

## Notice of the information regarding to the vessel operation in the SOx Emission Control Area in Republic of Korea

Relevant for ship owners and managers

CI-22-01

Jan. 2022

The Ministry of Oceans and Fisheries of republic of south Korea has announced the “SOX Emission Control Area” in major Korean Ports, which strengthens the sulfur content standard of ship fuel oil to 0.10% or less according to Article 10 (1) of the “The Special Act on the Improvement of Air Quality in Port Areas, Etc.”

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So, on the basis of the announced shipping requirement, Iranian Classification Society has been gathered some helpful information to summarized the matter for the respectful owners/managers.

### SOX Emission Control Area (hereinafter in “SECA”)

Each port area and nearby sea area of the Incheon Port (Including Kyongin Port), Pyeongtaek·Dangjin Port, Yeosu Port, Gwang-yang Port (Including Hadong port), Busan Port, Ulsan port as clearly specified in the table 1 and Fig.1 to Fig.5.

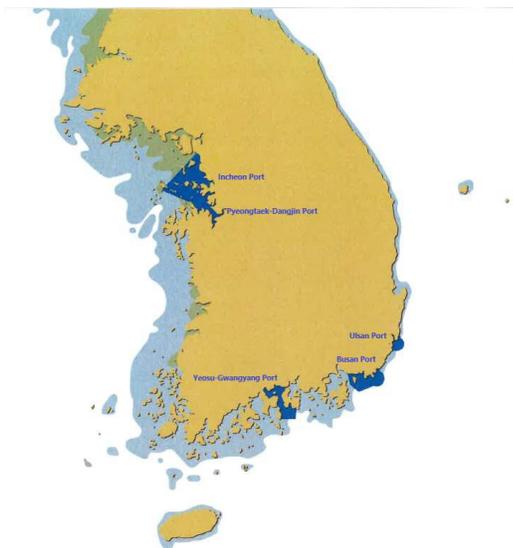


Fig.1 – SECA Ports Layout

SECA Ports		Sea area
01	Incheon, Pyeongtaek, Dangjin	Within the boundary of below points: 37°36'00" 126°33'42" 37°10'00" 126°06'30" 37°02'54" 126°29'00"
02	Yeosu, Gwangyang	Within the boundary of below points 34°35'24" 127°48'20" 34°35'24" 128°00'26" 34°42'42" 128°00'26" 34°56'22" 127°52'06" 34°56'46" 127°51'56"
03	Busan	Within the boundary of below points 35°09'36" 129°11'32" 35°09'04" 129°11'44" 34°58'46" 129°04'14" 34°55'00" 128°50'00" 34°58'41.5" 128°49'19.5" 35°02'01.4" 128°47'37.8" 35°03'19.5" 128°43'23.5"
04	Busan (West)	Within the boundary of below points 35°03'19.5" 128°43'23.5" 34°58'30" 128°45'21" 34°55'00" 128°50'00" 34°58'41.5" 128°49'19.5" 35°02'01.4" 128°47'37.8" 35°03'19.5" 128°43'23.5"
05	Ulsan	6 miles from 35°24'37" 129°27'52"

Table 1- SECA Ports Information

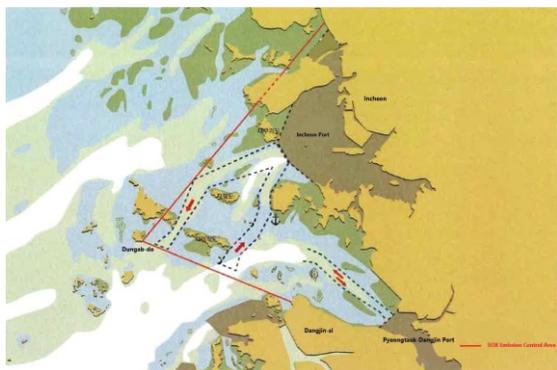


Fig.2- Incheon, Pyeongtaek-Dangjin Area

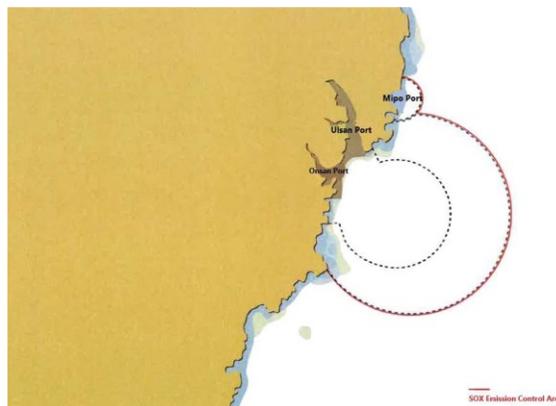


Fig.5 - Ulsan Area



Fig.3 - Yeosu, Gwangyang Area

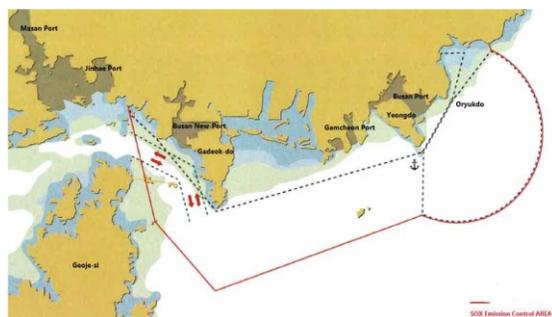


Fig.4 - Busan Area

**Applied Vessels:**

All vessel in operation (sailing and anchoring/mooring) within Korea SECA to be fulfilled this requirement from the effective date which mentioned at the next paragraphs.

**Effective Date:**

From 1st January 2022, ships should be completed fuel oil change over to 0.10% low sulphur fuel oil, at the entrance in Korea SECA, and will be required to continue use compliant fuel while they are inside the designated Korea SECA.

For the vessel which equipped with approved EGCS (Exhaust Gas Cleaning System), it's axiomatic the using of 0.10% low sulphur fuel oil won't be mandatory. (No restrictions on wash water for open-loop scrubber)

### Measures for vessels operating in Korea SECA

The following measures for all applicable vessels as declared above, shall be conducted by ship staffs:

#### Vessel with EGCS

- The date, time, and position of the vessel, when the EGCS operation mode change-over is completed prior to entry into Korea SECA (0.50% → 0.10 %)
- Vessels of approved by Scheme A, the result of parameter check prior to entry into Korea SECA
- Vessels of approved by Scheme B, sulfur contents of fuel oil prior to entry into Korea SECA
- Other remarkable item related to the operation status of the EGCS (if applicable)

#### The Vessels to changeover using compliance fuel oil

- The kind of fuel oil, date, time and position of the vessel when the fuel oil changeover operation is completed prior to entry Korea SECA.
- The remaining volume of low sulphur fuel oil in each tank (only 0.10% or less fuel oil tank)
- Sulphur content of fuel oil (sulphur content in the most recent supplied bunker delivery note)

The engine log book accordance with above paragraph shall be keep in the vessels for one year from the date of supplied each fuel oil.

Those vessels using separate fuel oils to compliance with SOx regulation, shall be provide onboard "Fuel Oil changeover procedure" written how the fuel oil changeover is done. / END. /

For any questions about this Circular, please contact:

Iranian Classification Society (ICS)  
Convention & Legislation Department  
Phone: +98-21-42186210  
Fax: +98-21-88837744  
E-Mail: [clld@ics.org.ir](mailto:clld@ics.org.ir)

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