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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

|  |  |  |
| --- | --- | --- |
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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** | **Survey checks** | **Y/N/NA** | **Surveyor comments & records** |
| --- | --- | --- | --- |
| LDFM foam requirement  (DCV-ITS-017) | Which standard or exemption is being used: | choose |  |
| Form of LDFM  *(10.3.2.2 table 46)* | Block Foam  Poured expanding foam *(10.5)* | choose |  |
| LDFM Flotation type  *(8.6 & 8.7)* (DCV-ITS-017) | Basic  Level | choose |  |
| Proof of LDFM foam category  *(Annex F table F2)* | LDFM A  LDFM B  LDFM C | choose |  |
| Evidence foam is compliant  *(Annex F Table 46)* | Foam manufacturers proof of compliance  e.g. test documentation | choose |  |
| Quantity  *(8.6, 8.7, Annex C)* (DCV-ITS-017) | Proof of required quantity. E.g. approved calculations / drawings, swamp test report. | choose |  |
| Placement  *(10.4 Installation, Annex D)* | Proof of required distribution. E.g. approved calculations / drawings, swamp test report | choose |  |
| Secured & protected from abrasion / chemicals  (*10.3.2.2*) | Securing and protection | choose | Method used: |
| Encapsulated  (*10.2.3.2*) | Encapsulation | choose | Material used: |
| Fitted clear of hull plating  *(10.4.6 & ITS-022)* | Clearance from hull plating | choose |  |
| Water can quickly flow through the voids  *(Annex D4)* | Drainage | choose |  |
| 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 surveyor’s recommendation should outline the future inspection method e.g. borescope inspection at 5yrs, partial deck removal at 10yrs etc. | choose |  |

**Design approval compliance**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Survey checks** | **Y/N/NA** | **Surveyor Comments/ drawing / document reference** |
| In accordance with approved plans | The vessel’s fire safety systems are constructed in accordance with the approved plans and design documentation. | choose |  |

**Surveyor’s declaration**

I declare that:

* I have conducted survey(s) as indicated, of the above mentioned vessel, in accordance with the applicable standards as set out in Marine Order 503 Certificates of Survey, and that to the extent evident from the inspection/s carried out I am satisfied that the vessel meets the standards.
* I consent to the Australian Maritime Safety Authority using and disclosing the information provided in this form for purposes associated with the administration of the Marine Safety (Domestic Commercial Vessel) National Law Act 2012.
* I understand and acknowledge that the Australian Maritime Safety Authority, as the National Regulator, may ask that I provide any information or document that the National Regulator reasonably considers necessary in relation to this recommendation.

Signature of surveyor Date

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