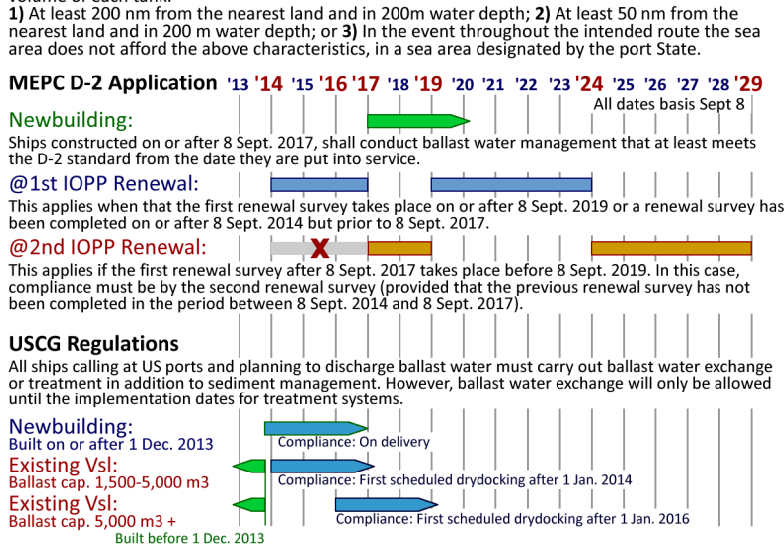
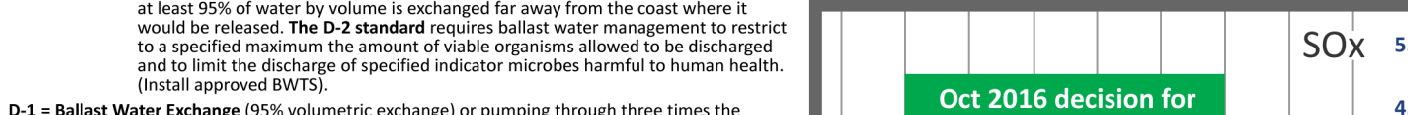
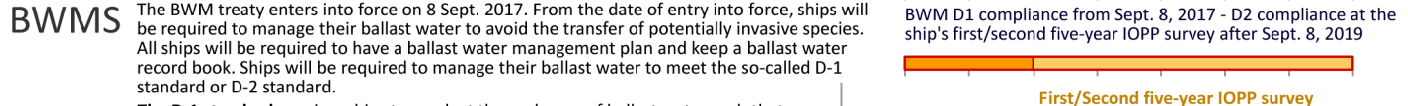
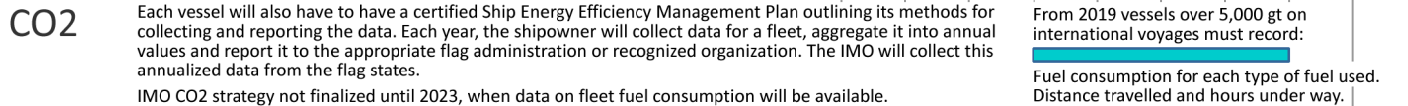
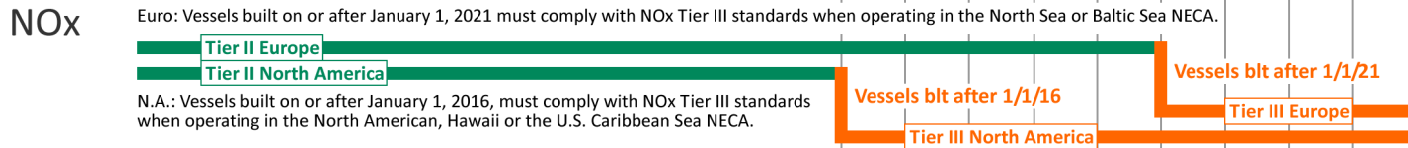
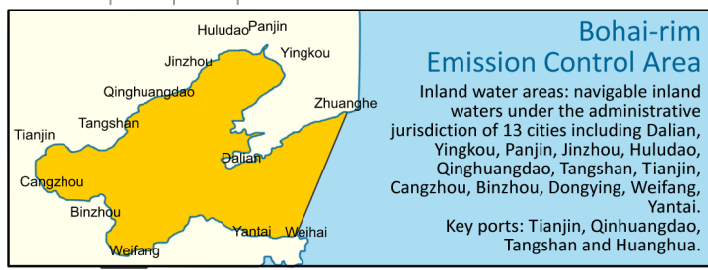


# Global Regulations

2016 2017 2018 2019 2020 2021 2022 2023 2024 2025



2016 2017 2018 2019 2020 2021 2022 2023 2024 2025

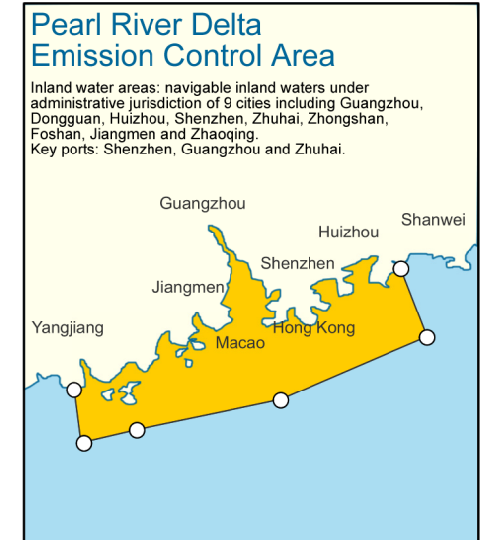


# China Regulations

Year	Sulfur Content	Area
January 1	Content	Applicable
2016	Current standard as stipulated in international conventions. Domestic laws remain unchanged.*	All areas. Local ports in ECAs may in view of its own situation exercise its discretion to raise higher requirements than current standard, such as requiring ships to use fuel with sulfur content of .0.5% during berthing.**
2017	≤0.5%/m/m	Geographical area: key ports in ECAs Time period: berthing period excluding 1 hour after berthing and 1 hour before departure
2018	≤0.5%/m/m	Geographical area: all ports in ECAs Time period: whole berthing period
2019	≤0.5%/m/m	Geographical area: whole area of ECAs Time period: whole period when the ship is in the ECAs

\*China is a contracting state to Marpol 73/78 and Annex VI came into effect from 23 Aug 2006 in China. The current Marpol limit in terms of SOx is:  
(1) outside ECAs: 3.5%/m/m since 01 Jan 2012; (2) within ECAs: 0.1% as from 01 Jan 2015.

\*\*We understand that most of the port authorities don't have the intention to adopt higher requirement than the current standard in 2016, except Shanghai. We understand that it is likely Shanghai MSA will start to require the calling ships to use fuel with sulfur content of 0.5%/m/m while at berth excluding 1 hour after berthing and 1 hour before departure in 2016, however an accurate timetable is still under consideration now.



Before 31 Dec 2019, the government will evaluate the effect of the above requirements in order to determine whether to take the following steps in the future:

- When entering the ECAs, ship shall be required to use fuel with a sulfur content of no more than 0.1% m/m;
- Enlarge the geographical scope of ECAs;
- Other further measures.

According to the regulation, MSA shall enhance inspection of IAPP certificate, oil record book, fuel supply document and check of fuel quality, etc. to ensure implementation of the relevant requirements.