

**Technical Specification**  
**Phantom Fast Rescue Daughter Craft Scuba Replacement Unit**



**Type:**

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

**Certifications:**

MCA UK Load line Exemption

MCA CAT 2 & CAT 3 Coding

Diving Equipment Maintained and Certified according to IMCA D018

**Principle Data:**

|                        |                                    |
|------------------------|------------------------------------|
| <b>Length overall</b>  | <b>10.20m</b>                      |
| <b>Beam Overall</b>    | <b>3.30m</b>                       |
| <b>Internal Length</b> | <b>9.10m</b>                       |
| <b>Internal Beam</b>   | <b>2.57m</b>                       |
| <b>Weight UnLaden</b>  | <b>5200Kg ( 100% Fuel )</b>        |
| <b>Weight Laden</b>    | <b>5795Kg ( 100% Fuel, 3 Crew)</b> |
| <b>Engines</b>         | <b>2 x Yamaha 422Sti</b>           |
| <b>Power</b>           | <b>245Hp ( 183KW) @ 3800 rpm</b>   |
| <b>Stern Drive</b>     | <b>Yamaha Hydra drive</b>          |
| <b>Max Speed</b>       | <b>38 Knots</b>                    |
| <b>Cruise Speed</b>    | <b>26 Knots</b>                    |

**GRP Hull :**

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

**Hull GRP Typical Physical Properties :**

|           |   |
|-----------|---|
| Thickness | 11.5 mm                                   |
| Weight    | 11.25 Kg/m <sup>2</sup>                   |
| Density   | 1010 Kg/m <sup>3</sup>                    |
| Stiffness | 784 x (10) <sup>3</sup> n/mm <sup>2</sup> |

**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

**Scuba Replacement Unit Equipment List**

- 1 x Portable divers supply panel and radio.
- 3 x 'T' Cylinders H.P. air.
- 2 x 200 ft. umbilicals
- 1 x VHF radio with sufficient range to meet 4.3 ii)
- 2 x KM 17 or 27
- 1 x KMB 18
- 2 x sets divers personal equipment.
- 1 x first aid kit
- 1 x set air dive / in water decompression tables
- 1 x radar reflector
- 2 x gallons fresh water
- 2 x outboard engines
- 2 x fuel tanks - 25 litre capacity
- Securing chains for engines and tanks.
- 200 ft. ½" polypropylene rope.

- **2 x divers torches**
- **2 x divers arm strobes**
- **1 x rigid 'A' flag**
- **Sufficient life jackets for all crew**
- **2 sets paddles**
- **1 x bailer**
- **1 x watertight container with emergency pyrotechnics**

#### **Safety**

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

DELTA Phantom Fast Rescue Daughter Craft SRP – Abridged Technical Specifications

