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| **EMERGENCY LIFE RAFT ASSY ANNUAL INSPECTION**  |
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| **Description** | **P/N** | **S/N** | **D.O.M** |
| Left-hand life raft assembly |  |  |  |
| Life raft assembly |  |  |  |
| Reservoir assembly |  |  |  |

**COMPONENT DETAIL:**

|  |  |  |  |
| --- | --- | --- | --- |
| Cylinder Last Hydro Date  |  | Pressure |  |

**WARNINGS****• The life raft surface is easily damaged by sharp or abrasive object. Do not use pointed or sharp edges tools when you touch or move the life raft. Do not put the life raft on surfaces which have sharp edges or abrasive objects. Do not wear clothes that can damage the life raft fabric.** **• Be careful not to pull the control cable. The high pressure in the charge vessel can possibly cause a fire of the subsystem. Also the leak of the high pressure gas can cause injury to the personnel.** **Caution****Only approved persons are permitted to do this procedure.** |  |  |  |
| **1. LIFE RAFT CONTAINER (LEFT/RIGHT) – DISASSEMBLE PROCEDURE** |
| 1.1 | I.A.W AW139 AMP 39-A-25-62-07-00A-530A-K.Life raft assembly - Disassemble proceduresRemarks:   |  |  |  |
| **2. LIFE RAFT (LIFE RAFT CONTAINER) – DETAILED INSPECTION** |
| 2.1 | I.A.W AW139 AMP 39-A-25-62-07-02A-31AA-K.Life raft assembly – Detailed inspection proceduresRemarks:   |  |  |  |
| 2.2 | Examine the pressure gauge window on the life raft container. Make sure that the pressure gauge window is in the good condition and it is fully transparent. Do this check with the Light source . If you find that the pressure gauge window is not in the good condition or not fully transparent, replace it. To do this, refer to data module **39-A-25-62-07-03A-921A-K.**Remarks:  |  |  |  |
| **3.** **LIFE RAFT (LIFE RAFT CONTAINER) – LEAK CHECK** |
| 3.1 | I.A.W AW139 AMP 39-A-25-62-07-02A-364A-K.Life raft assembly – Leak check proceduresRemarks:  |  |  |  |
| 3.1a | **Transfer Valve Pressure Test :**

|  |  |
| --- | --- |
|  | **OPENING VALVE** |
| **Upper Tube** |  |
| **Lower Tube** |  |

**Note :****Make sure that the air pressure that you recorded is not more than 5.7 kPa (0.82 lbf/in2).** Pass ( ) Fail ( )Remarks:  |  |  |  |
| 3.1b | **Perform Air Retention Test Stabilizing**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Period** | **Pressure (PSI)** | **Ambient Temperature (°C)** | **DATE / TIME** |
| UPPER | 30 Minutes | 2.0 | Start | Stop |  |
|  |  |
| LOWER | 30 Minutes | 2.0 | Start | Stop |  |
|  |  |

Pass ( ) Fail ( )Remarks: **Note :****Do the air pressure check again if the ambient temperature changes more than 3.5 °C (38 °F) during the given time above.** **If the air pressure change is more than 1.2 kPa (0.2 lbf/in2), send the life raft to the Manufacturer for a most accurate leak check and subsequent repair.** |  |  |  |
| 3.1c |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Period** | **Pressure (PSI)** | **Ambient Temperature (°C)** | **DATE / TIME** |
| UPPER | 01 Hour | Start | Stop | Start | Stop |  |
|  |  |  |  |
| LOWER | 01 Hour | Start | Stop | Start | Stop |  |
|  |  |  |  |

Pass ( ✓ ) Fail ( )**Note :****If the air pressure change is more than 1.2 kPa (0.2 lbf/in2), send the life raft to the Manufacturer for a most accurate leak check and subsequent repair.**Remarks: SATIS |  |  |  |
| 3.1d | **Check non‐return transfer valve :**

|  |  |
| --- | --- |
| **Upper Tube** |  |
| **Lower Tube** |  |

Pass ( ) Fail ( )Remarks:  |  |  |  |
| 3.1e | **Check of Relief Valve :**

|  |  |  |
| --- | --- | --- |
|  | **VALVE 1 ( UPPER )** | **VALVE 2 ( LOWER )** |
| **OPENING VALVE** |  |  |
| **CLOSING VALVE** |  |  |
| **RESULT** | **Pass Fail****( ) ( )** | **Pass Fail****( ) ( )** |

Pass ( ) Fail ( )Remarks:  |  |  |  |
| **4.** **PERSONAL LOCATOR BEACON (LIFE RAFT CONTAINER) – BIT OPERATION ( CREW )** |
| 4.1 | I.A.W AW139 AMP 39-A-25-62-07-01A-343A-K.Life raft assembly – Bit operation (crew) Remarks : N/A ( ) |  |  |  |
| 4.1a | **PERSONAL LOCATOR BEACON**

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| --- |
| **PERSONAL LOCATOR BEACON** |
| **PLB P/N :** |  |
| **PLB S/N :** |  |
| **PLB BATTERY** |
| **Battery P/N :** |  |
| **Battery BATCH NO :** |  |
| **Battery DOM :** |  |
| **Battery Exp :** |  |
| **HEX ID (15) :** |  |

Remarks : N/A ( ) |  |  |  |
| **5. LIFE RAFT (LIFE RAFT CONTAINER) – UNFOLD / FOLD PROCEDURES** |
| 5.1 | I.A.W AW139 AMP 39-A-25-62-07-02A-91LA-K.Life raft assembly – Unfold / fold proceduresRemarks:  |  |  |  |
| **6. PRESSURE GAUGE WINDOW (LIFE RAFT CONTAINER) – REPLACEMENT (REMOVE AND INSTALL A NEW ITEM)** |
| 6.1 | I.A.W AW139 AMP 39-A-25-62-07-03A-921A-K.Life raft assembly – Replacement (remove and install a new item)Remarks: N/A ( )   |  |  |  |
| **7. OSMOSIS PUMP (LIFE RAFT CONTAINER) – CLEAN WITH CHEMICAL AGENT** |
| 7.1 | I.A.W AW139 AMP 39-A-25-62-07-04A-251A-K.Life raft assembly – Clean with chemical agentRemarks:  |  |  |  |
| **8. REPLACEMENT PARTS** |
| 8.1 | Fill in Appendix 1 for replacement of parts.Remarks: N/A : ( ) |  |  |  |
| **9. F.O.D INSPECTION** |
| 9.1 | Perform FOD inspection.Remarks:  |  |  |  |
| **10. LIFE RAFT CONTAINER (LEFT/RIGHT) – ASSEMBLE PROCEDURE** |
|  | **CAUTIONS:*** **Only approved persons are permitted to do this procedure.**
* **You must do the operations that follow in a clean and dry area. The worktable must be of sufficient dimensions. Its bottom must be smooth and has sufficient protections for the floatation bag.**
* **Be careful not to put unwanted objects on the fabric parts of the life raft.**
* **Do not put liquids or unwanted material as solvents or greases on the worktable.**
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| 10.1 | **SURVIVAL KIT RECORD**

|  |  |  |
| --- | --- | --- |
| **DesCRIPTION** | **D.O.M** | **EXPIRY** |
| WATER |  |  |
| FLARE |  |  |
| ANTI SEASICKNESS |  |  |
| FIRST AID KIT |  |  |
| TORCH |  |  |
| BATTERY (RB2) |  |  |
|  |
| **REVERSE OSMOSIS PUMP** |
| P/N : SURVIVOR 06  |  |

Remarks:  |  |  |  |
| 10.2 | I.A.W AW139 AMP 39-A-25-62-07-00A-710A-K.Life raft assembly - Assemble proceduresRemarks:   |  |  |  |
| 10.3 | I.A.W AW139 AMP 39-A-25-62-07-02A-91LA-K.Life raft assembly – Unfold / fold proceduresRemarks:  |  |  |  |
| **11. JOB COMPLETION** |
| 11.1 | Issue CAAM Form 1.Remarks: - N/A : ( ) |  |  |  |

**APPENDIX 1**

|  |  |  |  |  |  |
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| **ITEM REF.** | **PART NO.** | **DESCRIPTION** | **SERIAL NO.** | **APPROVED CERT NO.** | **QTY** |
| **ON**  | **OFF** |
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TABLE 1: PART/COMPONENT REPLACEMENT DETAILS