

Subject: Circ. 2011-13

Amendment on MARPOL Annex VI

North American Emission Control Area

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اصلاحیه ضمیمه VI کنوانسیون MARPOL

منطقه تحت کنترل انتشار آمریکای شمالی

شماره: ۱۵۵۰/۹۰/اقم

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All Respectful ICS Customers and Surveyors

With my gratitude, respectfully,
Following adoption of Res. MEPC 190(60) on 26 March 2010, the North American Emission Control Area (ECA) was established and introduced.

Regarding to this fact:

- Paragraph 6 of Reg. 13 and Paragraph 3 of Reg. 14 Annex VI are amended
- New Appendix VII is added to the annex.

These amendments are set into force from 2011 August 1st (Today). The initial notification on this topic was previously announced to you within ICS32I003 on 2010 December.

It shall be noted that in case of SOx according to Reg. 14.7, 12 months exemption from this date is considered for ships operating in these newly introduced Emission Control Area (SECA).

In this circular, more details on ECA are introduced for your attention.

The electronic file of this circular could be found at the following address:

[\\server\ICS Organization\Convention and Legislation Department\Publications\Circ\2011](file://server/ICS%20Organization/Convention%20and%20Legislation%20Department/Publications/Circ/2011)

Also this Electronic File will be sent via email to all respectful ICS Customers and Surveyors.

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کلیه مشتریان و بازرسان محترم ICS

با سلام

احتراماً بدینوسیله باستحضار می‌رساند، پیرو پذیرش قطعنامه MEPC 190(60) در مورخ ۰۶ فروردین سال ۱۳۸۹، منطقه تحت کنترل انتشار در ناحیه آمریکای شمالی تعیین و معرفی شده است.

بر این اساس اصلاحات ذیل در کنوانسیون اعمال شده‌اند:

- بند ۶ مقرر ۱۳ و بند ۳ از مقرر ۱۴ ضمیمه VI اصلاح شده‌اند.
- پیوست VII به ضمیمه VI اضافه شده است.

این اصلاحات از تاریخ ۱۰ مرداد ۱۳۹۰ (امروز) لازم‌الاجرا می‌باشند. اطلاع‌رسانی اولیه در این خصوص، پیشتر از طریق انتشارات واحد کنوانسیون‌ها و مقررات دریایی به شماره ICS32I003 مورخ آذرماه ۱۳۸۹ صورت پذیرفته است.

در خصوص الزامات مربوط به SOx، مطابق با مقرر 14.7 این ضمیمه، ۱۲ ماه معافیت برای این مناطق ویژه در نظر گرفته شده است. در این بخشنامه، جزئیات بیشتر در خصوص این موضوع ارائه شده است.

فایل الکترونیک این بخشنامه در آدرس ذیل قابل دسترسی می‌باشد:

[\\server\ICS Organization\Convention and Legislation Department\Publications\Circ\2011](file://server/ICS%20Organization/Convention%20and%20Legislation%20Department/Publications/Circ/2011)

همچنین نسخه الکترونیکی این سند از طریق پست الکترونیکی به کلیه مشتریان و بازرسان محترم موسسه ارسال می‌گردد.

عبدالله جمالی

مدیریت واحد کنوانسیون‌ها و مقررات دریایی

موسسه رده‌بندی ایرانیان

1. ECA Introduction

On March 26, 2010, the International Maritime Organization (IMO) designated specific portions of U.S., Canadian and French waters as an Emission Control Area (ECA). The proposal for ECA designation was introduced by the U.S. and Canada, reflecting common interests, shared geography and interrelated economies. In July 2009, France joined as a co-proposer on behalf of its island territories of Saint-Pierre and Miquelon, which form an archipelago off the coast of Newfoundland of Canada.

Previously the following areas were defined as SO_x Emission Control Area (SECA) in MARPOL and from 2011 August 1st the introduced area are defined too:

- The Baltic Sea area as defined in regulation 1.11.2 of Annex I
- The North Sea as defined in regulation 5(1)(f) of Annex V

2. Amendments

- a) Paragraph 6 of regulation 13 is amended as follows:

"6 For the purposes of this regulation, emission control areas shall be:

- 1. The North American area, which means the area described by the coordinates provided in appendix VII to this Annex; and*
- 2. Any other sea area, including any port area, designated by the Organization in accordance with the criteria and procedures set forth in appendix III to this Annex."*

- b) Paragraph 3 of regulation 14 is replaced by the following:

"3 For the purpose of this regulation, emission control areas shall include:

- 1. The Baltic Sea area as defined in regulation 1.11.2 of Annex I and the*

North Sea as defined in regulation 5(1)(f) of Annex V;

- 2. The North American area as described by the coordinates provided in appendix VII to this Annex; and*
 - 3. Any other sea area, including any port area, designated by the Organization in accordance with the criteria and procedures set forth in appendix III to this Annex."*
- c) New appendix VII is added as follows:

"Appendix VII

North American Emission Control Area (Regulation 13.6 and regulation 14.3)

The North American area comprises:

- 1. The sea area located off the Pacific coasts of the United States and Canada, enclosed by geodesic lines connecting the following coordinates: ...*
- 2. The sea areas located off the Atlantic coasts of the United States, Canada, and France (Saint Pierre et Miquelon) and the Gulf of Mexico coast of the United States enclosed by geodesic lines connecting the following coordinates: ...*
- 3. The sea area located off the coasts of the Hawaiian Islands of Hawaii, Maui, Oahu, Molokai, Niihau, Kauai, Lāna'i, and Kahoolawe, enclosed by geodesic lines connecting the following coordinates: ..."*

The areas introduced in the above mentioned Regulations and Appendix are presented in Figure No. 1.

Also for your more information, the original Regulations and Appendix are enclosed to this Circular.

3. ECA Requirements

As such, ships operating in the ECA will be required to meet the Annex VI requirement of fuel sulphur levels. From 2011 August 1st (exempted till 2012 August 1st), the 1.00% sulphur restriction will apply, which would have been in place in the Baltic Sea and North Sea since 2010. The stricter limit, 0.10% sulphur, starts in 2015. These restrictions (Sulphur Limit for fuel oil) for areas other than SECA are as follow:

- The present: 4.5 % m/m
- From 2012.01.01 3.5 % m/m
- From 2020.01.01 0.5 % m/m

As well, from 2016, “new engines on vessels operating in these areas must use

emission controls that achieve an 80 percent reduction in NOx emissions”, according to the submission. This replicates the requirement set out in Annex VI where so-called Tier III reductions in NOx are required for ships built after 2016 when operating in an ECA; outside the area, less strict Tier II standards apply. For more information on this topic you can refer to MARPOL Annex VI Reg. 13.

4. References

- ü [IMO Website](#)
- ü <http://www.krs.co.kr>



Figure 1. ECA defined under MARPOL Annex VI – Appendix VII