

Multirole Diving & Rescue Bell (MDRB)

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OVERVIEW

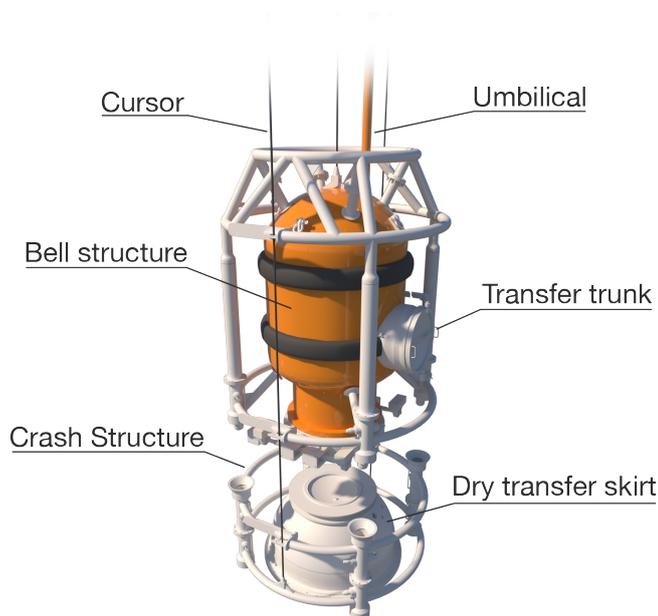
JFD is pleased to introduce a new multirole capability that offers a deep-sea saturation diving capability and a submarine rescue capability.

This solution is designed for nations who operate smaller submarines, face specific environmental conditions, or wish to have a multirole capability to increase utilisation of their assets.

ISSUE

Today there are submarine rescue systems and saturation diving systems, which serve different purposes. However, they both share a common goal in transportation of people into and out of deep water from their respective Mothership (MOSHIP).

For some nations it is desirable to keep these capabilities separate. For other nations, who may have limited resources and assets, a multirole capability offers significant advantages.



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DESIGN AND SPECIFICATION

JFD has combined its advanced saturation diving bell systems with its submarine rescue systems to realise the Multirole Rescue and Diving Bell (MRDB). Featuring a new design (Patent Pending) to attaching to a submarine and bringing rescues back to the MOSHIP.

The design of the Transfer Under Pressure / Decompression chamber can be customised to the needs of the customer (considering both submarine rescue and saturation diving).

Specification:

- **Crew:** three-person dive team or six rescuees (plus one rescuee attendant)
- **Saturation Diving:** up to 350msw
- **Submarine Rescue:** up to 610 msw, 5 bar max. internal
- Modular/removable installation options
- Deck side chambers modular and expandable

BENEFITS

- Delivers a saturation diving capability for a range of undersea missions
- Delivers a submarine rescue capability to respond to a DISSUB incident
- Increased utilisation of assets
- Reduced cost when compared to separate systems

MULTIROLE CAPABILITIES

This system serves to support with the following multirole capabilities:

- Submarine Rescue
- Saturation Diving
- Critical Underwater Infrastructure (CUI) monitoring and protection