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| This report is the National Regulator’s preferred method for surveyors to record their initial and annual verifications of Low Density Flotation Material (LDFM) fitted to a domestic commercial vessel.  *Italicised* text indicates the applicable clause(s) of NSCV Subsection C6B. For further information and guidance refer to the *National Law - Marine Surveyors Accreditation Guidance Manual 2014* and DCV-ITS-017.  The completed report is to be submitted to the National Regulator and a copy must be retained by the surveyor for their records. It is not intended to be provided to the owner of the vessel. |

**Vessel details**

Vessel name Unique identifier

|  |  |  |
| --- | --- | --- |
|  |  |  |

Vessel owner Vessel builder

|  |  |  |
| --- | --- | --- |
|  |  |  |

Survey location Survey date

|  |  |  |
| --- | --- | --- |
|  |  |  |

Measured length *Lm* (m) Service category (class) e.g. 2C, 3B

|  |  |  |
| --- | --- | --- |
|  |  |  |
| Name of surveyor |  | Surveyor identification number |
|  |  |  |

| **Item** | **Description**  *(complete / tick as required*) | **Action carried out, initial and date** | | |
| --- | --- | --- | --- | --- |
| **Owner /**  **Builder** | **Surveyor** | **Surveyor comments & records** |
| LDFM foam requirement  (DCV-ITS-017) | Which standard or exemption is being used: | R | R |  |
| Form of LDFM  *(10.3.2.2 table 46)* | Block Foam  Poured expanding foam *(10.5)* | R | R |  |
| LDFM Flotation type  *(8.6 & 8.7)* (DCV-ITS-017) | Basic  Level | R | E, R |  |
| Proof of LDFM foam category  *(Annex F table F2)* | LDFM A  LDFM B  LDFM C | Provide | E, R |  |
| Evidence foam is compliant  *(Annex F Table 46)* | Foam manufacturers proof of compliance  e.g. test documentation | Provide | E, R |  |
| Quantity  *(8.6, 8.7, Annex C)* (DCV-ITS-017) | Proof of required quantity. Eg approved calculations / drawings, swamp test report. | Provide | V, R |  |
| Placement  *(10.4 Installation, Annex D)* | Proof of required distribution. Eg approved calculations / drawings, swamp test report | R | V, E, R |  |
| Secured & protected from abrasion / chemicals  (*10.3.2.2*) | Method used: | V | V |  |
| Encapsulated  (*10.2.3.2*) | Material used: | V | V |  |
| Fitted clear of hull plating  *(10.4.6)* |  | V | V |  |
| Water can quickly flow through the voids  *(Annex D4)* |  | V | V |  |
| Agreed 5 & 10 year inspection method for LDFM and hull structure.  *(10.4.6 Control of corrosion risk)* | If LDFM is not readily removable, the surveyors recommendation should outline the future inspection method e.g. borescope inspection at 5yrs, partial deck removal at 10yrs etc. | R | R |  |

***Key***

*E – Examine/Endorse Record*

*R – Record of item / specification*

*V – Verify Inspection*