEMENT	◦ 1,075 tons

2. DIMENSIONS

LOA	◦ 59.00m / 193'6" ◦ 61.50m / 201'9" incl. swim platform - not on registration
LWL	◦ 53.00m / 173'
BEAM	◦ 10.69m / 35'7"
DRAFT	◦ 4.00m / 13'1" min ◦ 5.20m / 13'1" max
AIR DRAFT	◦ 24.00m / 78'8"

3. SPEED & RANGE UNDER POWER

- MAXIMUM SPEED** ◦ 13.5 knots max / 6m3 / 24hrs
- CRUISING SPEED** ◦ 11 knots max / 4m3 / 24hrs / 6,500nm
- ECONOMICAL SPEED** ◦ 8.5 knots max / 2m3 / 24hrs /10,000nm

4. CAPACITIES

- ACCOMMODATION** ◦ 10 x Guests in 5 cabins
- 1 x Master, 1 x VIP, 2 x Double, 1 x Twin
- CREW** ◦ 19 x Crew
- FUEL** ◦ 113,000 litres / 29,851 US gallons
- HELI FUEL** ◦ 5,000 litres / 1,320 US gallons
- FRESH WATER** ◦ 40,000 litres / 10,566 US gallons
- WATER MAKER** ◦ 30,000 litres / 2,975 US gallons per day
- LUBE OIL** ◦ 1,690 litres / 446.5 US gallons
- WASTE OIL** ◦ 5,700 litres / 1,506 US gallons
- WASTEWATER** ◦ 7,800 litres / 2,060 US gallons
- BALLAST WATER** ◦ 9,220 litres / 2,355 US gallons in trim tanks

5. ACCOMMODATION

- Aft Saloon
- Dining Room
- Sauna
- Fitness Room
- Massage Room
- Aft Deck seating area
- Upper Deck Solarium / Sun Room
- Upper Aft Deck Sun Terrace
- Sun / Observation Deck

6. DIESEL ELECTRIC ENGINE DETAILS

AKULA has 3 x 430kW/579Hp Deutz engines which drive 3 x DC generators which provide power for 1 x 816kW MPM (Main Propulsion Motor), they also provide power for the forward DC windlass and the bow thruster. These engines also drive 3 x AC generators which provide the 380v 3 phase and 220v single phase power through all the other systems on board.

In addition there are 2 x harbour generators which provide AC power for the vessel either at anchor or alongside for quieter more efficient generation when the MPM or other DC powered units are not required. One of the major benefits of a diesel electric system is that the engines/power units do not need to be positioned aft but theoretically anywhere as all one needs is some wiring to go back to the propulsion motor which is situated way aft with a short and much quieter shaft than one which has a long run through the vessel.

7. MECHANICAL EQUIPMENT

- 3 x 430kW Deutz BA8M816W

ENGINES	◦ 1 x MPM electric producing 816kW
GEARBOX	◦ Reintjes; ratio: 1760-1000
DRIVE	◦ Electric MPM; Single Prop
STEERING SYSTEM	◦ AEM - double Hydraulic
HELM/CONTROL STATIONS	◦ 2 x Bridge wing + main bridge station plus ECR
STABILISERS	◦ Vosper Thornycroft 4 fin 200 series, overhauled 2014
BOWTHRUSTER	◦ 309 kW Smit VG 52/32
GENERATORS	◦ 2 x 133kW CAT C66, 1,500 rpm 380V 50Hz ◦ Using 200litres/d @ full load +generator
EMERGENCY GENERATOR	◦ 1 x 28kW Cummins 1,500rpm
SHORE POWER A/C	◦ 380V 3-Phase 50Hz ◦ Atlantic refer
INTERIOR FRESH AIR	◦ High press system
AIR COMPRESSORS	◦ 2 x HPC 5x6 7.5bar screw ◦ Atlas Copco LE7 10bar piston
WATERMAKER	◦ 2 x HEM
FRESH WATER SYSTEM	◦ UV filter + charcoal
SEWAGE SYSTEM	◦ Hamann
BILGE WATER FILTRATION	◦ OWS DVZ500 PC/VC
FUEL FILTRATION	◦ Wartsilla centrifuge plus duplex filters
MAIN ENGINE START	◦ 2 x Independent banks - auto charged - 38 batteries
GENERATOR STARTING	◦ 1 x 2 Bank per generator - auto charged batteries
EMERGENCY	◦ 6 x Batteries maintenance free - auto charged

8. HELICOPTER DECK

- 15m x 10m Maximum size (EC155/S76)
- 4.5 ton maximum weight
- Suitable for Helicopter sling loading
- Retractable Hanger (will fit Squirrel or Agusta 109)
- 5,000 litres Helicopter fuel capacity
- Refueling station at deck level with 103 l/m flow rate
- Folding Safety Railings
- Tie-down Points

9. NAVIGATION EQUIPMENT

- Kelvin Hughes 10cm "S" band atmospheric dependent

RADAR	range
AUTOPILOT	<ul style="list-style-type: none"> ◦ Yokogawa ◦ Navitec Raytheon
GYROCOMPASS	<ul style="list-style-type: none"> ◦ Yokogawa KM008
COMPASS	<ul style="list-style-type: none"> ◦ Cassens & Plath
DEPTH SOUNDERS	<ul style="list-style-type: none"> ◦ 2 x Fore and aft by B&G
SATNAV	<ul style="list-style-type: none"> ◦ Transas
GPS	<ul style="list-style-type: none"> ◦ 2 x Leica MX 412
DGPS	<ul style="list-style-type: none"> ◦ 2 x LeicaMX412
PLOTTER	<ul style="list-style-type: none"> ◦ Transas
SOFTWARE	
CHART PLOTTER	<ul style="list-style-type: none"> ◦ Transas
NAVTEX	<ul style="list-style-type: none"> ◦ JRC NCR-300A
AIS	<ul style="list-style-type: none"> ◦ Saab
WIND	<ul style="list-style-type: none"> ◦ 1 x B&G
INSTRUMENTS	<ul style="list-style-type: none"> ◦ 1 x Furuno
SPEED LOG	<ul style="list-style-type: none"> ◦ Walker Log

10. COMMUNICATION EQUIPMENT

SATCOM	<ul style="list-style-type: none"> ◦ VSat equipment removed ◦ (subscription expired)
VHF FIXED	<ul style="list-style-type: none"> ◦ Sailor RRT 5022 ◦ 2 x RT 2048
VHF HANDHELD	<ul style="list-style-type: none"> ◦ Sailor 2 ◦ I-Com 21
SSB	<ul style="list-style-type: none"> ◦ Sailor CU 50100
TELEPHONE SYSTEM	<ul style="list-style-type: none"> ◦ Cisco IP w/extensions in all areas
ICOM	<ul style="list-style-type: none"> ◦ 19 x ICM-87/88
INTERCOM	<ul style="list-style-type: none"> ◦ Cisco
SHIPS COMPUTER	<ul style="list-style-type: none"> ◦ iMacs
PRINTER	<ul style="list-style-type: none"> ◦ HP officejet
INTERNET	<ul style="list-style-type: none"> ◦ Wi-Fi internet throughout /512 kbps max

11. DECK EQUIPMENT

ANCHOR	<ul style="list-style-type: none"> ◦ Krimpen EAll
WINDLASSES	
ANCHORS	<ul style="list-style-type: none"> ◦ 2 x HHP with SWL of 1,000kg
ANCHOR CHAINS	<ul style="list-style-type: none"> ◦ 32mm x 2 x 6 shackles
CAPSTANS	<ul style="list-style-type: none"> ◦ 1 x Coastal marine CME aft
WINDLASSES	<ul style="list-style-type: none"> ◦ 2 x Krimpen

CRANES/DAVITS

- 2 x HS Marine: Starboard 6t w/ SWL, Port w/3.5t SWL

BOARDING GANGWAY

- 1 x Manual @ stern - doubles for side boarding

SPOTLIGHTS

- 6

SEARCHLIGHTS

- 2

FURNITURE

- Dining Area with 8 x sun loungers
- Dining capacity for 10
- Wet Bar

AWNINGS

- Sun Shade Awning

12. ENTERTAINMENT EQUIPMENT**CENTRAL SHIP'S AUDIO**

- Sonos

CENTRAL SHIP'S VIDEO

- Media server - apple TVs

FLAT SCREEN TVS

- All guest areas; crew cabins + mess
- In total: 21

STEREOS

- Guest areas - Sonos
- Cabins - Apple TVs

13. GALLEY & LAUNDRY EQUIPMENT

◦ GALLEY

- 1 x LecnoInox range
- 1 x Retigo RM Gastro oven
- 2 x Whirlpool fridge
- 1 x LecnoInox grill
- 1 x Candy microwave
- 1 x Matsui freezer
- 1 x Simag icemaker
- 2 x Miele professional dishwashers
- 1 x Electrolux, Arthur Martin winecooler
- Fwd of Galley walk-in fridge
- Lower deck walk-in freezer

◦ LAUNDRY

- 1 x Miele pro washing machine, fwd laundry
- 1 x Electrolux washing machine, fwd laundry
- 1 x Miele pro dryer, fwd laundry
- 1 x Electrolux dryer, fwd laundry
- 1 x Electrolux washing machine, aft laundry
- 1 x Electrolux washing machine, aft laundry
- 1 x Electrolux dryer, aft laundry
- 1 x Electrolux dryer, aft laundry
- 1 x Miele pressing unit
- 2 x Rowenta pro perfect irons, aft laundry

- 1 x Bosch iron, fwd laundry
- 1 x Laurastar iron, fwd laundry

14. SAFETY & SECURITY EQUIPMENT

○ SAFETY

- 4 x 20-person Viking liferafts
- 10 x Perry Solas liferings
- EPIRBS: ACR Cobham 406 on Bridge deck
- 2 x Sets of flares

○ FIREFIGHTING

- 8 x Heat detectors
- 74 x Smoke detectors
- 1 x Optical
- 22 x Call points
- Fixed CO2 system in Engine Room
- 6 x Portable CO2 extinguishers
- 35 x Foam & powder extinguishers
- 8 x Hydrants throughout
- 2 x Pumps
- Foam equipment
- 4 x FFE firefighting suite, aft air handler locker - Drager

○ SECURITY

- 5 x Cameras (3 x main deck, 1 x pantry, 1 x mast)
- 1 x Monitor, Crew mess
- 1 x Code lock door alarm
- 1 x Motion detector to security light on gangway

15. TENDERS & WATERSPORTS EQUIPMENT

TENDERS

- 1 x 10.20m Naiad 2 x Yanmar driven water jets
- 1 x 8.00m Stanley Landing craft w/150hp Yamaha outboard
- 1 x 5.50m Sealegs Amphib RIB inflatable w/ Yamaha 100hp outboard

WATERSPORTS

- 2 x SeaDoo Wake 215hp Jetskis
- Water Skis
- Seabob
- Paddleboats

DIVING

- 6 x Sets of Posidon
- 1 x Compressor Bauer 300 bar
- 15 x Snorkelling equipment
- Various fishing equipment both heavy and light tackle

OTHER

- Lower deck Gym of 3m x 4m
- Kettle Track running machine
- Dry Sauna

16. ENGINEERING WORK HISTORY

- WATER MAKER**
 - HEM- HP pumps overhauled, new membranes installed, La Ciotat 2008
- ANCHOR WINDLASS**
 - In Crete 2008 windlass dismantled, inner parts checked, damaged one replaced, windlass body sand blasted and painted
- ANCHOR CHAINS**
 - 2008 - Crete chains replaced
- AIR CONDITIONING**
 - Compressor Overhauled, Malta 2009
- HARBOUR GENERATOR**
 - 2010 - installed 2 x new Caterpillar generators, equipped with advance power sharing and controlled systems
 - Generators relocated to better and more convenient place in engine room
 - 3 x Deutz 430kW- installed new (second hand, standby generators for hospitals with 300h in 2010 by Malta ship yard services
 - Main engines recorded as generally overhauled in 2010 with +/- 3000 hours since.
- MAIN ENGINES**
 - 3 x Reintjes
- GEARBOXES**
 - Bearings & seals replaced. Malta 2010
- BOW THRUSTER**
 - Complete overhaul, Genoa 2014
- STABILISERS**
 - Nos. 1, 2, 3, 4, 9, 10, 11, tanks sandblasted & painted with Hempel epoxy paint
 - Tanks Nos 3 & 4 contain solid ballast as iron ingots, all ingots removed, sand blasted, painted & restored into tanks
 - Black water tank- tank top, frames and outside shell plate renewed, painted with Hempel epoxy paint under control of Hempel surveyor, Malta 2010
 - New Deck Crane PS Installed new, Norfolk 2011
- DOUBLE BOTTOM TANKS**

17. WORKS FROM 2008

- FWD GUEST AREA**
 - Upgrade and extension of forward Laundry including:
 - More machines and larger work space for interior crew
 - Forward bulkhead installed to separate guest corridor from Laundry area
- ALL GUEST CABINS UPGRADED INCLUDING:**
 - Replacing head liners and headliner fittings
 - New lighting with sensors
 - Larger wardrobe storage area
 - New bed bases with foot lighting
 - Upgrade of Bathroom fittings

MASTER BEDROOM & SALON

- Upgrade of Master Bedroom, Bathroom and Saloon including:
- Complete new Bathroom
- Bed room fittings & fixtures
- Walk in Wardrobe

CREW MESS

- Upgrade and expansion of crew mess including:
- New Dinner Table, Bench-top and Cupboard storage
- New headliners
- Re-arranging of seating and removal of void spaces for better use of space
- Installation of Apple TV entertainment system in mess, crew + guest areas

DINING ROOM

- Upgrade of Dining area including:
- New headliners
- Marble-top dining table
- Access door to Port side owner's deck

PANTRY

- Upgrade of Pantry area including:
- New headliners
- Additional storage space and wine fridge
- Additional bench space

AFT SALOON

- Upgrade of Aft Saloon including:
- New Headliners
- Fittings and Furniture
- Small office space

AFT STORAGE & CORRIDOR

- Upgrade & expansion of Aft storage areas including the installation of:
- Gym with running machine, speed ball & punch bag
- 1 x 4 person Sauna
- Massage room
- Day head

HANGAR

- Conversion of Hangar and Heli-Workshop into Day Room including:
- Bar, Lounge and Dining area
- Adjoining covered exterior entertainment area
- Removable fittings to enable storage of Helicopter when necessary

DECK

- Upgrade & addition of Cranes, Tenders, Jet Skis, including:
- 10.20m NAIAD Custom Cabin Jet Rib specifically designed for expeditions, powered by Twin Yanmar 315 HP & Hamilton Jets, top speed of 36 knots, range of over 200nm
- 7.50m Stanley Landing Craft with Yamaha 150HP

IN ADDITION

- 2 x Seadoo Jet skis
- Bauer Dive Compressor
- 2 x Puad bike ATV's
- 1 x ATV, 2-person
- Bolidt Deck installed on Helideck and Observation Deck
- All aerials, satellite dishes and scanners removed from Monkey Island above Bridge to create large Observation Deck with 360° views

18. COMMENTS

Formerly a Dutch navy pilot vessel AKULA was converted to a world cruising explorer yacht in 1999 at the Vosper Thornycraft shipyard. BMT Nigel Gee provided all naval architecture and structural design for the conversion including the addition of a flight deck and helicopter hangar.

Refit work was completed at Vosper Thornycraft in 1999. A further interior and exterior refit was completed at H2X in La Ciotat in 2008. Engine overhaul in Malta in 2010. Akula is a wonderful example of a well-kept conversion from her working days as a Dutch Pilot vessel.

Originally built in Holland to the highest Dutch naval specification, her condition today reflects her high standard of construction and the maintenance and care that has followed throughout her life until now.

Akula was refitted to accommodate professional helicopter operations and to be able to cruise the most unfriendly of oceans in style, safety and comfort. Akula is equipped with four Vosper stabilizers that assist rough weather heli-operations allowing comfortable landings in up to around Force 6 weather conditions.

Three main diesel electric engines provide single screw propulsion and power. Together with the silenced generators sound (DB) levels compare well with modern day building standards. Stern and bow thrusters allow for ease of maneuvering and positioning. This vessel, with its sturdy launches and equipment reflects the type of use she was intended for and portrays the feeling of strength and safety with a homely, comfortable atmosphere.

◦ **REFITS**

- Vosper GB, 1999
- Complete refit & conversion to Heli-ops Yacht Explorer H2X La Ciotat, 2008
- Interior and exterior.
- Engine and Generator Overhaul Malta 2010

Exclusions

Owner's personal belongings.

Disclaimer

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

PHOTOS







CONTACTS

Andrey Shestakov, leading yacht broker of the sales department of Shestakov Yacht Sales Inc. Shestakov Yacht Sales Inc., the official representative of the Miami/Fort Lauderdale FL headquarters.

Contact details

Email: **andrey@shestakovyachtsales.com**

Web: shestakovyachtsales.com/en/

Telephones

USA: **+1(954)274-4435**

Office hours

Monday – Saturday: **9:00 - 21:00** EDT

Sunday: **closed**

Address



Harbour Towne Marina, 850 NE 3rd St, STE 213, Dania, FL 33004