**MOORING ROPE TAILS – INSPECTION RECORD**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Vessel:** |  | **Certificate No:** |  | | **MBL/ TDBF:** |  | **Installation Date:**  **(dd/mm/yy)** |  |
| **Maker Name:** |  | | **Location:** |  | **Type/ Size/ Diameter of Rope:** | |  | |

| **Types of Damage** | **Findings** | | **Findings** | | **Findings** | | **Findings** | | **Findings** | | **Findings** | | **Findings** | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Yes** | **No** | **Yes** | **No** | **Yes** | **No** | **Yes** | **No** | **Yes** | **No** | **Yes** | **No** | **Yes** | **No** |
| **D-01 Fiber Abrasion – Cyclic Tension** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **D-02 Inter-Strand Abrasion** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **D-03 Matted Internal Yarns** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **D-04 Uniform Surface Abrasion** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **D-05 Extensive External Abrasion** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **D-06/07 Localized External Abrasion** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **D-08 Burn and Melting from External Abrasion** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **D-09 Cutting Pulled Strands and Yarns** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **D-10 Pulled Strand in 8 Strand Rope** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **D-11 UV (Sunlight) Degradation of Polypropylene Rope** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **D-12 Excessive Dirt and Grit** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **D-13 Excessive tension/ Shock loading** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **D-14 Chemical and Heat Degradation** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **D-15 Flex Fatigue – Pulleys, Rollers, Chocks, Fairleads, Blocks** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Accumulated hours of actual usage** |  | |  | |  | |  | |  | |  | |  | |
| **Total Calendar time in use** |  | |  | |  | |  | |  | |  | |  | |
| **Accepted/Rejected** |  | |  | |  | |  | |  | |  | |  | |
| **Remarks** |  | |  | |  | |  | |  | |  | |  | |
| **Date of Inspection** |  | |  | |  | |  | |  | |  | |  | |
| **Signature of Inspector** |  | |  | |  | |  | |  | |  | |  | |

**Notes:**

* **Please refer to SMS Vol 25 Chapter 25 Annex A for Mooring Rope Tails Inspection procedures. (Courtesy and extracted from “Cordage institute Guideline”). If any of the above defects are found, rope tail to be immediately removed from service and renewed.**
* **Rope tails are to be inspected prior to every use for defects.**
* **During long passages, rope tails are to be disconnected and rinsed with fresh water and stored away when dry from sun and heat.**
* **A set of inspection record and record of use are to be maintained for each rope tail.**
* **In any case the rope tails in use are to be renewed when their residual strength reaches 75% of the ship design MBL or every 18 months whichever is earlier**.