

TÜRK LOYDU



SURVEY AND CERTIFICATION RULES FOR SHIPS UNDER THE HONG KONG CONVENTION

(According to MEPC 222(64))

2014

This latest edition incorporates all rule changes. The latest revisions are shown with a vertical line. The section title is framed if the section is revised completely. Changes after the publication of the rule are written in red colour.

Unless otherwise specified, these Rules apply to ships for which the date of contract for construction as defined in IACS PR No.29 is on or after 03rd of February 2014. New rules or amendments entering into force after the date of contract for construction are to be applied if required by those rules. See Rule Change Notices on TL website for details.

"General Terms and Conditions" of the respective latest edition will be applicable (see Rules for Classification and Surveys).

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Survey and Certification Rules for Ships under the Hong Kong Convention

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FOREWORD

Article 5 of the Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009, (hereafter referred to as "the Convention") prescribes that each party shall ensure that ships flying its flag or operating under its authority and subject to survey and certification are surveyed and certified in accordance with the regulations in the annex to the Convention. The purpose of this document is to provide rules for the survey and certification of ships under the Convention (hereafter referred to as "the rules"), covered in "Part C – Survey and certification" of the annex to the Convention (regulations 10 to 14).

These rules provide the procedures for conducting surveys to ensure that ships comply with the Convention, and the requirements for issuing and endorsing an International Certificate on Inventory of Hazardous Materials and issuing an International Ready for Recycling Certificate.

These rules apply to surveys of new and existing ships of 500 gross tonnage and above, as specified in article 3 of the Convention.

Moreover according to EU Regulation No 1257/2013 these rules shall apply to ships flying the flag of an EU and ships flying the flag of a third country calling at a port or anchorage of an EU.

These rules are also applicable for the issuance of "Document of Compliance" in following cases:

- Which the TL EP notation has been requested by customer or
- Request of customer for compliance with the Convention
- Where the Flag Administration has not ratified Hong Kong International Convention and if TL authorized by Administration for issuance of "Document of Compliance" on behalf of the Administration.

ABBREVIATIONS

IMO: International Maritime Organization

DASR: the Document of Authorization to conduct Ship Recycling

IHM: Inventory of Hazardous Materials

MDs: Material Declarations

SDoCs: Supplier's Declaration of Conformity

TL: Türk Loydu

SECTION 1

DEFINITIONS

“Convention” means the Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009.

“Administration” means the Government of the State whose flag the ship is entitled to fly, or under whose authority it is operating.

“Competent Authority(ies)” means a governmental authority or authorities designated by a Party as responsible, within specified geographical area(s) or area(s) of expertise, for duties related to Ship Recycling Facilities operating within the jurisdiction of that Party as specified in this Convention.

“Organization” means the International Maritime Organization.

“Secretary-General” means the Secretary-General of the Organization (IMO).

“Committee” means the Marine Environment Protection Committee of the Organization.

“Ship” means a vessel of any type whatsoever operating or having operated in the marine environment and includes submersibles, floating craft, floating platforms, self elevating platforms, Floating Storage Units (FSUs), and Floating Production Storage and Offloading Units (FPSOs), including a vessel stripped of equipment or being towed.

“Gross tonnage” means the gross tonnage (GT) calculated in accordance with the tonnage measurement regulations contained in Annex I to the International Convention on Tonnage Measurement of Ships, 1969, or any successor convention.

“Hazardous Material” means any material or substance which is liable to create hazards to human health and/or the environment.

“Ship Recycling” means the activity of complete or partial dismantling of a ship at a Ship Recycling Facility in order to recover components and materials for reprocessing and re-use, whilst taking care of hazardous and other materials, and includes associated operations such as storage and treatment of components and materials on site, but not their further processing or disposal in separate facilities.

“Ship Recycling Facility” means a defined area that is a site, yard or facility used for the recycling of ships.

“Recycling Company” means the owner of the Ship Recycling Facility or any other organization or person who has assumed the responsibility for operation of the Ship Recycling activity from the owner of the Ship Recycling Facility and who on assuming such responsibility has agreed to take over all duties and responsibilities imposed by this Convention.

“Date of Construction”, as referred to in the forms of the International Certificate on Inventory of Hazardous Materials and the International Ready for Recycling Certificate, means the date used by the Administration to determine whether the ship is a “new ship” or an “existing ship” in accordance with the relevant provisions of regulations 1.3 and 1.4 of the Annex to the Convention.

“Competent person” means a person with suitable qualifications, training, and sufficient knowledge, experience and skill, for the performance of the specific work. Specifically, a Competent person may be a trained worker or a managerial employee capable of recognizing and evaluating occupational hazards, risks, and employee exposure to potentially Hazardous Materials or unsafe conditions in a Ship Recycling Facility, and who is capable of specifying the necessary protection and precautions to be taken to eliminate or reduce those hazards, risks, or exposures. The Competent Authority may define appropriate criteria for the designation of such persons and may determine the duties to be assigned to them.

“Employer” means a natural or legal person that employs one or more workers engaged in Ship Recycling.

“Existing ship” means a ship which is not a new ship.

“New ship” means a ship:

- .1. for which the building contract is placed on or after the entry into force of this Convention; or
- .2. in the absence of a building contract, the keel of which is laid or which is at a similar stage of construction on or after six months after the entry into force of this Convention; or
- .3. the delivery of which is on or after 30 months after the entry into force of this Convention.

“New installation” means the installation of systems, equipment, insulation, or other material on a ship after the date on which this Convention enters into force.

“Safe-for-entry” means a space that meets the following criteria:

- .1. the oxygen content of the atmosphere and the concentration of flammable vapours are within safe limits;
- .2. any toxic materials in the atmosphere are within permissible concentrations; and
- .3. any residues or materials associated with the work authorized by the Competent person will not produce uncontrolled release of toxic materials or an unsafe concentration of flammable vapours under existing atmospheric conditions while maintained as directed.

“Safe-for-hot work” means a space that meets the following criteria:

- .1. a safe, non-explosive condition, including gas-free status, exists for the use of electric arc or gas welding equipment, cutting or burning equipment or other forms of naked flame, as well as heating, grinding, or spark generating operations;
- .2. Safe-for-entry requirements of regulation 1.6 are met;
- .3. existing atmospheric conditions will not change as a result of the hot work; and
- .4. all adjacent spaces have been cleaned, or inerted, or treated sufficiently to prevent the start or spread of fire.

“Shipowner” means the person or persons or company registered as the owner of the ship or, in the absence of registration, the person or persons or company owning the ship or any other organization or person such as the manager, or the bareboat charterer, who has assumed the responsibility for operation of the ship from the owner of the ship. However, in the case of a ship owned by a State and operated by a company which in that State is registered as the ship’s operator, “owner” shall mean such company. This term also includes those who have ownership of the ship for a limited period pending its sale or handing over to a Ship Recycling Facility.

“Site inspection” means an inspection of the Ship Recycling Facility confirming the condition described by the verified documentation.

“Statement of Completion” means a confirmatory statement issued by the Ship Recycling Facility that the Ship Recycling has been completed in accordance with this Convention.

“Tanker” means an oil tanker as defined in MARPOL Annex I or an NLS tanker as defined in MARPOL Annex II.

“Worker” means any person who performs work, either regularly or temporarily, in the context of an employment relationship including contractor personnel.

“Operationally generated waste” means waste water and residues generated by the normal operation of ships subject to the requirements of the MARPOL Convention;

SECTION 2

HONG KONG CONVENTION REGULATIONS FOR SHIPS (1)

Regulation 4 - Controls of ships' Hazardous Materials

. In accordance with the requirements specified in Appendix 1 to this Convention each Party:

1. shall prohibit and/or restrict the installation or use of Hazardous Materials listed in Appendix 1 on ships entitled to fly its flag or operating under its authority; and
2. shall prohibit and/or restrict the installation or use of such materials on ships, whilst in its ports, shipyards, ship repair yards, or offshore terminals,

. and shall take effective measures to ensure that such ships comply with those requirements.

Regulation 5 - Inventory of Hazardous Materials

1. Each new ship shall have on board an Inventory of Hazardous Materials. The Inventory shall be verified either by the Administration or by any person or organization authorized by it taking into account guidelines, including any threshold values and exemptions contained in those guidelines, developed by the Organization. The Inventory of Hazardous Materials shall be specific to each ship and shall at least:

- .1. identify as Part I, Hazardous Materials listed in Appendices 1 and 2 to this Convention and contained in ship's structure or equipment, their location and approximate quantities; and
- .2. clarify that the ship complies with regulation 4.

2. Existing ships shall comply as far as practicable with paragraph 1 not later than 5 years after the entry into force of this Convention, or before going for recycling if this is earlier, taking into account the guidelines developed by the Organization and the Organization's Harmonized System of Survey and Certification. The Hazardous Materials listed in Appendix 1, at least, shall be identified when the Inventory is developed. For existing ships a plan shall be prepared describing the visual/sampling check by which the Inventory of Hazardous Materials is developed, taking into account the guidelines developed by the Organization.

3. Part I of the Inventory of Hazardous Materials shall be properly maintained and updated throughout the operational life of the ship, reflecting new installations containing Hazardous Materials listed in Appendix 2 and relevant changes in ship structure and equipment, taking into account the guidelines developed by the Organization.

4. Prior to recycling the Inventory shall, in addition to the properly maintained and updated Part I, incorporate Part II for operationally generated wastes and Part III for stores, and be verified either by the Administration or by any person or organization authorized by it, taking into account the guidelines developed by the Organization.

(1) Note: Appendices 1, 2, 3, 4 of the Convention are attached to appendices 1, 2, 3, 4 of these Rules and Part I, II and III of the Convention are listed in appendix 5 of these Rules.

Regulation 8 - General requirements

. Ships destined to be recycled shall:

- .1. only be recycled at Ship Recycling Facilities that are:
 - .1. authorized in accordance with this Convention; and
 - .2. fully authorized to undertake all the ship recycling which the Ship Recycling Plan specifies to be conducted by the identified Ship Recycling Facility(ies);
- .2. conduct operations in the period prior to entering the Ship Recycling Facility in order to minimize the amount of cargo residues, remaining fuel oil, and wastes remaining on board;
- .3. in the case of a tanker, arrive at the Ship Recycling Facility with cargo tanks and pump room(s) in a condition that is ready for certification as Safe-for-entry, or Safe-for-hot work, or both, according to national laws, regulations and policies of the Party under whose jurisdiction the Ship Recycling Facility operates;
- .4. provide to the Ship Recycling Facility all available information relating to the ship for the development of the Ship Recycling Plan required by regulation 9;
- .5. complete the Inventory required by regulation 5; and
- .6. be certified as ready for recycling by the Administration or organization recognized by it, prior to any recycling activity taking place.

Regulation 9 - Ship Recycling Plan

. A ship-specific Ship Recycling Plan shall be developed by the Ship Recycling Facility(ies) prior to any recycling of a ship, taking into account the guidelines developed by the Organization. The Ship Recycling Plan shall:

- .1. be developed taking into account information provided by the shipowner;
- .2. be developed in the language accepted by the Party authorizing the Ship Recycling Facility, and if the language used is not English, French or Spanish, the Ship Recycling Plan shall be translated into one of these languages, except where the Administration is satisfied that this is not necessary;
- .3. include information concerning inter alia, the establishment, maintenance, and monitoring of Safe-for-entry and Safe-for-hot work conditions and how the type and amount of materials including those identified in the Inventory of Hazardous Materials will be managed;
- .4. in accordance with the declaration deposited pursuant to Article 16.6, be either explicitly or tacitly approved by the Competent Authority authorizing the Ship Recycling Facility. The Competent Authority shall send written acknowledgement of receipt of the Ship Recycling Plan to the Ship Recycling Facility, Ship Owner and Administration within three (3) working days of its receipt in accordance with regulation 24. Thereafter:
 - .1. where a Party requires explicit approval of the Ship Recycling Plan, the Competent Authority shall send written notification of its decision to approve or deny the Ship Recycling Plan to the Ship Recycling Facility, Ship Owner and Administration; and
 - .2. where a Party requires tacit approval of the Ship Recycling Plan, the acknowledgment of receipt shall specify

the end date of a 14-day review period. The Competent Authority shall notify any written objection to the Ship Recycling Plan to the Ship Recycling Facility, Ship Owner and Administration within this 14-day review period. Where no such written objection has been notified, the Ship Recycling Plan shall be deemed to be approved.

- .5. once approved in accordance with paragraph .4, be made available for inspection by the Administration, or any nominated surveyors or organization recognized by it; and
- .6. where more than one Ship Recycling Facility is used, identify the Ship Recycling Facilities to be used and specify the recycling activities and the order in which they occur at each authorized Ship Recycling Facility.

Regulation 10 - Surveys

1. Ships to which this Convention applies shall be subject to the surveys specified below:
 - .1. an initial survey before the ship is put in service, or before the International Certificate on Inventory of Hazardous Materials is issued. This survey shall verify that Part I of the Inventory required by regulation 5 is in accordance with the requirements of this Convention;
 - .2. a renewal survey at intervals specified by the Administration, but not exceeding five years. This survey shall verify that Part I of the Inventory of Hazardous Materials required by regulation 5 complies with the requirements of this Convention;
 - .3. an additional survey, either general or partial, according to the circumstances, may be made at the request of the shipowner after a change, replacement, or significant repair of the structure, equipment, systems, fittings, arrangements and material. The survey shall be such as to ensure that any such change, replacement, or significant repair has been made in the way that the ship continues to comply with the requirements of this Convention, and that Part I of the Inventory is amended as necessary; and
 - .4. a final survey prior to the ship being taken out of service and before the recycling of the ship has started. This survey shall verify:
 - .1. that the Inventory of Hazardous Materials as required by regulation 5.4 is in accordance with the requirements of this Convention taking into account the guidelines developed by the Organization;
 - .2. that the Ship Recycling Plan, as required by regulation 9, properly reflects the information contained in the Inventory of Hazardous Materials as required by regulation 5.4 and contains information concerning the establishment, maintenance and monitoring of Safe-for-entry and Safe-for-hot work conditions; and
 - .3. that the Ship Recycling Facility(ies) where the ship is to be recycled holds a valid authorization in accordance with this Convention.
2. Surveys of ships for the purpose of enforcement of the provisions of this Convention shall be carried out by officers of the Administration, taking into account the guidelines developed by the Organization. The Administration may, however, entrust the surveys either to surveyors nominated for the purpose or to organizations recognized by it.
3. An Administration nominating surveyors or recognizing organizations to conduct surveys, as described in paragraph 2 shall, as a minimum, empower such nominated surveyors or recognized organizations to:
 - .1. require a ship that they survey to comply with the provisions of this Convention; and
 - .2. carry out surveys and inspections if requested by the appropriate authorities of a port State that is a Party.
4. In every case, the Administration concerned shall be responsible to ensure the completeness and efficiency of the survey and shall undertake to ensure the necessary arrangements to satisfy this obligation.

5. The initial and renewal surveys should be harmonized with the surveys required by other applicable statutory instruments of the Organization.

Regulation 11 - Issuance and endorsement of certificates

1. An International Certificate on Inventory of Hazardous Materials shall be issued either by the Administration or by any person or organization authorized by it after successful completion of an initial or renewal survey conducted in accordance with regulation 10, to any ships to which regulation 10 applies, except for existing ships for which both an initial survey and a final survey are conducted at the same time, taking into account the guidelines developed by the Organization.

2. The International Certificate on Inventory of Hazardous Materials issued under paragraph 1, at the request of the shipowner, shall be endorsed either by the Administration or by any person or organization authorized by it after successful completion of an additional survey conducted in accordance with regulation 10.

3. Notwithstanding regulation 14.2 and the requirements of regulation 10.1.2, when the renewal survey is completed within three months before the expiry date of the existing certificate, the new certificate shall be valid from the date of completion of the renewal survey to a date not exceeding five years from the date of expiry of the existing certificate.

4. When the renewal survey is completed after the expiry date of the existing certificate, the new certificate shall be valid from the date of completion of the renewal survey to a date not exceeding five years from the date of expiry of the existing certificate.

5. When the renewal survey is completed more than three months before the expiry date of the existing certificate, the new certificate shall be valid from the date of completion of the renewal survey to a date not exceeding five years from the date of completion of the renewal survey.

6. If a certificate is issued for a period of less than five years, the Administration may extend the validity of the certificate beyond the expiry date to the maximum period specified in regulation 10.1.2.

7. If a renewal survey has been completed and a new certificate cannot be issued or placed on board the ship before the expiry date of the existing certificate, the person or organization authorized by the Administration may endorse the existing certificate and such a certificate shall be accepted as valid for a further period which shall not exceed five months from the expiry date.

8. If a ship at the time when a certificate expires is not in a port in which it is to be surveyed, the Administration may extend the period of validity of the certificate but this extension shall be granted only for the purpose of allowing the ship to complete its voyage to the port in which it is to be surveyed and then only in cases where it appears proper and reasonable to do so. No certificate shall be extended for a period longer than three months, and a ship to which an extension is granted shall not, on its arrival in the port in which it is to be surveyed, be entitled by virtue of such extension to leave that port without having a new certificate. When the renewal survey is completed, the new certificate shall be valid to a date not exceeding five years from the date of expiry of the existing certificate before the extension was granted.

9. A certificate issued to a ship engaged on short voyages which has not been extended under the foregoing provisions of this regulation may be extended by the Administration for a period of grace of up to one month from the date of expiry stated on it. When the renewal survey is completed, the new certificate shall be valid to a date not exceeding five years from the date of expiry of the existing certificate before the extension was granted.

10. In special circumstances, as determined by the Administration, a new certificate need not be dated from the date of expiry of the existing certificate as required by paragraph 4, 8 or 9 of this regulation. In these special circumstances, the new certificate shall be valid to a date not exceeding five years from the date of completion of the renewal survey.

11. An International Ready for Recycling Certificate shall be issued either by the Administration or by any person or organization authorized by it, after successful completion of a final survey in accordance with the provisions of regulation 10, to any ships to which regulation 10 applies, taking into account the authorization of the Ship Recycling Facility and the guidelines developed by the Organization.

12. A certificate issued under the authority of a Party shall be accepted by the other Parties and regarded for all purposes covered by this Convention as having the same validity as a certificate issued by them. Certificates shall be issued or endorsed either by the Administration or by any person or organization duly authorized by it. In every case, the Administration assumes full responsibility for the certificate.

Regulation 12 - Issuance or endorsement of a certificate by another Party

1. At the request of the Administration, another Party may cause a ship to be surveyed and, if satisfied that the provisions of this Convention are complied with, shall issue or authorize the issuance of a certificate to the ship, and where appropriate, endorse or authorize the endorsement of that certificate on the ship, in accordance with this Annex.

2. A copy of the certificate and a copy of the survey report shall be transmitted as soon as possible to the requesting Administration.

3. A certificate so issued shall contain a statement to the effect that it has been issued at the request of the Administration and it shall have the same force and receive the same recognition as a certificate issued by the Administration.

4. No certificate shall be issued to a ship entitled to fly the flag of a State which is not a Party.

Regulation 13 - Form of the certificates

. The certificates shall be drawn up in an official language of the issuing Party, in the form set forth in Appendices 3 and 4. If the language used is not English, French or Spanish, the text shall include a translation into one of these languages. The Administration may, however, issue the International Certificate on Inventory of Hazardous Materials drawn up only in an official language of the issuing Party to ships not engaged in voyages to ports or offshore terminals under the jurisdiction of other Parties to this Convention and the International Ready for Recycling Certificate drawn up only in an official language of the issuing Party to ships recycled in Ship Recycling Facilities under the jurisdiction of the issuing Party.

Regulation 14 - Duration and validity of the certificates

1. An International Certificate on Inventory of Hazardous Materials issued under regulation 11 or 12 shall cease to be valid in any of the following cases:

- .1. if the condition of the ship does not correspond substantially with the particulars of the certificate, including where Part I of the Inventory of Hazardous Materials is not properly maintained and updated, reflecting changes in ship structure and equipment, in accordance with the guidelines developed by the Organization;
- .2. upon transfer of the ship to the flag of another State. A new certificate shall only be issued when the Party

issuing the new certificate is fully satisfied that the ship is in compliance with the requirements of regulation 10. In the case of a transfer between Parties, if requested within three months after the transfer has taken place, the Party whose flag the ship was formerly entitled to fly shall, as soon as possible, transmit to the Administration copies of the certificates carried by the ship before the transfer and, if available, copies of the relevant survey reports;

.3. if the renewal survey is not completed within the periods specified under regulations 10.1 and 11; or

.4. if the certificate is not endorsed in accordance with regulation 11 or 12.

2. An International Certificate on Inventory of Hazardous Materials shall be issued for a period specified by the Administration, which shall not exceed five years.
3. An International Ready for Recycling Certificate shall be issued for a period specified by the Administration that shall not exceed three months.
4. An International Ready for Recycling Certificate issued under regulation 11 or 12 shall cease to be valid if the condition of the ship does not correspond substantially with the particulars of the certificate.
5. The International Ready for Recycling Certificate may be extended by the Administration or by any person or organization authorized by it for a single point to point voyage to the Ship Recycling Facility.

SECTION 3

SURVEYS

3.1 Initial survey

The aim of the initial survey is to verify whether part I of the Inventory of Hazardous Materials has been prepared in accordance with the Convention requirements. There are different requirements for the initial surveys of new ships and for those of existing ships.

3.1.1 Initial survey for new ships

3.1.1.1 In the case of a new ship, an initial survey should be conducted before the ship is put in service.

3.1.1.2 Prior to the initial survey for a new ship, a request for the initial survey should be submitted by the shipowner or shipyard to TL along with the ship data required for the International Certificate on Inventory of Hazardous Materials, as follows:

- .1 name of ship;
- .2 distinctive number or letters;
- .3 port of registry;
- .4 gross tonnage;
- .5 IMO number;
- .6 name and address of shipowner;
- .7 IMO registered owner identification number;
- .8 IMO company identification number; and
- .9 date of construction.

3.1.1.3 Part I of the Inventory of Hazardous Materials – which identifies Hazardous Materials contained in ship structure and equipment, their location and approximate quantities – along with the Material Declaration and Supplier's Declaration of Conformity in accordance with the *2011 Guidelines for the Development of the Inventory of Hazardous Materials* (resolution MEPC.197(62), as amended), and all other documents used to develop the Inventory of Hazardous Materials shall be submitted to TL for approval/review. For newbuildings, related MDs and SDoCs **(1)** shall be collected by shipyard or owner for TL review.

3.1.1.4 The survey should verify that part I of the Inventory of Hazardous Materials identifies the Hazardous Materials contained in the ship structure and equipment, their location and approximate quantities, by checking the Material Declaration and Supplier's Declaration of Conformity, and should clarify that the ship complies with regulations 4 and 5 of the annex to the Convention. The survey should also verify that the Inventory of Hazardous Materials, especially the location of Hazardous Materials, is consistent with the arrangements, structure and equipment of the ship, through onboard visual inspection.

3.1.1.5 The International Certificate on Inventory of Hazardous Materials should be issued by TL after successful completion of the initial survey, to any new ships to which regulation 10 of the annex to the Convention applies.

(1) Note: *Format of MDs and SDoCs are in appendix 6 and appendix 7 of this rule.*

3.1.2 Initial survey for existing ships

3.1.2.1 In the case of an existing ship, an initial survey should be conducted before the International Certificate on Inventory of Hazardous Materials is issued. The initial survey should be harmonized with the renewal surveys required by other applicable statutory instruments of the Organization, in line with regulations 5.2 and 10.5 of the annex to the Convention and with the principles established in resolution A.1053(27), as amended (Survey Guidelines under the Harmonized System of Survey and Certification (HSSC), 2011).

3.1.2.2 Prior to the initial survey for an existing ship, a request for the initial survey should be submitted by the shipowner to TL along with the ship data required for the International Certificate on Inventory of Hazardous Materials as listed in paragraph 3.1.1.2 above.

3.1.2.3 For existing ships, Part I of the Inventory of Hazardous Materials, and/or the visual/sampling check plan developed in accordance with the 2011 Guidelines for the development of the inventory of hazardous materials and the Report which are prepared by the Expert or Expert Party and the Analysis Report of the Laboratory shall be submitted to TL for approval/review.

3.1.2.4 Part I of the Inventory of Hazardous Materials⁽²⁾ – which identifies Hazardous Materials contained and/or potentially contained in ship structure and equipment, their location and approximate quantities – should be developed through a visual check and/or sampling check on board the ship, based on the visual/sampling check plan in accordance with the 2011 Guidelines for the development of the inventory of hazardous materials. It should then be submitted by the shipowner to TL along with supporting information such as the report of the visual/sampling check and/or any Material Declaration and Supplier's Declaration of Conformity.

3.1.2.5 The visual/sampling check plan and Part I of the Inventory of Hazardous Materials should be prepared by personnel with the requisite knowledge and experience to conduct the assigned task, in accordance with the 2011 Guidelines for the development of the inventory of hazardous materials, as may be amended.

3.1.2.6 The survey should verify that Part I of the Inventory of Hazardous Materials identifies the Hazardous Materials contained and/or potentially contained in the ship structure and equipment, their location and approximate quantities, by checking supporting information such as the report of the visual check and/or sampling check and/or any Material Declaration and Supplier's Declaration of Conformity. The survey should also clarify that the ship complies with regulations 4 and 5 of the annex to the Convention. Classification as "potentially containing hazardous materials" should be noted in the remarks column of the Inventory of Hazardous Materials. The survey should further verify that the Inventory of Hazardous Materials, especially the location of Hazardous Materials, is consistent with the arrangements, structure and equipment of the ship, through onboard visual inspection.

3.1.2.7 The International Certificate on Inventory of Hazardous Materials should be issued by TL, after successful completion of the initial survey, to any existing ships to which regulation 10 of the annex to the Convention applies, except for existing ships for which an initial and a final survey are conducted at the same time; in such cases, only an International Ready for Recycling Certificate should be issued.

3.2 Renewal survey

3.2.1 A renewal survey should be carried out at intervals specified by the Administration not exceeding five years.

(2) Note: Flow diagram for existing ships is in appendix 8.

3.2.2 Prior to the renewal survey, a request for the renewal survey should be submitted by the shipowner to TL along with the ship data required for the International Certificate on Inventory of Hazardous Materials as listed in paragraph 3.1.1.2 above.

3.2.3 The request for a renewal survey should be supplemented by the latest version of part I of the Inventory of Hazardous Materials, and Material Declaration and Supplier's Declaration of Conformity regarding any change, replacement or significant repair of structure, equipment, systems, fittings, arrangements and material since the last survey.

3.2.4 The survey should verify that part I of the Inventory of Hazardous Materials is properly maintained and updated to reflect changes in ship structure and equipment, by checking Material Declaration and Supplier's Declaration of Conformity, and should clarify that the ship complies with regulations 4 and 5 of the annex to the Convention. The survey should also verify that the Inventory of Hazardous Materials, especially the location of Hazardous Materials, is consistent with the arrangements, structure and equipment of the ship, through on-board visual inspection. The survey should further verify that any decision by the shipowner to delete equipment, system and/or area previously classed as "potentially containing hazardous materials" from Part I of the Inventory of Hazardous Materials is based on clear grounds for believing that the equipment, system and/or area in question contain no Hazardous Materials.

3.2.5 A new International Certificate on Inventory of Hazardous Materials should be issued by TL after successful completion of the renewal survey, in accordance with regulation 11 of the annex to the Convention.

3.3 Additional survey

3.3.1 An additional survey, either general or partial according to the circumstances, may be conducted at the request of the shipowner after change, replacement or significant repair of the structure, equipment, systems, fittings, arrangements and material, which has an impact on the Inventory of Hazardous Materials.

3.3.2 Prior to the additional survey, a request for the additional survey should be submitted by the shipowner to TL along with the ship data required for the International Certificate on Inventory of Hazardous Materials as listed in paragraph 3.1.1.2 above.

3.3.3 The request for an additional survey should be supplemented by the latest version of part I of the Inventory of Hazardous Materials, and Material Declaration and Supplier's Declaration of Conformity regarding any change, replacement or significant repair of structure, equipment, systems, fittings, arrangements and material since the last survey.

3.3.4 The survey should verify that Part I of the Inventory of Hazardous Materials is properly maintained and updated to reflect changes in ship structure and equipment, by checking Material Declaration and Supplier's Declaration of Conformity, and should clarify that the ship complies with regulations 4 and 5 of the annex to the Convention. The survey should also verify that the Inventory of Hazardous Materials, especially the location of Hazardous Materials, is consistent with the arrangements, structure and equipment of the ship, through on-board visual inspection. The survey should further verify that any decision by the owner to delete equipment, system and/or area previously classed as "potentially containing hazardous materials" from Part I of the Inventory of Hazardous Materials is based on clear grounds for believing that the equipment, system and/or area in question contain no Hazardous Materials.

3.3.5 The International Certificate on Inventory of Hazardous Materials should be endorsed by TL after successful completion of the additional survey, in accordance with regulation 11 of the annex to the Convention.

3.4 Final survey

3.4.1 A final survey should be conducted before a ship is taken out of service and before the recycling of the ship has started.

3.4.2 Prior to the final survey, a request for the final survey should be submitted by the shipowner to TL along with the ship data listed in paragraph 3.1.1.2 above and the Ship Recycling Facility data required for the International Ready for Recycling Certificate as follows:

- .1 name of the Ship Recycling Facility(ies);
- .2 distinctive Recycling Company identity number (as listed on the Document of Authorization to conduct Ship Recycling (DASR));
- .3 full address; and
- .4 date of expiry of DASR.

In cases where multiple Ship Recycling Facilities are involved, the appropriate information for all the Facilities should be provided prior to the final survey.

3.4.3 The request for a final survey should be supplemented by:

- .1 the International Certificate on Inventory of Hazardous Materials, the Inventory of Hazardous Materials, and Material Declaration and Supplier's Declaration of Conformity regarding any change, replacement or significant repair of the structure, equipment, systems, fittings, arrangements and/or material since the last survey;
- .2 the approved Ship Recycling Plan; and
- .3 a copy of the DASR.

3.4.4 Prior to the final survey:

- .1 Part I of the Inventory of Hazardous Materials should be properly maintained and updated to reflect changes in ship structure and equipment, and Part II for operationally generated wastes and Part III for stores should be developed by the shipowner taking account of planned or expected operations before the arrival at the Ship Recycling Facility, and of the 2011 Guidelines for the development of the inventory of hazardous materials, as may be amended; and
- .2 the Ship Recycling Plan should be developed by the authorized Ship Recycling Facility, taking account of information including the Inventory of Hazardous Materials provided by the shipowner; as required by regulation 9 of the annex to the Convention, the Ship Recycling Plan should be either explicitly or tacitly approved by the Competent Authority authorizing the Ship Recycling Facility.

3.4.5 The survey should verify the following:

- .1 that the Inventory of Hazardous Materials as required by regulation 5.4 of the annex to the Convention is in accordance with the requirements of the Convention, including that part I of the Inventory of Hazardous Materials

is properly maintained and updated to reflect changes in ship structure and equipment since the last survey, and that parts II and III of the Inventory of Hazardous Materials identify the Hazardous Materials on board the ship, their location and approximate quantities; planned or expected operations during the period between the final survey and the arrival at the Ship Recycling Facility should be taken into consideration;

- .2 that the Ship Recycling Plan, as required by regulation 9 of the annex to the Convention, properly reflects the information contained in the Inventory of Hazardous Materials as required by regulation 5.4 and contains information concerning the establishment, maintenance and monitoring of Safe-for-entry and Safe-for-hot-work conditions; in the case of tacit approval of the Ship Recycling Plan, the written acknowledgement of receipt of the Ship Recycling Plan sent by the Competent Authority in accordance with regulation 9.4 and the end date of the 14-day review period should also be verified;
- .3 that the Ship Recycling Facility(ies) where the ship is to be recycled holds a valid DASR in accordance with the Convention; and
- .4 that any decision by the shipowner to delete equipment, system and/or area previously classed as "potentially containing hazardous materials" from the Part I of the Inventory of Hazardous Materials is based on clear grounds for believing that the equipment, system and/or area in question contain no Hazardous Materials.

3.4.6 "The International Ready for Recycling Certificate" should be issued by TL after successful completion of the final survey, to any ships to which regulation 10 of the annex to the Convention applies.

3.5 Flag transfer

3.5.1 The certificates cease to be valid when a ship transfers to the flag of another State and the Government of the State to which the ship transfers should not issue new certificates until it is fully satisfied that the Inventory of Hazardous Materials is being properly maintained and that there have been no unauthorized changes to the structure, machinery or equipment. When so requested, the Government of the State whose flag the ship was formerly entitled to fly is obliged to forward as soon as possible to the new Administration a copy of the certificate carried by the ship before the transfer and, if available, copies of the relevant survey reports and records. When fully satisfied by an inspection that the Inventory of Hazardous Materials is being properly maintained and that there have been no unauthorized changes, the new Administration may, in order to maintain harmonization of the surveys, give due recognition to initial and subsequent surveys carried out by or on behalf of the former Administration and issue new certificates having the same expiry date as the certificates that ceased to be valid because of the change of flag.

3.5.2 The Government of the State to which the ship transfers should also make sure that the Inventory of Hazardous Materials complies with the legislation, guidelines and any additional requirements of this State.

3.5.3 If the flag transfer takes place after the final survey and after the International Ready for Recycling Certificate has been issued, the Government of the State to which the ship transfers should not issue the new certificate until fully satisfied that the conditions on the basis of which the International Ready for Recycling Certificate had been issued remain valid.

SECTION 4

MAINTENANCE OF THE IHM THROUGHOUT THE LIFE OF THE SHIP

- 4.1 The shipowner is responsible for the maintenance of the IHM during the entire lifetime of the ship. This requirement is independent of whether the IHM has been prepared for new ships or existing ships.
- 4.2 The shipowner shall provide on request maintenance- related documentation for the survey of the ship. **(1)**
- 4.3 The shipowner shall designate a person to ensure permanent conformity with the Convention.
- 4.4 The Designated Person:
- 4.4.1 is responsible for maintaining and updating the Inventory
- 4.4.2 may be employed ashore or on board
- 4.4.3 shall establish and supervise the IHM maintenance to ensure updating of Part I of the Inventory.
- 4.4.4 shall maintain the IHM and shall document any changes, such as name, type, serial number, manufacturer or supplier, old or new location, entry or deletion date.
- 4.5 TL shall verify the proper maintenance of IHM during renewal survey and (if applicable) during additional survey.

(1) Note: *In the case of conversion, repair or other modifications and maintenance, all changes relevant for the IHM have to be reflected in the existing IHM. It is the obligation of the shipowner to assure this. These tasks should be assigned via contractual arrangements to the yards carrying out the work.*

Appendix 1 - Controls or Hazardous Materials

Hazardous Material	Definitions	Control measures
Asbestos	Materials containing asbestos	For all ships, new installation of materials which contain asbestos shall be prohibited.
Ozone-depleting substances	<p>Ozone-depleting substances means controlled substances defined in paragraph 4 of article 1 of the Montreal Protocol on Substances that Deplete the Ozone Layer, 1987, listed in Annexes A,B,C or E to the said Protocol in force at the time of application or interpretation of this Annex.</p> <p>Ozone-depleting substances that may be found on board ship include, but are not limited to:</p> <p>Halon 1211</p> <p>Bromochlorodifluoromethane</p> <p>Halon 1301 Bromotrifluoromethane</p> <p>Halon 2402 1,2-Dibromo-1,1,2,2- tetrafluoroethane (also known as Halon 114B2)</p> <p>CFC-11 Trichlorofluoromethane</p> <p>CFC-12 Dichlorodifluoromethane</p> <p>CFC-113 1,1,2-Trichloro-1,2,2- trifluoroethane</p> <p>CFC-114 1,2-Dichloro-1,1,2,2- tetrafluoroethane</p> <p>CFC-115 Chloropentafluoroethane</p>	New installations which contain ozone-depleting substances shall be prohibited on all ships, except that new installations containing hydrochlorofluorocarbons (HCFCs) are permitted until 1 January 2020.
Polychlorinated biphenyls (PCB)	"Polychlorinated biphenyls" means aromatic compounds formed in such a manner that the hydrogen atoms on the biphenyl molecule (two benzene rings bonded together by a single carbon-carbon bond) may be replaced by up to ten chlorine atoms	For all ships, new installation of materials which contain Polychlorinated biphenyls shall be prohibited.
Anti-fouling compounds and systems	Anti-fouling compounds and systems regulated under Annex I to the International Convention on the Control of Harmful Anti-fouling Systems on Ships, 2001 (AFS Convention) in force at the time of application or interpretation of this Annex.	<ol style="list-style-type: none"> 1. No ship may apply anti-fouling systems containing organotin compounds as a biocide or any other anti-fouling system whose application or use is prohibited by the AFS Convention. 2. No new ships or new installations on ships shall apply or employ anti-fouling compounds or systems in a manner inconsistent with the AFS Convention.

Appendix 2 - Minimum List of Items for the Inventory of Hazardous Materials

Any Hazardous Materials listed in Appendix 1
Cadmium and Cadmium Compounds
Hexavalent Chromium and Hexavalent Chromium Compounds
Lead and Lead Compounds
Mercury and Mercury Compounds
Polybrominated Biphenyl (PBBs)
Polybrominated Diphenyl Ethers (PBDEs)
Polychlorinated Naphthalenes (more than 3 chlorine atoms)
Radioactive Substances
Certain Shortchain Chlorinated Paraffins (Alkanes, C10-C13, chloro)

Appendix 3 - Form of the International Certificate on Inventory of Hazardous Materials

INTERNATIONAL CERTIFICATE ON INVENTORY OF HAZARDOUS MATERIALS

(Note: This certificate shall be supplemented by Part I of the Inventory of Hazardous Materials)

(Official seal)

(State)

Issued under the provisions of the Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009 (hereinafter referred to as "the Convention") under the authority of the Government of

.....

(Full designation of the country)

by

(Full designation of the person or organization authorized under the provisions of the Convention)

Particulars of the Ship

Name of Ship	
Distinctive number or letters	
Port of Registry	
Gross tonnage	
IMO number	
Name and address of shipowner	
IMO registered owner identification number	
IMO company identification number	
Date of Construction	

Particulars of Part I of the Inventory of Hazardous Materials

Part I of the Inventory of Hazardous Materials identification/verification number:

Note: Part I of the Inventory of Hazardous Materials, as required by regulation 5 of the Annex to the Convention, is an essential part of the International Certificate on Inventory of Hazardous Materials and must always accompany the International Certificate on Inventory of Hazardous Materials. Part I of the Inventory of Hazardous Materials should be compiled on the basis of the standard format shown in the guidelines developed by the Organization.

THIS IS TO CERTIFY:

1. that the ship has been surveyed in accordance with regulation 10 of the Annex to the Convention;
and
2. that the survey shows that Part I of the Inventory of Hazardous Materials fully complies with the applicable requirements of the Convention.

Completion date of survey on which this certificate is based: (dd/mm/yyyy)

This certificate is valid until (dd/mm/yyyy)

Issued at

(Place of issue of certificate)

(dd/mm/yyyy)

(Date of issue) (Signature of duly authorized official issuing the certificate)

(Seal or stamp of the authority, as appropriate)

ENDORSEMENT TO EXTEND THE CERTIFICATE IF VALID FOR LESS THAN FIVE YEARS WHERE REGULATION 11.6 APPLIES

The ship complies with the relevant provisions of the Convention, and this certificate shall, in accordance with regulation 11.6 of the Annex to the Convention, be accepted as valid until

(dd/mm/yyyy):

Signed:

(Signature of duly authorized official)

Place:

Date: (dd/mm/yyyy)

(Seal or stamp of the authority, as appropriate)

ENDORSEMENT WHERE THE RENEWAL SURVEY HAS BEEN COMPLETED AND REGULATION 11.7 APPLIES

The ship complies with the relevant provisions of the Convention, and this certificate shall, in accordance with regulation 11.7 of the Annex to the Convention, be accepted as valid until

(dd/mm/yyyy):

Signed:

.....
.....

(Signature of duly authorized official)

Place:

.....
.....

Date: (dd/mm/yyyy)

.....
.....

(Seal or stamp of the authority, as appropriate)

**ENDORSEMENT TO EXTEND THE VALIDITY OF THE CERTIFICATE UNTIL REACHING THE PORT OF SURVEY
OR FOR A PERIOD OF GRACE WHERE REGULATION 11.8 OR 11.9 APPLIES**

This certificate shall, in accordance with regulation 11.8 or 11.9 of the Annex to the Convention,
be accepted as valid until (dd/mm/yyyy):

.....
.....

Signed:

.....
.....

(Signature of duly authorized official)

Place:

.....

Date: (dd/mm/yyyy)

.....

(Seal or stamp of the authority, as appropriate)

ENDORSEMENT FOR ADDITIONAL SURVEY

At an additional survey in accordance with regulation 10 of the Annex to the Convention, the
ship was found to comply with the relevant provisions of the Convention.

Signed:

.....
.....

(Signature of duly authorized official)

Place:

.....

Date: (dd/mm/yyyy)

.....

(Seal or stamp of the authority, as appropriate)

Appendix 4 - Form of the International Ready for Recycling Certificate

INTERNATIONAL READY FOR RECYCLING CERTIFICATE

(Note: This certificate shall be supplemented by the Inventory of Hazardous Materials and the Ship Recycling Plan)

(Official seal)

(State)

Issued under the provisions of the Hong Kong International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009 (hereinafter referred to as "the Convention") under the authority of the Government of

.....

(Full designation of the country)

by

(Full designation of the person or organization authorized under the provisions of the Convention)

Particulars of the Ship

Name of Ship	
Distinctive number or letters	
Port of Registry	
Gross tonnage	
IMO number	
Name and address of shipowner	
IMO registered owner identification number	
IMO company identification number	
Date of Construction	

Particulars of the Ship Recycling Facility(ies)

Name of Ship Recycling Facility	
Distinctive Recycling Company identity number*	
Full address	
Date of expiry of DASR	

* This number is based on the Document of Authorization to conduct Ship Recycling (DASR).

Particulars of the Inventory of Hazardous Materials

Inventory of Hazardous Materials identification/verification number:

Note: The Inventory of Hazardous Materials, as required by regulation 5 of the Annex to the Convention, is an essential part of the International Ready for Recycling Certificate and must always accompany the International Ready for Recycling Certificate. The Inventory of Hazardous Materials should be compiled on the basis of the standard format shown in the guidelines developed by the Organization.

Particulars of the Ship Recycling Plan

Ship Recycling Plan identification/verification number:

Note: The Ship Recycling Plan, as required by regulation 9 of the Annex to the Convention, is an essential part of the International Ready for Recycling Certificate and must always accompany the International Ready for Recycling Certificate.

THIS IS TO CERTIFY:

- 1 that the ship has been surveyed in accordance with regulation 10 of the Annex to the Convention;
- 2 that the ship has a valid Inventory of Hazardous Materials in accordance with regulation 5 of the Annex to the Convention;
- 3 that the Ship Recycling Plan, as required by regulation 9, properly reflects the information contained in the Inventory of Hazardous Materials as required by regulation 5.4 and contains information concerning the establishment, maintenance and monitoring of Safe-for-entry and Safe-for-hot work conditions; and
- 4 that the Ship Recycling Facility(ies) where this ship is to be recycled holds a valid authorization in accordance with the Convention.

This certificate is valid until (dd/mm/yyyy)

(Date)

Issued at

(Place of issue of certificate)

(dd/mm/yyyy)

.....

(Date of issue) (Signature of duly authorized official issuing the certificate)

(Seal or stamp of the authority, as appropriate)

ENDORSEMENT TO EXTEND THE VALIDITY OF THE CERTIFICATE UNTIL REACHING THE PORT OF THE SHIP RECYCLING FACILITY FOR A PERIOD OF GRACE WHERE REGULATION 14.5 APPLIES

This certificate shall, in accordance with regulation 14.5 of the Annex to the Convention, be accepted as valid for a single point to point voyage

from the port of:

to the port of:

Signed:

.....
.....

(Signature of duly authorized official)

Place:

.....
.....

Date: (dd/mm/yyyy)

.....

(Seal or stamp of the authority, as appropriate)

Appendix 5 – Items to be Listed in the Inventory of Hazardous Materials

Materials listed in appendix 1 of the Annex to the Convention

Table A

No.	Materials	Inventory			Threshold level	
		Part I	Part II	Part III		
A-1	Asbestos	x			no threshold level	
A-2	Polychlorinated biphenyls (PCBs)	x			no threshold level	
A-3	Ozone Depleting Substances	CFCs	x			no threshold level
		Halons	x			
		Other fully halogenated CFCs	x			
		Carbon tetrachloride	x			
		1,1,1-Trichloroethane (Methyl chloroform)	x			
		Hydrochlorofluorocarbons	x			
		Hydrobromofluorocarbons	x			
		Methyl bromide	x			
A-4	Anti-fouling systems containing organotin compounds as a biocide	x			2500 mg total tin/kg	

Materials listed in appendix 2 of the Annex to the Convention

Table B

No.	Materials	Part I	Part II	Part III	Threshold level
B-1	Cadmium and cadmium compounds	x			100 mg/kg
B-2	Hexavalent chromium and hexavalent chromium compounds	x			1,000 mg/kg
B-3	Lead and lead compounds	x			1,000 mg/kg
B-4	Mercury and mercury compounds	x			1,000 mg/kg
B-5	Polybrominated biphenyl (PBBs)	x			1,000 mg/kg
B-6	Polybrominated diphenyl ethers (PBDEs)	x			1,000 mg/kg
B-7	Polychlorinated naphthalenes (more than 3 chlorine atoms)	x			no threshold level
B-8	Radioactive substances	x			no threshold level
B-9	Certain shortchain chlorinated paraffins (Alkanes, C10-C13, chloro)	x			1%

Table C Potentially hazardous items

No.	Properties	Goods	Inventory		
			Part I	Part II	Part III
C-1	Oiliness	Kerosene			x
C-2		White spirit			x
C-3		Lubricating oil			x
C-4		Hydraulic oil			x
C-5	Liquid	Anti-seize compounds			x
C-6		Fuel additive			x
C-7		Engine coolant additives			x
C-8		Antifreeze fluids			x
C-9		Boiler and feed water treatment and test re-agents			x
C-10		De-ioniser regenerating chemicals			x
C-11		Evaporator dosing and descaling acids			x
C-12		Paint stabilizers/rust stabilizers			x
C-13		Solvents/thinners			x
C-14		Paints			x
C-15		Chemical refrigerants			x
C-16		Battery electrolyte			x
C-17		Alcohol, methylated spirits			x
C-18	Explosives/ inflammables	Acetylene			x
C-19		Propane			x
C-20		Butane			x
C-21		Oxygen			x
C-22	Gas	CO ₂			x
C-23		Perfluorocarbons (PFCs)			x
C-24		Methane			x
C-25		Hydrofluorocarbon (HFCs)			x
C-27		Nitrous oxide(N ₂ O)			x
C-28		Sulfur hexafluoride (SF ₆)			x
C-29	Oiliness	Bunkers: fuel oil			x
C-30		Grease			x
C-31		Waste oil (sludge)		x	
C-32		Bilge and/or waste water generated by the after-treatment systems fitted on machineries		x	

C-33			Oily liquid cargo tank residues		x	
C-34			Ballast water		x	
C-35			Raw sewage		x	
C-36			Treated sewage		x	
C-37			Non-oily liquid cargo residues		x	
C-38	Gas	Explosibility/ inflammability	Fuel gas			x
C-39			Dry cargo residues		x	
C-40			Medical waste/infectious waste		x	
C-41			Incinerator ash ²⁾		x	
C-42			Garbage ²⁾		x	
C-43			Fuel tank residues		x	
C-45			Oily solid cargo tank residues		x	
C-45			Oily or chemical contaminated rags		x	
C-46			Batteries (incl. lead acid batteries)			x
C-47			Pesticides/insecticide sprays			x
C-48		Solid	Extinguishers			x
C-49			Chemical cleaner (incl. electrical equipment cleaner, carbon remover)			x
C-50			Detergent/bleacher (could be a liquid)			x
C-51			Miscellaneous medicines			x
C-52			Fire fighting clothing and Personal protective equipment			x
C-53			Dry tank residues		x	
C-54			Cargo residues		x	
C-55			Spare parts which contain materials listed in Table A or Table B			x

²⁾ Definition of garbage is identical to that in MARPOL Annex V. However, incinerator ash is classified separately because it may include hazardous substances or heavy metals.

Regular consumable goods potentially containing Hazardous Materials**Table D**

No.	Properties	Example	Inventory		
			Part I	Part II	Part III
D-1	Domestic and accommodation appliances	Computers, refrigerators, printers, scanners, television sets, radio sets, video cameras, video recorders, telephones, consumer batteries, fluorescent lamps, filament bulbs, lamps			x

Appendix 6 - Form of Material Declaration

<Date of declaration>

Date	
------	--

<MD ID number>

MD- ID-No.	
------------	--

<Supplier (respondent) information>

Company name	
Division name	
Address	
Contact person	
Telephone number	
Fax number	
E-mail address	
SDoC ID no.:	

<Other information>

Remark 1	
Remark 2	
Remark 3	

<Product information>

Product name	Product number	Delivered unit		Product Information
		Amount	Unit	

<Materials information>

This materials information shows the amount of hazardous materials contained in

1	Unit
---	------

 (unit: piece, kg, m, m², m³, etc) of the product.

Table	Material name		Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used
				Yes / No	Mass	Unit	
Table A (materials listed in appendix 1 of the Convention)	Asbestos	Asbestos	no threshold level				
	Polychlorinated biphenyls (PCBs)	Polychlorinated biphenyls (PCBs)	no threshold level				
	Ozone depleting substance	Chlorofluorocarbon (CFCs)	no threshold level				
		Halons					
		Other fully halogenated CFCs					
		Carbon tetrachloride					
		1,1,1-Trichloroethane					
		Hydrochlorofluorocarbon					
		Hydrobromofluorocarbon					
	Anti-fouling systems containing organotin compounds as a biocide		2,500 mg total tin/kg				

Table	Material name		Threshold level	Present above threshold level	If yes, material mass		If yes, information on where it is used
				Yes / No	Mass	Unit	
Table B (materials listed in appendix 2 of the Convention)	Cadmium and cadmium compounds		100 mg/kg				
	Hexavalent chromium and hexavalent chromium compounds		1,000 mg/kg				
	Lead and lead compounds		1,000 mg/kg				
	Mercury and mercury compounds		1,000 mg/kg				
	Polybrominated biphenyl (PBBs)		1,000 mg/kg				
	Polybrominated diphenyl ethers (PBDEs)		1,000 mg/kg				
	Polychloronaphthalenes (Cl >= 3)		no threshold level				
	Radioactive substances		no threshold level				
Certain shortchain chlorinated paraffins		1%					

Appendix 7 - Form of Supplier's Declaration of Conformity

Supplier's Declaration of Conformity for Material Declaration management

1) Identification number: _____

2) Issuer's name: _____

Issuer's address: _____

3) Object(s) of the declaration: _____

4) The object(s) of the declaration described above is in conformity with the following documents :

Document No.:	Title:	Edition/date of issue
---------------	--------	-----------------------

5) _____	_____	_____
----------	-------	-------

_____	_____	_____
-------	-------	-------

_____	_____	_____
-------	-------	-------

6) Additional information : _____

Signed for and on behalf of:

(Place and date of issue)

7) _____

(Name, function)

(Signature)

Appendix 8 – Flow Diagram for Developing Part I of the Inventory for Existing Ships

