

NOTICE ON CERTIFICATION LIST OF APPROVED METHOD ISSUED BY  
RELEVANT ADMINISTRATIONS IN ACCORDANCE WITH NOX EMISSION LIMITS  
OF DIESEL ENGINE UNDER REVISED REG.13.7.1 OF MARPOL ANNEX VI

All relevant shipping companies:

On Oct.10 2008, IMO adopted *Amendments To The Annex VI Of The Protocol Of 1997 To Amend The International Convention For The Prevention Of Pollution From Ships, 1973, As Modified By The Protocol Of 1978 Relating Thereto (Revised MARPOL Annex VI)* and *Amendments To The Technical Code On Control Of Emission Of Nitrogen Oxides From Marine Diesel Engines (NOx Technical Code 2008)* by Resolution MEPC.176(58) and Resolution MEPC.177(58) respectively, which have become effective since July 1st 2010. Under the revised MARPOL Annex VI, regulation 13.7.1, it is stipulated that **“a marine diesel engine with a power output of more than 5,000 kW and a per cylinder displacement at or above 90 litres installed on a ship constructed on or after 1 January 1990 but prior to 1 January 2000 shall comply with the emission limits set forth in subparagraph 7.4 of this paragraph, provided that an Approved Method for that engine has been certified by an Administration of a Party and notification of such certification has been submitted to the Organization by the certifying Administration”**.

According to the information on IMO website so far, approved methods and types of diesel engine as certified in accordance with NOx emission limits of diesel engine under revised Reg.13.7.4 of MARPOL Annex VI are as follows:

1. The Administration of Denmark notified IMO that they had certified the approved method for marine diesel engine type **S70MC** and **S50MC** manufactured by **MAN B&W**. **It will be mandatory that installation of the method for such engines should no later than the first renewal survey for the ship's International Air Pollution Prevention Certificate, which occurs on or after the date listed in Table 1, it shall be verified by surveyor(s) that the approved method mentioned in the circular has been adopted by the engines, with the verification to confirm the diesel engines keep complying with the applicable NOx emission limits stipulated in regulation 13.7.4. Upon satisfactory verification shall the IAPP certificate and its supplement be renewed.** For the details related to the approved methods please refer to the appendix MEPC Circulars (see appendix 1, 2, 4, 5, 6, 7).

Table 1: Certified Engine types and Approved Methods by the Administration of Denmark

No.	IMO Circ. No.	Engine type	MCR per cylinder (KW/cyl)	Rated speed (rpm)	Approved Method No.	Deadline for application
1	MEPC.1/Circ.738 MEPC.1/Circ.738 /Add.1 MEPC.1/Circ.764 MEPC.1/Circ.764 /Add.1	S70MC	2,530-2,810	81-91	13235-10HH 29484-11HH	No later than the first renewal for IAPP on or after 6 October 2011
2	MEPC.1/Circ.764 MEPC.1/Circ.764 /Add.1	S70MC	2,250-2,530	81-91	29484-11HH	No later than the first renewal for IAPP on or after 12 August 2012
3	MEPC.1/Circ.765	S50MC	1,160-1,430	114-127	28470-11HH	No later than the first renewal for IAPP on or after 12 August 2012
4	<a href="#">MEPC.1/Circ.770</a>	<a href="#">S60MC</a>	<a href="#">1,650-2,040</a>	<a href="#">94-105</a>	<a href="#">29085-11HH</a>	<a href="#">No later than the first renewal for IAPP on or after 6 October 2012</a>

2. The Administration of Germany notified IMO that they had certified the approved methods for marine diesel engines manufactured by **Wartsila Switzerland Ltd**, the type of which are **RTA52, RTA52U, RTA58T, RTA62, RTA62U, RTA72, RTA72U, RTA84C, RTA84CU, RTA84M, RTA84T-B and RTA96C** etc. **Installation of the method for those engines will be mandatory no later than the first renewal survey for the ship's International Air Pollution Prevention Certificate, which occurs on or after Feb. 5, 2012, it shall be verified by surveyor(s) that the approved method mentioned in the circular has been adopted by the engines, with the verification to confirm the diesel engines keep complying with the applicable NOx emission limits stipulated in regulation 13.7.4. Upon satisfactory verification shall the IAPP certificate and its supplement be renewed.** Please refer to Appendix 3 for details.

All shipping companies are requested to pay due attention to the notice. For applicable ships with the foresaid types of diesel engines installed on board, shipping companies are suggested to contact the manufacturers as soon as practically possible pursuant to the corresponding application deadlines, in order to get the approved methods plan, make implementation plan and apply to this society for survey as required. Information related to the approved methods is to be kept on board permanently.

Hereby notify the above.

Classed Ship in Service Department  
China Classification Society

Appendix:

Appendix 1: MEPC.1/Circ.738

Appendix 2: MEPC.1/Circ. 738/Add.1

Appendix 3: MEPC.1/Circ.743

Appendix 4: MEPC.1/Circ.764

Appendix 5: MEPC.1/Circ.764/Add.1

Appendix 6: MEPC.1/Circ.765

[Appendix 7: MEPC.1/Circ.770](#)