

James Fisher
Subtech



Portable HRF

(Hyperbaric Reception Facility)

Expertise for
the **extremes**

Introduction

James Fisher Subtech (JF Subtech) is pleased to announce that it can now offer clients access to an IMCA compliant 18-man Portable Hyperbaric Reception Facility (HRF) to accommodate divers evacuated from a diving system by means of a Self Propelled Hyperbaric Lifeboat (SPHL) or Hyperbaric Rescue Chamber (HRC). The HRF system is Lloyds classed, and meets all current IMCA guidelines.

The HRF is designed to mate to a recovered SPHL or HRC allowing the divers to transfer under pressure to the HRF chamber for decompression.





Description

DDC1 (12.17m (L)) is a twinlock skid mounted and enclosed saturation living chamber consisting of the main lock (ML) and entry lock (EL). DDC1 has a depth capacity of 300m and allows habitation for up to 18 rescued divers and a medical attendant if required.

Weight:

- 40ft flat rack with DDC: 32te
- Control Cab Container: 12te

Configuration

The HRF system is designed to be mated to a bottom or side-mated SPHL, or a side-mated HRC. Possible configurations are shown below.

JF Subtech's affiliate James Fisher Defence holds Lloyds approved forging and plate in stock to allow suitable spoolpieces and clamps to be rapidly fabricated to suit clients particular hyperbaric evacuation chambers.

- Chamber designed under PD5500 pressure vessel design code, and manufactured under full Lloyds survey
- Viewports designed and certified to ASME PVHO-1-2007
- Full Lloyds design review and manufacture certification
- Compliant to IMCA D024 Design for Saturation Diving Systems

- Compliant to IMCA D053 Design for the hyperbaric reception facility (HRF) forming part of a hyperbaric evacuation system
- Full system certification and manual package
- All electrical wiring to Australian Standards

Transportability

The control container is a DNV 2.7-1 offshore rated container. The chamber is mounted in a 40ft modified ISO flatrack for ease of transportation.

System components

The scope of supply includes:

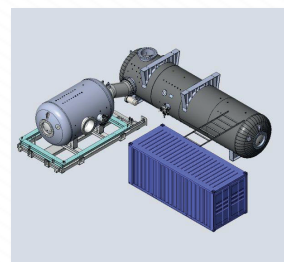
- HRF Chamber and flatrack skid fully outfitted
- HRF Control van complete
- Interconnecting hoses and cables
- Certification and manual package



Control Room



Chamber Interior



Side mate HRC



Bottom mate SPHL



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