

## 6 MONTHLY VISUAL INSPECTION & FUNCTION CHECK

Doc Ref: SADS-IMS-FM-93  
Issue 01  
Issue Date: 18/06/2020  
Issued By: P. Curtis

|                  |                       |
|------------------|-----------------------|
| ITEM DESCRIPTION | DSV Dive Control Unit |
| ITEM LOCATION    | DSV Curtis Marshall   |
| SADS ID          | SADS/DSV/DC/01        |
| Cert No          | DSV/DC/6M/10          |

| Item Description                       | SADS ID                                         | Visual/Function Check Info                                                                                                                                                | Defects or Notes             | Tech Initial |
|----------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------|
| Electrical Power Supply                | DSV/DC/ELEC/01                                  | Visually examine for any signs of damage to power leads, distribution box, components, or wiring.                                                                         | IMCA<br>D018 Ref<br>11       | DZ/DC        |
| Power Supply Unit                      | DSV/DC/PSU/01                                   | Run up, cut main power and function check UPS, ensure all connected appliances are powered: <b>Note time in PMS</b>                                                       | IMCA<br>D018 Ref<br>11       | DZ/DC        |
| Uninterrupted Power Supply's           | DSV/DC/UPS/01<br>DSV/DC/UPS/02<br>DSV/DC/UPS/03 | Run up, cut main power and function check UPS, ensure all connected appliances are powered.                                                                               | IMCA<br>D018 Ref<br>11       | DZ/DC        |
| Divers TV Monitoring                   | DSV/DC/TVM/01<br>DSV/DC/TVM/02<br>DSV/DC/TVM/03 | Visual & Function test ensure operating correctly                                                                                                                         | IMCA<br>D018 Ref<br>11       | DZ/DC        |
| Deck TV Monitoring                     | DSV/DC/TVM/04                                   | Visual & Function test ensure operating correctly                                                                                                                         | IMCA<br>D018 Ref<br>11       | DZ/DC        |
| Data Video Hard Disc Recorders         | DSV/DC/HDR/01<br>DSV/DC/HDR/02<br>DSV/DC/HDR/03 | Visual & Function test, test recording including video overlay, ensure disc caddy's free from damage.<br><b>New units fitted Feb 2024</b>                                 | IMCA<br>D018 Ref<br>11       | DZ/DC        |
| Hard Disc Recorder                     | DSV/DC/HDR/04                                   | GVI only                                                                                                                                                                  | IMCA<br>D018 Ref<br>11       | DZ/DC        |
| Diver's Surface Control Unit           | DSV/DC/SCU/01<br>DSV/DC/SCU/02                  | Visual & Function test ensure operating correctly                                                                                                                         | IMCA<br>D018 Ref<br>11       | DZ/DC        |
| Video Distribution Amplifiers          | DSV/DC/VDA/01<br>DSV/DC/VDA/02<br>DSV/DC/VDA/03 | Visual & Function test ensure operating correctly<br><b>New units fitted Feb 2024</b>                                                                                     | IMCA<br>D018 Ref<br>11       | DZ/DC        |
| Diver's Communications                 | DSV/DC/COM/01<br>DSV/DC/COM/02<br>DSV/DC/COM/03 | Visual & function check ensure back up supply is charged and working<br>Check diver 1&2 unit speaker<br>Check headphone function<br>Check record function (if applicable) | IMCA<br>D018 Ref<br>6 and 11 | DZ/DC        |
| Deck Communications DC to Bridge Comms | DSV/DC/COM/04                                   | Visual examination & function check                                                                                                                                       | IMCA<br>D018 Ref<br>6 and 11 | DZ/DC        |
| Video Splitter                         | DSV/DC/VS/01                                    | Visual examination & function check                                                                                                                                       | IMCA<br>D018 Ref<br>11       | DZ/DC        |



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|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------|-------|
| Redundancy Switches                                                     | DSV/DC/RDS/1-3                                                                                     | GVI and function by removing UPS power input                                                      | IMCA D018 Ref 11   | DZ/DC |
| Dive Panel Pipe Work, Valves fittings                                   | DSV/DP/PW/01<br>SADS-LPW-29<br>SADS-LPW-30<br>SADS-LPW-31<br>SADS-LPW-32                           | Visual examination and ensure all valves operate smoothly                                         | IMCA D018 Ref 24.1 | DZ/DC |
| PRV's                                                                   | DSV-DP-PRV-01<br>DSV-DP-PRV-02<br>DSV-DP-PRV-03<br>DSV-DP-PRV-04<br>DSV-DP-PRV-05<br>DSV-DP-PRV-06 | Visual examination and leak test                                                                  | IMCA D018 Ref 24.3 | DZ/DC |
| Dive Panel Regulators                                                   | DSV/DP/REG/01<br>DSV/DP/REG/02<br>DSV/DP/REG/03<br>DSV/DP/REG/04<br>DSV/DP/REG/05<br>DSV/DP/REG/06 | Visual examination.                                                                               | IMCA D018 Ref 24.1 | DZ/DC |
| Divers Depth Gauge (Pneumo)                                             | DSV-DP-DG-01<br>DSV-DP-DG-02<br>DSV-DP-DG-03                                                       | Check Calibration Certificate is in date and available to view                                    | IMCA D018 Ref 18   | DZ/DC |
| Umbilical Pressure Indicating Gauge – Life Support                      | DSV-DP-SG-01<br>DSV-DP-SG-02<br>DSV-DP-SG-03                                                       | Last gauge in supply system.                                                                      | IMCA D018 Ref 19   | DZ/DC |
| Indicating Gauges                                                       | DSV/DP/SG_04-18                                                                                    | Visual examination for damage ensure gauge is operating correctly                                 | IMCA D018 Ref 20   | DZ/DC |
| Dive Panel Analyser                                                     | DSV/DP/AN/01<br>DSV/DP/AN/02<br>DSV/DP/AN/03                                                       | Visual examination & function test fit new cell if required<br>New sensors fitted to all 10.06.20 | IMCA D018 Ref 2    | DZ/DC |
| Fire Extinguishers (outside entrance door)<br>3L Foam (7)<br>2L CO2 (8) | Boat cert                                                                                          | Visual examination, check seal intact and correct pressure.                                       | IMCA D018 Ref 16   | DZ/DC |

Once completed return to Document Controller to be uploaded and filed

|                    |                           |                |                             |
|--------------------|---------------------------|----------------|-----------------------------|
| DATE OF INSPECTION | 15 <sup>th</sup> Oct 2024 | NEXT DUE DATE: | 14 <sup>th</sup> April 2025 |
|--------------------|---------------------------|----------------|-----------------------------|

TECHNICIAN NAME: Dan Zapalski/Derek Curtis

TECHNICIAN SIGNATURE: 

