

The Pacific 24 Mk IV is a single point, davit-launched seaboot and SOLAS (Safety of Life at Sea) fast rescue craft

# Pacific 24 Mk IV

## Rigid Inflatable Boat

The Pacific 24 is proven in service with the UK Ministry of Defence and police, and overseas military and government organisations, further strengthening our position as designers and builders of the world's most technically advanced rigid inflatable boats (RIBs).

The Pacific 24 Mk IV is a versatile craft that offers a multi-role capability to all users. It features an electronic self-diagnostic diesel engine, with capsizing capability, which improves fuel consumption and noise attenuation. The craft is also equipped with shock-absorbing seats to reduce crew fatigue, which can extend the length of deployment by up to six times. Composite materials and a lighter engine have helped reduce the weight of the craft to preserve its maximum speed of 38 knots.

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### Machinery

- 1 x inboard electronic self-diagnostic diesel engine fitted with capsizes equipment which resets on self-righting, improving fuel efficiency and noise attenuation
- 1 x waterjet with turbo impeller

### Systems

- Electrical and manual bilge-pumping system with high water-level bilge alarm.
- Fuel contained in flexible, foam-filled under-deck tank, fitted with digital remote reading gauge and manual shut-off.
- Access to tank through waterproof deck hatches.
- Water separator/primary filter within engine compartment.
- Engine cooling water taken through a hull fitting via a filter directly to the engine. Dry-running ability allowing engines to be started on davits or out of the water.
- Fire detection and suppression systems with visual/audible display on console.
- Choice of communication and navigation systems.

### Internal fit-out

- Control console with integrated digital display units, emergency engine 'kill' switch, navigation equipment and steering wheel.
- Hinged engine cover with baffled vent ducting fitted with fire flap and fire extinguisher injection port.
- Hand-held fire extinguishers.
- Single-point lifting hook (Henriksen HMK3.5 or similar).

### External fit-out

- 'A' frame aft-fitted with capsizes reversal system, navigation lights, antenna and lightweight composite inflation canister .
- Stern crash protection bar.
- Towing point on transom and towline system at bow.

- Deck drains through transom.
- 8 x shock mitigating seats - reducing crew fatigue levels and improving safety at sea.
- Provision for SOLAS stretcher.

### Inflatable compartmented collar

- Heavy-duty collar constructed from Hypalon composite tube of 500mm diameter.
- Seven compartments, each with relief valve. Collar fitted with solid neoprene cladding, lifelines, paddle stowage, stowage pouches, reflective patches and bow towing eye.
- The use of a 'wineglass' rail system means the collar is easily removable.
- Tow-line release painter and toggle.

### Electrical

- SOLAS beacon.
- Marine VHF coastguard radio with DSC module.
- Navigation lights.
- Magnetic compass .
- Shore supply socket on engine box for block heater/ battery charging.
- Twin batteries stowed under forward crew seats with charge splitter from engine alternator (60A).
- Batteries can be parallel-connected for emergency engine-starting.
- Two 12v DC watertight sockets on console and one in the forward deck area.
- Console fitted with waterproof circuit breakers and instrumentation to IP65 .
- Blue flashing beacon on 'A' frame. Portable waterproof searchlight 12v/55w.
- Solid state engine diagnostic and maintenance capability.
- Compatible with G-Sense data capture module.

### Construction

Lightweight, carbon/e-glass epoxy resin-infused and fire-retardant hull and deck construction.

### Facts and figures

Length	7.8 metres
Beam	2.6 metres
Draught amidships	0.55 metres
Typical maximum speed	38 knots
Safety of life at Sea FRC certified*	

\*also available non-SOLAS certified

### Through-life support

BAE Systems' Boats offers through-life support for all its products, with technicians available for support worldwide and bespoke training packages offered.



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