



PHANTOM FAST RESCUE DAUGHTER CRAFT

Introduction

The Delta Phantom is an Inherently self-righting buoyant fendered diesel stern drive fast rescue daughter craft with GRP Hull and aluminum superstructure

Key Characteristics

Certifications

MCA UK Load line Exemption,
MCA CAT 2 & 3 Coding

Beam overall

3.30 m

Internal length

9.1 m

Internal beam

2.57 m

Weight Unladen

5200 kg (100% Fuel)

Weight laden

5795 kg (100% Fuel, 3 Crew)

Engines

2x Yamaha 422 Sti

Power

245 Hp (183 KW) @ 3800 rpm

Stern Drive

Yamaha Hydra drive

Max Speed

38 knots

Cruise Speed

26 knots

GRP Hull

The GRP construction is by hand lay methods using Lloyds approved materials throughout

Hull GRP Typical Physical Properties:

- Thickness 11.5 mm
- Weight 11.25 kg/m²
- Density 1010 kg/m³
- Stiffness 784 x(10)³ n/mm²

Bending moment in failure

- Topcoat 4067 n/mm
- Gelcoat 3149 n/mm

Accommodation

The wheelhouse has two main areas; a forward survivor cabin with secure seating for eight personal and the main cabin with three crew positions and bench seats for four personal, heating and ventilation is provided, Helm Position has two large forward screens, large side screens and overhead roof windows.

Electrical Systems

The Craft operates on a 12V DC system running off two independent battery banks each battery consist of two 12V/102ah Ac Delco

Equipment Inventory

- Searchlight
- Radar
- Radar Reflector
- VHF Radio
- GPS
- Loudhailer
- Bilge Pumps
- Navigation Lights
- Working Lights
- Interior Lights
- Emergency Lights
- Emergency Power

Safety

- 2x Lifebuoys
- 2x red rocket parachute flares
- 2x red hand flares
- 2x buoyant smoke signals
- 2x portable fire extinguisher
- 2x fixed automatic engine compartment fire extinguisher
- 1x fire blanket
- 1x fire bucket with Layard
- 1x sea anchor
- 1x portable searchlight
- 1x overside recovery cradle
- 1x first aid kit
- 1x tow rope
- 1x sound signaling device
- 1x pair of paddles

