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ANNEX 1

ANNEX

to

the Commission Delegated Regulation

on the verification activities and accreditation of verifiers pursuant to Regulation (EU) 2015/757 of the European Parliament and of the Council on monitoring, reporting and verification of carbon dioxide emissions from maritime transport

ANNEX

Marine-sector-specific knowledge and experience

For the purposes of Article 24(3) knowledge and experience of the following shall be taken into consideration:

- understanding of the relevant regulations under the MARPOL Convention and the SOLAS Convention such as those on energy efficiency for ships¹, the NO_x Technical Code², the Sulphur Oxides Regulation³, the Fuel Oil Quality Regulation⁴ the Intact Stability Code 2008 and relevant guidelines (such as guidance on the development of the SEEMP);
- possible synergies between monitoring and reporting in accordance with Regulation (EU) 2015/757 and existing maritime-specific management systems, (e.g. the ISM Code) and other relevant sector-specific guidance (such as guidance on the development of the SEEMP);
- emissions sources on board the ship;
- registration of voyages and procedures ensuring the completeness and accuracy of the list of voyages (as submitted by the company);
- reliable external sources (including ship-tracking data) that could serve to cross-check information with data from ships;
- fuel consumption calculation methods, as applied by ships in practice;
- the application of uncertainty levels in accordance with Regulation (EU) 2015/757 and relevant guidance;
- the application of emission factors for all fuels used on board the ship, including LNG, hybrid fuels and biofuels;
- fuel handling, fuel cleaning, tank systems;
- ship maintenance/quality control of metering equipment;
- bunkering documents, including bunker delivery notes;
- operational logs, voyage abstracts and port abstracts, ship deck logs;
- commercial documentation, e.g. charter party agreements, bills of lading;
- existing statutory requirements;
- operation of the ship's bunkering systems;
- determination of fuel density by ships in practice;
- data-flow processes and activities for the calculation of cargo carried (in volume or mass), as applied to ship types and activities under Regulation (EU) 2015/757;
- concept of deadweight carried as applicable to ship types and activities under Regulation (EU) 2015/757 in accordance with Implementing Regulation

¹ Regulation 22, Annex VI to MARPOL Convention.

² Revised technical Code on Control of Emission of Nitrogen Oxides from Marine Diesel Engines, (Resolution MEPC.176(58), as amended by resolution MEPC.177(58)).

³ Regulation 14, Annex VI to MARPOL Convention.

⁴ Regulation 18, Annex VI to MARPOL Convention.

(EU) XXX/YYYY[for OP: Implementing Regulation on determination of cargo carried...];

- data-flow processes used to calculate distance travelled and time at sea for voyages in accordance with Regulation (EU) 2015/757;
- machinery and technical systems used on board the ship to determine fuel consumption, transport work and other relevant information.