

RESOLUTION MEPC.240(65)

Adopted on 17 May 2013

2013 AMENDMENTS TO THE REVISED GUIDELINES AND SPECIFICATIONS FOR OIL DISCHARGE  
MONITORING AND CONTROL SYSTEMS FOR  
OIL TANKERS (RESOLUTION MEPC.108(49))

**ANNEX 30**

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**2013 AMENDMENTS TO THE REVISED GUIDELINES AND SPECIFICATIONS  
FOR OIL DISCHARGE MONITORING AND CONTROL SYSTEMS FOR  
OIL TANKERS (RESOLUTION MEPC.108(49))**

THE MARINE ENVIRONMENT PROTECTION COMMITTEE,

RECALLING Article 38(a) of the Convention on the International Maritime Organization concerning the functions of the Marine Environment Protection Committee conferred upon it by international conventions for the prevention and control of marine pollution,

NOTING resolution MEPC.108(49) by which the Committee adopted the Revised Guidelines and Specifications for Oil Discharge Monitoring and Control Systems for Oil Tankers,

NOTING ALSO that the revised MARPOL Annex I was adopted by resolution MEPC.117(52) and entered into force on 1 January 2007,

HAVING CONSIDERED, at its sixty-fifth session, proposed amendments to the Revised Guidelines and Specifications for Oil Discharge Monitoring and Control Systems for Oil Tankers, prepared by the Sub-Committee on Bulk Liquids and Gases at its seventeenth session,

1. ADOPTS the 2013 Amendments to the Revised Guidelines and Specifications for Oil Discharge Monitoring and Control Systems for Oil Tankers, the text of which is set out in the annex to this resolution;
2. RECOMMENDS Governments to apply the annexed amendments when approving oil discharge monitoring and control systems being installed under regulation 31 of MARPOL Annex I on oil tankers constructed on or after 1 January 2005.

\* \* \*

## ANNEX

**2013 AMENDMENTS TO THE REVISED GUIDELINES AND SPECIFICATIONS FOR OIL DISCHARGE MONITORING AND CONTROL SYSTEMS FOR OIL TANKERS****REVISED GUIDELINES AND SPECIFICATIONS FOR OIL DISCHARGE MONITORING AND CONTROL SYSTEMS FOR OIL TANKERS**

- 1 In the Table of Contents, a new entry 3.7 is added, as follows:  
  
"3.7 Bio-fuels"
- 2 In paragraphs 1.1.1 and 1.1.2.1, the references "regulation 15(3)(a) of Annex I of MARPOL" are replaced by the references "regulation 31 of MARPOL Annex I."
- 3 Paragraph 1.1.3 is replaced by the following:  
  
"1.1.3 These Guidelines and Specifications also apply to oil content monitoring systems used for monitoring each individual bio-fuel blend containing 75 per cent or more of petroleum oil, carried in accordance with paragraph 4.1 of MEPC.1/Circ.761. Wherever in these Guidelines and Specifications reference is made to oil being monitored, this applies likewise to bio-fuel blends."
- 4 In paragraph 2.1, the references "Annex I of MARPOL" and "regulation 15(3)(a)" are replaced by the references "MARPOL Annex I" and "regulation 31", respectively.
- 5 In paragraph 2.2, the references "regulation 15" and "regulation 9(1)(a)" are replaced by the references "regulation 31" and "regulation 34.1", respectively.
- 6 In section 3, a new definition is added, as follows:  
  
"3.7 Bio-fuels  
  
Bio-fuels are products as recorded in annex 11 of the MEPC.2/Circular which are intended for blending with petroleum oil and may be shipped as blends in accordance with MEPC.1/Circ.761, as amended."
- 7 A new paragraph 5.7 is added, as follows:  
  
"5.7 Manufacturer recommended spares for the ODME should be carried to ensure the operation of the equipment."
- 8 The existing paragraph 5.7 is renumbered as paragraph 5.8.
- 9 In paragraph 6.1.1, the reference "regulation 18" is replaced by the reference "regulation 30".
- 10 The footnote associated with paragraph 6.1.6 is replaced by the following:  
  
"\* As specified in IEC publication 92 or an equivalent standard acceptable to the administration."
- 11 In paragraph 6.8.2, the references "regulation 9(1)(a)(iv) and (v)" are replaced by the references "regulation 31.1.4 and 31.1.5".

- 12 The chapeau of paragraph 6.11.1 and subparagraph .1 is replaced by the following:
- "6.11.1 The alternative means of obtaining information in the event of a failure in the monitoring system should follow the requirements in MARPOL Annex I, regulation 31.4 and the operational manual as approved by the Administrations and should be as follows:
- .1 oil content meter or sampling system: location and measurement of the oil/water interface using the equipment as required in regulation 32, visual observation of the surface of the water adjacent to the effluent discharge and recording the relevant data for the discharge accurately in the Oil Record Book Part II in sections H and I;"
- 13 In the footnote associated with subparagraph 6.12.2, the reference "regulation 9(1)(a)(5)" is replaced by the reference "regulation 34.1.5".
- 14 In paragraph 7.2.2, after the words "white products", insert the words ", individual biofuel blends".
- 15 In subparagraph 8.3.3, the references "regulations 9(1)(a)(iv) and (v)" are replaced by the references "regulations 34.1.4 and 34.1.5".

#### **ANNEX, PART 1 – TEST AND PERFORMANCE SPECIFICATIONS FOR TYPE APPROVAL OF OIL CONTENT METERS**

- 16 In the table under paragraph 1.2.6, under the column "Parameters Tolerance" and row "6", the text "RMG 35 Parameters as per ISO 8217:1996 (table 2)" is replaced by the following text:
- "RMG 35 Parameters as per ISO 8217:2010/Corr 1:2011 (tables 1 and 2)"
- 17 In paragraph 1.2.7, the reference standard "ISO 8217:1996 (table 1)" is replaced by the referenced standard "ISO 8217:2010/Corr 1:2011 (tables 1 and 2)".
- 18 New paragraph 1.2.8 is added, as follows:
- "1.2.8 If the meter is to be considered suitable for an individual biofuel blend containing 75 per cent or more of petroleum oil, it should also be tested against each such substance for which approval is required, in a manner similar to the tests set out in paragraphs 1.2.5 and 1.2.6. The high shear pump shown in figure 1 should be kept in operation at high speed during this test to assist in dissolving the appropriate fraction of the substance in the water stream."
- 19 New paragraph 1.2.9 is added, as follows:
- "1.2.9 Individual Biofuel blends should be tested at 75 per cent and 99 per cent petroleum oil."
- 20 The existing paragraphs 1.2.8 to 1.2.19 are renumbered as paragraphs 1.2.10 to 1.2.21.

**APPENDIX, CERTIFICATE OF TYPE APPROVAL FOR OIL CONTENT METERS  
INTENDED FOR MONITORING THE DISCHARGE OF OIL-CONTAMINATED WATER  
FROM THE CARGO TANK AREAS OF OIL TANKERS**

21 Under the "The oil content meter is acceptable for the following applications:", the text "Oil-like noxious liquid substances, other products, or applications, listed below" is replaced by the following:

"\* Individual biofuel blends containing 75 per cent or more of petroleum oil, other products, or applications, listed below"

**APPENDIX, TEST DATA AND RESULTS OF TESTS CONDUCTED ON AN OIL CONTENT  
METER IN ACCORDANCE WITH PART 1 OF THE ANNEX TO THE GUIDELINES AND  
SPECIFICATIONS CONTAINED IN IMO RESOLUTION MEPC.108(49)**

22 The table for "OIL LIKE noxious liquid substances, other products or applications" is deleted, and tables for "INDIVIDUAL BIOFUEL BLENDS AND CONCENTRATIONS" and "OTHER PRODUCTS OR APPLICATIONS" are added, as follows:

**INDIVIDUAL BIOFUEL BLENDS AND CONCENTRATIONS\***

	READINGS (ppm)			REMARKS
	Indicated	Measured	Grab sample	
<p><b>Bio-Fuel Blend 75% Petroleum Oil</b></p> <p>Name of Bio-fuel and petroleum oil components</p> <p>..... %</p> <p>..... %</p> <p>.....</p> <p>15 100</p> <p>90% M.F.S.V. = RECORDED ZERO</p>	.....	.....	.....	<p>RE-ZERO YES/NO**</p> <p>TIME mins</p> <p>RECALIBRATE YES/NO**</p> <p>TIME mins</p> <p>CLEAN YES/NO**</p> <p>TIME mins</p>
<p><b>Bio-Fuel Blend 99% Petroleum Oil</b></p> <p>Name of Bio-fuel and petroleum oil components</p> <p>..... %</p> <p>..... %</p> <p>.....</p> <p>15 100</p> <p>90% M.F.S.V. = RECORDED ZERO</p>	.....	.....	.....	<p>RE-ZERO YES/NO**</p> <p>TIME mins</p> <p>RECALIBRATE YES/NO**</p> <p>TIME mins</p> <p>CLEAN YES/NO**</p> <p>TIME mins</p>

**RESPONSE TIMES**

		Seconds
First detectable reading		.....
	63 ppm	.....1
	90 ppm	.....
Stabilized maximum reading or 100 ppm	..... ppm	.....
First detectable drop		.....
	37 ppm	.....2
	10 ppm	.....
Stabilized minimum reading	..... ppm	.....
RESPONSE TIME = $\frac{1+2}{2}$	=	.....

\* This page should be included in the certificate only if the oil content meter has been tested against bio-fuel blends.

\*\* Delete as appropriate.

**OTHER PRODUCTS OR APPLICATIONS\***

		READINGS (ppm)			<b>REMARKS</b>
		Indicated	Measured	Grab sample	
<b>Name of product</b> .....	15	.....	.....	.....	
	100	.....	.....	.....	
	90% M.F.S.V. =	.....	.....	.....	
	RECORDED ZERO	.....	.....	.....	
		.....	.....	.....	
					RE-ZERO YES/NO**
					TIME Mins
					RECALIBRATE YES/NO**
					TIME Mins
					CLEAN YES/NO**
					TIME Mins
<b>Name of product</b> .....	15	.....	.....	.....	
	100	.....	.....	.....	
	90% M.F.S.V. =	.....	.....	.....	
	RECORDED ZERO	.....	.....	.....	
		.....	.....	.....	
					RE-ZERO YES/NO**
					TIME Mins
					RECALIBRATE YES/NO**
					TIME Mins
					CLEAN YES/NO**
					TIME Mins

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\* This page should be included in the certificate only if the oil content meter has been tested against other products and applications substances.  
 \*\* Delete as appropriate.

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