



## Planned Maintenance Information

### 54" Divers Decompression Chamber

<b>SADS ID:</b> SADS/DSV/DDC	<b>Serial No:</b> IT8412	<b>Item Location:</b> DSV CURTIS MARSHALL
<b>Type:</b> 60" Chamber	<b>Make:</b> SMP	<b>External Checks</b>

Ref	Task No.	Maintenance Guide	Frequency
A			Monthly
	1	General visual check / use DDC Checklist to ensure integrity of system	
	2	Operate all sprung loaded, needle and quarter turn valves. Clean and lubricate with <b>silicon grease</b> only	
	3	Examine all pipework and hull penetrators for damage / corrosion	
	4	Examine medical lock 'O' ring seal for damage, clean and lubricate seal face and seating recess with <b>silicon grease</b> only	
	5	Operate medical lock door mechanism and interlocks. Clean and lubricate with <b>silicon grease</b> only. Adjust if necessary	
	6	Clean medical lock internally with soapy water and dry thoroughly with clean cloth	
	7	Check all electrical cables, fittings and connections for damage and corrosion	
	8	Pressure up to 165 fsw and leak test with bubble solution. Pay particular attention to viewports and fittings etc	
	9	Check chamber H.D. bolts / welds for security or defects	
	10	Examine chamber structure ( especially the skid / feet ) for corrosion. Clean and repaint where necessary using fire-retardant paint	
	11	Examine outer shell insulation ( if fitted ) for damage and repair as necessary	
	12	Ensure all penetrator and valve / function labels are in place and legible	
	13	Clean down entire outer shell with soapy water and dry with clean cloths where applicable	
	14	Examine all electrical connections for corrosion. Remove covers whenever necessary	
	15	Thoroughly clean view-ports with soapy water, clean off any excess paint with wooden scraper, being careful not to scratch glass	
D			6 Monthly
	17	Perform continuity, insulation and earth tests on all electrical equipment and record	
	18	Pressure up chamber to full working depth and check for leaks at all penetrators, ports, hatches etc using bubble solution ( if not carried out during the normal course of	

		operations )	
	<b>19</b>	Check / calibrate accuracy of all depth gauges with master gauge	
<b>E</b>			<b>Two Yearly</b>
	<b>20</b>	Check / calibrate Gas Supply Pressure Indicating Gauges	
	<b>21</b>	Check / calibrate Pressure Relief Valves	
<b>REMEMBER TO UPDATE ALL RELEVANT FOLDERS</b>			
<p><b>Notes :</b></p> <ol style="list-style-type: none"> <li><b>1. Provision and Use of Work Equipment Regulations 1998 Apply</b></li> <li><b>2. HSE Diving Information Sheet ( DVIS 4 ) Number 4 Applies</b></li> <li><b>3. Viewports may require changing every 10 Years</b></li> </ol> <p><b>WARNING: COMPRESSED GAS.</b> During routine maintenance ensure precautions are taken when using HP/LP gases. Wear all relevant PPE. If unsure DO NOT proceed. Seek advice from experienced personnel.</p>			