



NIKOS ODYSSEAS PAPADAKIS
I N T E R N A T I O N A L
YACHT SALES & CHARTERS

YACHT CODE

MY/2691

YACHT

Conversion Project motor yacht

YEAR OF BUILT

1975

ENGINES

2 X Deutz 4400 hp each

SIZE IN METERS

77.40

SPECIFICATIONS

Type : Twin Screw motor yacht

Length Overall: 77.40

Beam: 13.22m

Draft (max): 5.07

Built : 1975

Refit : 2009

Gross Tonnage: 1,508.29 tons

Net Tonnage: 164.42 tons

Hull material : steel

Deck material : teak

Generator : 3 x - 412 kW / 1 x - 150 kW

Hull:

Material : Steel

Bottom & topsides : steel

Frames : steel

Floor : steel

Stem : steel

Transom : steel

Decks : steel

Deck beams : steel

Superstructure: steel

**Bulkheads type & location : 4 off waterlight bulkheads forming
5 off waterlight compartments**

Deck Fittings & equipment:

Deck hardware: Steel mooring bitts, fair leads nad eyes

**Anchors : 2 off Spek-Patentanker type each weighting 1.662 kg
and fitted with 9 shackles of 28mm galvanised chain.**

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**DECK & FITTING
EQUIPMENT**

Anchor windlass : 1 off electrically driven made by Schmieroelf Co. fitted with drums for mooring lines and with electric motor, maximum capacity 50 kw.

Docking lines : Full set sighted

Mooring Winches: 1 off electrically driven with a 40 kw capacity electric motor

Bulwark : Steel

Search light : 3 off (1 forward and 2 aft)

Fenders: 8 off A6 type

Horn : Yes

Tenders: 1 off 4.2 meters rib Zodiac type Project 5762 fitted with Yamaha jet engine.

Outboard Motors : 1 off Yamaha 50 horsepower

Covers: On exterior controls and bridge repeaters

Passarelle : 1 off stainless steel for use on both port and starboard sides

Crane: 2 off boom cranes make Schichau Unterweser AG. type Schwerkraft fitted on boat deck for life boats 3.250 kg capacity each

2 off cranes, 1.100 kg capacity each fitted on forward heli deck area in 2005

**ENGINES &
MACHINERY**

Type : 2 off diesel engines

Manufacturer : Deutz - AIWA

Model: RBV 12M 350

Power: 4400hp / 3238kW

Total Power: 8800hp / 6476kW

Propulsion: Twin Screw

Speed v range : At maximum speed 16.5 knots the maximum range is 5,700 miles. – 25tons/24hrs

At cruising speed of 15.5 knots the maximum range is 6,080 miles.

At economic speed of 13 knots the maximum range is 7,015 miles.

Speed: Max 16.5 / Cruising : 15.5 / Economic: 13

Engine hours : port main engine : 10 since last overhaul, starboard main engine : 10 since last overhaul

Consumption: 25 tons per 24hrs (approx) @16.5kn

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Total capacity 670 cu meters MDO = 558 tons (approx)
Engine cooling : Closed circuit coolant system with centrifugal pump and thermostat, cooled via heat exchanger

Fuel filters: Secondary filter unit on each main engine

Water Separator : Yes

Oil filters: 1 off unit of each main engine, 2 off automatic and 1 off for each gearbox

Water pumps: 1 off cooling water centrifugal circulation pump for each main engine and 1 off auxiliary pump
1 off raw water, centrifugal circulation pump for each main engine and 3 off seawater pumps

Heat exchanger : 1 off for each main engine with the two media fresh and raw water, passing through the unit in an opposed flow pattern for optimum heat transfer

Air filters: Dry type combustion air filters

Oil coolers: 1 off lub oil heat exchanger for each main engine
1 off for each gearbox

Transmissions: 2 off Renk Bus gearboxes, type 80 with 2.85 reduction ratio

Shaft type : 2 off stainless steel shafts with Simplex type tube sealing system

Support Brackets : 1 off bracket on each shaft

Propeller : 2 off 4-bladed propellers of bronze alloy

INSTRUMENTS

Full set of engine instruments fitted including audible and visual alarms, rpm indicators, engine hour meters, engine oil pressure gauges, gearbox oil pressure gauges, engine's water temperature gauges. Also fitted with rudder indicators bow thrust controls, audible and visual alarms for bilge level, main engines starting air low pressure, air steering governor low pressure, viscotherm min/max alarm, viscosity min/max level alarm, lub oil reserve pumps failure, reserve lub oil main engines pumps failure, controllable pitch propeller servo oil, overhead failure phase steering, main engines injectors cooling low pressure seawater pumps, sludge tank lub oil separator,

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overflow lub oil separator alarm, overflow diesel oil tank, remote control fault fuel oil separator, 15 ppm alarm bilge separator, high level fuel separator, lub oil separator and main engines sludge tanks, over speed, smoke detection system alarm and full set of instruments for generators. Full set of level gauges for all tanks also fitted.

**ENGINES CONTROLS
& TYPE**

Electro- pneumatic controls

Engine stop : Emergency device for engine and machinery fuel cut off fitted in way of the engine room and the bridge.

Generators : 5 off diesel, naturally aspirated

3 off Deutz type 441 Kw each.

Recorded running hours since last overhaul are 20

1 off emergency Deutz generator type F10L413 148hp at 1.500 RPM coupled to an alternator type 115 kva

1 off harbour Deutz generator type BF6M716 alternator of 188 KVA

Engine cooling : Closed circuit fresh water system cooled through the heat exchanger by an open circuit seawater system room.

STEERING

Steering Type : Electrohydraulic Steering gear

Helm locations: 1 off at main steering position in bridge and 1 off in aft bridge not in use. Steering controls in way of the upper deck deactivates.

**ELECTRICAL
SYSTEM**

Distribution : 1 off main switchboard in the engine room with switches for generator's starting, shutdown and parallel operation, starting of all machinery and shore power supply selecting

Batteries : Emergency batteries for VHF's and emergency lightning fitted on board

Shore power : 440 V AC/ 200 A , average consumption in port 180 Ampere

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TANKS

Fuel type: Diesel oil
Tanks capacity & location: 597.000 ltr capacity in total distributed
in sides, centre and double bottom tanks, 3 off tanks for lub oil storage
with 41.00 ltr capacity.

Water capacity & location: Forepeak
Fresh water tank with 46.000 ltr total capacity
Double bottom ballast water tanks with 124.500 ltr total capacity
Port and starboard water tanks with 47.000 ltr total capacity
Water maker : N/A

**ELECTRONICS
& NAVIGATION**

Sat Comms : 1 off Inmarsat A JRC model JUE -45A
Combined echo sounder/ fish finder & speed log : 1 off
Echo sounder Krupp Atlas electronic 470 type AZ6012
Wind & speed direction: KVH Quadro
Navtex : 1 off Raytheon Rayfax 1000
Clock & temperature : Yes, in wheelhouse
Navigation lights : Full set

**ELECTRICAL
EQUIPMENT**

Stereo / Hi-Fi : 1 off Sony radio CD fitted in Captains cabin
1 off JVC PC- W100 in Chief Engineer's cabin
1 off Philips radio cassette type ZV7304/00 in officer's mess room

TV/ VIDEO : Panasonic TVs 21' and 15' i captain's cabin
Goldstar TV video type view max in Chief officer's cabin
Sony TV type CKV-27 60PSE and Panasonic Video Type NV-ST 208 in radio office
Panasonic TV type TC-21PM30R, Sony TV Trinitron type KV-PG 14170
Panasonic VCR type NU-ST 208 in Engineer' cabin
Daewoo TV type DMQ2058 MOD, philips VCR type VR212/02 in second engineer's cabin
Sony TV type CKV2660PSE in 3rd engineers cabin
Sony Tv type KV-PG14L7 in electrician's cabin
Sony Tv type KV-PG14L7 in cook's cabin
Sharp Tv video type VT-2118m in officer's mess room
Shart TV video type VT-2198B in crew mess room
Panasonic Tv type TC-21pm30R
Panasonic VCT type NVSJ208 in guest mess room

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**ACCOMMODATION
& FURNISHINGS**

Air conditioning : Air conditioning system servicing all accommodation areas

Heating: Throughout all accommodation areas using the air-conditioning system

Lower Deck:

Forward: Bowthruster room, refrigeration compartments, hospital, lockers, emergency exit, and 9 off crew cabins with two berths each fitted with portholes, reading lights, wooden cupboards and wardrobe

Main Deck:

Forward: Storage compartment for galley electrician's workshop, ladder below deck leading to paint locker and chain locker
5 off crew cabins with one or two berths each fitted with portholes, reading lights, wooden cupboards, wardrobe and bathroom
2 off crew cabins with one berth no bathroom

Common showers and toilets

Lockers, 2 emergency exits ad 2 fire stations

Officers and crew mess rooms, galley and pantries, laundry room

2 off WC's on each entrance to the accommodation area and staircase leading to boat deck

Amidships : Emergency generator room with switchboard, waterlight doors closing controls, emergency stop for pumps and fans, emergency controls for 24 Volts system, Fire stations and engine room skylights.

BOAT DECK

Aft: 5 off cabins with 4 berths and 1 off cabin with 2 berths, all with bathroom.

Dinning room with dinning table for 7 persons, galley, pantry and storage room.

Forward : 3 off cabins with single berths, bathroom saloon and bathroom for Captain, Chief officer and chief engineer

Ship's office, deck lockers, 2 fire stations and staircase leading to bridge deck

Life rafts on both port and starboard sides

Windlass and bites.

Amidships: Permanent CO2 operating System activation. Foam tank

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of 1.000 ltr capacity. Stern tube high tank, pitch propeller expansion tank. Remote control for life boats. Emergency fire pumps starting. Emergency stop for air conditioning.
2 off life boats with 45 passengers capacity each.

AFT : Owners evacuation accommodation area consisting of one bedroom fitted with 1 off double berth, bathroom and small lounge. Laid with marble tiles, wooden bulkheads and fitted carpet. Also fitted with windows, wooden wardrobes, cupboards, drawers, mirrors, dressing tables.

Heli deck with landing lights and projectors, 2 cranes on forward sides, 2 seats for guards on both sides, 2 fire cannons and a pollution kit

Bridge deck: Wheelhouse with chartroom, radio room and radio officer's room on the port side, telephonce centre, weather fax and satellite room, WC and shower, staircase leading to the lower decks and doors to the deck.

Upper deck: Steering controls deactivated, telephone, life jackets, air conditioning unit, Epirb batteries for navigational equipment, antennas, projectors and air filter system in way of the funnel.

**SAFETY & FIRE
EQUIPMENT**

Flares : Selection sighted on board

Flare Gun & cartridges : Selection sighted on board

Life jackets: Adequate number sighted on board

Extinguishers portable : 6 off 6kg, 2 off 5 kg, 1 off 10 kg each Co2 distributed in way of accommodation areas and machinery spaces
7 off 12 kg, 50 off 6kg and 2 off 50kg each, dry powder and distributed in way of accommodation areas and machinery spaces

1 off 7 kg Halon

Permanent fire fighting system: 16 off Co2 cylinders 45 kg capacity each with discharges in engine room nad generator room, manually activated

Life boat / rafts : 2 off liferaft of 25 person each manufactured in 1995
First aid, EPIRB emergency.

**ADDITIONAL
EQUIPMENT**

1 bowthruster

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FINDINGS

The overall condition of the yacht was found to be good. The vessel was subject to a Special survey under the supervision of ABS in 2005. All class certificates were found to be valid. All piping and systems were found to operate satisfactorily and no leakage from any machinery was noted during our attendance. All deck fittings equipment were found to be in an overall good condition and well maintained. Electronics and navigation equipment were tested and found to be operating satisfactorily. Main engines, generators and machinery were found to be in apparent good working condition. The electrical main board was renewed during the last overhaul of the engines. All wiring was checked and renewed as necessary. Indicators for main engine operation such as exhaust gas temperature, main engine water temperature, diesel generator temperature, various machinery temperature and turbo rpm are displayed on a touch screen from which alarms can be adjusted. Accommodation areas were found in good condition.

DISCLAIMER

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 his agents, or his surveyors, to investigate such details as the buyer desires validated. This vessel is offered subject to prior sale, price change, or withdrawal without notice.