

# Type Approval of Marine Equipment

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Inspection and Measurement Division

Maritime Bureau

Ministry of Land, Infrastructure, Transport and Tourism

## **Preface**

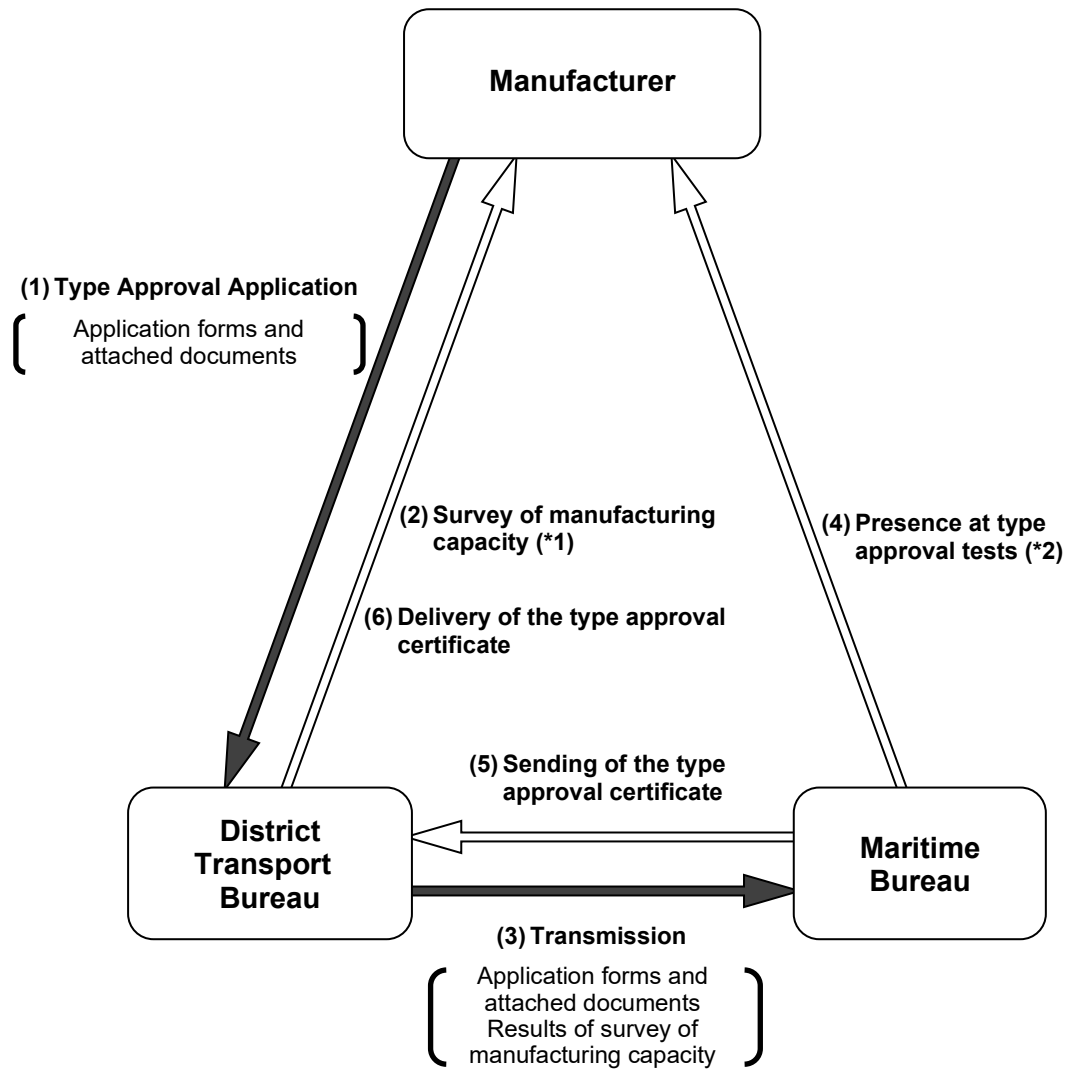
Inspection and Measurement Division of MLIT, being in charge of the type approval system of marine equipment in Japan, is publishing this brochure to facilitate foreign manufacturers to obtain a Japanese type approval certificate by letting them know the type approval procedure in detail.

In this regard, this brochure contains a guide for applicants how to obtain a type approval certificate under the provisions of:

- regulation 6-5 of the Ship Safety Law; and
- regulations 19-49 and 43-9 of the Law relating to the Prevention of Marine Pollution and Maritime Disaster (Marine Pollution Prevention Law)

For further information, please contact one of the organizations listed under Appendix 3 at the end of this brochure.

## Flow of Procedures for Obtaining a Type Approval Certificate



\*1: It may be necessary to conduct a site inspection of the facility where the products are manufactured as confirmation of manufacturing capacity (see 2.3).

\*2: In light of the contents of test reports submitted as “documents certifying that the products under application conform to technical standards,” all or a part of type approval tests may be exempted (see 2.4).

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## 1. Type approval of marine equipment in Japan

‘Type approval’ is one of the inspection procedures under the Ship Safety Law and the Marine Pollution Prevention Law for marine equipment that is mass produced.

The type approval procedure mainly consists of two parts: **type approval of a prototype** and **product verification (Kentei)**.

Products of marine equipment can be installed on board without inspection on the conformance to the technical standards by a ship inspector in case that the prototype of the marine equipment has been **type approved** and also that the product has passed a ‘**product verification (Kentei)**.’

### Type Approval of a prototype

The Minister of Land, Infrastructure Transport and Tourism grants type approval to the manufacture and issues a type approval certificate when:

- (i) Specifications and performance of a prototype of the marine equipment conform to the applicable technical standards; and
- (ii) The manufacturer has a capacity to generate products being identical to the prototype.

### Product Verification (Kentei)

The Ship Equipment Inspection Society of Japan (HK) (products for ships other than small craft) and Japan Craft Inspection Organization (JCI) (products for small craft) conduct “Product Verification (Kentei)” for each product in order to confirm the product is identical to the prototype by a simplified verification method.

## 2. Obtaining a new type approval certificate

### Marine equipment subject to type approval

As for the Ship Safety Law, marine equipment subject to type approval is listed in Table 1 of the Rules for Type Approval of Ships, Craft, Installations, Machinery and Other Ship Related Products. As for the Marine Pollution Prevention Law, marine equipment subject to type approval is listed in Table 1 of the Rules for Type Approval of Marine Pollution Prevention Equipment and Equipment Subject to Air Pollution Prevention Inspection and Table 4 of the Regulations for the Enforcement of the Marine Pollution Prevention Law.

The list of marine equipment is reproduced in Appendix 2 at the end of this brochure.

### Eligibility for application

Those who are able to apply for type approval are **limited to Manufacturers** of marine equipment subject to type approval.

A manufacturer refers to a person/company who undertakes all development planning, basic design, manufacturing of key components, assembly and finished good inspection for a product. However, manufacturing or assembly (excluding finished goods inspection) can be outsourced in whole or in parts on the condition that a quality control system of the manufacturer is in place to conduct delivery inspections of the outsourced goods in question.

### The way of confirmation by the Minister

In order to grant type approval, the Minister of Land, Infrastructure, Transport and Tourism assess the conformity of the marine equipment against the applicable standards by the following ways:

- The Minister checks the documents submitted by the applicant.
- The Minister orders the applicant to conduct type approval tests with an attendance of a government official to confirm that a prototype of the equipment is in compliance with the applicable technical standards. In case that test reports of laboratories are acceptable under the condition explained in the sub-section 2.3, conducting of the relevant part of type approval test is unnecessary.
- The Minister may send an official to the production site(s) to confirm that the manufacturer has a capacity to produce the same products as the prototype in its own quality control system.

## 2.1. Application

When applying for type approval, the manufacturer should submit an **application form (in an applicable format from among Forms 1 through 3), attached documents** and a **Statement of Payment of Fees (Form 7)** to the District Transport Bureau under the jurisdiction of the area where the main manufacturing facility of the marine equipment is located.

The **attached documents** are to be submitted in paper or electronic data at the time of application. Please submit the final version as electronic data after approval.

In addition, revenue stamps equivalent to the amount of fees related to the application for type approval should be affixed to the **Statement of Payment of Fees**. As the amount of fees differs depending on the types of marine equipment, please inquire at the relevant District Transport Bureau for details.

Also please note that when the main manufacturing facility of the product is located outside Japan, applications should be submitted to the Maritime Safety and Environment Department, Ship Safety and Maritime Environment Division at the Kanto District Transport Bureau in Yokohama.

### <Attached documents >

The documents to be attached to the application form are as follows:

#### (1) **Documents related to conformance of the marine equipment with the technical standards**

- (a) Manufacturing specifications describing performance, shape, structure, materials and other attributes of the marine equipment under application;
- (b) Drawings indicating the structure, layout and other details of the marine equipment under application;
- (c) Documents certifying that the marine equipment under application conforms to the technical standards, such as test reports;
- (d) Instruction manuals on usage;
- (e) When the marine equipment has already type approved by a foreign government and the applicant wishes to utilize the test data for the foreign approval, copies of the type approval certificate concerned.

#### (2) **Documents related to manufacturing capacity**

- (a) Manufacturing process for the marine equipment under application (manufacturing flowcharts);
- (b) Manufacturing records (if no record is available for the marine equipment under application, then manufacturing records of similar products);
- (c) Outline and layout of the main facilities for manufacturing of the marine equipment under application;
- (d) Organizational charts of departments concerned with manufacturing and quality control for the marine equipment under application;
- (e) Quality control standards related to the products under application (internal inspection standards such as acceptance inspections for materials and other items, inspections during manufacturing, acceptance inspection for outsourced or purchased goods and final inspection of products).

- \* When the manufacturing or assembly of all or a part of major components of the marine equipment under application is outsourced, quality control standards and materials showing the manufacturing process at the manufacturing facilities of the outsourced business operator should also be attached together with the application.
- \* By submitting a copy of a Quality Management Systems Registration Certificate (limited only to when certification based on ISO9001 has been obtained), the submission of materials (b) through (e) related to manufacturing capacity can be exempted.

### (3) **Other documents**

- (a) Methods of markings (the methods used for marking the name, model, dimensions, manner of use, date of manufacture or serial number);
- (b) Brochures of the marine equipment under application;
- (c) Articles of incorporation
- (d) Company outline of the applicant
- (e) If the marine equipment under application is a **container**, a manufacturer pledge as specified in rule 3, for approval by design type under the provisions of Regulation 5 of Annex I of the International Convention for Safe Containers;
- (f) If the marine equipment under application is **radio equipment** in the notice to stipulate the properties under the exceptional clause of the provisions of Article 6, Paragraph 1 of the Rules for Type Approval of Ships, Craft, Installations, Machinery and Other Ship Related Products which has passed inspections conducted by the Minister of Internal Affairs and Communications under Article 37 of the Radio Law, a copy of the type examination certificate for radio equipment issued under the provisions of Article 9, Paragraph 1 of the Regulations for Type Approval Inspection of Radio Equipment;
- (g) If the marine equipment under application is a **Fire protection material** or Sound insulator,
- (h) When the marine equipment under application is a **specified material for oil removal**, documents indicating the results of the following physical property tests must be attached:

Name of Specified Oil Removal Material	Details of Physical Property Tests
Oil dispersants	<ul style="list-style-type: none"> <li>➤ Test of specific gravity</li> <li>➤ Test of chromaticity</li> <li>➤ Test of properties of fractional distillation</li> </ul>
Oil absorbents	<ul style="list-style-type: none"> <li>➤ Test of content ratio of isotacticity</li> </ul>
Oil gelatinization agents	<ul style="list-style-type: none"> <li>➤ Test of specific gravity</li> <li>➤ Test of chromaticity</li> <li>➤ Analytical test (infrared absorption spectrum measuring test)</li> </ul>
Powder oil gelatinization agents	<ul style="list-style-type: none"> <li>➤ Analytical test (infrared absorption spectrum measuring test)</li> </ul>

Also please note that, as required, the Minister of Land, Infrastructure, Transport and Tourism may request the submission of documents other than those listed above.



## 2.2. Confirmation of manufacturing capacity

The District Transport Bureau which has received the type approval application confirms that the applicant has adequate manufacturing capacity based on the submitted application form and attached documents.

The District Transport Bureau conducts, as necessary, a field verification of the manufacturing facilities to verify that the applicant has adequate manufacturing capacity.

\* When a copy of a **Quality Management Systems Registration Certificate based on ISO9001** relating to the marine equipment under application has been submitted at the time of application, a field verification of manufacturing facilities will not be conducted.

After the confirmation of the manufacturing capacity, the District Transport Bureau transmits the application form and attached documents to the headquarters of Ministry of Land, Infrastructure, Transport and Tourism for the confirmation of conformity to the technical standards.

## 2.3. Conducting type approval tests

In order to confirm that the marine equipment under application conforms to the technical standards, the applicant needs to conduct type approval tests in the presence of an officer of the Ministry of Land, Infrastructure, Transport and Tourism in principle.

When test reports, which have been submitted in accordance with the paragraph (1) (c) of Section 2.1, meet the following specification and contains appropriate details, the whole or a part of the type approval test may be exempted.

### <Specification for the test reports >

Test reports comply with the testing methods and judgment criteria stipulated in the technical standards of the International Maritime Organization (or technical standards in Japanese laws and regulations adopting the international technical standards) and which are one of the listed below:

- (1) Test reports issued by a test facility of the Japanese Government or of a local government in Japan, or by a test facility of a foreign government;
- (2) Test reports issued by a non-governmental test facility In Japan which has laboratory accreditation based on ISO/IEC 17025:2017 (JIS Q 17025:2018) ‘General requirements for the competence of testing and calibration laboratories’ with respect to the tests in question and which has a suitable track record in conducting such tests;
- (3) Test reports issued by a non-governmental test facility in a foreign country which has laboratory accreditation based on ISO/IEC 17025:2017 with respect to the tests in question and which has a suitable track record in conducting such tests (These reports need to have been used for type approval by a foreign government. In addition, for fire protection materials, they needs to be type approved by the governments of Denmark, Estonia, Greece, the Netherlands, Norway, Spain or the United Kingdom, and the reports are issued by a test facility accredited by the governments of said countries.); or
- (4) Test reports for tests conducted in the presence of a surveyor of a Japanese recognized organization (Class NK, Lloyd’s Register Group Limited, DNV AS, American Bureau of Shipping or Bureau Veritas), and whose results bear the signature of a surveyor of

the recognized organization.

Also please note that for radio equipment specified in the Article 6, Paragraph 1 of the Rules for Type Approval of Ships, Craft, Installations, Machinery and Other Ship Related Products which have passed inspections performed by the Minister of Internal Affairs and Communications under Article 37 of the Radio Act, a type approval test will be exempted upon submission of an inspection acceptance certificate for type approval of radio equipment.

## **2.4. Issuance of Type Approval Certificates**

If the marine equipment under application conforms to the standards of type approval and the manufacturing capacity of the manufacturer is deemed appropriate, the Minister of Land, Infrastructure, Transport and Tourism grants type approval for the marine equipment in question, and issues a type approval certificate to the applicant through the District Transport Bureau concerned.

Further, a notice of the type approval of the marine equipment is published in the Official Gazette.

## **2.5. Tips for applicants**

To obtain a type approval certificate, it is necessary for applicants to submit a wide variety of documents, to conduct type approval tests in the presence of an official of the Ministry of Land, Infrastructure, Transport and Tourism and to receive field verification of manufacturing facilities.

Therefore, it is recommended that, when considering an application for type approval, applicants should consult in advance with the related organizations listed under [Appendix 3] at the end of this brochure to avoid any confusion and to ensure that the approval procedures proceed smoothly.

### **3. Changing in the approved marine equipment**

#### **3.1. Approval of changes**

##### **(1) Application for Type Change Approval**

If a person or a company, whose marine equipment has been type approved, wishes to make any **changes to the approved equipment which may affect its performance, etc.**, before commencing the manufacture of the changed product they must submit a **Change Approval Application (in the applicable format from among Forms 4 through 6)** stating the items to be changed and the reasons for such changes, **attached documents (only those documents pertaining to the changes in question)** and the **Statement of Payment of Fees (Form 7)** to the District Transport Bureau under the jurisdiction of the area where the main manufacturing facility of the product is located.

‘Changes which may affect the performance, etc.’ mean that changes to drawings, performance, shape, structure or materials may affect the results of type approval tests for the marine equipment.

The **attached documents** should be prepared so that the new and old versions can be compared to make items the applicant wishes to change easily recognizable.

Revenue stamps equivalent to the amount of fees related to the application for change approval for the model type should be affixed to the **Statement of Payment of Fees**.

Please inquire at the relevant District Transport Bureau for details on the amount of fees.

##### **(2) Type Change Approval Tests**

When seeking to obtain type change approval, the applicant need to conduct type change approval tests in the presence of an officer of the Ministry of Land, Infrastructure, Transport and Tourism in principle to demonstrate the after such changes the marine equipment will still conform to the technical standards.

When test reports meeting the specification described in Section 2.3 are submitted and contains appropriate details, the whole or a part of the type change approval tests may be exempted.

As the test items will differ depending on the changes made, please consult with a District Transport Bureau in advance.

##### **(3) Issuance of a Certificate of Changes of Type Approval**

When, as a result of type change approval tests, the marine equipment under application is deemed to still conform to the technical standards after the changes in question, the Minister of Land, Infrastructure, Transport and Tourism grants approval for the type changes and issues a Certificate of Changes of Type Approval to the applicant through the District Transport Bureau concerned.

Further, a notice of the marine equipment’s type change approval is published in the Official Gazette.

### 3.2. Notification of Changes

If a person or a company, whose marine equipment has been type approved, wishes to make any **changes to the approved equipment that do not affect its performance, etc.**, before commencing the manufacture of the changed product they must submit a **Change Notification Form (in the applicable format from among Forms 8 through 10)** stating the items to be changed and the reasons for such change and **attached documents (only those documents pertaining to the changes in question)** to the District Transport Bureau under the jurisdiction of the area where the main manufacturing facility of the product is located.

‘Changes that do not affect the performance, etc.’ mean changes to drawings, performance, shape, structure or materials do not affect the results of type approval tests for the marine equipment.

Procedure is completed with receipt of the **Change Notification Form** by the District Transport Bureau.

The **attached documents** should be prepared so that the new and old versions can be compared to make items the applicant wishes to change easily recognizable.

Also please note that no fees are required for notification.

#### **4. Notification of changes in the manufacturer**

In any of the following cases, the person or the company whose marine equipment has been approved must promptly submit a **Change Notification Form (in the applicable format from among Forms 8 through 10)** to the District Transport Bureau, etc. under the jurisdiction of the area where the main manufacturing facility of the product is located:

- (a) When there is any change in the name or address of the person or the company whose marine equipment has been type approved;
- (b) When the person or the company whose marine equipment has been type approved dies or is dissolved;
- (c) When there is any change in the name or address of the facility manufacturing products of the approved marine equipment in question;
- (d) When there is any major change in the facilities required for the manufacture of the approved marine equipment in question;
- (e) When the manufacturing business for the approved marine equipment in question is abolished.

Also please note that in the case of (c), for any changes in address that necessitate a change in the District Transport Bureau under the jurisdiction, notification should be provided to the District Transport Bureau for the new address.

## **5. Nullification or cessation of a type approval certificate**

### **(1) Nullification of Type Approval**

If any of the following applies to the person or the company whose marine equipment has been type approved, the type approval will be nullified:

- (a) When the person dies or the company is dissolved;
- (b) When the manufacturing business for the approved marine equipment in question is abolished;
- (c) When the person or the company declines type approval.

### **(2) Cessation of Type Approval**

In any of the following cases, the Minister of Land, Infrastructure, Transport and Tourism may cease the type approval:

- (a) When the approved marine equipment in question no longer conforms to the requirements of technical standards;
- (b) When the person or the company whose marine equipment has been type approved is deemed no longer capable of manufacturing the product to the level of conformance;
- (c) When the person or the company whose marine equipment has been type approved is found to have engaged in improper conduct concerning product verification (Kentei) on the marine equipment in question;
- (d) When the person or the company whose marine equipment has been type approved has failed to apply for approval or to submit notification of any changes in type of the approved marine equipment;
- (e) When the person or the company whose marine equipment has been type approved does not continue to manufacture the approved product in question for a significant period of time;
- (f) Any other cases in which the Minister of Land, Infrastructure, Transport and Tourism deems it especially necessary.

When type approval is nullified or ceased, notification of the nullification or cessation will be published in the Official Gazette.

## 6. Product Verification (Kentei)

### (1) Application

A manufacture whose marine equipment has been type approved can apply for ‘product verification (Kentei)’ with respect to their products.

Product verification is conducted by the **Japan Craft Inspection Organization (JCI) (applicable to products for small craft)** and the **Ship Equipment Inspection Society of Japan (HK) (applicable to products other than those for small craft)**.

When seeking to have product verification carried out, an application form stating the following matters should be submitted to JCI or HK:

- (a) The type approval number, name and model type of the marine equipment for which product verification is being sought;
- (b) The quantity, date of manufacture and serial number of the products for which product verification is being sought;
- (c) The name and address of the facility where the products for which product verification is being sought are manufactured.

### (2) Conducting of product verification

JCI or HK determines a pass or a fail of the product verification by a simplified verification method in order to confirm that a product is identical to the prototype of the marine equipment. Products that passed verification are stamped with a mark (cherry blossom mark) indicating they passed product verification. Please contact JCI or HK for details on the product verification.

Also please note that the manufacturer can be issued a certificate of passing product verification upon request.

### (3) Notes

Products of marine equipment stamped with passed product verification marks (cherry blossom marks) can be installed on board without inspection on the conformance to the technical standards by a ship inspector.

However, please note that when it is deemed possible that the product in question may no longer conform to technical standards since a significant period of time has elapsed since the product in question passed product verification, the product in question may not be exempted from inspections on board.

## 7. Formats for Application/Notification form

### 7.1 Application Form for Type Approval

#### Form 1: Type Approval Application under the Provisions of the Ship Safety Law

<b>Application Form for Type Approval</b>	
The Minister of Land, Infrastructure, Transport and Tourism	Date
Name and Address of Applicant or Operating Name and Address	
<p>I hereby apply for type approval of the following marine equipment under Article 6, Paragraph 5, Item 1 of the Ship Safety Law, in accordance with the provisions of Article 5, Paragraph 1 of the Rules for Type Approval of Ships, Craft, Installations, Machinery and Other Ship Related Products.</p> <p style="text-align: center;">Note</p> <ol style="list-style-type: none"><li>1. Name and type of model for which type is being applied:</li><li>2. Name and address of the facility manufacturing the product for which type approval is being applied:</li></ol> <p>※ The application should be submitted on A4-sized paper in principle.</p>	

Remarks and confirmation;

- (1) Please write the name in above application Note 1. as same as prescribed name of listed marine equipment under Table 1 of the Rules for Type Approval of Ships, Craft, Installations, Machinery and Other Ship Related Products.
- (2) Please write the name and address of the main manufacturing and/or assembly facility in above application Note 2. And please write the outsourced name and address as well, in case of applicant outsource all or a part of major components for the product in question.
- (3) Please read following description, then check a box which you would like.  
The specifications, drawings and all related documents submitted with this type approval application which will be also necessary for product verification (Kentei) by the registered inspection organization (e.g. HK) and JCI after your product is grant type approval.  
From the viewpoint of one-stop service, MLIT is possible to provide these documents (PDF version) to them in order to conduct product verification (Kentei) on behalf of applicant.  
In prior, we would like to confirm your request whether MLIT will provide the documents to them or not. Please note that if there is no check, it's considered as meaning of you deny that MLIT provide the documents to them.

☐ I have request ☐ I don't have request (\*)

(\*) If you do not request, please be advised that you need to directly submit these documents with a copy of the type approval certificate to the registered inspection organization (e.g. HK) or JCI for product verification (Kentei).



## Form 2: Type Approval Application for Marine Pollution Prevention Equipment and Equipment Subject to Air Pollution Prevention Inspection

### Application Form for Type Approval

Date

The Minister of Land, Infrastructure, Transport and Tourism

Name and Address of Applicant or  
Operating Name and Address

I hereby apply for type approval as follows for a type under Article 6, Paragraph 5, Item 1 of the Ship Safety Law which applies *mutatis mutandis* to Article 19, Paragraph 49, Item 1 of the Marine Pollution Prevention Law, in accordance with the provision of Article 5, Paragraph 1 of the Rules for Type Approval of Marine Pollution Prevention Equipment and Equipment Subject to Air Pollution Prevention Inspection.

#### Note

1. Name and type of model for which type approval is being applied:
2. Name and address of the facility manufacturing the product for which type approval is being applied:

※ The application should be submitted on A4-sized paper in principle.

Remarks and confirmation;

- (1) Please write the name in above application Note 1. as same as prescribed name of listed marine equipment under Table 1 of the Rules for Type Approval of Ships, Craft, Installations, Machinery and Other Ship Related Products.
- (2) Please write the name and address of the main manufacturing and/or assembly facility in above application Note 2. And please write the outsourced name and address as well, in case of applicant outsource all or a part of major components for the product in question.
- (3) Please read following description, then check a box which you would like.  
The specifications, drawings and all related documents submitted with this type approval application which will be also necessary for product verification (Kentei) by the registered inspection organization (e.g. HK) and JCI after your product is grant type approval.  
From the viewpoint of one-stop service, MLIT is possible to provide these documents (PDF version) to them in order to conduct product verification (Kentei) on behalf of applicant.  
In prior, we would like to confirm your request whether MLIT will provide the documents to them or not. Please note that if there is no check, it's considered as meaning of you deny that MLIT provide the documents to them.

☐ I have request ☐ I don't have request (\*)

(\*) If you do not request, please be advised that you need to directly submit these documents with a copy of the type approval certificate to the registered inspection organization (e.g. HK) or JCI for product verification (Kentei).

### Form 3: Type Approval Application for Specified Oil Removal Materials

#### Application Form for Type Approval

Date

The Minister of Land, Infrastructure, Transport and Tourism

Name and Address of Applicant or  
Operating Name and Address

I hereby apply for type approval as follows for a type under Article 43, Paragraph 9, Item 1 of the Marine Pollution Prevention Law, in accordance with the provisions of Article 5, Paragraph 1 of the Rules for Type Approval of Marine Pollution Prevention Equipment and Equipment Subject to Air Pollution Prevention Inspection which applies *mutatis mutandis* to Article 37, Paragraph 15, Item 2 of the Regulations for the Enforcement of the Marine Pollution Prevention Law.

#### Note

1. Name and type of model for which type approval is being applied:
2. Name and address of the facility manufacturing the product for which type approval is being applied:

※ The application should be submitted on A4-sized paper in principle.

Remarks and confirmation;

- (1) Please write the name in above application Note 1. as same as prescribed name of listed marine equipment under Table 1 of the Rules for Type Approval of Ships, Craft, Installations, Machinery and Other Ship Related Products.
- (2) Please write the name and address of the main manufacturing and/or assembly facility in above application Note 2. And please write the outsourced name and address as well, in case of applicant outsource all or a part of major components for the product in question.
- (3) Please read following description, then check a box which you would like.  
The specifications, drawings and all related documents submitted with this type approval application which will be also necessary for product verification (Kentei) by the registered inspection organization (e.g. HK) and JCI after your product is grant type approval.  
From the viewpoint of one-stop service, MLIT is possible to provide these documents (PDF version) to them in order to conduct product verification (Kentei) on behalf of applicant.  
In prior, we would like to confirm your request whether MLIT will provide the documents to them or not. Please note that if there is no check, it's considered as meaning of you deny that MLIT provide the documents to them.

☐ I have request ☐ I don't have request (\*)

(\*) If you do not request, please be advised that you need to directly submit these documents with a copy of the type approval certificate to the registered inspection organization (e.g. HK) or JCI for product verification (Kentei).

## 7.2 Application Form for Changes in Type Approval

### Form 4: Application Form for Changes in Type Approval under the Provisions of the Ship Safety Law

<b>Application Form for Changes in Type Approval</b>	
The Minister of Land, Infrastructure, Transport and Tourism	Date
Name and Address of Applicant or Operating Name and Address	
I hereby apply for change approval for the following product type in accordance with the provisions of Article 8 of the Rules for Type Approval of Ships, Craft, Installations, Machinery and Other Ship Related Products.	
Note	
1. Name, model and Type Approval No. of the product for which type change approval is being sought:	
2. Contents of changes:	
3. Reasons for changes:	
※ The application should be submitted on A4-sized paper in principle.	

Remarks and confirmation;

- (1) Please write the name in above application Note 1. as same as prescribed name of listed marine equipment under Table 1 of the Rules for Type Approval of Ships, Craft, Installations, Machinery and Other Ship Related Products.
- (2) Please write the name and address of the main manufacturing and/or assembly facility in above application Note 2. And please write the outsourced name and address as well, in case of applicant outsource all or a part of major components for the product in question.
- (3) Please read following description, then check a box which you would like.  
The specifications, drawings and all related documents submitted with this type approval application which will be also necessary for product verification (Kentei) by the registered inspection organization (e.g. HK) and JCI after your product is grant type approval.  
From the viewpoint of one-stop service, MLIT is possible to provide these documents (PDF version) to them in order to conduct product verification (Kentei) on behalf of applicant.  
In prior, we would like to confirm your request whether MLIT will provide the documents to them or not. Please note that if there is no check, it's considered as meaning of you deny that MLIT provide the documents to them.

☐ I have request ☐ I don't have request (\*)

(\*) If you do not request, please be advised that you need to directly submit these documents with a copy of the type approval certificate to the registered inspection organization (e.g. HK) or JCI for product verification (Kentei).

**Form 5: Application Form for Changes in Type Approval for Marine Pollution Prevention Equipment and Equipment Subject to Air Pollution Prevention Inspection**

<b>Application Form for Changes in Type Approval</b>	
<p>The Minister of Land, Infrastructure, Transport and Tourism</p>	<p>Date</p>
<p>Name and Address of Applicant or Operating Name and Address</p>	
<p>I hereby apply for type change approval for the following approved product under Article 6, Paragraph 5, Item 1 of the Ship Safety Law which applies <i>mutatis mutandis</i> to Article 19, Paragraph 49, Item 1 of the Marine Pollution Prevention Law, in accordance with the provisions of Article 8, Paragraph 1 of the Rules for Type Approval of Marine Pollution Prevention Equipment and Equipment Subject to Air Pollution Prevention Inspection.</p>	
<p>Note</p>	
<ol style="list-style-type: none"> <li>1. Name, model and Type Approval No. of the product for which change approval is being sought:</li> <li>2. Contents of changes:</li> <li>3. Reasons for changes:</li> </ol>	
<p>※ The application should be submitted on A4-sized paper in principle.</p>	

Remarks and confirmation;

- (1) Please write the name in above application Note 1. as same as prescribed name of listed marine equipment under Table 1 of the Rules for Type Approval of Ships, Craft, Installations, Machinery and Other Ship Related Products.
- (2) Please write the name and address of the main manufacturing and/or assembly facility in above application Note 2. And please write the outsourced name and address as well, in case of applicant outsource all or a part of major components for the product in question.
- (3) Please read following description, then check a box which you would like.  
 The specifications, drawings and all related documents submitted with this type approval application which will be also necessary for product verification (Kentei) by the registered inspection organization (e.g. HK) and JCI after your product is grant type approval.  
 From the viewpoint of one-stop service, MLIT is possible to provide these documents (PDF version) to them in order to conduct product verification (Kentei) on behalf of applicant.  
 In prior, we would like to confirm your request whether MLIT will provide the documents to them or not. Please note that if there is no check, it's considered as meaning of you deny that MLIT provide the documents to them.

☐ I have request ☐ I don't have request (\*)

(\*) If you do not request, please be advised that you need to directly submit these documents with a copy of the type approval certificate to the registered inspection organization (e.g. HK) or JCI for product verification (Kentei).

## Form 6: Application Form for Changes in Type Approval for Specified Oil Removal Materials

<b>Application Form for Changes in Type Approval</b>	
The Minister of Land, Infrastructure, Transport and Tourism	Date
Name and Address of Applicant or Operating Name and Address	
<p>I hereby apply for type change approval for the following approved product under Article 43, Paragraph 9, Item 1 of the Marine Pollution Prevention Law, in accordance with the provisions of Article 8, Paragraph 1 of the Rules for Type Approval of Marine Pollution Prevention Equipment and Equipment Subject to Air Pollution Prevention Inspection which applies <i>mutatis mutandis</i> to Article 37, Paragraph 15, Item 2 of the Regulations for the Enforcement of the Marine Pollution Prevention Law.</p>	
Note	
<ol style="list-style-type: none"><li>1. Name, model and Type Approval No. of the product for which change approval is being sought:</li><li>2. Contents of changes:</li><li>3. Reasons for changes:</li></ol>	
※ The application should be submitted on A4-sized paper in principle.	

### Remarks and confirmation;

- (1) Please write the name in above application Note 1. as same as prescribed name of listed marine equipment under Table 1 of the Rules for Type Approval of Ships, Craft, Installations, Machinery and Other Ship Related Products.
- (2) Please write the name and address of the main manufacturing and/or assembly facility in above application Note 2. And please write the outsourced name and address as well, in case of applicant outsource all or a part of major components for the product in question.
- (3) Please read following description, then check a box which you would like.  
The specifications, drawings and all related documents submitted with this type approval application which will be also necessary for product verification (Kentei) by the registered inspection organization (e.g. HK) and JCI after your product is grant type approval.  
From the viewpoint of one-stop service, MLIT is possible to provide these documents (PDF version) to them in order to conduct product verification (Kentei) on behalf of applicant.  
In prior, we would like to confirm your request whether MLIT will provide the documents to them or not. Please note that if there is no check, it's considered as meaning of you deny that MLIT provide the documents to them.

☐ I have request ☐ I don't have request (\*)

(\*) If you do not request, please be advised that you need to directly submit these documents with a copy of the type approval certificate to the registered inspection organization (e.g. HK) or JCI for product verification (Kentei).

## Form 7: Statement of Payment of Fees

<b>Statement of Payment of Fees</b>	
Date	
The Minister of Land, Infrastructure, Transport and Tourism	
Name and Address of Applicant or Operating Name and Address	
Please be notified that payment of fees has been made for the following items as described below.	
The item for which application was made: Amount of fees: Remarks:	
<div style="border: 1px solid black; padding: 10px; width: 100px; margin: 0 auto;">Revenue Stamp</div>	
※ The application should be submitted on A4-sized paper in principle.	

Revenue stamps equivalent to the amount of fees related to the application for type approval should be affixed to the Statement of Payment of Fees. Inquire at the relevant application counter for details on the amount of fees.

### 7.3 Notification of Change in Type Approval Format of Notifications

#### Form 8: Notification of Change in Type Approval under the Provisions of the Ship Safety Law

<b>Notification of Change in Type Approval</b>	
<p>The Minister of Land, Infrastructure, Transport and Tourism</p>	<p style="text-align: right;">Date</p>
<p>Name and Address of Applicant or Operating Name and Address</p>	
<p>I hereby submit this notification of changes in the type of the following product in accordance with Article 9 of the Rules for Type Approval of Ships, Craft, Installations, Machinery and Other Ship Related Products.</p>	
<p>Note</p>	
<ol style="list-style-type: none"> <li>1. Name, model and Type Approval No. of the product subject to the notification:</li> <li>2. Name and address of the facility manufacturing the product:</li> <li>3. Contents of changes:</li> <li>4. Reasons for changes:</li> <li>5. Date of changes:</li> </ol>	
<p>※ The application should be submitted on A4-sized paper in principle.</p>	

Remarks and confirmation;

- (1) Please write the name in above application Note 1. as same as prescribed name of listed marine equipment under Table 1 of the Rules for Type Approval of Ships, Craft, Installations, Machinery and Other Ship Related Products.
- (2) Please write the name and address of the main manufacturing and/or assembly facility in above application Note 2. And please write the outsourced name and address as well, in case of applicant outsource all or a part of major components for the product in question.
- (3) Please read following description, then check a box which you would like.  
 The specifications, drawings and all related documents submitted with this type approval application which will be also necessary for product verification (Kentei) by the registered inspection organization (e.g. HK) and JCI after your product is grant type approval.  
 From the viewpoint of one-stop service, MLIT is possible to provide these documents (PDF version) to them in order to conduct product verification (Kentei) on behalf of applicant.  
 In prior, we would like to confirm your request whether MLIT will provide the documents to them or not. Please note that if there is no check, it's considered as meaning of you deny that MLIT provide the documents to them.

☐ I have request ☐ I don't have request (\*)

(\*) If you do not request, please be advised that you need to directly submit these documents with a copy of the type approval certificate to the registered inspection organization (e.g. HK) or JCI for product verification (Kentei).

**Form 9: Notification of Change in Type Approval for Marine Pollution Prevention Equipment and Equipment Subject to Air Pollution Prevention Inspection**

**Notification of Change in Type Approval**

Date

The Minister of Land, Infrastructure, Transport and Tourism

Name and Address of Applicant or  
Operating Name and Address

I hereby submit this notification of changes in the type of the following product under Article 6, Paragraph 5, Item 1 of the Ship Safety Law which applies *mutatis mutandis* to Article 19, Paragraph 49, Item 1 of the Marine Pollution Prevention Law, in accordance with the provisions of Article 9 of the Rules for Type Approval of Marine Pollution Prevention Equipment and Equipment Subject to Air Pollution Prevention Inspection.

**Note**

1. Name, model and Type Approval No. of the product subject to the notification:
2. Name and address of the facility manufacturing the product:
3. Contents of changes:
4. Reasons for changes:
5. Date of changes:

※ The application should be submitted on A4-sized paper in principle.

**Remarks and confirmation;**

- (1) Please write the name in above application Note 1. as same as prescribed name of listed marine equipment under Table 1 of the Rules for Type Approval of Ships, Craft, Installations, Machinery and Other Ship Related Products.
- (2) Please write the name and address of the main manufacturing and/or assembly facility in above application Note 2. And please write the outsourced name and address as well, in case of applicant outsource all or a part of major components for the product in question.
- (3) Please read following description, then check a box which you would like.  
The specifications, drawings and all related documents submitted with this type approval application which will be also necessary for product verification (Kentei) by the registered inspection organization (e.g. HK) and JCI after your product is grant type approval.  
From the viewpoint of one-stop service, MLIT is possible to provide these documents (PDF version) to them in order to conduct product verification (Kentei) on behalf of applicant.  
In prior, we would like to confirm your request whether MLIT will provide the documents to them or not. Please note that if there is no check, it's considered as meaning of you deny that MLIT provide the documents to them.

☐ I have request ☐ I don't have request (\*)

(\*) If you do not request, please be advised that you need to directly submit these documents with a copy of the type approval certificate to the registered inspection organization (e.g. HK) or JCI for product verification (Kentei).



## Form 10: Notification of Change in Type Approval for Specified Oil Removal Materials

### Notification of Change in Type Approval

Date

The Minister of Land, Infrastructure, Transport and Tourism

Name and Address of Applicant or  
Operating Name and Address

I hereby submit this notification of changes in the type of the following product under Article 43, Paragraph 9, Item 1 of the Marine Pollution Prevention Law, in accordance with the provisions of Article 9 of the Rules for Type Approval of Marine Pollution Prevention Equipment and Equipment Subject to Air Pollution Prevention Inspection which applies *mutatis mutandis* to Article 37, Paragraph 15, Item 2 of the Regulations for the Enforcement of the Marine Pollution Prevention Law.

#### Note

1. Name, model and Type Approval No. of the product subject to the notification:
2. Name and address of the facility manufacturing the product:
3. Contents of changes:
4. Reasons for changes:
5. Date of changes:

※ The application should be submitted on A4-sized paper in principle.

#### Remarks and confirmation;

- (1) Please write the name in above application Note 1. as same as prescribed name of listed marine equipment under Table 1 of the Rules for Type Approval of Ships, Craft, Installations, Machinery and Other Ship Related Products.
- (2) Please write the name and address of the main manufacturing and/or assembly facility in above application Note 2. And please write the outsourced name and address as well, in case of applicant outsource all or a part of major components for the product in question.
- (3) Please read following description, then check a box which you would like.  
The specifications, drawings and all related documents submitted with this type approval application which will be also necessary for product verification (Kentei) by the registered inspection organization (e.g. HK) and JCI after your product is grant type approval.  
From the viewpoint of one-stop service, MLIT is possible to provide these documents (PDF version) to them in order to conduct product verification (Kentei) on behalf of applicant.  
In prior, we would like to confirm your request whether MLIT will provide the documents to them or not. Please note that if there is no check, it's considered as meaning of you deny that MLIT provide the documents to them.

☐ I have request ☐ I don't have request (\*)

(\*) If you do not request, please be advised that you need to directly submit these documents with a copy of the type approval certificate to the registered inspection organization (e.g. HK) or JCI for product verification (Kentei).

## **[Appendix 1] List of Marine Equipment Subject to Type Approval**

### **Marine equipment falling under the provisions of the Ship Safety Law**

- (1) Hatch Tarpaulins
- (2) Clothes of Hatch Tarpaulins
- (3) Waterproof Clothes of Hatch Tarpaulins
- (4) Noncombustible materials
- (5) Materials for fire retarding doors, fire retarding windows, fire dampers and other partitions
- (6) Smoke damper
- (7) Furniture and fittings with a minimal risk of fire
- (8) Power-operated opening and closing mechanisms for fire retarding doors
- (9) Insulating material in the tube assembly of cooling equipment
- (10) Moisture-proof surface materials for the insulating material of cooling equipment
- (11) Adhesives for the insulating material of cooling equipment
- (12) Surface finish materials
- (13) Acoustic insulation between accommodation spaces
- (14) Internal-combustion engines
- (15) Outboard/inboard motors
- (16) Outboard motors
- (17) Flood warning systems
- (18) Automatic steering systems
- (19) Breathing protectors
- (20) Breathing protector filters
- (21) Lifeboats
- (22) Liferafts
- (23) Buoyant apparatus
- (24) Rescue boats
- (25) Lifebuoys
- (26) Lifelines for lifebuoys
- (27) Lifejackets
- (28) Lifebuoys for small ships
- (29) Lifecushions for small ships
- (30) Buoyancy aids for small ships
- (31) Immersion suits
- (32) Exposure-resistant clothing
- (33) Gas generators for life-saving appliances
- (34) Canopy-top lights

- (35) Inside lights
- (36) Manual pumps
- (37) Internal combustion engines for lifeboats or rescue boats
- (38) Release hook of falls
- (39) Outboard motors for rescue boats
- (40) Equipment for lifeboats, liferafts or rescue boats
  - ① Compasses
  - ② Sea-anchors
  - ③ Food rations
  - ④ Drinking water
  - ⑤ Desalinators
  - ⑥ First-aid outfits
  - ⑦ Thermal protective aids
  - ⑧ Watertight electric lamps
  - ⑨ Sunlight signaling mirrors
  - ⑩ Radar reflectors
  - ⑪ Dye markers
- (41) Line-throwing appliances
- (42) Projectiles of line-throwing appliances
- (43) Lifelines of line-throwing appliances
- (44) Support boats for liferafts
- (45) Self-igniting lights
- (46) Self-activating smoke signals
- (47) Lifejacket lights
- (48) Rocket parachute flares
- (49) Rocket flares
- (50) Hand flares
- (51) Buoyant smoke signals
- (52) Free-floating polar orbiting satellite EPIRBs
- (53) Polar orbiting satellite EPIRBs for small ships
- (54) Radar transponders
- (55) AIS search and rescue transmitters
- (56) Portable two-way radiotelephone apparatus
- (57) Fixed two-way radiotelephone apparatus
- (58) Searchlights
- (59) Retro-reflective materials
- (60) Auto release devices
- (61) Weak links
- (62) Marine evacuation systems
- (63) Water mist lance

- (64) Mobile water monitor
- (65) Sprinkler heads
- (66) Engine room localized fire-extinguishing systems
- (67) Fire extinguishers
- (68) Fire extinguishing agents
- (69) Personal equipment (except electric safety lamps and axes.)
- (70) Safety lights
- (71) Breathing apparatus
  - ① Smoke proof helmets
  - ② Smoke masks
  - ③ Self-contained breathing apparatus
  - ④ Air line breathing apparatus
- (72) Emergency markings
- (73) Battery-powered emergency lighting units
- (74) Portable electric lights
- (75) Breathing apparatus for emergency egress
- (76) Navigation lights
- (77) Shapes
- (78) Signal lamps
- (79) Whistles
- (80) Bells
- (81) Gongs
- (82) Electronic chart display and information system (ECDIS)
- (83) NAVTEX receivers
- (84) Enhanced group call (EGC) receivers
- (85) Marine radar
- (86) Electronic plotting aids
- (87) Automatic tracking aids
- (88) Automatic radar plotting aids
- (89) Magnetic compass boards
- (90) Gyro compasses
- (91) Gyro compass repeaters
- (92) Transmitting heading devices
- (93) Echo-sounders
- (94) Satellite positioning devices
- (95) Ship speed and distance meters
- (96) Rate-of-turn indicators
- (97) Acoustic receivers
- (98) Automatic identification system
- (99) Voyage Data Recorder

- (100) Simplified Voyage Data Recorder
- (101) VHF, MF or HF digital selective calling (DSC) encoders
- (102) VHF, MF or HF digital selective calling (DSC) watch receivers
- (103) Bridge navigation watch alarm system
- (104) Radar reflectors for collision prevention
- (105) Sea anchors
- (106) Cargo-loading hoses
- (107) Portable mechanical ventilating devices
- (108) Portable gas detectors
- (109) Deck washing machines
- (110) Containers
- (111) Working life-saving clothing
- (112) Complete protective suits

## **Marine equipment falling under the provisions of the Marine Pollution Prevention Law**

### **1. Marine Pollution Prevention Equipment and Equipment Subject to Air Pollution Prevention Inspection**

- (1) Oily water separators
- (2) Oil content monitoring systems for bilge water discharge
- (3) Oil content meters
- (4) Flow meters
- (5) Ship speed meters
- (6) Oil content monitoring and recording devices of oil discharge monitoring and control systems for ballast water discharge
- (7) Oil/water interface detectors
- (8) Tank washing machines
- (9) Ventilation systems
- (10) Purification systems for excrement, etc.
- (11) Exhaust gas monitoring device/ Emission monitoring system
- (12) Washwater monitoring system
- (13) Liquid level instrumentation
- (14) Pressure instrumentation
- (15) High liquid level warning systems
- (16) Aerators
- (17) Incineration systems for ship-produced oil, etc.
- (18) Pulverizers

## **2. Specified Oil Removal Materials**

- (1) Oil booms
- (2) Oil dispersants
- (3) Oil absorbents
  - ① Oil absorbents (mat shaped)
  - ② Oil absorbents (rope shaped)
- (4) Oil gelatinization agents
  - ① Liquid oil gelatinization agents
  - ② Powder oil gelatinization agents

## **[Appendix 2] Contact Details of Organizations Related to Type Approval**

### **Type Approval-related Organizations**

#### **Ministry of Land, Infrastructure, Transport and Tourism (MLIT)**

Inspection and Measurement Division, Maritime Bureau

Address: 2-1-3, Kasumigaseki, Chiyoda-ku, Tokyo

E-mail: [hqt-jg\\_typeapproval@gxb.mlit.go.jp](mailto:hqt-jg_typeapproval@gxb.mlit.go.jp)

### **District Transport Bureaus of the MLIT**

#### **Hokkaido District Transport Bureau**

Ship Safety and Maritime Environment Division, Maritime Safety and Environment  
Department

Address: 10 Odori-nishi, Chuo-ku, Sapporo-shi, Hokkaido

Tel: +81-(0)11-290-2771

#### **Tohoku District Transport Bureau**

Ship Safety and Maritime Environment Division, Maritime Safety and Environment  
Department

Address: 1 Teppo-machi, Miyagino-ku, Sendai-shi, Miyagi

Tel: +81-(0)22-791-7516

#### **Hokuriku-Shin'etsu District Transport Bureau**

Ship Safety and Maritime Environment Division, Maritime Department

Address: 1-2-1, Miski-machi, Cyuo-ku, Niigata-shi

Tel: +81-(0)25-285-9165

#### **Kanto District Transport Bureau**

Ship Safety and Maritime Environment Division, Maritime Safety and Environment  
Department

Address: 5-57 Kitanakadori, Naka-ku, Yokohama-shi, Kanagawa

Tel: +81-(0)45-211-7225

**Chubu District Transport Bureau**

Ship Safety and Maritime Environment Division, Maritime Safety and Environment  
Department

Address: 2-2-1, Sannomaru, Naka-ku, Nagoya-shi

Tel: +81-(0)52-952-8021

**Kinki District Transport Bureau**

Ship Safety and Maritime Environment Division, Maritime Safety and Environment  
Department

Address: 4-1-76, Ohtemae, Chuo-ku, Osaka-shi

Tel: +81-(0)6-6949-6426

**Kobe District Transport Bureau**

Ship Safety and Maritime Environment Division, Maritime Safety and Environment  
Department

Address: 1-1, Hatoba-cho, Chuo-ku, Kobe-shi, Hyogo

Tel: +81-(0)78-321-7052

**Chugoku District Transport Bureau**

Ship Safety and Maritime Environment Division, Maritime Safety and Environment  
Department

Address: 6-30 Kami-Hachobori, Naka-ku, Hiroshima-shi

Tel: +81-(0)82-228-8794

**Shikoku District Transport Bureau**

Ship Safety and Maritime Environment Division, Maritime Safety and Environment  
Department

Address: 3-33 Sanpohto, Takamatsu-shi, Kagawa

Tel: +81-(0)87-802-6825

**Kyushu District Transport Bureau**

Ship Safety and Maritime Environment Division, Maritime Safety and Environment  
Department

Address: 2-11-1 Hakata-eki-higashi, Hakata-ku, Fukuoka-shi

Tel: +81-(0)92-472-3174



**Okinawa General Bureau**

Ship and Seafarer Division, Transportation Department

Address: 2-1-1 Omoromachi, Naha-shi, Okinawa

Tel: +81-(0)98-866-1838

**Product verification-related Organizations****Japan Craft Inspection Organization (JCI)**

Planning Department

Address: 4-1-3 Kudanshita, Chiyoda-ku, Tokyo

Tel: +81-(0)3-3239-0821

**Ship Equipment Inspection Society of Japan (HK)**

Verification Department

Address: 3-32, Kioi-cho, Chiyoda-ku, Tokyo

Tel: +81-(0)3-3261-6611

**Manufacturers-related Group****Japan Ship-Machinery Quality Control Association**

Address: 2-2-6, Bakuro-cho, Nihonbashi, Chuo-ku, Tokyo

Tel: +81-(0)3-6661-6019