



# Technical Information

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No. : 170 - 2019

22 February 2019

To : Whom It May Concern

Subject : Summary Report on IMO Meeting of Sub-Committee on Pollution Prevention and Response 6<sup>th</sup> Session (PPR 6)

## Summary

This Technical Information summarizes the result of 6<sup>th</sup> Session of the IMO Sub-Committee on Pollution Prevention and Response (PPR 6) that was held from the 18 to 22 February 2019, at the IMO headquarters in London.

## Information

1. The information provided in this Technical Information are the ones which have high relevance with the work of BKI or considered as an essential information for interested parties.
2. The following agenda are among those discussed during the meeting :

Agenda Item	Topic
3	Safety and pollution hazards of chemicals and preparation of consequential amendments to the IBC Code
5	Revised guidance on methodologies that may be used for enumerating viable organisms
6	Amendment of annex 1 to the AFS Convention to include controls on cybutryne, and consequential revision of relevant guidelines
8	Consistent implementation of regulation 14.1.3 of MARPOL Annex VI
11	Review of the 2015 Guidelines for Exhaust Gas Cleaning Systems (resolution MEPC.259(68))
16	Unified interpretation to provisions of IMO environment-related conventions

3. The Agenda above are several technical issues discussed during the meeting. A brief coverage among the issues are expressed in the attached document.

More info

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**BRIEF INFORMATION ON IMO MEETING OF SUB-COMMITTEE ON POLLUTION PREVENTION AND RESPONSE 6TH SESSION (PPR 6)**

**A. SAFETY AND POLLUTION HAZARDS OF CHEMICALS AND PREPARATION OF CONSEQUENTIAL AMENDMENTS TO THE IBC CODE (AGENDA ITEM 3)**

Taking into account report of the twenty-fourth session of the Working Group on the Evaluation of Safety and Pollution Hazards of Chemicals (ESPH) of the Sub-Committee on Pollution Prevention and Response and proposals submitted at PPR 6 under this agenda item, the Sub-Committee agreed to establish Working Group on Safety and Pollution Hazards of Chemicals and Preparation of Consequential Amendments to the IBC Code.

Following the work and decision made by the Working Group, The Sub-Committee decided to:

1. concur with the evaluation of products and their respective inclusion in lists 1 and 3 of the MEPC.2/Circular;
2. concur with the evaluation of cleaning additives;
3. concur with the Group's decision regarding the need for a revision of the Tank cleaning additives guidance note and reporting form (MEPC.1/Circ.590) and invite Member States to submit proposals to ESPH 25;
4. note that 35 tripartite agreements would expire in December 2019 and would be deleted from the MEPC.2/Circular, and invite Member Governments to advise their industry counterparts to take action accordingly, to avoid any delay in the carriage of these products beyond their expiry dates;
5. concur with the draft MEPC circular on Guidance on the implementation of provisional categorization of liquid substances in accordance with MARPOL Annex II and the IBC Code related to paraffin-like products;
6. endorse the draft modifications to the draft amendments to the IBC Code, to be considered and adopted together with the amendments to the IBC Code, by MEPC 74 and MSC 101;
7. endorse the draft MSC-MEPC circular containing the Revised guidelines for the carriage of blends of biofuels and MARPOL Annex I cargoes, for subsequent approval by MEPC 74 and MSC 101;
8. concur with the draft revised MEPC.1 circular on the Guidelines for the provisional assessment of liquid substances transported in bulk, with a view to subsequent approval by MEPC 74;
9. approve the draft revised PPR circular on Decisions with regard to the categorization and classification of products;
10. note that the Group concurred with paragraph 5.3.2 of the draft Interim Guidelines for the safety of ships using methyl/ethyl alcohol as fuel (CCC 5/WP.3, annex 1) and advise CCC 6 accordingly; and
11. approve the proposed provisional agenda for ESPH 25.

## **B. REVISED GUIDANCE ON METHODOLOGIES THAT MAY BE USED FOR ENUMERATING VIABLE ORGANISMS (AGENDA ITEM)**

The Sub-Committee noted that MEPC 71 approved BWM.2/Circ.61 on Guidance on methodologies that may be used for enumerating viable organisms for type approval of ballast water management systems. This Guidance was a result of the adoption of the 2016 Guidelines (G8), which calls for guidance on methodologies for determining the viability of organisms.

The Sub-Committee also noted a proposal submitted at MEPC 71 and PPR by the Netherlands to add two additional methods to the list, i.e. Flow Cytometry Method (FCM) and Pulse Amplitude Modulation PAM methods, where it is confirmed that the two methods are meant to be used together and not separately, and that no validation of the combination of the two methods has been carried out.

At this session, the Netherlands notified the Sub-Committee that The Netherlands is in the process of validating a method for the 10 to 50 µm size class, which is intended to provide an accurate count and a viability assessment. Therefore, the Netherlands requested to the Sub-Committee to change the target completion year of 2019 for output to "Continuous" as was intended by BWM.2/Circ.61. However, this proposal cannot be accepted by the Sub-Committee.

In this context, the Sub-Committee invited the delegation of the Netherlands to submit information on the validation of FCM, addressing also the concerns expressed at PPR 5, to a future session of the Sub-Committee.

The Sub-Committee noted the updated information on a method for analysis of live organisms in ballast water by automatic detection of organisms that are motile and/or organisms containing chlorophyll (MFA; Motility and Fluorescence Assay)

## **C. AMENDMENT OF ANNEX 1 TO THE AFS CONVENTION TO INCLUDE CONTROLS ON CYBUTRYNE, AND CONSEQUENTIAL REVISION OF RELEVANT GUIDELINES (AGENDA ITEM 6)**

The Sub-Committee recalled that MEPC 71 had agreed to include a new output "Amendment of annex 1 to the AFS Convention to include controls on cybutryne, and consequential revision of relevant guidelines"; with target completion year 2020.

In addition, the Committee invited the submission, to PPR 6, of a comprehensive proposal to amend annex 1 to the AFS Convention to include controls on cybutryne, containing all the information required in annex 3 to the AFS Convention and taking also into account the concerns expressed at PPR 5 regarding the need for a robust process for risk assessments and the possibly limited geographical scope of the risk assessments carried out for the initial proposal.

At this session, Austria, et.al submitted document PPR 6/6 and PPR 6/INF.7 to provide evidence of the

unacceptable risks identified for the environment relating to the use of anti-fouling paints that contain cybutryne and propose the control of this chemical substance through an amendment to annex 1 to the AFS Convention.

In order to have in-depth discuss, the Sub-Committee established Technical Group on the Amendments to the AFS Convention.

Taking into account the results of Technical Group meeting, the Sub-Committee agreed to:

1. circulate the report to the Parties, Members of the Organization, the United Nations and its Specialized Agencies, intergovernmental organizations having agreements with the Organization and non-governmental organizations in consultative status with the Organization, prior to its consideration by the Committee;
2. invite proposals for a standard approach to risk assessment for the future evaluation of anti-fouling substances
3. encourage Member States to conduct baseline studies prior to the entry into force of controls on cybutryne, in order to allow the subsequent determination of the effectiveness of these controls;
4. the draft amendment to annex 1 (Controls on anti-fouling systems) to the AFS Convention to include controls on cybutryne, set out in annex 1, for consideration by MEPC 74, with a view to approval;
5. the draft amendment to the model form of the International Anti-fouling System Certificate, set out in annex 2, for consideration by MEPC 74, with a view to approval; invite proposals to PPR 7 on amendments to the Guidelines for brief sampling, survey and certification, and inspection of anti-fouling systems on ships (resolutions MEPC.104(49), MEPC.195(61) and MEPC.208(62), respectively), taking into account the issues raised at this session;
6. invite the Committee to request the governing bodies of the London Convention and Protocol, at their next meeting, to consider a revision of the Revised guidance on best management practices for removal of anti-fouling coatings from ships, including TBT hull paints (LC-LP.1/Circ.31/Rev.1), in light of the introduction of controls of cybutryne under the AFS Convention; and
7. invite the Committee to note the need to consider an update to the list of items to be listed in the Inventory of Hazardous Materials under the Hong Kong Convention to include cybutryne when the respective controls enter into force.

#### **D. CONSISTENT IMPLEMENTATION OF REGULATION 14.1.3 OF MARPOL ANNEX VI**

The Sub-Committee established Working Group on Prevention of Air Pollution from Ships, at this session to ensure consistent implementation of Regulation 14.1.3 of MARPOL Annex VI regarding sulphur cap 2020.

### **Draft amendments MARPOL Annex VI**

The Sub-Committee, in principle, agreed to draft amendments to regulations 1, 2, 14 and 18 and appendices I and VI.

The amendments of MARPOL Annex VI are intended to include the new requirements regarding fuel oil sampling and testing. These will require sampling point(s) shall be fitted or designated for the purpose of taking representative samples of the fuel oil being used on board the ship in order to verify the fuel oil complies with regulations 14.1.3.

For a ship constructed before entry into force of these requirements, the sampling point(s) shall be fitted or designated not later than the first renewal survey that occurs after entry into force of these regulations or 12 months after, whichever is later.

These draft amendments will be submitted to MEPC 74 for approval.

### **Draft 2019 Guidelines on consistent implementation of the 0.50% sulphur limit under MARPOL Annex VI**

The purpose of these Guidelines is to ensure consistent implementation of the 0.50% sulphur limit under MARPOL Annex VI. These Guidelines are intended for use by Administrations, port State, shipowners, shipbuilders and fuel oil suppliers.

These Guidelines contain, inter alia:

1. Ship implementation planning for 2020;
2. Impact on fuel and machinery systems;
3. Verification issues and control mechanism and actions;
4. Fuel oil non-availability; and
5. Possible safety implications relating to fuel oils meeting the 0.50% m/m sulphur limit.

These draft MEPC resolution will be submitted to MEPC 74 for adoption.

### **Draft Guidance for Port State Control on Contingency Measures for Addressing Non-Compliant Fuel Oil**

In the case of non-compliant fuel oil, communication between the ship and the port State should occur. The ship and the port State should consider the following as possible contingency measures set out in this Guidance.

### **Draft MEPC Circular 2019 Guidelines for Onboard Sampling for the Verification of the Sulphur Content of the Fuel Oil Used on Board Ships**

The 2019 Guidelines for onboard sampling for the verification of the sulphur content of the fuel oil used on board ships contain an agreed method for sampling to enable effective control and enforcement of liquid fuel oil being used on board ships under the provisions of MARPOL Annex VI.

Member Governments are invited to bring the annexed Guidelines to the attention of Administrations, industry, relevant shipping organizations, shipping companies and other stakeholders concerned.

This circular will be submitted to MEPC 74 for approval and supersedes MEPC.1/Circ.864.

### **Draft Joint MSC-MEPC Circular Addressing the Delivery of Compliant Fuel Oil by Suppliers**

This draft is intended to ensure the compliance with SOLAS and MARPOL (safety and environment) with regard to supply of compliant fuel oil to ships.

Where safety and fuel oil quality are addressed in SOLAS chapter II-2 and regulations 14 and 18 of MARPOL Annex VI. Furthermore, MARPOL Parties should take action as appropriate against fuel oil suppliers that have been found to deliver fuel oil that does not comply with that stated on the bunker delivery note.

This draft will be submitted to MEPC 74 and MSC 101 for approval.

### **MEPC Circular Unified interpretations to MARPOL Annex VI**

This circular provides interpretation for Regulation 14.1 regarding application of sulphur limit to emergency equipment. This means that the prohibition on carriage of non-compliant fuel oil should be applied to the fuel oil of emergency equipment.

This circular supersedes MEPC.1/Circ.795/Rev.3. Furthermore, this will be submitted to MEPC 74 for approval.

### **Draft 2019 Guidelines for port State control under MARPOL Annex VI**

These guidelines is intended to provide basic guidance on the conduct of port State control inspections for compliance with MARPOL Annex VI and afford consistency in the conduct of these inspections, the recognition of deficiencies and the application of control procedures.

This draft will be submitted to MEPC 74 for adoption.

## **E. REVIEW OF THE 2015 GUIDELINES FOR EXHAUST GAS CLEANING SYSTEMS (RESOLUTION MEPC.259(68)) (AGENDA ITEM 11)**

The Sub-Committee agreed that the revised 2015 EGCS Guidelines be prepared as a new set of Guidelines (e.g. 2020 EGCS Guidelines) that will only apply to new installations fitted after a specific date, and existing EGCSs approved in accordance with 2015 EGCS Guidelines will not need to be approved again.

Moreover, following the discussion, the Sub-Committee recognized the need for further studies of the impacts of discharge washwater from exhaust gas cleaning systems. These studies will be taken into account during the further development of the draft amendments to the 2015 EGCS Guidelines.

Having noted the progress made by the Correspondence Group as well as all other documents considered at this session relating to the review of the 2015 EGCS Guidelines, the Sub-Committee invited MEPC 74 to extend the target completion year for this output to 2020, with a view to finalizing the work at PPR 7.

#### **F. UNIFIED INTERPRETATION TO PROVISIONS OF IMO ENVIRONMENT-RELATED CONVENTIONS (AGENDA ITEM 16)**

At this session, the Sub-Committee agreed to the following Unified Interpretation to be submitted to MEPC 74 for approval:

- a) Unified Interpretations to facilitate the implementation of regulation 16.9 of MARPOL Annex VI. This interpretation provides clarification of an inconsistency between regulation 16.9 of MARPOL Annex VI
- b) Unified Interpretations to facilitate the implementation of regulation 13.5.3 of MARPOL Annex VI. This provides clarification regarding application of recording requirement in regulation 13.5.3 of MARPOL Annex VI to replacement engines (Tier II) subject to the 2013 Guidelines as required by regulation 13.2.2 of MARPOL Annex VI in respect of non-identical replacement engines not required to meet the Tier III limit (resolution MEPC.230(65)).