

PART A

CHAPTER 25

ANTI-FOULING SYSTEM

25.1 Legal Requirements

25.1.1 EU Regulation 782/ 2003 'on the prohibition of organotin compounds on ships' is directly applicable in all EU countries. This implements the International Convention on the Control of Harmful Anti-Fouling Systems on Ships.

25.1.2 The Merchant Shipping (Anti-Fouling Systems) Regulations 2009, SI 2009/2796, as amended, implement the EU Regulation and International Convention in the UK. Regulation 5 requires the survey and certification of certain ships. It does not apply to Floating Production and /or Storage Units (FPSUs).

25.2 Definitions

25.2.1 Definitions of terms relating to anti-fouling systems and surveys related to the issuance of an Anti-Fouling Certificate are described in SI 2009/2796, as amended.

25.3 Responsibility

25.3.1 This work has been delegated to Class. Un-classed ships will need to be surveyed by MCA.

25.4 Surveys Required

25.4.1 The Harmonised System of Survey and Certification (HSSC) does not apply. Ships are subject to an **Initial Survey** followed by subsequent survey when the anti-fouling system is changed or replaced. There is no regular survey requirement.

25.5 Pre-survey Actions

25.5.1 The following items shall be checked prior to commencing the survey:

- SIAS
- MCA Survey Files
- Exemption Certificates
- New Legislative requirements

Remarks from previous surveys and outstanding deficiencies must be resolved to the satisfaction of the surveyor before the issue of the Anti-Fouling Certificate.

25.5.2 The surveyor/s should ensure that sufficient time will be available for the survey and should liaise with owners beforehand.

25.5.3 Where work is to be carried out on behalf of another Administration a written request must first be obtained from that Administration requesting the MCA to carry out the work on their behalf.

25.5.4 Surveys should only be commenced on receipt of a completed "Application for Survey" form (MSF 5100) and after sufficient fees have been received. Further guidance on fees is described in Part C, Chapter 2 of these instructions.

25.5.5 The relevant Business Support Unit administration team processes the application. CERS/SVD must be interrogated to ensure that the correct ship is on the system; if the vessel is not yet on the system (e.g. newbuild, flag-in), the Administrator (TST) should be contacted, who will check the details and arrange for the vessel to be added to the Single Vessel Database (SVD) if appropriate. A "Survey Works Order" is produced which is then tracked for charter standard purposes. This is then passed to the Manager, or other person nominated by them, who then appoints the Lead Surveyor (LS) for the survey.

25.6 Items to be surveyed

25.6.1 The survey is to be carried out using the relevant instructions, guidance notes and HQ advice, which may be found on MLD/SCMS. Surveyors should be mindful of their own health and safety during surveys and take account of all guidance provided by MCA as well as their professional judgement in relation to the prevailing circumstances.

25.6.2 This will primarily be an audit of approval certification to demonstrate that any anti-fouling coating does not contain organotin biocides and verification that any previously applied organotins have been removed or are sealed so as to prevent them leaching into the environment.

25.6.3 An *aide memoire*, MSF 5566, listing items that should be surveyed is available from the Master List of Documents and SCMS library.

25.7 Post Survey Actions

25.7.1 Deficiencies

25.7.1.1 The lead surveyor is responsible for recording and closing out any deficiencies found during the survey/s in the SIAS database, in accordance with the requirements of Part C Chapter 4 of these instructions.

25.7.2 Declaration and Certificates

25.7.2.1 The requirements relating to the issue of certificates are given in regulations 4 to 9 inclusive of the Merchant Shipping (Anti-Fouling Systems) Regulations 2009, as amended.

25.7.2.2 On completion of a survey, the lead surveyor prepares the certificate, following the guidance in Part C Chapter 3 of these instructions.

25.7.2.3 When satisfactory surveys have been completed, ships over 400 GT must be issued with an International Anti-Fouling Certificate (MSF 3224, issued with record MSF 3226).

25.7.2.4 Ships over 24 m but under 400 GT do not need to be surveyed, but the owner must sign a **Declaration on Anti-Fouling Systems** in the format specified in EU 782/2003 which should be available on board. MSF 3227 is available for this purpose.

25.7.2.5 A Certificate or Declaration is required regardless of whether the ship is engaged on international or domestic voyages.

25.7.3 Review of Exemptions

25.7.3.1 Any exemption or equivalent must be reviewed to ensure they are still current and that the qualifying conditions are complied with. Guidance on exemptions and equivalents are described in Part B Chapter 4 of these instructions.

25.7.4 Documentation and Records

25.7.4.1 The table below describes the minimum documents to be completed and filed following a survey.

Item	Record
Record on SIAS?	Yes MSF 1602/3 survey & inspection deficiencies
Place copy on registered file, CM.../35/07	Yes International Anti-Fouling Certificate MCA Declaration MSF 1602/3 Aide memoire MSF 5566 Relevant test reports/ results, drawings and photographs Exemptions
Minute required on registered file?	Yes
Report Class Related deficiency to Survey Operations Branch?	Yes, if applicable MSF1923

25.7.5 Fees

The **Survey Works Order** must be closed out and sent to the relevant Business Unit so that fee accounts may be balanced and relevant refunds made to the customer.

25.8 Flow Chart (If helpful)

None.

25.9 Special Instructions and Guidance

None.

25.10 References

25.10.1 Further advice can be found in the various Instructions for the Guidance of Surveyors relating to:

- 'Prevention of Pollution by Anti-Fouling Systems'

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