



Factual Statement of Pressure Testing of Decompression Chamber

Office: **Newcastle Upon Tyne**

Date: **17 May 2022**

This Statement is issued to Submarine Manufacturing and Products (SMP) Ltd, to confirm that the undersigned surveyor did attend at Hartlepool Marina on board DSV Curtiss Marshall IMO 9775012 on, 05th May 2022, in order to carry out surveys as described below:

Description:	1 off – 60” Shortened SMP hyperbaric chamber. (Fabricated as per PD 5500: 2009 CAT 1 Pressure Equipment Directive 87/23/EC Mod G). Pressure Chamber fabricator: Submarine Manufacturing and Products Ltd. Comprising 1 x Main lock, Entry Lock and Medical Lock. De-rated from 10 Barg to Maximum Allowable Operating pressure 7barg (Hydro Test Pressure 7.7 Barg). Operating Temp Range -10°C to +50°C
Identification:	Chamber Serial No: Serial number IT8412 Year of Build: 2012 Design Pressure: 10 Bar (G) Type: CAT 1
Document Review & Examination	Internal and external General Visual Inspection (GVI) of the chambers and fittings. Internal and external fittings and penetration through the pressure hull found in good condition. No visible sign of deformation and corrosion noted. Document review of the Stanley plastic certification records for the acrylic viewports completed and following noted: 145 Psi / -10°C to +50°C/PVHO/SP/39317/22 Fitted 04 May 2022 (Manufactured 12 April 2022). Ref Stanley Plastic (23954) 145 Psi / -10°C to +50°C/PVHO/SP/39317/22 Fitted 04 May 2022 (Manufactured 12 April 2022). Document review of the gauge calibration record reviewed and found to be in date. Main depth gauge S/N 75842-22-09, 14 th January 2022. Entry lock gauge S/N 83258-18-12, 14 th January 2022. Medical lock depth gauge S/N 27933 – 857/01, 14 th January 2022.
Pressure testing	Internal pneumatic over pressure test was completed as per procedure SMP-HPTP-001 Rev 2 at 77 meters Seawater (1.1 x MSW) for 30 minutes, to Main lock, Medical lock and Entry lock as follows: Main lock shut, medical open & entry to main chamber access shut. Entry lock with doors to each main chamber (either side) closed. Entry lock to main lock open, medical outer open. Main chamber door open x 01 entry lock, medical lock inner door closed and outer door open.
Other	Complete renewal 10 yearly PVHO. Safety interlocking devices for medical lock demonstrated satisfactorily.
Conclusion	On the basis of the surveys now done it is considered that the PVHO's as found and listed above have been installed and tested accordance with the requirements of the applicable section of the IMCA code of Practice on the Periodic Examination of Testing of Diving Plan and Equipment

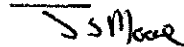
Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

Guidance Note No: IMCA D018 Rev.2.1. March 2022.

On completion of testing the chamber was stamped with the new maximum working pressure along with "PRJ11100366198".

This factual statement is not issued for the purpose of periodical Classification survey of the diving system installed on board the vessel.

Newcastle Upon Tyne



JON S MOORE
Surveyor to Lloyd's Register EMEA

a member of the Lloyd's Register group.