



Türk Loydu Summary Report – PPR 11

FEBRUARY 2025

TLR /PPR 12

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summary report

The 12th session of the Pollution Prevention and Response Sub-Committee was held from 27 to 31 January 2025. Decisions and discussions have been summarized hereunder.

SAFETY AND POLLUTION HAZARDS OF CHEMICALS AND PREPARATION OF CONSEQUENTIAL AMENDMENTS TO THE IBC CODE

The Sub-Committee considered the report of ESPH 30.

Carriage of biofuels and biofuel blends by bunker ships

Regarding to the carriage of biofuels and biofuel blends by bunker ships, the Sub-Committee noted the deliberations of ESPH 30, including the views and concerns expressed regarding allowing bunker ships certified under MARPOL Annex I to carry biofuel blends with up to 30% biofuel blends. The Sub-Committee established the Drafting Group on the Carriage of Biofuel Blends by Bunker Ships. PPR 12 agreed to the draft MEPC circular on Interim guidance on the carriage of blends of biofuels and MARPOL Annex I cargoes by conventional bunker ships with a view to approval by MEPC 83.

Evaluation of pure or technically pure products and mixtures as a whole

Sub-Committee concurred with the evaluation of pure or technically pure products and mixtures as a whole carried out by ESPH 30 and revised carriage requirements for four existing entries in chapter 17 of the IBC Code, and their respective inclusion in list 1 of MEPC.2/Circ.30.

DEVELOPMENT OF GUIDANCE ON MATTERS RELATING TO IN-WATER CLEANING

The Sub-Committee continued its work to develop guidance on matters relating to in-water cleaning. The report of Correspondence Group which is established at PPR 11. Following the the consideration of the report and submitted documents working group on Marine Biosafety has been established to finalize the draft guidance on in-water cleaning of ships' biofouling. The Sub-Committee agreed to the draft Guidance on in-water cleaning of ships' biofouling and the associated draft MEPC circular with a view to their approval by MEPC 83.

REDUCTION OF THE IMPACT ON THE ARCTIC OF BLACK CARBON EMISSIONS FROM INTERNATIONAL SHIPPING

The Sub-Committee considered the the development of the "polar fuels" concept and noted that there was broad support and willingness to further work on the "polar fuels" concept. The Sub-Committee invited interested Member States and international organizations to submit concrete proposals to PPR 13 on the "polar fuels" concept, which could be supported by scientific studies and findings from BC measurement campaigns using the measurement reporting protocol set out in the Guidelines on recommendatory Black Carbon emission measurement, monitoring and reporting (resolution MEPC.394(82)).

EVALUATION AND HARMONIZATION OF RULES AND GUIDANCE ON THE DISCHARGE OF DISCHARGE WATER FROM EGCS INTO THE AQUATIC ENVIRONMENT, INCLUDING CONDITIONS AND AREAS

The Sub-Committee considered the documents submitted and documents referred to it by MEPC 82. Following the discussion, the Sub-Committee noted the divergent views expressed on developing possible regulatory provisions on limitations/restrictions of the discharge of discharge water from EGCS. The Sub-Committee further noted that the Secretariat had initiated the necessary steps to also allow for the submission of information on any discharge restrictions using the "MARPOL Annex VI" module of GISIS. Following discussions, the Working Group on Prevention of Air Pollution from Ships was instructed to finalize terms of reference for the GESAMP Task Team on EGCS. PPR 12 invited MEPC 83 to reestablish the GESAMP Task Team to carry out the following activities:

- Compare various methods for achieving a representative set of emission factors with universal geographic application. Emission factors enable ports and port States to complete a key step in developing EGCS-related environmental risk assessments.
- Evaluate best practices for developing the data sets and methods.
- Evaluate considerations for calculating emission factors.
- Propose a standard methodology for development of the data sets and calculation of the emission factors for a representative and universal set of emission factors, including best practices.
- Report on any sets of emission factors determined using the methodology developed by the GESAMP Task Team on EGCS.
- Submit a report on its findings to PPR 13.

DEVELOPMENT OF AMENDMENTS TO MARPOL ANNEX VI AND THE NOX TECHNICAL CODE ON THE USE OF MULTIPLE ENGINE OPERATIONAL PROFILES FOR A MARINE DIESEL ENGINE INCLUDING CLARIFYING ENGINE TEST CYCLES

The Sub-Committee considered the documents submitted and documents referred to it by MEPC 82 and constructed the Working Group on Prevention of Air Pollution from Ships. PPR 11 finalized draft amendments to MARPOL Annex VI and the NOx Technical Code 2008 on the use of multiple engine operational profiles for a marine diesel engine, including clarifications of engine test cycles, as well as draft amendments to the NOx Technical Code 2008 on certification of an engine subject to substantial modification, with a view to approval by MEPC 82 and subsequent adoption.

AMENDMENTS TO THE 2017 GUIDELINES ADDRESSING ADDITIONAL ASPECTS OF THE NOx TECHNICAL CODE 2008 WITH REGARD TO PARTICULAR REQUIREMENTS RELATED TO MARINE DIESEL ENGINES WITH SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEMS (RESOLUTION MEPC.291(71), AS AMENDED BY RESOLUTION MEPC.313(74))

The Sub-Committee considered updating the 2017 SCR Guidelines to remove ambiguities and ensure consistent application, including clarifying the pre-certification procedure and developing additional guidance for certifying SCR arrangements where more than one engine is connected to a common SCR system. The Sub-Committee agreed to instruct the Working Group on Prevention of Air Pollution from Ships and the working group was established. It was expressed that such arrangements could be considered on a case-by-case basis and that there was no urgent need for developing specific guidance.

The Sub-Committee approved the draft 2025 Guidelines on Selective Catalytic Reduction (SCR) Systems (2025 SCR Guidelines) and the associated draft MEPC resolution with a view to adoption by MEPC 83.

REVISION OF MARPOL ANNEX IV AND ASSOCIATED GUIDELINES

The Sub-Committee agreed to amend the title of the output to “Revision of MARPOL Annex IV and Associated Guidelines to introduce provisions for record-keeping and measures to confirm the lifetime performance of sewage treatment plants”. The Sub-Committee established the Drafting Group on Revision of MARPOL Annex IV and instructed it to develop draft terms of reference for the re-establishment of the Correspondence Group on Revision of MARPOL Annex IV and Associated Guidelines.

PPR 12 re-established the Correspondence Group on Revision of MARPOL Annex IV and Associated Guidelines with the following terms of reference:

- further develop the draft revised MARPOL Annex IV with regard to the Sewage Record Book (SRB) and Sewage Management Plan (SMP), with a view to finalization at PPR 13;
- continue the development of the draft revised MARPOL Annex IV apart from the work above, as appropriate;
- further develop draft amendments to the 2012 Guidelines on implementation of effluent standards and performance tests for sewage treatment plants (Type Approval Guidelines);
- further develop the draft guidelines on the implementation of MARPOL Annex IV for sewage treatment plants (Implementation Guidelines);
- develop draft guidance on obtaining data with regard to the quality of treated sewage effluent.

FOLLOW-UP WORK EMANATING FROM THE ACTION PLAN TO ADDRESS MARINE PLASTIC LITTER FROM SHIPS

Review of the Action Plan to Address Marine Plastic Litter from Ships

The Sub-Committee considered the submitted documents to PPR and also MEPC. The Sub-Committee agreed that the review of the Action Plan should focus on assessing the status of existing actions and refining their descriptions based on experience gained since its adoption. Subsequently, the Sub-Committee agreed to establish the Working Group on Marine Plastic Litter from Ships and instructed to conduct a review of the Action Plan. The Sub-Committee approved the draft 2025 Action Plan with following outcomes with a view to adoption by MEPC 83:

- Reduction of marine plastic litter generated from, and retrieved by, fishing vessels
- Reduction of shipping's contribution to marine plastic litter
- Improvement of the effectiveness of port reception and facilities and treatment in reducing marine plastic litter
- Enhanced public awareness, education and seafarer training
- Improved understanding of the contribution of ships to marine plastic litter
- Strengthened international cooperation

Also, the Sub-Committee updated the timeframes for the expected completion of the actions, grouping them according to short-, mid-, long-term and continuous actions.

Reduction of the environmental risk associated with the maritime transport of plastic pellets

The documents presenting experience gained with regard to the implementation of "MEPC.1/Circ.909 on Recommendations for the carriage of plastic pellets by sea in freight containers" were submitted to PPR 12. The Sub-Committee considered development of mandatory measures for reducing the environmental risk of the maritime transport of plastic pellets.

The Sub-Committee noted the table of considerations, advantages, limitations and impacts relating to amendments to mandatory instruments for each proposed approach for the carriage of plastic pellets by sea in freight containers to inform future discussions on the most appropriate legal framework for introducing mandatory measures.

Matters relating to fishing gear

With regard to reporting of fishing gear that has been lost or discharged from a ship the Sub-Committee considered the report of the Correspondence Group and instructed the Working Group to agree to the data to be reported to IMO to meet objectives 1 to 3 of the IMO database. With regard to the reporting of lost or discharged fishing gear, the Sub-Committee endorsed the Working Group's recommendation on the data to be reported to IMO

2023 Guidelines for the development of the Inventory of Hazardous Materials

The Sub-Committee considered the document proposing changes to the 2023 IHM Guidelines to clarify the relevant threshold in respect of cybutryne when samples are taken directly from the hull or from wet paint containers.

PPR 12 approved the draft amendments to the 2023 Guidelines for the development of the Inventory of Hazardous Materials (resolution MEPC.379(80)) and the associated draft MEPC resolution and invited MEPC to adopt them.

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