

Subject

Regulations on sulphur content of fuel oil within the ECAs of Yangtze River Delta on or after 1 October 2018

ClassNK

Technical Information

No. TEC-1164

Date 28 September 2018

To whom it may concern

As previously informed in ClassNK Technical Information TEC-1138, the Chinese government has implemented regulations limiting the sulphur content of fuel oils used onboard ships to 0.5% within the following Emission Control Areas (ECAs): The Pearl River Delta, the Bohai Rim and the Yangtze River Delta. The Shanghai Maritime Safety Administration (MSA), the Jiangsu MSA and the Zhejiang MSA announced that, as of 1 October 2018, not only berthing ships but also navigating ships are required to use fuel oils which sulphur content does not exceed 0.5%.

The outline of the regulation is as follows:

1. Applicable ships

Ships voyaging, berthing and operating within the emission control areas excluding military ships, sports ships and fishery ships

2. Applicable date

On or after 1 October 2018

3. Contents of the regulation

(1) Shanghai MSA

The ships navigating, anchoring or operating in Shanghai Port should use fuel oils which sulphur content does not exceed 0.5%. In addition, all ships installed with devices of receiving shore power should use shore power if such facilities are available in Shanghai Port.

(2) Jiangsu MSA

The sea-going ships sailing into Suzhou Port or Nantong Port which are the core ports of Yangtze River Delta ECAs should use fuel oils which sulphur content does not exceed 0.5%. In addition, ships installed with devices for receiving shore power should give priority to the use of shore power if such facilities are available in Suzhou Port and Nantong Port. Moreover, between 29 October 2018 and 11 November 2018, ships installed with devices for receiving shore power should use shore power if such facilities are available in Suzhou Port, Wuxi Port, Nantong Port and Changzhou Port.

(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).

(3) Zhejiang MSA

The sea-going ships navigating to Ningbo-Zhoushan Port as destination should use fuel oils which sulphur content does not exceed 0.5% when operating within the Yangtze River Delta ECA. In addition, ships installed with devices for receiving shore power should give priority to the use of shore power if such facilities are available in Ningbo Zhoushan Port and Jiaying Port: moreover, between 29 October 2018 and 11 November 2018, ships installed with devices for receiving shore power should in principle use shore power if such facilities are available in Jiaying Port.

For the details of this regulation, please refer to the provisional translations attached to this technical information (Attachment 1 to 3).

The URLs of official announcements from the Shanghai MSA, the Zhejiang MSA and the Jiangsu MSA are as follows. (Chinese only)

Shanghai MSA

<http://www.shmsa.gov.cn/wgfw/73174.jhtml>

Jiangsu MSA

http://www.js-msa.gov.cn/art/2018/9/7/art_2295_1684505.html

Zhejiang MSA

http://www.cnzjmsa.gov.cn/ZJ/zjmsa/tzgg/201809/t20180906_547862.html

For any questions about the above, please contact:

NIPPON KAIJI KYOKAI (ClassNK)

Technical Solution Department, Administration Center Annex, Head Office

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

Tel.: +81-3-5226-2042

Fax: +81-3-5226-2736

E-mail: tsd@classnk.or.jp

Attachment:

1. Notifications from Shanghai Maritime Safety Administration (provisional translation)
2. Notifications from Jiangsu Maritime Safety Administration (provisional translation)
3. Notifications from Zhejiang Maritime Safety Administration (provisional translation)

Announcement of Shanghai Maritime Safety Administration and Shanghai Management of Maritime Safety Administration on Early Implementation of Emission Control Measures for the Ships in Waters of Shanghai Port

Shanghai MSA Ref.No. [2018]239

In order to facilitate the green development of Shanghai International Shipping Center, according to requirements of "Implementation Plan on Domestic Emission Control Areas in Waters of the Pearl River Delta, the Yangtze River Delta and Bohai Rim (Beijing, Tianjin, Hebei)" issued by Ministry of Transport of People's Republic of China, "Work Plan on Implementing the Domestic Emission Control Areas in Waters of Shanghai Port" issued by Shanghai Municipal People's Government, and "Announcement on the Distribution of the Plan for the Ship Emission Reduction Work in the Core Ports of Yangtze River Delta Water Area in Transitional Period" issued by Shanghai Combined Ports Management Committee, etc., it is decided to early implement the emission control measures for the ships in the waters of Shanghai Port. The relevant requirements are as follows:

1. This announcement is applicable to the ships that are navigating, anchoring or operating in Shanghai Port, excluding military vessels, sport vessels and fishing boats.
2. The sulphur content of fuel oil used on international sea-going ships and domestic sea-going ships that are navigating or berthing at Shanghai Port shall not exceed 0.5% m/m on and after 1 October 2018.
3. Inland waterways ships and river-sea intermodal ships shall use diesel oil in compliance with the relative criteria.

4. For the ships installed the device of receiving shore power, shore power shall be used when berthing at the ports with shore power supplying device.
5. After being approved by maritime administrative institution, ships may use alternative measures such as clean energy, exhaust gas after-treatment, etc. to comply with the emission control requirements.
6. In case use of the low Sulphur fuel oil required by the announcement may affect the safety of ship or the compliant fuel oil could not be obtained, the ship may apply to the maritime administrative institution for exemption from the requirements in advance.
7. Each level of maritime administrative institution shall strengthen the supervision on fuel oil used onboard ships in accordance with the division of responsibilities.
8. This announcement is to become into force from 1 October 2018. "The Announcement on the Implementation of Ship Emission Control Area at Shanghai Port" (Shanghai MSA Ref. No. [2016] 159) is invalid simultaneously.
9. This announcement is valid till 31 December 2020 and may be adjusted according to the adjustment of the "Implementation Plan on Domestic Emission Control Areas" issued by Ministry of Transport of People's Republic of China.

27 August 2018

Announcement of Jiangsu Maritime Safety Administration and Jiangsu Management of Maritime Safety Administration on Early Implementation of Emission Control Measures for the Ships in Waters of Core Ports of the Yangtze River Delta in Jiangsu Province

Jiangsu MSA Ref. No. [2018]288

In order to implement the requirements of the 6th meeting of Air Pollution Control Collaboration Team of the Yangtze River Delta, promote the construction of ecological civilization, according to requirement of "Implementation Plan on Domestic Emission Control Areas in Waters of the Pearl River Delta, the Yangtze River Delta and Bohai Rim (Beijing, Tianjin, Hebei)"(*China MSA Ref. No.[2015]177*), "Work Plan on Implementing the Domestic Emission Control Areas in Yangtze River Delta Waters of Jiangsu Province" (*Jiangsu Government Ref. No.[2016]28*), it is decided to early implement the emission control measures for the ships in the waters of core ports of the Yangtze River Delta in Jiangsu Province. The relevant requirements are as follows:

1. From 1 October 2018, the sea-going ships sailing into Suzhou Port, Nantong Port which are the core ports of Yangtze River Delta ECAs shall use fuel oil with sulphur content of not more than 5000mg/kg.
2. Inland waterways ships and river-sea intermodal ships shall use diesel oil in compliance with the relative criteria.
3. From 1 October 2018, ships installed with the device of receiving shore power shall give priority to the use of shore power if such facilities are available in Suzhou Port and Nantong Port.

4. Between 29 October 2018 and 11 November 2018, for the ships installed the device of receiving shore power, shore power shall be used if such facilities are available in Suzhou Port, Wuxi Port, Nantong Port and Changzhou Port.
5. The ships may use the alternative measures such as clean energy, exhaust gas after-treatment, etc. to comply with the emission control requirements.
6. This announcement may be adjusted according to the adjustment of the "Implementation Plan on Domestic Emission Control Areas" issued by Ministry of Transport of People's Republic of China.

27th August 2018

Announcement of Zhejiang Maritime Safety Administration on transitional scheme of ship emission reduction at major ports in Zhejiang Province

Zhejiang MSA Ref. No. [2018]212

In order to implement the requirements of the 6th meeting of Air Pollution Control Collaboration Team of the Yangtze River Delta, facilitate emission reduction of the ships, it is decided to implement transitional scheme of ship emission reduction at major ports in Zhejiang Province from 1 October 2018. The relevant requirements are as follows:

1. From 1 October 2018, the sea-going ships navigating to Ningbo-Zhoushan port as destination should use fuel oil with Sulphur content of not more than 0.5% m/m in the ECAs of Yangtze River Delta. The geographical range is subject to the "Implementation Plan on Domestic Emission Control Areas in Waters of the Pearl River Delta, the Yangtze River Delta and Bohai Rim (Beijing, Tianjin, Hebei)" issued by Ministry of Transport of People's Republic of China. Please see the attachment for details.
2. From 1 October 2018, ships shall give priority to the use of shore power in Ningbo Zhoushan port and Jiaxing port.
3. Between 29 October 2018 and 11 November 2018, ships shall in principle use shore power if such facilities are available in Jiaxing port.
4. Ships are allowed to use clean energy, scrubber technology and other alternative measures to meet emission control requirements;
5. Each level of maritime administration shall enhance the supervision and management in the Emission Control Areas. Between 1 October 2018 and 31 December 2018, the main treatment for ships violating the requirements is warning and education. And for the ships seriously violating the requirements, the punishment shall be taken depending on the situation.
6. This announcement is valid until "Implementation Plan on Domestic Emission Control Areas" newly amended by Ministry of Transport of People's Republic of China is implemented.

Attachment: The ECAs of Yangtze River Delta

Attachment :

The Yangtze Delta emission control area



The sea boundaries, inland water range and core port areas of the Yangtze Delta waters

- Sea boundaries

The line connecting the following A-J (The places referred for defining the points B-H are baseline points of the Chinese territorial sea)

- A. The mainland coastline junction point of Nantong and Yancheng
- B. The point 12 nautical miles away from Waikejiao Island
- C. The point 12 nautical miles away from Sheshan Island

- D. The point 12 nautical miles away from Haijiao
- E. The point 12 nautical miles away from Dongnanjiao
- F. The point 12 nautical miles away from Liangxiongdiyu
- G. The point 12 nautical miles away from the Yushan Islands
- H. The point 12 nautical miles away from the Taizhou Islands (2)
- I. The point 12 nautical miles away from the mainland coastline junction point of Taizhou and Wenzhou
- J. The mainland coastline junction point of Taizhou and Wenzhou

- Inland water range

All navigable rivers under the jurisdiction of the cities of Nanjing, Zhenjiang, Yangzhou, Taizhou (Zhejiang), Nantong, Changzhou, Wuxi, Suzhou, Shanghai, Jiaxing, Huzhou, Hangzhou, Shaoxing, Ningbo, Zhoushan and Taizhou (Jiangsu).