INTERTANKO Environmental Bulletin 07-2018: Upgraded Emissions Control Plan for Sulphur Oxide Emissions in People's Republic of China Waters
Applicable to ships navigating, berthing or operating in the emissions control areas, excluding military vessels, sport vessels and fishing boats.

The People's Republic of China (PRC)'s Ministry of Transport has issued a **notice dated 30 November 2018 (attached)**, providing a new emissions control schedule from 1 January 2019 and an expanded geographical scope of its emissions control area.

The table and notes below provide a snapshot of the salient points of the Chinese Notice pertaining to sulphur oxide emissions control and clarification notes from INTERTANKO.
(Notes provided by INTERTANKO dated 13 December 2018)

Emissions Control Schedule

<table>
<tr><th colspan="2">Ship type</th><th>Sulphur content of fuel oil ≤ (%m/m)</th><th>Coastal control areas, incl Hainan waters</th><th>Inland waters control areas</th><th>Hainan waters only</th></tr>
<tr><td colspan="2" rowspan="2">Seagoing ships</td><td>0.50</td><td colspan="3">01-Jan-19</td></tr>
<tr><td>0.10</td><td>01-Jan-25***</td><td>01-Jan-20</td><td>01-Jan-22</td></tr>
<tr><td colspan="2">Jianghai Direct Ship</td><td rowspan="3">Fuel oil that complies with newly revised national marine fuel oils standards*</td><td>01-Jan-19</td><td rowspan="3">01-Jan-19</td><td>01-Jan-19</td></tr>
<tr><td rowspan="2">Inland vessels (likely applicable to Chinese-Flagged vessels only, to be clarified)</td><td>Large inland water vessels</td><td rowspan="2"></td><td rowspan="2"></td></tr>
<tr><td>Other inland water vessels</td><td>Diesel oil that complies with national general diesel oils standards**</td></tr>
</table>

* The revised national marine fuel oils standards have not been released by the People's Republic of China yet (old standards GB17411-201).
** The current GB252 national general diesel oils standards require diesel oil with sulphur content of no more than 10ppm but this standard has just been repealed and the new standards have not yet been released.

*** The use of fuel oil with sulphur content of no more than 0.10% m/m by seagoing vessels from 1 Jan 2025, will be evaluated at an appropriate time on its implementation feasibility.

Other notes:

1. With effect from 1 Mar 2020, vessels not fitted with SOx and particulate matters removal equipment or alternative measures can only carry or use compliant fuels in accordance with this implementation plan, when entering the emissions control areas (ECAs). This is consistent with the revised Regulation 14.4 of MARPOL Annex VI concerning the new HFO carriage ban requirements.

2. Vessels are allowed to use approved alternative measures (see point 3 below), including scrubbers, when in the ECAs. However in this new notice, it is stated that the wash-water from scrubbers must be handled in accordance with relevant regulations. This was not in the 2015 implementation plan and suggests that there may be restrictions placed in some Chinese ports (to be clarified with China MSA) regarding wash-water from scrubbers.

3. Alternative measures include clean fuels, alternative fuels, use of shore power, or exhaust gas cleaning systems (scrubbers).

4. From 1 July 2019, ships fitted with equipment capable of receiving shore power (other than tankers), shall use shore power if they berth for more than three hours at berths that have shore power capabilities in the coastal ECAs (or more than two hours at berths with such capabilities in inland waters ECAs). In these instances when the ships are using shore power, alternative measures including alternative fuels and clean fuels, shall not be used.

Geographical scope

Coastal waters emissions control area boundary control points coordinates (Table 1 of the Chinese notice)

#	Longitude	Latitude	#	Longitude	Latitude
1	124°10′06.00″	39°49′41.00″	31	112°50′52.80″	21°22′25.68″
2	122°57′14.40″	37°22′11.64″	32	112°29′20.40″	21°17′12.48″
3	122°57′00.00″	37°21′29.16″	33	111°27′00.00″	19°51′57.96″
4	122°48′18.00″	36°53′51.36″	34	111°23′42.00″	19°46′54.84″
5	122°45′14.40″	36°48′25.20″	35	110°38′56.40″	18°31′10.56″
6	122°40′58.80″	36°44′41.28″	36	110°37′40.80″	18°30′24.12″
7	122°24′36.00″	36°35′08.88″	37	110°15′07.20″	18°16′00.84″
8	121°03′03.60″	35°44′44.16″	38	110°09′25.20″	18°12′45.36″
9	120°12′57.60″	34°59′27.60″	39	109°45′32.40″	17°59′03.12″
10	121°32′24.00″	33°28′46.20″	40	109°43′04.80″	17°59′03.48″
11	121°51′14.40″	33°06′19.08″	41	109°34′26.40″	17°57′18.36″
12	122°26′42.00″	31°32′08.52″	42	109°03′39.60″	18°03′10.80″
13	123°23′31.20″	30°49′15.96″	43	108°50′42.00″	18°08′58.56″
14	123°24′36.00″	30°45′51.84″	44	108°33′07.20″	18°21′07.92″
15	123°09′28.80″	30°05′43.44″	45	108°31′40.80″	18°22′30.00″
16	122°28′26.40″	28°47′31.56″	46	108°31′08.40″	18°23′10.32″
17	122°07′30.00″	28°18′58.32″	47	108°28′44.40″	18°25′34.68″
18	122°06′03.60″	28°17′01.68″	48	108°24′46.80″	18°49′13.44″
19	121°19′12.00″	27°21′30.96″	49	108°23′20.40″	19°12′47.16″
20	120°42′28.80″	26°17′32.64″	50	108°22′45″	20°24′05″
21	120°36′10.80″	26°04′01.92″	51	108°12′31″	21°12′35″
22	120°06′57.60″	25°18′37.08″	52	108°08′05″	21°16′32″
23	119°37′26.40″	24°49′31.80″	53	108°05′43.7″	21°27′08.2″
24	118°23′16.80″	24°00′54.00″	54	108°05′38.8″	21°27′23.1″
25	117°50′31.20″	23°23′16.44″	55	108°05′39.9″	21°27′28.2″
26	117°22′26.40″	23°03′05.40″	56	108°05′51.5″	21°27′39.5″
27	117°19′51.60″	23°01′32.88″	57	108°05′57.7″	21°27′50.1″
28	116°34′55.20″	22°45′05.04″	58	108°06′01.6″	21°28′01.7″
29	115°13′01.20″	22°08′03.12″	59	108°06′04.3″	21°28′12.5″
30	114°02′09.60″	21°37′02.64″	60	Beilun River main channel center line to the sea	

Schematic diagram of the coastal waters emissions control area (Diagram 1 of Chinese Notice)

Hainan waters control area boundary control points coordinates (Table 2 of the Chinese notice)

#	Longitude	Latitude	#	Longitude	Latitude
A1	108°26′24.88″	19°24′06.50″	33	111°27′00.00″	19°51′57.96″
A2	109°20′00″	20°07′00″	34	111°23′42.00″	19°46′54.84″
A3	111°00′00″	20°18′32″	35	110°38′56.40″	18°31′10.56″
			36	110°37′40.80″	18°30′24.12″
			37	110°15′07.20″	18°16′00.84″
			38	110°09′25.20″	18°12′45.36″
			39	109°45′32.40″	17°59′03.12″
			40	109°43′04.80″	17°59′03.48″
			41	109°34′26.40″	17°57′18.36″
			42	109°03′39.60″	18°03′10.80″
			43	108°50′42.00″	18°08′58.56″
			44	108°33′07.20″	18°21′07.92″
			45	108°31′40.80″	18°22′30.00″
			46	108°31′08.40″	18°23′10.32″
			47	108°28′44.40″	18°25′34.68″
			48	108°24′46.80″	18°49′13.44″
			49	108°23′20.40″	19°12′47.16″

Inland waters emissions control area commencement and end points coordinates (Table 3 of the Chinese notice)

Inland waters control area	Reference	Area	Description	Position reference number	Longitude	Latitude
Yangtze River Main Line	Commencement point	Shuifu in Yunnan	Towards Jiaba Grand Bridge	B1	104°24'30.60"	28°38'22.38"
				B2	104°24'35.94"	28°38'27.84"
	End point	Jiangsu Liu river mouth	Where Liuheiwu in the lower reaches of Liu river mouth and the signal post in the lower reaches of the Shiqiao River in Congming Island, connects	B3	121°18'54.00"	31°30'52.00"
				B4	121°22'30.00"	31°37'34.00"
Xi River Main Line	Commencement point	Nanning in Guangxi	Nanning Minsheng terminal	B5	108°18'19.77"	22°48'48.60"
				B6	108°18'26.72"	22°48'39.76"
	End point	Zhaoqing in Guang-dong	Xi river main stream Jinli lower iron line corner and Wudinggangyongkou Shangzui line	B7	112°48'30.00"	23°08'45.00"
				B8	112°47'19.00"	23°08'01.00"

An update notice will be provided as soon as more information becomes available.