**MOORING WIRE ROPE – INSPECTION RECORD**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Vessel:** |  | **Certificate No:** |  | | **MBL/LDBF:** |  | **Installation Date:**  **(dd/mm/yy)** |  |
| **Maker Name:** |  | | **Location:** |  | **Type/Size/Dia. of Wire 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** |
| **Abrasion** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Corrosion / Dryness Internal or External** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Failure around Fairlead roller/closed chocks etc.** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Crushing** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Kinking, deformation** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Fatigue** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Stretch** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Reduction in rope diameter** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Broken wires at termination or localized** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Number and percentage of broken wires** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Accumulated hours of actual usage** |  | |  | |  | |  | |  | |  | |  | |
| **Total Calendar time in use** |  | |  | |  | |  | |  | |  | |  | |
| **Accepted/Rejected** |  | |  | |  | |  | |  | |  | |  | |
| **Remarks** |  | |  | |  | |  | |  | |  | |  | |
| **Date of Inspection** |  | |  | |  | |  | |  | |  | |  | |
| **Signature of Inspector** |  | |  | |  | |  | |  | |  | |  | |

**Notes:**

* **Please refer to Mooring Wire Rope inspection procedure in SMS and as provided by the manufacturer**
* **Mooring wires are to be inspected prior to every use for its condition.**
* **During long passages, wire rope should be covered and protected from sea spray and from sun.**
* **A set of inspection record and record of use are to be maintained for each wire rope in use**
* **Number of spare mooring wire rope onboard – 2 pcs.**