



**PATRIOT MARITIME COMPLIANCE, LLC**

31 December 2019

**PMC CLIENT ADVISORY 27-2019**

**Subject: South Korea Emission Control Area**

**To: All Overseas Clients**

The Republic of Korea (South Korea) recently announced that there are several emission control programs going into effect that will supplement the IMO's reduction of sulphur in fuel oil to five percent on 01 January 2020. This announcement was provided by the Eastern Shipping Company LTD in South Korea.

**Beginning:**

- ✓ 17 December 2019 – Voluntary speed reduction zone in five major ports for certain ship types.
- ✓ 01 September 2020 – Mandatory use of 0.1% sulphur fuel while berthed or anchored at certain ports.
- ✓ 01 January 2022 – Mandatory use of 0.1% sulphur fuel while navigating the Korea Emission Control Area (Korea ECA).

The switching of fuel oil to and from the 0.1% sulphur fuel will be logged in the engine logbook, and written procedures for the switching of fuel will be maintained on board.

**Speed Reduction Zones**

Participating ships will have their port entry/departure facility fees reduced. Beginning January 2020 only ships that slow-steam for no less than 60% of all annual port entries will be provided the discount. This will increase annually until the participation rate for annual entries is 90%. Eligible ship types vary from port to port, and not all ship types are included.

The speed reduction zones in Busan Port, Ulsan Port, Yeosu Port, Gwangyang Port, and Incheon Port are 20 nautical miles in radius, measured from a specific lighthouse in each port. Ships that wish to slow-steam should sail no faster than the designated speed (12 knots for container ships and car-carriers, 10 knots for other designated ship types) when moving from the starting point to the end point within each area.



Shipping companies that participate in December 2019 should submit the application form and evidence documents to each port authority by and before January 31st, 2020. Evidence data for ship location and time can be obtained through ROK's General Information Center on Maritime Safety and Security (GICOMS) or the vessel's ECDIS. From January 2020, the application form and evidence documents can be submitted through Port-MIS. Port-MIS and ship location-information system will be aligned so that ships can participate in the program easily and without having to submit evidence documents through separate channels.

**Eligible Ship-Types and Recommended Speed (Knots)**

Busan Port		Ulsan Port		Yeosu & Gwangyang Port		Incheon Port	
Ship Type (Port-MIS Code)	Recommended Speed	Ship Type (Port-MIS Code)	Recommended Speed	Ship Type (Port-MIS Code)	Recommended Speed	Ship Type (Port-MIS Code)	Recommended Speed
Container Ship (41)	12	Container Ship (41)	12	Container Ship(41)	12	Container Ship (41)	12
General Cargo Ship (21, 39)	10	Crude Oil Carrier (51)	10	General Cargo Ship (21, 39)	10	General Cargo Ship (21, 39)	10
Car Carrier (27)	12	Chemical Carrier (53)	10	LNG carrier (56)	10	LNG carrier (56)	10

**Mandatory use of 0.1% sulphur fuel while berthed or anchored**

Beginning 01 September 2020 in the port areas of:

- Incheon
- Pyeongtaek & Dangjin
- Yeosu & Gwangyang
- Busan
- Ulsan

The use of 0.1% sulphur fuel, or alternate means of compliance, is mandatory during the following time frames:

- Berthing vessel: One hour after completion of berthing until one hour before de-berthing time.
- Anchoring vessel: One hour after completion of anchoring until one hour before heaving up time.

**Mandatory use of 0.1% sulphur fuel in the Korea ECA**

Beginning 01 January 2022, the use of 0.1% sulphur fuel, or alternate means of compliance, is mandatory in the Korea ECA. This consists of designated areas surrounding the ports of:

- Incheon
- Pyeongtaek & Dangjin
- Yeosu & Gwangyang



- Busan
- Ulsan

The exact latitudes and longitudes of each ECA are described and illustrated in Attachment – 2 pages five through eight of the “Pre-Notification of Korea ECA” attachment.

Please [contact our office](#) if you have any questions for PMC.

Yours Truly,



Richard M. Naccara  
President