



SURVEY OF VESSELS FITTED WITH LOW DENSITY FLOTATION MATERIAL

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

Vessel owner

Survey location

Measured length L_m (m)

Name of surveyor

Unique identifier

Vessel builder

Survey date

Service category (class) e.g. 2C, 3B

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:		
Form of LDFM (10.3.2.2 table 46)	Block Foam Poured expanding foam (10.5)		
LDFM Flotation type (8.6 & 8.7) (DCV-ITS-017)	Basic Level		
Proof of LDFM foam category (Annex F table F2)	LDFM A LDFM B LDFM C		
Evidence foam is compliant (Annex F Table 46)	Foam manufacturers proof of compliance e.g. test documentation		
Quantity (8.6, 8.7, Annex C) (DCV-ITS-017)	Proof of required quantity. Eg approved calculations / drawings, swamp test report.		
Placement (10.4 Installation, Annex D)	Proof of required distribution. Eg approved calculations / drawings, swamp test report		
Secured & protected from abrasion / chemicals (10.3.2.2)	Securing and protection		Method used:

Item	Survey checks	Y/N/NA	Surveyor comments & records
Encapsulated (10.2.3.2)	Encapsulation		Material used:
Fitted clear of hull plating (10.4.6 & ITS-022)	Clearance from hull plating		
Water can quickly flow through the voids (Annex D4)	Drainage		
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.		

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.		

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