MARITIME

GLOBAL SULPHUR CAP 2020 – HOW TO MOVE AHEAD

A checklist for shipping companies on how to prepare efficiently for compliance with the global sulphur cap 2020
PLANNING

- Fuel strategy - fuel selection for the fleet, including commercial aspects.
- Commercial risk assessment - fuel price scenarios/availability/modification costs.
- Discussion with bunker suppliers - availability of different fuel products.
- Start discussion with charterers - bunkering clauses, costs of preparation, fuel specifications.
- Assess impact on machinery systems and fuel - note OEMs’ and fuel suppliers’ recommendations.
- Prepare plan for modifications, if needed - tank segregation, fuel pumps, fuel treatment systems, engine components, etc.

TECHNICAL & OPERATIONAL ACTIVITIES

- Training of crew and shore personnel.
- Modifications of tanks, fuel supply system, etc., as planned.
- Designate sampling points (this will be a future requirement).
- Prepare procedures for FONAR (Fuel Oil Non-Availability Report).
- Tank cleaning.
- Prepare procedures to assess fuel compatibility (keep new bunker in separate tank until lab results are available).
- Consider preparing a fuel management plan, including a strategy to address challenges arising out of the variety of new and existing fuel types on the market.

COMMERCIAL PREPARATION

- Review charter party agreements.
- Review bunker clauses.
- Identify most frequent ports of call / regions of trade.
- Make agreement with bunker suppliers (if possible/relevant).
- Agree with charterers on commercial terms (bunker clauses) for delivery and redelivery issues before and after 2020.
- Maintain regulatory update, including local regulations.
- Negotiate with charterers on costs related to vessel preparation.

FUEL SWITCH

- Bunker compliant fuel to clean tanks (bunkering strategy for the changeover period to ensure continuous operation with minimal disruptions and costs).
- Flush the fuel oil system.
- Supply appropriate lube oil type.
- Test operation with distillates and/or VLSFO.
- Dispose of non-compliant fuel, if necessary (before carriage ban is enforced, 1 March 2020).

GLOBAL SULPHUR CAP TIMELINE

- 0.50% limit, global (MARPOL, 2020)
- 0.10% limit, SECAs (MARPOL)
- 0.50% limit, China national waters (12 nm), 2019

DNV GL sulphur cap 2020 web page
DNV GL’s Maritime Advisory services relevant for the 2020 challenge
DNV GL - Maritime Academy training course on how to prepare for 2020