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GENERAL CIRCULAR

Oper – 4 / 2019

TO: The Fleet

Subject: Change over to LSFO Bunker – Instructions

Change Instructions – When Changing Over to Low Sulphur Bunkers

Low Sulphur Fuel is to be bunkered into No. 2 Portside Bunker Tank which is the designated LSFO tank and is only to contain Bunkers with a sulphur content of less than 0.1% Sulphur.

As the vessel has only one MGO Storage Tank, the vessel must always only bunker low Sulphur MGO with sulphur content of max 0.1%

Further, given that the vessel has only one Fuel Oil Settling Tank and one Fuel Oil Service Tank, the following procedure must be carefully followed.

1. In Preparation for the SECA or ECA, the Master is to notify the Chief Engineer at least 60 hrs prior to entering the SECA / ECA area.
2. The Chief Engineer is to Calculate the length of time required to conduct the changeover operation from High Sulphur to Low Sulphur Fuel using the Lloyd's Register Changeover Calculator attached to this General Circular No. GC 15/002.
3. The Chief Engineer is to ensure that the Changeover operation is completed and that consumption is on Low Sulphur Fuel, 36 hours prior to the expected time of entering the SECA / ECA.
4. Changeover Operations is to be conducted as follow:-
 - a) Allow Settling Tank to empty so that the purifier loses suction (Empty) and then refill this tank from the selected Low Sulphur Bunker Tank.
 - b) From this point on only pump up to the Settling Tank the selected Low sulphur Bunker Tank.

- c) Run FO purifiers Settling Tank to Settling Tank until the service Tank is lowered to 4 tons, then start delivering purifier outlet to service tank.
- d) When using the Lloyd's Calculator to determine the length of time for changeover and having prepared the Settling Tank as per Para 4(a) use the following values for the calculation:-
 - i. HSFO in Settling Tank at start of changeover 2 tons
 - ii. HSFO in the Service Tank at start of changeover 4 tons
 - iii. HSFO in the mixing Tank 1.0 tons
 - iv. Rate of fuel consumption 1.25 tons

Record all changeover times in the Oil Record Book (part 1) Machinery Space Operations (All ships) as per the General Circular No 12/002 – addendum 1

Important Note: Given the current limited availability of LSFO, the vessel must at all times ensure that it has sufficient ROB of LSMGO so as to meet the demand to conform to Regulations.

When leaving the SECA / ECA

Allow the settling tank to run empty, change over the purifier discharge to the settling tank and refill it from the “Normal” fuel bunker tanks

Please also refer to GC 12/003 – addendum 1

As regards operating machinery on either LSFO or LSMGO the OEM's Operating Instructions are to be followed.

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