

Subject

Equipment for the Singapore flag vessels

# **ClassNK**

## **Technical Information**

No. TEC-1045

Date 28 August 2015

To whom it may concern

Regarding the requirement for equipment installed Singapore registered ships that ClassNK Technical Information No. TEC-0922 issued on 22 August 2012, the Maritime and Port Authority of Singapore (MPA) has notified its amended requirement as Survey Circular No.1/2015. Accordingly, we will deal with the matter as mentioned below and appreciate your proper action. (Please refer to attachment 1, Survey Circular No.1/2015)

This Technical Information supersedes the previous ClassNK Technical Information No. TEC-0922 dated 22 August 2012 and ClassNK Technical Information No. TEC-0994 dated 31 July 2014.

### 1. Requirements for equipment by MPA

The equipment (\*) shall be any of the followings:

- (1) Type-approved equipment by ClassNK, or type-approved equipment by the Recognised Organisations (ROs) (\*\*) authorized by MPA if it is not required to be type-approved by ClassNK.
- (2) Type-approved equipment under the Council Directive 96/98/EC on Marine Equipment (MED) by ClassNK, or type-approved equipment under MED by ROs authorized by MPA if it is not required to be type-approved by ClassNK.
- (3) Equipment that is approved by US or Japan administration (\*\*\*) whose approval process is recognized by MPA.
- (4) Equipment that is accepted by MPA, if it is other than those approved in accordance with (1), (2) or (3) above.
- (5) Type-approved equipment under MED by notified body other than ROs, or type-approved equipment by other administrations (deemed appropriate by ClassNK only)
- (6) Equipment that ClassNK's Surveys confirm to be acceptable, if it is already provided on board before 1 September 2015.

(\*) The equipment in this requirement means equipment which shall be required to be type-approved by the Administration under any International Convention or associated Code. It is essentially based on Annex A.1 List of the Council Directive.

The said Directive is posted below.

URL: <http://www.classnk.or.jp/hp/pdf/activities/statutory/ec/medlist.pdf>

(\*\*) ROs (ABS, BV, CCS, DNVGL, KR, LR, ClassNK and RINA) include their subsidiaries.

(To be continued)

#### NOTES:

- ClassNK Technical Information is provided only for the purpose of supplying current information to its readers.
- ClassNK, its officers, employees and agents or sub-contractors do not warrant the accuracy of the information contained herein and are not liable for any loss, damage or expense sustained whatsoever by any person caused by use of or reliance on this information.
- Back numbers are available on ClassNK Internet Homepage (URL: [www.classnk.or.jp](http://www.classnk.or.jp)).

(\*\*\*) : Equipment that is type-approved and certified by Nippon Hakuyohin Kentei Kyokai (HK) on behalf of the Government of Japan (JG) or, equipment that is acceptable upon inspection, verification and testing (as applicable) by HK on behalf of JG based on prototype approvals by JG

Where the equipment of item (4) above is installed on board, detailed documents (certificates or testing reports, etc.) are to be submitted through ClassNK to MPA for their review and acceptance. The documents may be submitted to MPA directly by the manufacturer/ships owner.

The contact point of MPA is as follow:

Maritime and Port Authority of Singapore  
Shipping Division  
Ship Safety Dept  
Tel.: +65-6375-6232  
Fax: +65-6375-6231  
E-mail: [shipping@mpa.gov.sg](mailto:shipping@mpa.gov.sg)

2. Time of confirmation and issuance of Statement of Acceptance (SOA) and List of approved equipment

When all equipment for use on-board are confirmed to comply with the requirement of MPA, we will issue a Statement of Acceptance (SOA) and the List of approved equipment if necessary according to followings;

(1) For ships that the building contract of which is placed before 1 September 2015, or in the absence of the building contract, the keel of which is laid or which is at a similar stage of construction before 1 September 2015, and for ships changed of Class or Flag:

(i) For ships without SOA;

At the time of delivery or at the first scheduled periodical survey of the safety construction certificate, NK will issue SOA only. Such SOA is to be provided on-board not later than 31 December 2015. Statement which was issued in accordance with TEC-0922 is also acceptable.

(ii) For ships keeping SOA;

In case where ships have SOA which was issued in accordance with TEC-0922, the new SOA is to be issued in accordance with this technical information not later than expire dates of the previous statement.

(To be continued)

(iii) In case of equipment change (replaced or newly installed)

ClassNK is to confirm whether equipment are comply with 1. above and issue new SOA. List of approved equipment including new equipment is to be attached to the SOA. If the existing equipment is changed, we would appreciate it if you submit the list of new equipment at periodical survey. When a ship's owners prepare the List of approved equipment, please refer to a sample list in Survey Circular No.1/2015 and posted below sample of the List of approved equipment. Please note that where existing equipment under 1.(6) above are replaced, new equipment is to be comply with 1.(1), (2), or (3) above.

Form of the List of approved equipment is posted below, please down load and use a form.

Form of the List of approved equipment;

URL:

[http://www.classnk.or.jp/hp/pdf/activities/statutory/solas/faq/soa-splist\\_rev2018.xlsx](http://www.classnk.or.jp/hp/pdf/activities/statutory/solas/faq/soa-splist_rev2018.xlsx)

(2) For ships other than 2.(1) above:

- (i) At initial surveys for the issuance of statutory certificates, ClassNK will issue SOA and List of approved equipment including all installed equipment.
- (ii) In case where existing equipment on the ship is replaced or when new equipment is installed, ClassNK will issue new SOA. We would appreciate it if you submit the list of approved equipment listed newly installed equipment only as same in 2.(1)(iii) above.

For any questions about the above, please contact:

[For new construction ship]

NIPPON KAIJI KYOKAI (ClassNK)

Material and Equipment Department, Administration Center Annex, Head Office

Address: 3-3 Kioi-cho, Chiyoda-ku, Tokyo 102-0094, Japan

Tel.: +81-3-5226-2020

Fax: +81-3-5226-2057

E-mail: [eqd@classnk.or.jp](mailto:eqd@classnk.or.jp)

[For existing ship]

Survey Operations Headquarters, Administration Center Annex, Head Office

Address: 3-3 Kioi-cho, Chiyoda-ku, Tokyo 102-0094, Japan

Tel.: +81-3-5226-2027 / 2028

Fax: +81-3-5226-2029

E-mail: [svd@classnk.or.jp](mailto:svd@classnk.or.jp)

Attachment:

1. Survey Circular No.1/2015
2. Sample of Statement of Acceptance (SOA)
3. Sample of the List of approval equipment



Maritime and Port Authority of Singapore  
Shipping Division  
Ship Safety Dept  
460 Alexandra Road  
21st Storey, PSA Building  
Singapore 119963  
Republic of Singapore  
Telephone : (65) 6375 6232  
Facsimile : (65) 6375 6231  
email : [shipping@mpa.gov.sg](mailto:shipping@mpa.gov.sg)

Our Ref: FSC 7.07

Date: 01 June 2015

AMERICAN BUREAU OF SHIPPING (ABS)  
BUREAU VERITAS (BV)  
CHINA CLASSIFICATION SOCIETY (CCS)  
DNV GL AS  
KOREAN REGISTER OF SHIPPING (KR)  
LLOYD'S REGISTER ASIA (LR)  
NIPPON KAIJI KYOKAI (NK)  
REGISTRO ITALIANO NAVALE (RINA)

### **SURVEY CIRCULAR No. 1/2015**

#### **ACCEPTANCE OF MARINE EQUIPMENT FOR USE ON SINGAPORE SHIPS**

This circular amends the scope of the Recognised Organisations (ROs) to approve and accept marine equipment for use on Singapore ships. It supercedes Survey Circular No. 1/2012 dated 01 June 2012. Survey Circular No. 2/2014 dated 27 January 2014 remains valid and will supplement this circular.

2 This circular applies to existing and new Singapore ships. Existing ships refer to ships, the building contract of which is placed before 01 September 2015, or in the absence of a building contract, the keel of which is laid or which is at a similar stage of construction before 01 September 2015. New ships are those which are not existing ships.

3 IMO Conventions require marine equipment, fittings, systems, etc. on ships to be tested and approved by the Administration to ensure they comply with the requirements of applicable provisions of the Conventions, Codes, specifications, performance standards and guidelines developed by the IMO. The RO is authorised to approve and accept the equipment for use on Singapore ships on behalf of MPA when:

- a. The equipment is approved and fully certificated to the applicable IMO requirements<sup>1</sup> by any of the ROs<sup>2</sup>. Such approved equipment shall bear the marking of the RO that carried out the type approval. The marking shall be traceable to the certification and test documentation for the equipment;

---

<sup>1</sup>These include the Convention regulations, associated Codes, specifications, performance standards and guidelines developed by the IMO.

<sup>2</sup> ABS, BV, CCS, DNV GL, KR, LR, NK, and RINA

or,

b. The equipment is approved by the RO or by a duly authorised Notified Body under the Marine Equipment Directive 96/98/EC (EC MED) and issued with valid and appropriate MED Certificates, and marked accordingly;

or,

c. The equipment is approved by another SOLAS/ MARPOL contracting government<sup>3</sup> whose approval process is recognized by MPA.

4 The ROs are authorised to accept the equipment after verifying the following applicable documentation:

- The equipment is appropriately approved by a Notified Body under the EC MED with the applicable IMO requirements identified on the Module Certificates and which take into account the construction date of the vessel and latest requirements;
- The type-approval or approval certificates issued by the RO or government are valid.

In the absence of any proper documentation, the ROs shall not accept the equipment.

5 When the equipment is not approved in accordance with paragraph 3, the RO may submit their recommendation with the relevant documents to MPA for consideration.

6 For equipment that is already provided on the vessel before 01 September 2015 and which does not have approval marking or certification, the equipment is acceptable for use on board, provided:

- a. it is in good working condition; and
- b. it is to the satisfaction of the RO.

If the equipment is subsequently replaced, it shall be replaced in accordance with paragraph 3.

7 To provide documentary evidence for traceability, the attending surveyor of the RO shall issue a Statement of Acceptance (SOA), together with the list of approved equipment, to the vessel in accordance with the format as shown in the attached sample SOA and list of approved equipment.

8 For existing ships, including change of Class and change of Flag:

- The SOA shall be issued and/or verified by the attending surveyor during the vessel's forthcoming Annual/ Renewal statutory surveys, but not later than 31 December 2015.
- The list of approved equipment shall be issued whenever existing equipment on the vessel is replaced or when new equipment is installed on board after 01 September 2015.

9 For new ships:

- The SOA, together with the list of approved equipment, shall be issued at the initial surveys for the issuance of statutory certificates.

---

<sup>3</sup> US, Japan Administrations

10 The list of approved equipment should be updated accordingly and reflect the latest date of update whenever existing equipment on the vessel is replaced or when new equipment is installed on board. It shall be kept on board together with the SOA. The SOA, and the list of approved equipment, if applicable, shall be verified by the attending surveyor during the vessel's Annual and Renewal statutory surveys.



BIONDI PHUA  
For DIRECTOR OF MARINE  
MARITIME AND PORT AUTHORITY OF SINGAPORE



Name of vessel:  
 IMO Number:  
 Issue date: (date to be of latest update)

**DETAILS OF APPROVED EQUIPMENT FOR USE ON SINGAPORE SHIP**

NO.	EQUIPMENT	REGULATIONS AND IMO STANDARDS FOR APPROVAL	APPROVAL BODY AND DETAILS
1	Description of equipment Name of equipment Type/Model No. (if any) Maker/Manufacturer	State: Applicable IMO regulations Identification of IMO performance standards and, where relevant, test standards	Identity of certification body Certificate type and number Issue date of certificate
Sample	Speed and Distance Measuring Equipment (SDME)  Type: "DS-80"  Manufacturer: Furuno Electric Co., Ltd. 9-52 Ashihara-cho, Nishinomiya City, Hyogo, 662-8580, JAPAN	SOLAS Reg V/18, V/19.2.3.4 and V/19.2.9.2; IEC 61023, Ed 3.0, 2007; IEC 60945, Ed 4.0, 2002 incl. Corr. 1, 2008; IEC 61162-1 Ed 4.0, 2010; IEC 62288 Ed 1.0, 2008; <i>Test standards conforming to performance standards not inferior to those contained in IMO Res A.694(17), A.824(19), MSC.96(72) and MSC.191(79);</i>	BSH-Cert, Navigation and Radiocommunication Equipment at the Federal Maritime and Hydrographic Agency, Notified Body No. 0735, Germany  EC Type Examination (Module B) Certificate No. BSH/4581/001/4072565/13 Issue date: 12-December-2013 And EC Quality System Certificate (Module D) Certificate No. BSH/4613/02208/2345/12 Issue date: 28-November-2012





**(SAMPLE)**

**STATEMENT OF ACCEPTANCE**  
**Type-approved Equipment for Singapore Registered Ships**  
**(No.15TKxxxx-SOA-SP)**  
**Issued under the Authority of the Government of Singapore**

Name of vessel :  
Class No. :  
Official No. :  
IMO No. :  
Type of vessel :  
Date of building contract (if any) :  
Keel Laid Date :  
Gross Tonnage :

1. This is to confirm that the equipment<sup>1</sup> on board the above-named vessel is considered as acceptable on the basis that:

a. The equipment is type-approved and fully certificated to the applicable IMO requirements by any of ROs<sup>2</sup>. Such approved equipment shall bear the marking of the RO that carried out the type approval. The marking shall be traceable to the certification and test documentation for the equipment.

or,

b. The equipment is type-approved by the RO or by duly authorised Notified Body under Marine Equipment Directive 96/98/EC (EC MED) and issued with valid and appropriate MED Certificate and marked accordingly.

or,

c. The equipment is type-approved by another SOLAS/MARPOL contracting government<sup>3</sup> whose approval process is recognized by MPA Singapore.

2. Existing equipment already provided on board before 1 September 2015 and which does not have approval marking or certification has been assessed and deemed to be acceptable for use by this Classification Society.

Issued at \_\_\_\_\_ on \_\_\_\_\_ .

---

**NIPPON KAIJI KYOKAI**

<sup>1</sup> Refer to appendix 1 for the List of Approval Equipment  
This list is issued to:

- existing ships (building contract is placed before 01 September 2015, or In the absence of a building contract, the keel of which is laid or which is at a similar stage of construction before 01 September 2015 whenever existing equipment on the vessel is replaced or when new equipment is installed on board after 1 September 2015.
- new ships at the initial surveys for the issuance of statutory certificates

<sup>2</sup> ABS, BV, CCS, DNV GL, KR, LR, NK, and RINA

<sup>3</sup> US, Japan Administrations

# Example

## Appendix 1 The List of Approved Equipment for Use on Singapore Ship

Name of vessel: \*\*\*\*\*

IMO Number: IMO \*\*\*\*\*

Issue date: DD/MM/YYYY (date to be of latest update)

Signed: \_\_\_\_\_  
Surveyor to NIPPON KAIJIKYOKAI

No.	Item designation	Regulation SOLAS 74, as amended, where "type approval" is required	Regulations of SOLAS 74, as amended, and the relevant resolutions and circulars of the IMO, as applicable	Testing standards	Approval Body and Details
1	2	3	4	5	6
A.1/4.7	Speed and distance measuring equipment (SDME)  Type: DS-80 Manufacture: XXXX Electric Co., Ltd.	— Reg. V/18, — Reg. X/3, — IMO Res. MSC.36(63)-(1994 HSC Code) 13, — IMO Res. MSC.97(73)-(2000 HSC Code) 13.	— Reg. V/19, — IMO Res. A.694(17), — IMO Res. A.824(19), — IMO Res. MSC.36(63)-(1994 HSC Code) 13, — IMO Res. MSC.96(72), — IMO Res. MSC.97(73)-(2000 HSC Code) 13, — IMO Res. MSC.191(79).	— EN 60945 (2002) including IEC 60945 Corrigendum 1 (2008), — EN 61023 (2007), — EN 61162 series, — EN 62288 (2008).  Or, — IEC 60945 (2002) including IEC 60945 Corrigendum 1 (2008), — IEC 61023 (2007), — IEC 61162 series, — IEC 62288 Ed.1.0(2008).	EC Type Examination (Module B) Certificate No.BSH/4581/001/4072565/13 Issue date: 12 Dec. 2013  EC Quality System Certificate (Module D) Certificate No.BSH/4613/02208/2345/12 Issue date: 28 Nov. 2012