



Technical Circular

No.: 098/2020

Date: 06th July 2020

Subject: Designation of SOX Emission Control Area (SECA) in Republic of South Korea

1. South Korean Administration has designated and notified SOX Emission Control Areas (SECA) around following major South Korean ports of ;
 - a. Incheon, Pyeongtaek-Dangjin Area.
 - b. Yeosu and Gwangyang port (including Hadong port).
 - c. Busan port area.
 - d. Busan port west side sea area.
 - e. Ulsan port area (including Mipo port).
2. **Beginning 01 September, 2020**, ships will be required to switch to 0.1% m/m sulfur fuel when berthing / anchoring at ports within the Emission Control Areas or an approved equivalent arrangement is to be used.
3. Timeframe for the sulfur oxide emission control area is as follows;
 - **Berthing ships:** 1 hour after completion of berthing until 1 hour before un-berthing time.
 - **Anchoring ships:** 1 hour after completion of anchoring until 1 hour before heaving up time.
4. Further, from **01 January, 2022 onward**, all ships will be required to use 0.1% m/m sulfur fuel when navigating or berthing inside the Emission Control Areas (from entry into emission control area until the exit) or an approved equivalent arrangement is to be used.
5. The detailed co-ordinates of the limits of the Emission Control Areas are provided in the attached document.
6. Ship owners/ operators and Masters are advised to be guided by above and take appropriate measures when calling above mentioned Korean ports to ensure compliance to relevant requirements. We recommend clarifying port requirements with the agent or port authorities in due time before arrival.

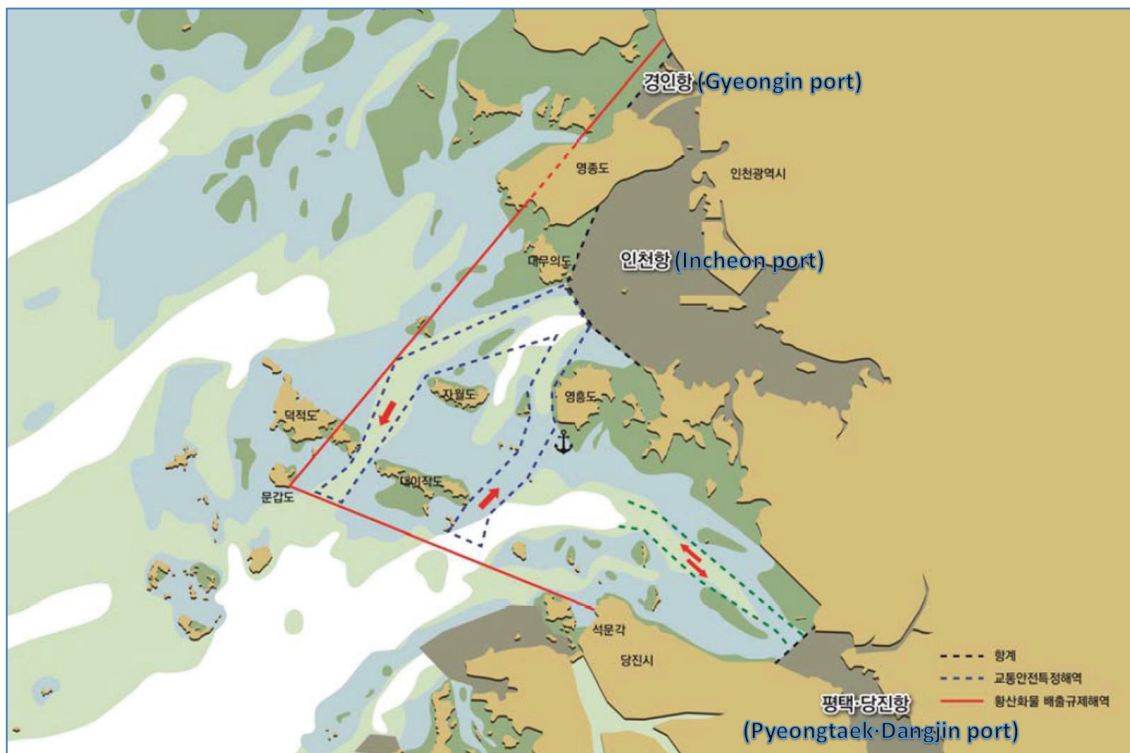
Enclosure: Korean SOX Emission Control Area

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SOx Emission Control Area (SECA) designated within Incheon port (including Gyeongin port) & Pyeongtaek·Dangjin port areas

The sea surface enclosed by geodesic lines connecting the following coordinates (as indicated by red lines in the below chart):

Point	Latitude	Longitude
1	37° 36' 00" N	126° 33' 42" E
2	37° 10' 00" N	126° 06' 30" E
3	37° 02' 54" N	126° 29' 00" E



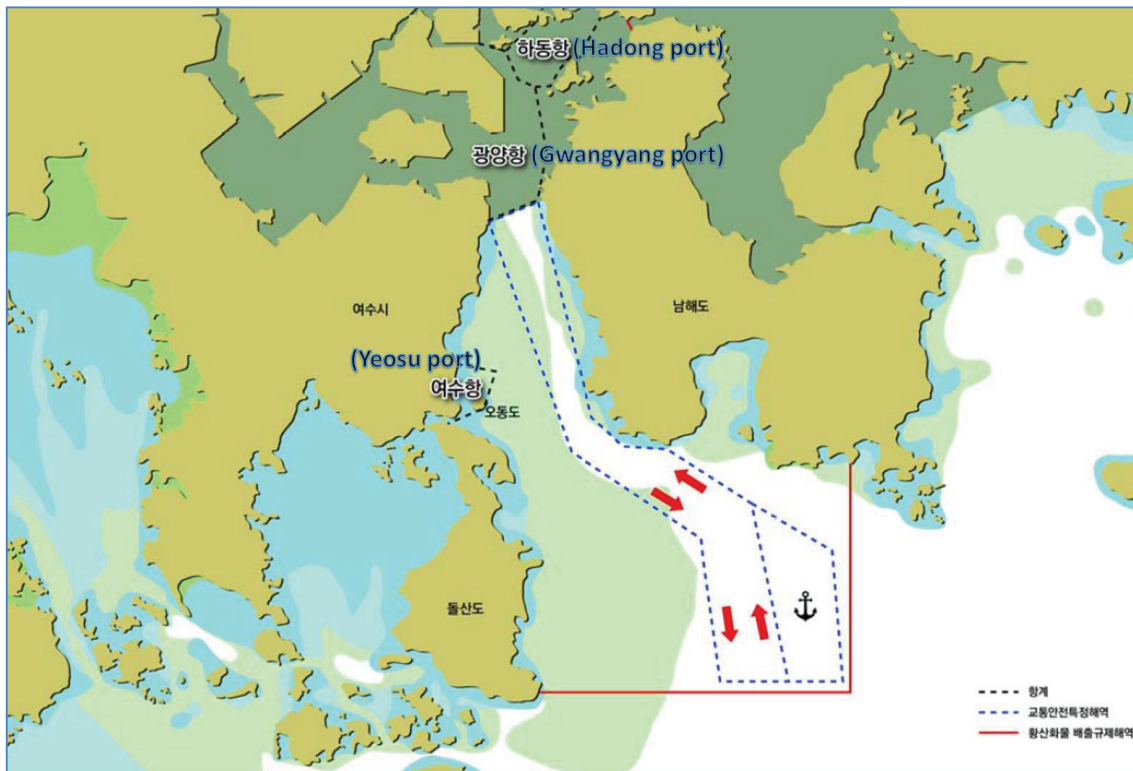
(SECA designated within Incheon port (including Gyeongin port) & Pyeongtaek-Dangjin port areas)

(Source: www.mof.go.kr)

**SOx Emission Control Area (SECA) designated within Yeosu·Gwangyang port
(including Hadong port) areas**

The sea surface enclosed by geodesic lines connecting the following coordinates (as indicated by red lines in the below chart):

Point	Latitude	Longitude
1	34° 35' 24" N	127° 48' 20" E
2	34° 35' 24" N	128° 00' 26" E
3	34° 42' 42" N	128° 00' 26" E
4	34° 56' 22" N	127° 52' 06" E
5	34° 56' 46" N	127° 51' 56" E



(SECA designated within Yeosu·Gwangyang port (including Hadong port) areas)

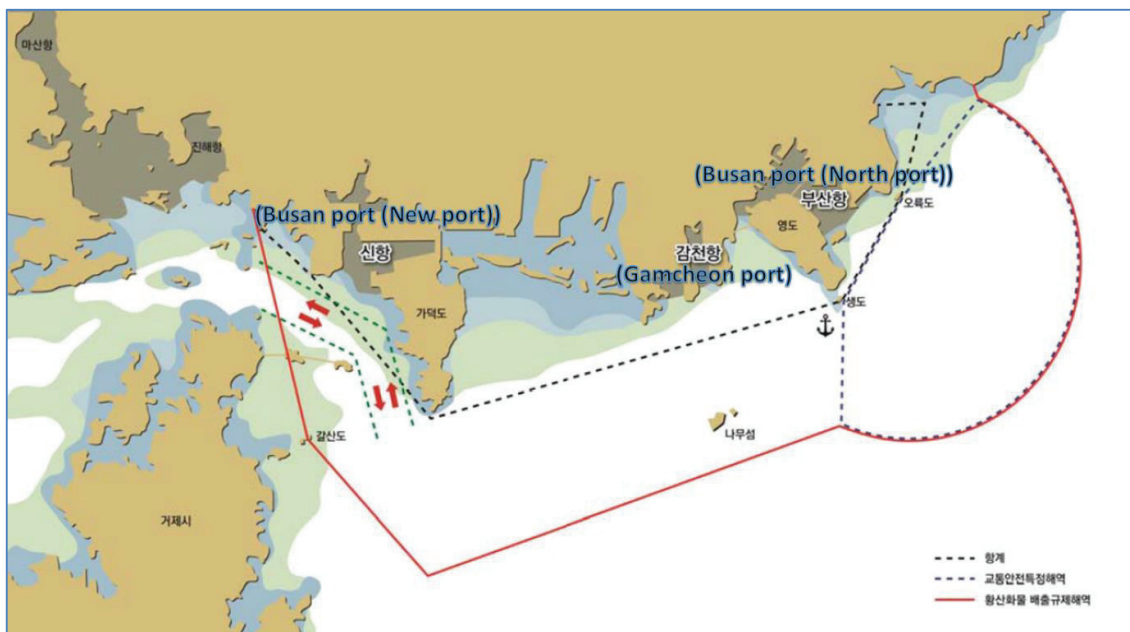
(Source: www.mof.go.kr)

SOx Emission Control Area (SECA) designated within Busan port area

The sea surface enclosed by geodesic lines connecting the following coordinates (as indicated by red lines in the below chart):

Point	Latitude	Longitude
1	35° 09' 36" N	129° 11' 32" E
2	35° 09' 04" N	129° 11' 44" E
3	The outer arc of the special sea areas for traffic safety in Busan area as designated by Enforcement Decree of the Maritime Safety Act	
4	34° 58' 46" N	129° 04' 14" E
5	34° 55' 00" N	128° 50' 00" E
6	34° 58' 41.5" N	128° 49' 19.5" E
7	35° 02' 01.4" N	128° 47' 37.8" E
8	35° 03' 19.5" N	128° 43' 23.5" E
9	35° 05' 42" N	128° 42' 53" E

(Applicable only to ships using Busan New Port)		
Point	Latitude	Longitude
1	35° 03' 19.5" N	128° 43' 23.5" E
2	34° 58' 30" N	128° 45' 21" E
3	34° 55' 00" N	128° 50' 00" E
4	34° 58' 41.5" N	128° 49' 19.5" E
5	35° 02' 01.4" N	128° 47' 37.8" E
6	35° 03' 19.5" N	128° 43' 23.5" N



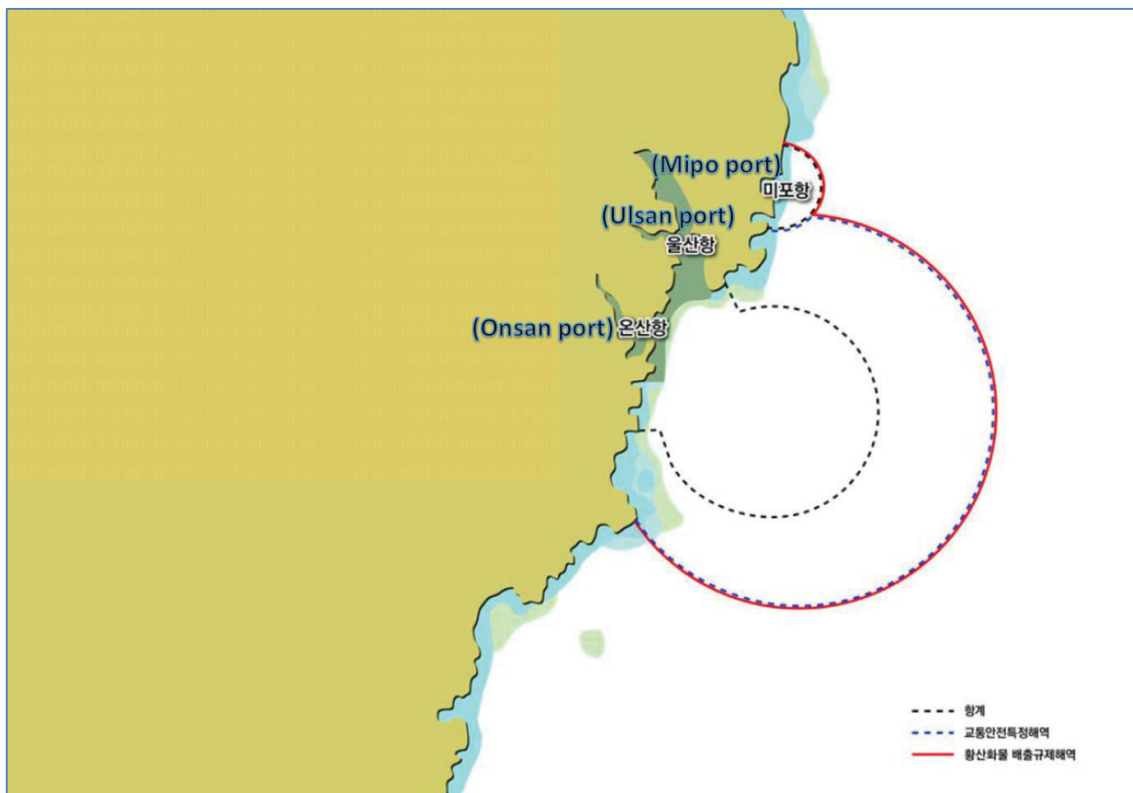
(SECA designated within Busan port area)

(Source: www.mof.go.kr)

SOx Emission Control Area (SECA) designated within Ulsan port area

The sea surface (as indicated by red lines in the below chart) including the following:

1. The arc (The outer arc of the special sea areas for traffic safety in Ulsan area) with radius of 6.0 miles and the centre at (Latitude)35° 24' 37" N and (Longitude)129° 27' 52" E; and
2. Ulsan port (Ulsan main port, Onsan port, Mipo port, Ulsan new port) designated in accordance with Article 3 of the Port Act.



(SECA designated within Ulsan port area)

(Source: www.mof.go.kr)