
A new regulation on ship emission control areas of the Pearl river delta, the Yangtze river delta and Bohai sea waters was issued by the Ministry of Transport of P.R.China

Pls find the applicable objects, the emission control areas range and control requirements as bellows:



Applicable objects

This regulation applies to all the ships which are sailing, anchor aging or working in this **emission control areas, excluding military ships, sport ships and fishing boats.**



The emission control areas

There are 3 areas, the Pearl River delta area, the Yangtze River delta area and Bohai sea waters, pls find the detailed area ranges as below:

The Pearl River delta area

Sea boundaries : Below sea waters be connected by points A,B,C,D,E,F(excluding **Waters of Hongkong and Macao**)

A : The coastline junction point of Huzhou and Shanwei

B : The point 12 NM far away from zhengtouyan

C : the point 12 NM far away from jiapeng islands

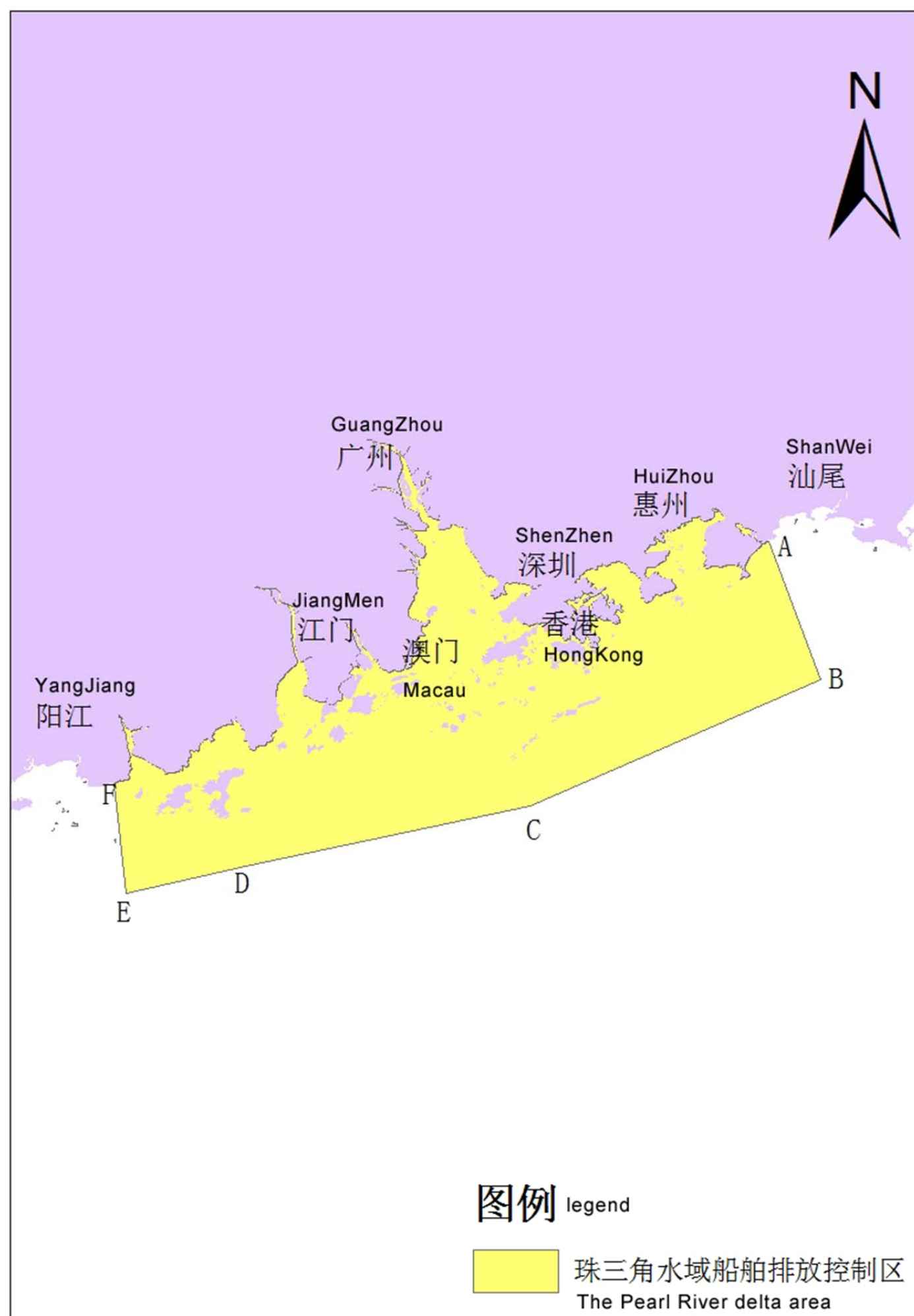
D : the point 12 NM far away from Jiawei island

E : the point 12 NM far away from Dafanshi island

F : The coastline junction point of Jiangmen and Yangjiang

Inner water range: the inner water rivers administered by Guangzhou, Dongguan, Huizhou, Shenzhen, Zhuhai, Zhongshan, Fushan, Jiangmen, Zhaoqing cities.

The core ports in this area are Guangzhou port, Shenzhen port, Zhuhai port. °



The Yangtze river delta area

Sea boundaries: Below sea waters be connected by points A,B,C,D,E,F,G,H,I,J.

A: The coastline junction point of Nantong and Yancheng

B: The point 12 NM far away from waikejiao island

C: The point 12 NM far away from sheshan island

D: The point 12 NM far away from haijiao reef

E: The point 12 NM far away from dongnan reef

F: The point 12 NM far away from liang xiongdi rock

G: The point 12 NM far away from yushan islands

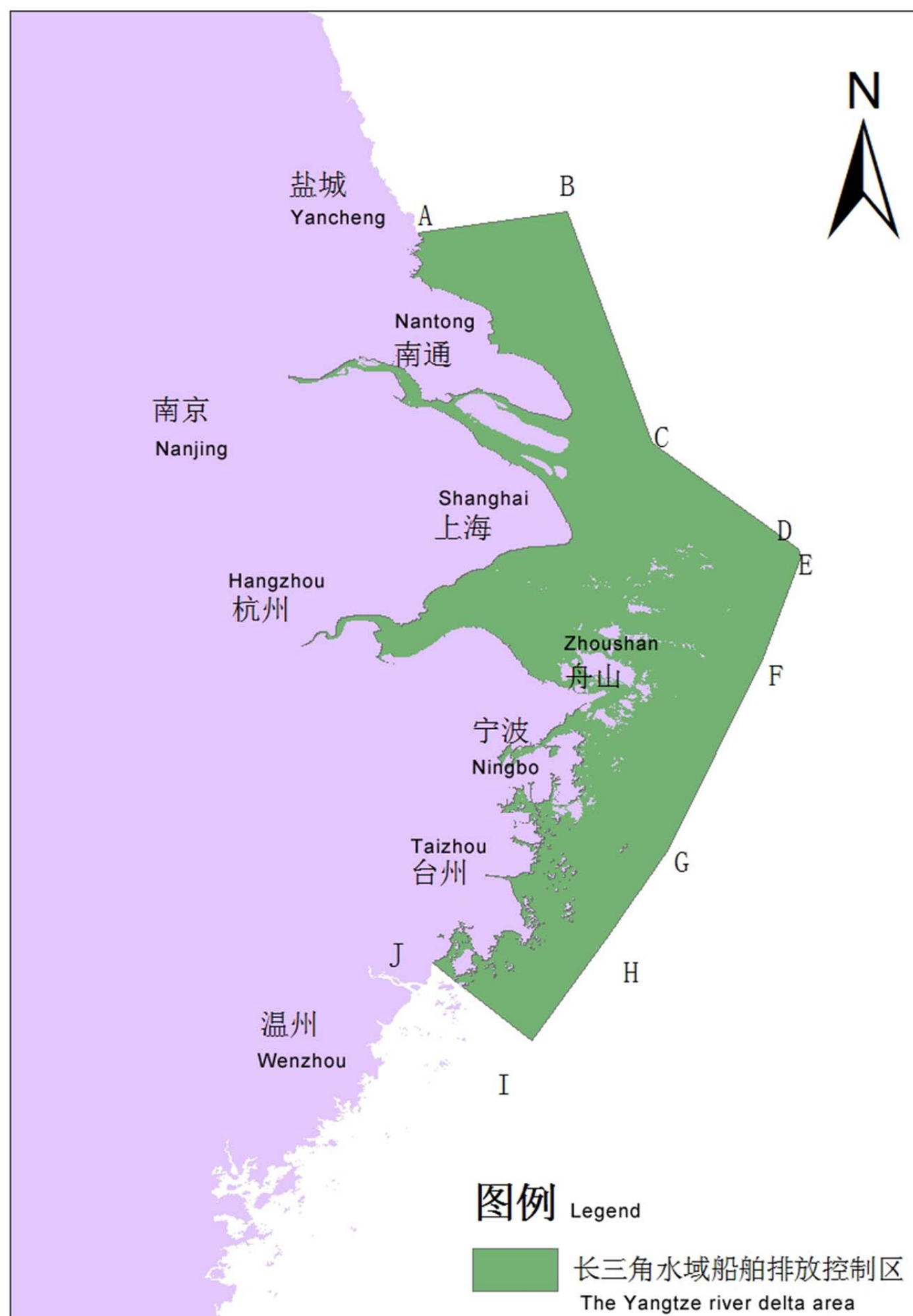
H: The point 12 NM far away from Taizhou islands

I: The point 12 NM far away from the coastline junction point of Taizhou and Wenzhou

J: The coastline junction point of Taizhou and Wenzhou

Inner water area range: the inner water rivers administered by Nanjing, Zhengjiang, Yangzhou, Taizhou, Nantong, Changzhou, Wuxi, Suzhou, Shanghai, Jiangxing, Huzhou, Hangzhou, Shaoxing, Ningbo, Zhoushanm Taizhou cities.

The core ports in this area: Shanghai port, Ningbo port, Zhoushan port, Suzhou port, Nantong port.

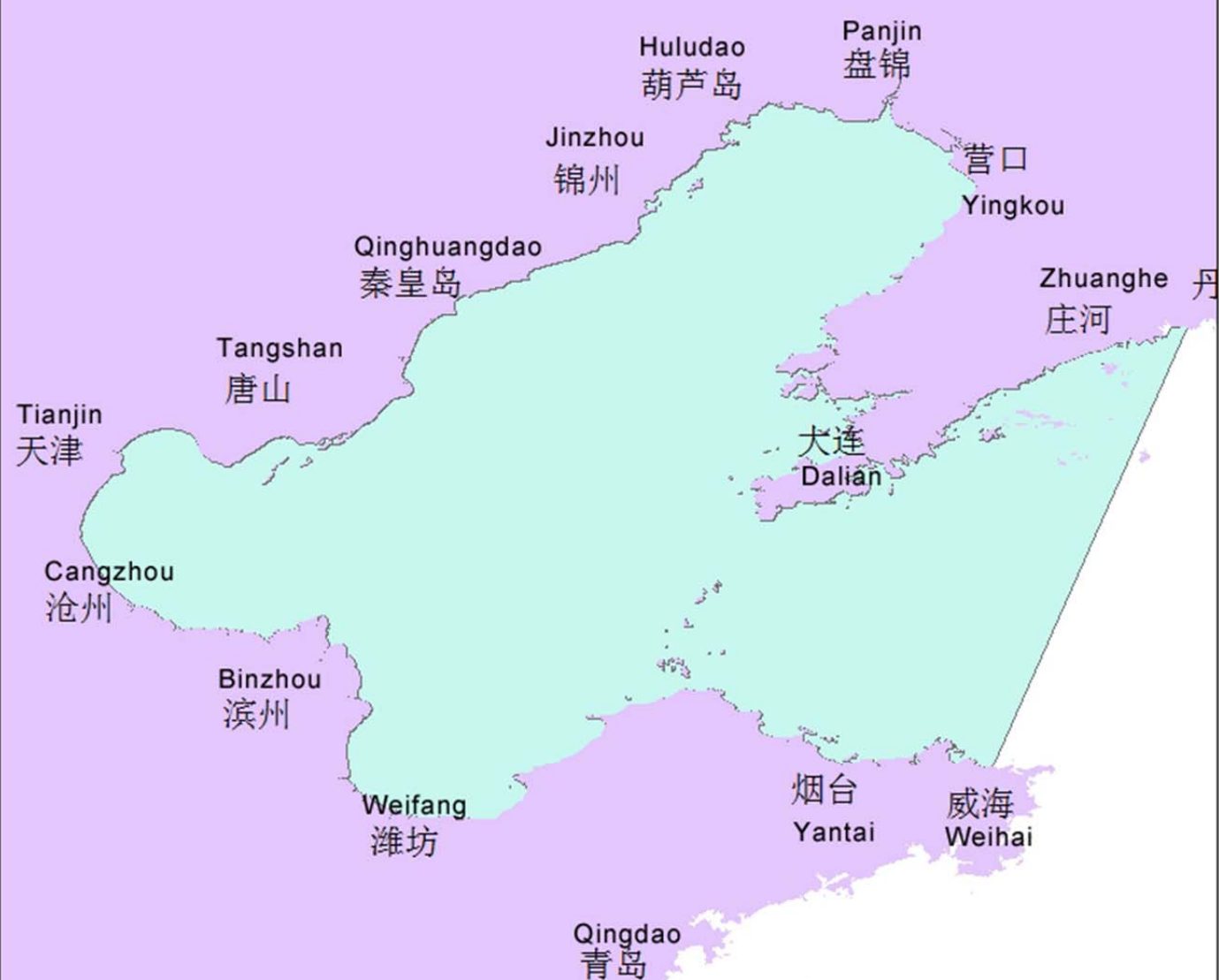


Bohai sea water area:

Sea boundaries: the sea water inside the line of two points, one is the coastline junction point of Dalian and Dandong; another one is the coastline junction point of Yantai and Weihai.

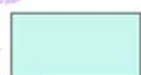
Inner water area range: the inner water rivers administered by Dalian, Yinkou, Jinzhou, Huludao, Qinhuangdao, Tangshan, Tianjin, Changzhou, Bingzhou, Dongyin, Weifang, Yantai cities.

The core ports in this area are: Tianjin port, Qinhuangdao port, Tangshan port, Huanghua port.



图例

Legend



环渤海（京津冀）水域船舶排放控制区

Bohai sea water area



control requirement

(一) Since **Jan 1,2016** · All Ships should strictly implement emission control requirements on sulfur oxides, particulate matter and nitrogen oxide as per existing international conventions and domestic laws and regulations, the ports inside emission control area if necessary can request ship to use fuel with sulfur content $\leq 0.5\%$ m/m or other measures higher than existing emission control requirements while the ship berthing berth.

(二) **Since Jan 1 2017, All the ships berthing at the core ports shall use the fuel with sulfur content $\leq 0.5\%$ m/m.** (excluding one hour after getting alongside and one hour before departure)

(三) Since **Jan 1 2018** · all ships shall use the fuel with **sulfur content $\leq 0.5\%$ m/m** during berthing terminal of core ports.

(四) Since **Jan 1 2019** · **All the ships enter the core ports shall use the fuel with sulfur content $\leq 0.5\%$ m/m.**

(五) **Since Dec 31, 2019** · Assess the effect of aforementioned control measures to decide below actions to be carried out:

1. All the ships enter the core ports shall use the fuel with sulfur content $\leq 0.1\%$ m/m.
2. Extend the range of emission control area ;
3. other measures °

(六) **All ships can use similar alternative measures, for example: shore power, use clean energy, exhaust gas after treatment etc.**