

Subject

EC type-examination and other Conformity assessments under Council Directive 96/98/EC on Marine Equipment, as amended

# **ClassNK**

## ***Technical Information***

No. TEC-0515  
Date 15 April 2003

To whom it may concern

It has already been informed by ClassNK Technical Information No. TEC-0423 of 18 October 2001 about the service of EC type-examination and other Conformity assessments under Council Directive 96/98/EC on Marine Equipment, as amended. In this connection, please note that the list of items for which the Society is authorised to conduct EC type-examination and other Conformity assessments has been updated due to amendment of the Directive.

ClassNK Technical Information No. TEC-0423 has been superseded accordingly.

For any questions about the above, please contact:

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Attachment:

1. Supplementary note
2. Application form

NOTES:

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Attachment 1. to  
ClassNK Technical Information No. TEC-0515

### Supplementary Note

Council Directive 96/98/EC on marine equipment, as amended is implemented by fifteen EU Member States, and Norway and Iceland (Note 1).

In pursuance of the Directive, the equipment, if placed on board ships for which statutory certificates are issued by or on behalf of these states, or if replaced, on or after 1 January 1999, shall be manufactured in accordance with the Directive, and shall be affixed with the “wheel mark”.

As a further amendment to the Council Directive 96/98 EC on marine equipment, Commission Directive 2002/75/EC was published with the Official Journal of the European Communities on 23rd September 2002 and entered into force on that date. The main parts of this amendment are revision of applicable items and testing standards in Annex A of the Directive.

For the details of the Directive, please refer to EU’s home page (<http://europa.eu.int/eur-lex/en/>).

In this respect, Nippon Kaiji Kyokai - NK Rotterdam, Notified Body 0849, authorized by the Government of The Netherlands offers the service of EC type-examination and other Conformity assessments for the equipment related to life-saving appliances, marine-pollution prevention and fire protection listed in Annex A1 of the Directive.

The revised A1 list of equipment for which the Society is authorized to conduct EC type-examination and other Conformity assessments according the Modules (Note 2) applicable to the equipment, is shown in table 1, 2 and 3. Shading in the tables means the parts of the A1 list revised by this amendment of Commission Directive 2002/75/EC. For the parts described as “new item”, the equipment which has been approved, is provided with a Type Approval Certificate and is manufactured before 23 September 2002, may be placed on board during two years from that date subject to the conditions specified.

Furthermore, for the existing equipment items of the A1 list and for which the applicable testing standards are amended, there is no transitional period for application provided. When placed on board after 23 September 2002, this equipment is to comply with the amendments to the Directive.

Manufacturers who wish to apply for the EC type-examination and other Conformity assessments for their equipment are requested to submit the completed application with the relevant documents to Nippon Kaiji Kyokai - NK Rotterdam, Mauritsweg 23, 3012 JR, Rotterdam, the Netherlands (TEL:+31-10-413-7071, FAX:+31-10-413-8530), or to Material and Equipment Department of the head office of Nippon Kaiji Kyokai (TEL:+81-3-5226-2020, FAX:+81-3-5226-2057). A sample form of application is attached hereto for your use.

Note 1: Austria, Belgium, Denmark, Finland, France, Germany, Greece, The Netherlands, Iceland, Ireland, Italy, Luxembourg, Norway, Portugal, Spain, Sweden and United Kingdom

Note 2: Module B : EC Type-Examination  
Module D : Production-Quality Assurance  
Module E : Product-Quality Assurance  
Module F : Product Verification  
Module G : Unit Verification

Table 1. Life-saving appliances

Item No	Item designation	Modules for conformity assessment				Testing standards
		B+D	B+E	B+F	G	
1.1	Lifebuoys	×	×	×		IMO Resolution MSC.81(70)
1.2	Position-indicating lights for life-saving appliances (a) For survival craft and rescue boats (b) For lifebuoys (c) For lifejackets	×	×	×		IMO Resolution MSC.81(70), except for battery requirements as specified in EN 394 (1993) which is only apply to lifejacket lights
1.3	Lifebuoys self-activating smoke signals	×	×	×		IMO Resolution MSC.81(70)
1.4	Lifejackets	×	×	×		IMO Resolution MSC.81(70), except for battery requirements as specified in EN 394 (1993) which is only apply to lifejacket lights
1.5	Immersion suits and anti-exposure suits – insulated or not insulated	×	×	×		IMO Resolution MSC.81(70)
1.6	Immersion suits and anti-exposure suits classified as lifejackets	×	×	×		IMO Resolution MSC.81(70)
1.7	Thermal protective aids	×	×	×		IMO Resolution MSC.81(70)
1.8	Rocket parachute flares (pyrotechnics)	×		×		IMO Resolution MSC.81(70)
1.9	Hand flares (pyrotechnics)	×		×		IMO Resolution MSC.81(70)
1.10	Buoyant smoke signals (pyrotechnics)	×		×		IMO Resolution MSC.81(70)
1.11	Line-throwing appliances (pyrotechnics)	×		×		IMO Resolution MSC.81(70)
1.12	Inflatable liferafts	×				IMO Resolution MSC.81(70)
1.13	Rigid liferafts	×				IMO Resolution MSC.81(70)
1.14	Automatically self-righting liferafts	×				IMO Resolution MSC.81(70)
1.15	Canopied reversible liferafts	×				IMO Resolution MSC.81(70)
1.16	Float-free arrangements for liferafts (hydrostatic release units)	×	×	×		IMO Resolution MSC.81(70)
1.17	Lifeboats	×			×	IMO Resolution MSC.81(70)
1.18	Rigid rescue boats	×			×	IMO Resolution MSC.81(70)
1.19	Inflated rescue boats	×			×	IMO Resolution MSC.81(70)
1.20	Fast rescue boats	×			×	IMO Resolution MSC.81(70)
1.21	Launching appliances using fall and winch (davits)	×	×	×	×	IMO Resolution MSC.81(70)
1.22	Float-free launching appliances for survival craft	Moved to A.2 list				
1.23	Launching appliances for free-fall lifeboats				×	IMO Resolution MSC.81(70)
1.24	Liferaft launching appliances	×	×	×	×	IMO Resolution MSC.81(70)
1.25	Fast rescue boat launching appliances	×	×	×		IMO Resolution MSC.81(70)
1.26	Release mechanism for (a) Lifeboats and rescue boats and (b) Liferafts Launched by a fall or falls	×	×	×		IMO Resolution MSC.81(70)
1.27	Marine evacuation systems	×			×	IMO Resolution MSC.81(70)
1.28	Means of rescue	×				IMO Resolution MSC.81(70), MSC/Circ.810
1.29	Embarkation ladders	Moved to A.2 list				
1.30	Retro-reflective materials	×	×	×		IMO Resolution A.658(16), Annex 2
1.31	Survival craft two-way VHF radio telephone apparatus	Moved to Moved to Radio-Communication Equipment				

Item No	Item designation	Modules for conformity assessment				Testing standards
		B+D	B+E	B+F	G	
1.32	9 GHz SAR transponder (SART)	Moved to Navigation equipment				
1.33	Radar reflector for lifeboats and rescue boats	×	×	×	×	IMO Resolution A.384(X), EN/ISO 8729 (1998); IMO Resolution A.384(X), ISO 8729 (1997)
1.34	Compass for lifeboats and rescue boats	Moved to Navigation equipment				
1.35	Portable fire-extinguishing equipment for lifeboats and rescue boats	Moved to Fire protection (3.38)				
1.36	Lifeboat/rescue boat propulsion engine	×	×	×		IMO Resolution MSC.81(70)
1.37	Rescue boat propulsion engine – outboard motor	×	×	×		IMO Resolution MSC.81(70)
1.38	Searchlights for use in Lifeboats and Rescue boats	×	×	×		IMO Resolution MSC.81(70)
1.39	Open reversible liferafts	×				IMO Resolution MSC.36(63), Annex 10 (1994 HSC Code) or IMO Resolution MSC.97(73), Annex 11 (2000 HSC Code)
1.40	Mechanical pilot hoist (Moved from Navigation equipment)	×	×	×		ISO 799 (1986)

Table 2. Marine-pollution prevention

Item No	Item designation	Modules for conformity assessment				Testing standards
		B+D	B+E	B+F	G	
2.1	Oil-filtering equipment (for an oil content of the effluent not exceeding 15 p.p.m.)	×	×	×		IMO Resolution MEPC.60(33)
2.2	Oil/water interface detectors	×	×	×		IMO Resolution MEPC.5(XIII)
2.3	Oil-content meters	×	×	×		IMO Resolution MEPC.60(33)
2.4	Process units intended for attachment to existing oily water separating equipment (for an oil content of the effluent not exceeding 15 p.p.m.)	Item deleted				
2.5	Oil discharge monitoring and control system for an oil tanker	×	×	×		IMO Resolution A.586(14)
2.6	Sewage treatment plants	×	×	×	×	IMO Resolution MEPC.2(VI)
2.7	Shipboard incinerators	×	×	×	×	IMO Resolution MEPC.76(40)

Table 3. Fire protection

Item No	Item designation	Modules for conformity assessment				Testing standards
		B+D	B+E	B+F	G	
3.1	Primary deck coverings	×				IMO Resolution MSC.61(67), Annex 1, Parts 2 and 6, Annex 2, IMO MSC/Circ.1004
3.2	Portable fire extinguishers	×	×	×		EN 3-1 (1996), 3-2 (1996), 3-3 (1994), 3-4 (1996), 3-5 (1996) + AC (1997), 3-6 (1995) + A1 (1999)

Item No	Item designation	Modules for conformity assessment				Testing standards
		B+D	B+E	B+F	G	
3.3	Firefighter's outfit: protective clothing (close proximity clothing)	×				EN 469 (1995), EN 531 (1995) + A1 (1998), EN 1486 (1996), ISO 15538 (2001)
3.4	Firefighter's outfit: boots	×				EN 344 (1992) + AC (1993) + A1 (1997), EN 344-2 (1996), EN 345 (1992) + A1 (1997), EN 345-2 (1996) Class 2, IEC 60903 (1993)
3.5	Firefighter's outfit: gloves	×				EN 659 (1996)
3.6	Firefighter's outfit: helmet	×				EN 443 (1997)
3.7	Self-contained compressed-air-operated breathing apparatus <sup>(1)</sup>	×				EN 137 (1993), EN 136 (1998)
3.8	Air-supplied breathing apparatus for use with a smoke helmet or smoke mask <sup>(1)</sup>	×				EN 138 (1994)
3.10	Nozzles for fixed pressure water spraying fire extinguishing systems for machinery spaces	Moved to A.2 list				
3.11	"A" and "B" Class divisions, fire integrity (a) "A" class divisions (b) "B" class divisions	×	×	×		IMO Resolution A.754(18), IMO Resolution MSC.61(67), Annex 1, Part 3, and Annex 2 (FTP Code), IMO MSC/Circ.916, IMO MSC/Circ.1004, IMO MSC/Circ.1005
3.12	Devices to prevent the passage of flame into the cargo tanks in oil tankers (high velocity valves only)	×	×	×		IMO MSC/Circ.677, IMO MSC/Circ.1009
3.13	Non-combustible materials	×	×	×		IMO Resolution A.799(19), IMO Resolution MSC.61(67), Annex 1, Part 1, and Annex 2
3.14	Materials other than steel for pipes penetrating "A" or "B" Class division	×	×	×		IMO Resolution A.753(18), IMO Resolution A.754(18), IMO Resolution MSC.61(67), Annex 1, Part 3
3.15	Materials other than steel for pipes conveying oil or fuel oil: (a) pipes and fittings (b) valves (c) flexible pipe assemblies	×	×	×		IMO Resolution A.753(18), ISO 15540 (1999), ISO 15541 (1999)
3.16	Fire Doors	×	×	×		IMO Resolution A.754(18), IMO Resolution MSC.61(67), Annex 1, Part 3, IMO MSC/Circ.916, IMO MSC/Circ.1004
3.17	Fire door control systems components <sup>(2)</sup>	×	×	×		IMO Resolution MSC.61(67), Annex 1, Part 4
3.18	Surface materials and floor coverings with low flame-spread characteristics <sup>(3)</sup> : (a) decorative veneers (b) paint systems (c) floor coverings (d) pipe insulation covers	×	×	×		IMO Resolution A.653(16), IMO Resolution MSC.61(67), Annex 1, Parts 2 and 5, and Annex 2, ISO 1716 (1973) <sup>(4)</sup> , IMO MSC/Circ.916 amended by IMO MSC/Circ.1008, IMO MSC/Circ.1004

<sup>(1)</sup> For use in accidents involving dangerous goods a positive pressure type mask is required.

<sup>(2)</sup> When the term "system components" it may be that a single component, a group of components or the whole system needs to be tested to ensure that the international requirements are fulfilled.

<sup>(3)</sup> Surfaces referred to in Regulation II-2/34.3, 34.7, 49.1 and 49.2 are those of bulkheads, decks, floor coverings, wall linings as appropriate. The requirements described within these regulations are not means to apply to plastic pipes, electric cables and furniture (ref. MSC/Circ.965).

<sup>(4)</sup> Where the surface material is required to have a certain maximum calorific value, this shall be measured in accordance with ISO 1716.

Item No	Item designation	Modules for conformity assessment				Testing standards
		B+D	B+E	B+F	G	
3.19	Draperies, curtains and other suspended textile materials and films	×	×	×		IMO Resolution MSC.61(67), Annex 1, Part 7
3.20	Upholstered furniture	×	×	×		IMO Resolution A.652(16), IMO Resolution MSC.61(67), Annex 1, Part 8
3.21	Bedding components	×	×	×		IMO Resolution A.688(17), IMO Resolution MSC.61(67), Annex 1, Part 9
3.22	Fire dampers	×	×	×		IMO Resolution A.754(18), IMO Resolution MSC.61(67), Annex 1, Part 3
3.23	Non-combustible duct penetrations through "A" class divisions	Moved to 3.26				
3.24	Electric Cable Transits through "A" class divisions	Moved to 3.26				
3.25	Windows and side scuttles	×	×	×		IMO Resolution A.754(18), IMO Resolution MSC.61(67), Annex 1, Part 3, ISO 614 (1989), ISO 1095 (1989), ISO 1751 (1993), ISO 3254 (1989), ISO 3903 (1993), ISO 3904 (1994), <b>IMO MSC/Circ.1004</b>
3.26	Penetrations through "A" class divisions (a) electric cable transits (b) pipe, duct, trunk, etc penetrations	×	×	×		IMO Resolution A.754(18), IMO Resolution MSC.61(67), Annex 1, Part 3
3.27	Penetrations through "B" class divisions (a) electric cable transits (b) pipe, duct, trunk, etc penetrations	×	×	×		IMO Resolution A.754(18), IMO Resolution MSC.61(67), Annex 1, Part 3
3.28	Sprinkler systems (limited to sprinkler heads and to the method of automatic sprinkling and signalling e.g. flow switches, alarm panels)	×	×	×		<b>EN 12259-1 (1999), EN 12259-2 (1999), EN 12259-3 (2000), EN 12259-4 (2000), EN 12259-5,</b> ISO 6182-1 (1993), ISO 6182-2 (1993), ISO 6182-3 (1993), ISO 6182-4 (1993), ISO 6182-5 (1995)
3.29	Fire hoses	×	×	×		<b>EN 671-2 (2001), EN ISO 15540 (2001), EN ISO 15541 (2001), ISO 15540 (1999), ISO 15541 (1999)</b>
3.30	Oxygen analysis and gas detection equipment	×	×	×		EN 50104 (1999) Oxygen, EN 50054 (1991), EN 50057 (1999) Combustible Gases
3.31	Fixed sprinkler systems components for high-speed craft	×	×	×	×	IMO Resolution MSC.44(65), IMO Resolution A.800(19)
3.32	Fire restricting materials (except furniture) for high-speed craft	×	×	×		IMO Resolution MSC.40(64), IMO Resolution MSC.90(71)
3.33	Fire restricting materials for furniture for high-speed craft	×	×	×		IMO Resolution MSC.40(64), IMO Resolution MSC.90(71)
3.34	Fire resisting divisions for high-speed craft	×	×	×		IMO Resolution MSC.45(65)
3.35	Fire doors on high-speed craft	×	×	×		IMO Resolution MSC.45(65)
3.36	Fire dampers on high-speed craft	×	×	×		IMO Resolution MSC.45(65)
3.37	Penetrations through fire resisting divisions on high-speed craft (a) electric cables transits (b) pipe, duct, trunk, etc penetrations	×	×	×		IMO Resolution MSC.45(65)
3.38 Ex 1.35	Portable fire-extinguishing equipment for lifeboats and rescue boats	×	×	×		EN 3-1 (1996), 3-2 (1996), 3-3 (1994), 3-4 (1996), 3-5 (1996) + AC (1997), 3-6 (1995) + A1 (1999)

Item No	Item designation	Modules for conformity assessment				Testing standards
		B+D	B+E	B+F	G	
3.39	Alternative arrangements for halon fire extinguishing systems in machinery spaces and pump rooms – equivalent water-based fire extinguishing system components	×	×	×		IMO MSC/Circ.668, IMO MSC/Circ.728
3.40	Low-location lighting systems (components only) (New item)	×	×	×	×	IMO Resolution A.752(18) or ISO 15370 (2001)
3.41	Emergency escape breathing devices (EEBD) (New item)	×	×	×		EN 400 (1993), EN 401 (1993), EN 402 (1993), EN 1146 (1997), EN 1061 (1996)
3.42	Inert gas system components (New item)	×	×	×	×	IMO MSC/Circs.1009, 677, 485, 450/Rev.1, 387, 353 and 282, EN 1061 (1996)
3.43	Deep fat cooking equipment fire extinguishing systems components (automatic or manual type) (New item)	×	×	×	×	ISO 15371 (2000), ISO 6182-1 (1993)
3.44	Firefighters outfit - lifeline (New item)	×	×	×		IMO Resolution MSC.98(73) Chapter 3.2.1.3 (FSS Code) <sup>(5)</sup>
3.45	Equivalent fixed gas fire extinguishing systems components for machinery spaces and cargo pump rooms (New item)	×	×	×		IMO MSC/Circ.848
3.46	Equivalent fixed gas fire extinguishing systems components for machinery spaces (aerosol systems) (New item)	×	×	×		IMO MSC/Circ.1007
3.47	Concentrate for fixed high expansion foam fire extinguishing systems for machinery spaces and cargo pump rooms <sup>(6)</sup> (New item)	×	×	×	×	IMO MSC/Circ.670
3.48	Fixed water based local application fire fighting systems components for use in category “A” machinery spaces (New item)	×	×	×	×	IMO MSC/Circ.913
3.49	Nozzles for fixed pressure water-spraying fire-extinguishing systems for special category spaces, ro-ro spaces and vehicle spaces (New item)	×	×	×		IMO Resolution A.123(V) (Performance), IMO MSC/Circ.914
3.50	Protective clothing resistant to chemical attack (New item)	×	×	×		EN 368 (1992), EN 369 (1993), EN 463 (1994), EN 943-2 (2001)

<sup>(5)</sup> This standard only applies to ships constructed on or after 1 July 2002.

<sup>(6)</sup> The fixed high expansion foam fire extinguishing system for machinery spaces and cargo pump rooms must still be tested with the approved concentrate to the satisfaction of the Administration.



Attachment 2. to  
ClassNK Technical Information No. TEC-0515  
Application form

APPLICATION FOR  
THE CONFORMITY ASSESSMENTS UNDER  
COUNCIL DIRECTIVE 96/98/EC ON MARINE EQUIPMENT, AS AMENDED

To: Nippon Kaiji Kyokai - NK Rotterdam

Date:

We hereby apply for the Conformity assessments by Nippon Kaiji Kyokai - NK Rotterdam under the Council Directive 96/98/EC on Marine Equipment, as amended. In connection with this application, we declare that the same application has not been lodged simultaneously with any other notified body.

**Product**

Item name (as given in Annex A to the Directive) :  
Type name (designated by the manufacturer) :

**Manufacturer**

Name :  
Address :

**Place of production**

Name :  
Address :

**Module(s) chosen/intended to be chosen and type approval number**

Module(s) chosen for the products : B+D B+E B+F G  
Type approval number (Where the type has been approved.) :

**Type of assessment and certification to be carried out**

- Type-examination (module B)
  - Initial  Renewal  For alteration
- Quality system assessment required for module D / E
  - Initial  Renewal  Intermediate  For alteration
- Product verification (module F)
- Unit verification (module G)

Further information is given in Annex to this application.

**Applicant**

Name :  
Address :

[Signature]

Name :  
Position :

**Contact**

Person's name :  
Department's name :  
Phone: Fax:

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For use by Nippon Kaiji Kyokai - NK Rotterdam

Accepted on :  
Job number :

(Overleaf)

## **Terms and conditions of the inspection service under the Marine Equipment Directive 96/98/EC, as amended (MED)**

### 1. CONDITION OF SERVICE

- (1) Nippon Kaiji Kyokai, NKK Rotterdam as a Notified Body nominated by the Government of the Netherlands (hereinafter referred to as NoBo) provides product inspection and quality system assessment services in accordance with the procedure set out in the MED.
- (2) In order that the NoBo may provide these services, the Applicant agrees to provide the NoBo with all necessary information and facilities.
- (3) All fees and expenses incurred for the services of the NoBo are due and payable within 30 days from the date of invoice, regardless of the results of certification or assessment performed.

### 2. LIABILITY

- (1) The NoBo shall not be liable for any loss or damage or expense sustained by any person due to any act or omission or error however caused in the provision of services, information or advice given by the NoBo.
- (2) Notwithstanding clause 2(1), if any client of the Society uses the NoBo's inspection or assessment and registration services, or relies on the information or advice given by the NoBo and suffers loss, damage or expense thereby which is proved to have been due to any negligent act, omission or error of the NoBo, or from any inaccuracy in the information or advice given by the NoBo, the NoBo will pay compensation for any proved loss, damage or expense in accordance with Dutch Law.

### 3. CONFIDENTIALITY

All documents and information provided to the NoBo shall be treated as confidential by the NoBo and shall not, without the prior consent of the party providing such documents or information, be disclosed for any purpose other than that for which they are provided.

### 4. PROPER LAW AND JURISDICTION CLAUSE

This service shall be governed by and construed in accordance with Dutch law and all and any disputes (of whatever nature) shall be submitted to the exclusive jurisdiction of the Rotterdam District Court law shall apply.

## ANNEX

**Applied standards**

**Range of products** (if any)

**Limitations** (if any)

**Documentation**