

## **PART A**

### **CHAPTER 13**

#### **NOXIOUS LIQUID SUBSTANCES IN BULK**

##### **13.1 Legal Requirements**

13.1.1 The Merchant Shipping (Dangerous or Noxious Liquid Substances in Bulk) Regulations 1996, SI 1996/ 3010, as amended, in conjunction with MSN 1703 (NLS.1) implement MARPOL Annex II in the UK. Regulation 6 prohibits the loading of noxious liquid substances in bulk unless the ship has a Noxious Liquid Substances certificate or appropriate chemical tanker certificate (see Part A Chapter 14 of these instructions for chemical tankers).

##### **13.2 Definitions**

13.2.1 Definitions of terms relating to the carriage of noxious liquid substances in bulk and surveys related to the issuance of a certificate are described in Regulation 2 of SI 1996 No. 3010, as amended.

##### **13.3 Responsibility**

13.3.1 Shipboard Marine Pollution Emergency Plans (SMPEPs) are approved by MCA **except for ACS ships.**

13.3.2 Procedures and Arrangements manuals, for non ACS ships, should be approved by class and then forwarded to MCA so the lead surveyor can annotate the front page to indicate the manual is acceptable to the UK. Marine offices should place a copy of the manual and CoF on file and forward to Environmental Policy Branch to double check.

13.3.3 Some classification societies have been given full delegation for these surveys. Refer to Survey Operations Branch if a survey is requested. Class authorisations can be checked on the M-Net Survey **& Inspection page.**

##### **13.4 Surveys Required**

13.4.1 The **Harmonised System of Survey and Certification** (HSSC) applies. Ships are **required, by regulation 9, to be** subjected to the following surveys :-

- an **Initial Survey,**
- an **Annual Survey,**
- an **Intermediate Survey,**

- a **Renewal Survey**.

## **13.5 Pre-survey Actions**

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

- SIAS
- MCA Survey Files
- Exemption Certificates
- New Legislative requirements
- Class Survey Status (via password protected websites)
- PSC Inspection history

Remarks from previous surveys and outstanding deficiencies must be resolved to the satisfaction of the surveyor before the issue of the Noxious Liquid Substances Certificate.

**13.5.2** The surveyor/s should ensure that sufficient time will be available for the survey and should liaise with owners beforehand, noting that various options may be available such as more time in port, sailing with the ship for suitable short voyages, providing more than one surveyor and so on.

**13.5.3** Where work is to be carried out on behalf of another administration a written request must be obtained from that administration requesting the MCA to carry out the work on their behalf. For REG ships fees are charged at the wider market rate (see Part C Ch2.3).

**13.5.4** 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.

**13.5.5** 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 "job control sheet" (MSF 5108) 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.

## **13.6 Items to be surveyed**

**13.6.1** 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.

13.6.2 Items to be surveyed include structural arrangements to prevent accidental leakage, safety of operational procedures and minimising of discharges of noxious substances and measures for protection of personnel.

13.6.3 *Aide memoires* MSF 5545 (initial survey) and MSF 5546 (re-survey) list items to be surveyed and are available on the Master List of Documents and SCMS library.

## 13.7 Post Survey Actions

### 13.7.1 Deficiencies

13.7.1.1 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.

### 13.7.2 Declaration and Certificates

13.7.2.1 The requirements relating to the type, issue, duration and revocation of certificates are given in regulations 11, 11A and 11B.

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

13.7.2.3 When satisfactory surveys have been completed the following certificates, as appropriate, should be issued;-

- an **International Pollution Prevention Certificate for the Carriage of Noxious Liquid Substances in Bulk** (MSF 3002); or
- a **Certificate of Fitness for the Carriage of Noxious Liquid Substances in Bulk in Offshore Support Vessels** (MSF 3021)

to ships valid for a period not exceeding 5 years. MSF 3021 is issued by Environmental Policy Branch only.

### 13.7.2.4 Annual/Intermediate Survey Endorsement

13.7.2.4.1 On completion of the annual or intermediate survey, the certificate should be endorsed accordingly.

13.7.2.4.2 The 2<sup>nd</sup> or 3<sup>rd</sup> annual survey must be an intermediate survey; the endorsement for the same needs to be made by deleting “annual” in the endorsement panel on page 2 of the certificate. When conducting the 3<sup>rd</sup> annual survey in particular this needs to be borne in mind to ensure that one of the surveys is marked (and conducted) as “intermediate”.

13.7.2.4.3 Any endorsements made to the owner’s copy of the certificate should also be recorded on the file copy of the certificate (or by adding a

photocopy of the endorsement page to the file), and on the electronic version of the form, on return to the office.

### **13.7.3 Review of Exemptions**

13.7.3.1 Any exemption or equivalents 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 5 of these instructions.

### **13.7.4 Documentation and Records**

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

<b>Item</b>	<b>Record</b>
Record on SIAS?	Yes MSF 1602/3 survey & inspection deficiencies
Place copy on registered file, CM.../41/01	Yes Noxious Liquid Substances Certificate MCA Declaration MSF 1602/3 Complete Aide memoire Annual/intermediate endorsement Relevant test reports/ results Drawings Photographs Exemptions
Minute required on registered file?	Yes
Report Class Related deficiency to Survey Operations Branch?	Yes MSF 1923

### **13.7.5 Fees**

13.7.5.1 The Job Control Sheet must be closed out and sent to the relevant Business Support Unit so that fee accounts may be balanced and relevant refunds made to the customer.

### **13.8 Flow Chart (If helpful)**

None

### **13.9 Special Instructions and Guidance**

None.

### 13.10 References

None.

<b>Author</b>	S Ireland	<b>Branch</b>	Survey Operations
<b>Approved by</b>	P Owen	<b>Branch</b>	Survey Operations
<b>Authorised by</b>	T Elder	<b>Branch</b>	Tech Performance