

# NELSON 42

Castlemain Marine (Guernsey) Ltd.,  
P.O. Box No. 80, North Esplanade, St. Peter Port, Guernsey, Channel Islands.



## NELSON 42

We are pleased to offer in conjunction with Guernsey Boat Building and Engineering Co. the luxury Nelson 42 twin screw diesel yacht.

These vessels based on the Nelson 40 hull, are renowned for their superb seakeeping qualities and capability of making fast passages in the most adverse weather conditions.

Used commercially throughout the world as police launches, patrol craft and pilot boats who obviously have to put to sea regardless of weather.

Combine the ultimate in seakeeping with superb craftsman built luxury accommodation and the result must be outstanding.

The interior and deck layouts are specifically designed with the average cruising family in mind giving accommodation for six in 3 separate cabins all with full standing headroom. Two toilets and showers offer considerable privacy. On deck abaft the outside steering position is a large deck area created for relaxing and of course for the sun worshippers.



14th April, 1977

The Corporation of Trinity House has, over the centuries, pioneered many developments for lighthouse and pilotage services. Much technology has been made available to other organisations at home and overseas involved in safety and movement at sea.

As Deputy Master of Trinity House, I take particular pride in the contribution which the Corporation has made in the development of a fast pilot launch.

When, over 12 years ago, the Keith Nelson design for a forty foot pilot launch was proposed, few of those involved would have envisaged the export sales success story this launch is today.

Well over 200 hulls have been moulded in glass reinforced plastic, based on the Nelson design; over 17 countries now operate these launches in a variety of maritime roles; an increasing number of British pilotage authorities have them in service; the records speak for themselves.

This remarkable hull design has proved its sea keeping capabilities time and time again. The "V" Class launches based at Southampton and Isle of Wight Districts are currently each clocking 30,000 miles a year. Vandyke has put up something of a record by running up 90,000 miles without going for a major refit. THPV Vigia has exceeded 300,000, or the equivalent of 10 round trips to Australia.

Surely the hallmark of success is when an idea is adopted, emulated and becomes a standard of attainment.

*Miles Lingard*

### Trinity House 40ft "V" Class Pilot Vessels

21 Vigia	25 Venture	28 Verity
22 Vigilant	26 Versatile	29 Valid
23 Vedette	27 Vivid	30 Valonia
31 Valiant	34 Valery	41 Valentine
32 Valour	35 Vanquisher	44 Vandyke
33 Vanguard	40 Vagabond	45 Vagrant

## Some Notable Nelson Dates

- 1959 18' G.R.P. Launch at London Boat Show.
- 1961 T.T. Boat Designs Limited, formed as separate Company for NELSON DESIGNS.
- 1962 Exhibited at first Genoa Boat Show obtaining orders from Yacht Club Italia and Genoa Port Authority.
- 1962 Daily Express Cowes/Torquay Race.  
32' G.R.P. Launch 'Espoir' winner of Index of Performance Award.
- 1963 Two 32' Nelson launches supplied to Ministry of Defence for Port Auxiliary Service.
- 1963 40' Nelson G.R.P. Hull designed.
- 1964 First 40' Trinity House Pilot Vessel 'Vigia' delivered.
- 1965 60' Nelson G.R.P. Hull designed.
- 1965 34' Nelson G.R.P. Hull designed.
- 1967 40' 'Grand Espoir' wins Guards International Power Race in Jersey in adverse conditions.
- 1967 Six 40' and three 56' Patrol Launches ordered for Abu Dhabi Defence Force.
- 1967 Two 34' Nelson Officers Boats supplied to M.O.D. for service in H.M.S. Ark Royal.
- 1969 Four Nelson craft entered in Daily Telegraph Round Britain Race and all completed the course.
- 1969 Keith, Nelson & Company sold to Vosper Thornycroft Limited.
- 1970 75' Nelson G.R.P. Hull designed.
- 1970 Two 34' Nelson Royal Barge Escort Boats supplied to M.O.D. for service in H.M.Y. "Britannia".
- 1972 50' Nelson G.R.P. Hull designed.
- 1972 100th 40' hull completed as Pilot Vessel 'Vagabond' for Trinity House.
- 1975 112' "Azteca" design for Secretaria de Marina, Mexico.
- 1976 250th 40' hull ordered.
- 1976 All 21 U.K. built Aztecas delivered and completed passage to Mexico.
- 1977 Presentation of 165' Osprey Design.
- 1977 Prototype Osprey construction begins.

## Some Nelson Designed Hulls Completed to Date

Type	Quantity	Material
18'	215	G.R.P.
34'	115	G.R.P.
40'	260	G.R.P.
45'	18	G.R.P.
50'	5	G.R.P.
60'	12	G.R.P.
75'	15	G.R.P.
112'	Over 21	STEEL

## Specifications of the NELSON LUXURY 42 TWIN SCREW MOTOR YACHT

### General

This craft is a standard Nelson 42 T.S.M.Y. built on the well proven Halmatic 40 Hull and superstructure mouldings to specification as below.

### Designer

T.T. Boat Designs Ltd. Bembridge, Isle of Wight.

### Principal Dimensions

L.O.A.	42 ft.	12.8 M
L.W.L.	38 ft. 4 ins.	11.68 M
BEAM	12 ft.	3.66 M
DRAFT	3 ft. 6 ins.	1.07 M

### Hull

A GRP Moulding by Halmatic Ltd. constructed under Lloyds supervision and supplied with a hull moulding release note. All tanks, main bulkheads and engine seatings are moulded to the hull. All inaccessible wood surfaces are treated with preservatives. All workmanship is in accord with best boatbuilding practices. All underwater skin fittings in Bronze are fitted with seacocks. All windows are of toughened glass. Colour of hull Nelson Blue.

### Main Deck & Superstructure

A GRP moulding by Halmatic Ltd. constructed under Lloyds supervision. Colour Nelson Blue. Superstructure sides White.

### Fuel Tanks

2 wing tanks aft. each 150 gallons 300 gallons

### Fresh water tanks

1 centreline tank of 100 gallons

### Forepeak

Approx. 3 ft. long at deck level.

### Forecabin

Approximately 7 ft. long entered through hinged door at after end. A Gebo or Canpa type hatch for ventilation/emergency escape is fitted in deck head.

2 full length berths port and starboard with 4" cushions. Two drawers and stowage beneath each berth.

Across the forward bulkhead there is a built-in dressing unit fitted with two cupboards and mirror.

Two hanging lockers complete with rail, 4 coat hooks and shelf. Access through hinged door.

Two berth lamps. One fluorescent light.

### Forward Toilet Compartment

Approximately 2'6" wide and stretching over width of craft this compartment is made from one piece GRP moulding and incorporates a wash-basin, shower and Lavac Toilet c/w necessary seacocks and pipework for inlet and discharge, shower sump with grating, H & C supply to washbasin and shower unit, with flexible head, two towel rings, one toilet pack holder, mirror. All doors to locker stowage faced in teak. Fitted with two fluorescent lights.

### Galley

Approximately 6'8" long, on the starboard side, immediately abaft the forward toilet compartment. A Gebo or Canpa type hatch for ventilation/emergency escape is fitted in deck head. Stainless steel sink and drainer with H & C taps, Calor Gas B700 cooker or similar, two rings, grill, oven and fiddle rail. Engel refrigerator. Working surfaces faced in melamine laminate, lockers below with teak doors and cutlery drawer.

A Vaillant Mag 125 AN Calor gas Multipoint water heater fitted, to supply galley and toilet compartment.

One fluorescent light.

Access to wheelhouse by teak steps.

### Saloon/Dining Area

Approximately 6'8" long, on the Port side, immediately abaft the forward toilet compartment. Fitted with shaped settee, 3" cushions and seat backs. A table is fitted which is adjustable to convert area into a berth if required. Table in teak. Storage lockers are fitted between seats and under side decks of boat.

Two fluorescent lights.

### Wheelhouse/Saloon

Approximately 9'4" long and fitted with the following:

Helmsman position on the Port forward side with Stainless wheel, engine controls, instrumentation, compass, echo sounder, and log.

L Shaped settee on the starboard side fitted with 4" cushions and tapered seat backs. Stowage under through lift off seat tops.

On Port side abaft helmsman position is a sliding wheelhouse door to main deck.

On Port side abaft door and extending to aft bulkhead is a drinks locker fitted with bottle and glass stowage, sliding door.

4 fluorescent lights.

All flooring fitted in easily removable sections, part hinged for easy access to engine rooms.

### Aft Cabin

Approximately 11' long entered through hinged teak doors and down teak steps. Contains two full length berths with 4" cushions (one each side) fitted with two drawers under each berth. Aft end between the berths is a dressing table and mirror. Lift out tray stowage.

Two berth lights. Two fluorescent lights.

Port forward side of this cabin are fitted three lockers running between floor and roof. One is fitted with shelves, the others are hanging lockers with rail and coathooks in each. Access to these lockers is through hinged louvred doors.

### Aft Toilet Compartment

Starboard, forward of aft cabin is fitted the toilet compartment approximately 3'8" long with access through hinged door.

The compartment is made from a one piece grp moulding and incorporates a washbasin, Lavac toilet with necessary seacocks and pipework, shower sump with drainage to central sump area with teak grating, H & C to basin and shower head, two towel rails one toilet pack holder, mirror.

All doors to locker storage areas are hinged and faced in teak.

One fluorescent light.

### Ventilation

Forward cabin	2 Tannoy static vents. 2 opening windows.
Forward toilet compartment	1 Tannoy Electric vent. 1 opening window
Galley	1 Tannoy Static vent. 1 opening window.
Saloon/Dining Area	1 Tannoy Static Vent. 1 opening window
Wheelhouse/Saloon	4 Static vents 3 opening windows 1 sliding opening window (aft)
Aft Toilet Compartment	1 Tannoy Electric vent. 1 opening window.
Engine Room	2 Extractor fans
Aft Cabin	2 Static Vent.

### Bilge System

Divided into three sections, fwd accommodation, engine room and aft accommodation. Each section is fitted with an electric 24 v automatic pump.

A Henderson diaphragm bilge pump complete with valve gallery to each compartment operated from dining area.

### Fresh Water System

Fresh water is piped to a 24v pressure pump and fed to galley, 2 toilet compartments, water heater and hot pipes.

### **Electrics**

One 24 volt system throughout for ship lighting and power.

8 x 6 volt batteries lead acid heavy duty of 180 amperes each installed in two banks of 4, set in fibreglass lined boxes with a paralleling switch.

One bank of batteries will start one engine and supply power for radar, radio telephone and electric winch if fitted.

### **Navigation Lights**

One pair port and starboard

One masthead anchor light

One steaming light.

One stern light.

### **Calor Gas**

2 x 10lbs Calor Gas Cylinders with regulators housed in GRP locker with overboard drain.

### **Steering**

Complete set Will-Ridley hand hydraulic steering gear, dual station with flexible piping and electric rudder angle indicator (mounted on inside position). Wheelhouse and flying bridge wheels to be stainless steel. The steering gear would be capable of a maximum rudder torque of 774 lbs and would require approximately  $5\frac{3}{4}$  turns of handwheel from hard over to hard over, a total rudder movement of  $70^{\circ}$  when coupled to a tiller of 7" radius.

Twin stainless steel flat spade type rudders with stainless steel stocks.

### **Sterngear**

Propellor shafts to be of stainless steel of adequate diameter to suit engine and gearbox installation running through laminated GRP sterntube fitted with inboard and outboard cutlass bearing, lubricated by water bleed off from engine and inboard stuffing box gland, through bronze propellor brackets fitted with rubber cutlass bearings and driving handed three bladed manganese bronze propellers.

### **Engines (212/180/250)**

2 Sabre Marine Diesel Engines, turbo charged and intercooled fresh water heat exchanger, raw water pump with intake fitting, heavy gauge chromed water piping rocker cover and top manifold pipe, 24v fully marinised starter and alternator, hydraulic reverse reduction gearboxes, stainless steel water injection exhaust elbow, chromium plated copper water outlet pipe and unit, flexible engine mountings, standard engine instrumentation. Dual station morse controls, engine alternators to feed batteries.

### **Deck Layout Fore and side**

A stainless steel pulpit fitted to bow, running from which are six 24" high S/S stanchions each side suitably spaced with top and central wire line.

On deck is a QOR anchor. Two S/S or Alloy bollards and one pair of Fairleads. A 9" cleat is positioned on each side of deck approx. amidships.

### **Openbridge/Sundeck**

This deck has the secondary steering position fitted with engine controls and compass. S/S stanchions are fitted around the deck perimeter with teak handrail and lower plywood combing.

2 Storage lockers

2 Aluminium Alloy Bollards

One pair Fairleads.

### **Decor**

Flotex carpet fitted throughout to owner's choice of pattern from standard range.

Curtains, pelmets and track fitted throughout to owner's choice. (provisional amount of £100 allowed).