## Data collection system for fuel oil consumption of ships

#### Key references:

MEPC.278(70) Amendments to MARPOL Annex VI

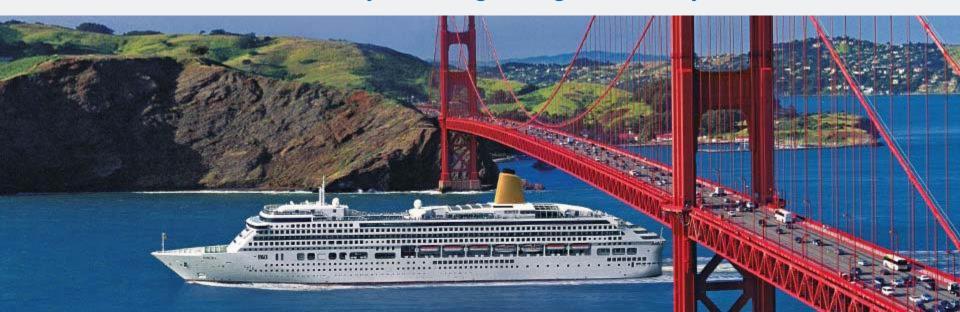
- Regulation 22A Collection and reporting of ship fuel oil consumption data
- Appendix IX Information to be submitted to the IMO Ship Fuel Oil Consumption Database

MEPC.282(70) 2017 SEEMP Guidelines

- PART II: Ship Fuel Oil Consumption Data Collection Plan

#### New regulation 22A added to chapter 4 of MARPOL Annex VI

- Ships of 5,000 gross tonnage and above will be required to submit to their Administration annual reports on fuel oil consumption and transport work parameters, via a methodology included in the SEEMP
- Administrations to submit aggregated data to IMO, which will maintain an anonymised IMO Ship Fuel Oil Consumption Database
- Regulation 22A is expected to enter into force on 1 March 2018, with first data "calendar year" beginning 1 January 2019



## New appendix IX - Information to be submitted to IMO Ship Fuel Oil Consumption Database

- IMO number
- Period of calendar year covered
- Technical characteristics of the ship
  - Ship type
  - Gross tonnage (GT)
  - Net tonnage (NT)
  - Deadweight tonnage (DWT)
  - Power output (rated power) of main and auxiliary engines (kW)
- EEDI (if applicable)
- Ice class
- Fuel oil consumption, by fuel oil type, in metric tonnes and methods used for collecting fuel oil consumption data
- Distance travelled (over ground), hours underway



#### Fuel oil consumption data collection process

#### **Ship**

Submits data to flag State or RO in accordance with regulation 22A

Data collection methodology to be included in the ship's SEEMP

Ship required to keep on board the Statement of Compliance – Ship Fuel Oil Reporting

#### flag State Administration

Aggregates data and submits to IMO Secretariat

Ensures that the ship's SEEMP, and verifies the data reported, complies with regulation 22A

Issues to the ship

Statement of

Compliance 
Ship Fuel Oil

Reporting

#### IMO Secretariat

Aggregates all data submitted by flag States, ROs, and non-party ships

Provides flag
States with
anonymized data
from the IMO
Ship Fuel Oil
Consumption
Database

# IMO Ship Fuel Oil Consumption Database

Data will be anonymised to the extent that individual ships cannot be identified

Access to anonymized data will be restricted to Parties to Annex VI only

### Correspondence group on a data collection system for fuel oil consumption

MEPC 70 re-established a correspondence group on a data collection system for fuel oil consumption and instructed it to:

- finalize the draft guidelines for Administration data verification procedures, in accordance with regulation 22A.7 of MARPOL Annex VI;
- further develop the draft guidelines for the development and management of the IMO Ship Fuel Oil Consumption Database, including means to keep the ships anonymised and to ensure the completeness of the database, in accordance with regulations 22A.9, 22A.11 and 22A.12;
- develop the draft MEPC circular to address non-Party ships submitting data to the IMO Ship Fuel Consumption Database; and
- Report to MEPC 71 (July 2017)