



# Briefings of IMO Meeting

## PPR 5 (5 - 9 February 2018)

BRIEFING STATUS

*Flash*

No. IMO-2018-02

(For sub-committee only 1 step as Flash)

### Subject: News Flash of PPR 5 (Sub-Committee on Pollution Prevention and Response)

The Sub-Committee on Pollution Prevention and Response (PPR) held its fifth session at IMO HQ in London from 5<sup>th</sup> to 9<sup>th</sup> Feb. 2018. In this regard, please be informed of the main issues and summary of PPR 5 as below. In reviewing this briefing, readers should be assured that the output written herein are not legally effective until they are adopted as mandatory instruments by MEPC.

#### 1. Safety and pollution hazards of chemicals and preparation of consequential amendments to the IBC Code (Agenda 3)

(1) The Sub-Committee reviewed the outcomes of 23<sup>rd</sup> (Oct. 2017) Working Group of ESPH (Evaluation of Safety and Pollution Hazards of Chemicals) which contain the requirements for new chemical products, new cleaning additives and the relevant amendment to the IBC Code and etc. and discussed the following issues:

○ New Cleaning additives

- The sub-Committee concurred with evaluation of 19 cleaning additives and 10 of those products meeting the criteria and 38 name amended products. This will be prepared for inclusion in next revision of the MEPC.2/Circular.

○ Amendments to IBC Code and Annex II of MARPOL

- The Sub-Committee agreed to the draft amendments to the IBC Code (Chapter 15, 17\*, 18, 19 and 21 and BCH Code and consequential draft amendment to MARPOL Annex II) under the revised Chapter 21 of IBC Code, for submission to MEPC 73 and MSC 100, with a view to approval and subsequent adoption.

\* The overall requirements for each cargo in Chapter 17 of IBC Code (including the increased number of "Toxic Product (Chapter 15.12 of IBC related products)" and the methyl alcohol) have been revised in general.



# Briefings of IMO Meeting

## PPR 5 (5 - 9 February 2018)

BRIEFING STATUS

*Flash*

No. IMO-2018-02

(For sub-committee only 1 step as Flash)

- MEPC.1/Circ.512
  - The Sub-Committee had not made conclusion. The related works will be carried out at ESPH 24.
- Guidelines for the carriage of energy-rich fuels\* and their blends
  - The Sub-Committee agreed to the draft MEPC circular on Guidelines for the carriage of energy-rich fuels and their blends, for submission to MEPC 73 with a view to approval.

*"When Bio-fuel blends containing 75% or more of energy-rich fuel the blend is subject to Annex I of MARPOL."*

\*An Energy-rich fuel is obtained from biological origin or non-petroleum sources (e.g. algae, vegetable oils) or is a blend of petroleum-based fuel and a product obtained from biological origin or non-petroleum sources

## 2. Review of MARPOL Annex II Requirements that have an impact on cargo residues and tank washings of high-viscosity and persistent floating products (Agenda 4)

- The Sub-Committee agreed to the follow draft amendments to MARPOL Annex II, for submission to MEPC 73, with a view to approval and subsequent adoption.
  - Reg. 1.22 : Definition of Persistent Floater (Amended)
  - Reg. 13.7.1.4 : Control of discharges of residues of noxious liquid substances such as vegetable oil and paraffin (newly added)
  - Reg. 13.9 : Areas to which regulation 13.7.1.4 applies (newly added)

## 3. Ballast Water Management (Agenda 5, 6, 23)

- The Sub-Committee agreed not to revise Guidance on ballast water sampling and analysis for trial use in accordance with the BWM Convention



# Briefings of IMO Meeting

## PPR 5 (5 - 9 February 2018)

BRIEFING STATUS

*Flash*

No. IMO-2018-02

(For sub-committee only 1 step as Flash)

and Guidelines(BWM.2/Circ.42/Rev.1, G2) at this stage considering the concerns with regard to issues that may arise by possible implementation of the proposed ballast water sampling method contained in PPR 5/5, possibly also taking into account the ISO 11711-1 standard once completed and available. (Agenda 5)

- The Sub-Committee recognized that FCM (Flow Cytometry Method) and PAM (Pulse Amplitude Modulation) methods would apply as the "combined" method and not separately, specific information with regard to validation of the combination of the two methods should be provided in any further submission. In this regard, the Sub-Committee agreed not to add the FCM and PAM methods in BWM.2/Circ.61 at this stage. (Agenda 6)
- System Design Limitations (SDL) (Agenda 23)
  - The Sub-Committee finalized the draft Guidance on System Design Limitations of ballast water management systems and their monitoring parameter, with a view to approval at MEPC 73.
- Contingency measures (Agenda 23)
  - The Sub-Committee agreed that the aspect of contingency measures, focusing on discharge, should be separated from that of ports with challenging water quality, focusing on uptake.
  - The Sub-Committee also invited submissions to PPR 6 on specific examples of contingency measures acceptable to port States and implemented by the shipping industry, which could then be included in an annex to the Guidance on contingency measures under the BWM Convention (BWM.2/Circ.62).
  - As for ports with challenging water quality, the Sub-Committee invited submissions to PPR 6 on comments or proposals for draft guidance.



# Briefings of IMO Meeting

## PPR 5 (5 - 9 February 2018)

BRIEFING STATUS

*Flash*

No. IMO-2018-02

(For sub-committee only 1 step as Flash)

#### 4. Consideration of the impact on the Arctic of emissions of black carbon from international shipping (Agenda 7)

- The Sub-Committee finalized the draft of black carbon reporting protocol for voluntary measurement studies to collect Black Carbon data.
- During this session, the proposed measurement methods (FSN, LII, PAS)\* were selected as the most appropriate methods.

\*FSN : Filter Smoke Number / LII : Laser Induced Incandescence / PAS : Photo-Acoustic Spectrometry

- The Correspondence Group(CG) after PPR 5 will assess the feasibility and appropriateness of the identified candidate control measures to reduce the impact of Black Carbon emissions from international shipping, with a view to finalization of the investigation of appropriate control measures at PPR 6.

#### 5. Standards for shipboard gasification of waste system and associated amendments to regulation of MARPOL Annex VI (Agenda 8)

- The Sub-Committee noted the progress report of the Correspondence Group(CG) and agreed to re-established the CG on Standards for shipboard gasification of waste systems and associated amendments to regulation 16 to MARPOL Annex VI for submission to PPR 6.

#### 6. Guideline for the discharge of exhaust gas recirculation bleed-off water (Agenda 9)

- The Sub-Committee finalized and agreed to the draft 2018 Guidelines for the discharge of exhaust gas recirculation (EGR) bleed-off water for submission to MEPC 73 with a view to adoption.



# Briefings of IMO Meeting

## PPR 5 (5 - 9 February 2018)

BRIEFING STATUS

*Flash*

No. IMO-2018-02

(For sub-committee only 1 step as Flash)

### 7. Revision of certification requirements for SCR systems under the NOx Technical Code 2008 (Agenda 10)

- As determined by MEPC 71 that Scheme A and Scheme B were equally applicable, the Sub-Committee agreed the following draft amendments to the NOx Technical Code(NTC) 2008 for approval at MEPC 73, with a view to adoption at MEPC 74.

#### - 2.2.5 NOx Reducing Devices

*"Where a NOX-reducing device is to be included within the EIAPP certification, it must be recognized as a component of the engine, and its presence shall be recorded in the engine's Technical File. The applicable test procedure shall be performed and the combined engine/NOX-reducing device shall be approved and pre-certified by the Administration taking into account Guidelines developed by the Organization\*. However, the pre-certification in accordance with Scheme B as given by the Guidelines developed by the Organization\* is subject to the limitations given in paragraph 2.2.4.2."*

- Draft consequential amendments to the 2017 Guidelines addressing additional aspects to the NOX Technical Code 2008 with regard to particular requirements related to marine diesel engines fitted with Selective Catalytic Reduction (SCR) Systems was also agreed by the Sub-committee with a view to adoption at MEPC 74.

### 8. Review of the 2015 guidelines for exhaust gas cleaning systems (Agenda 11)

- The Sub-Committee established a Correspondence Group on Exhaust gas cleaning systems to discuss the following issues with a view to finalization at PPR 6



# Briefings of IMO Meeting

## PPR 5 (5 - 9 February 2018)

BRIEFING STATUS

*Flash*

No. IMO-2018-02

(For sub-committee only 1 step as Flash)

- Development of specific guidance on accidental breakdown, instrument malfunction and perceived temporary non-compliance and transient performance of EGCS
- Development of full version of the 2015 Guidelines for exhaust gas cleaning systems (resolution MEPC.259(68))

### 9. Amendments to regulation 14 of MARPOL Annex VI to require a dedicated sampling point for fuel oil (Agenda 12)

- o The Sub-Committee noted that the term "designated" sampling point should be used instead of "dedicated" sampling point and this should be considered further.
- o In addition, the Sub-Committee considered the necessity of the installation of sampling point for in-use fuel in case of ships fitted with EGCS or using an alternative fuel such as methanol.
- o In consideration with the above, the Sub-committee agreed to include this agenda in the terms of reference for intersessional meeting on consistent implementation of 0.5% Sulphur limit.

### 10. Consistent implementation of regulation 14.1.3 of MARPOL Annex VI (Agenda 13) ★

#### (1) Back Ground

- o The MEPC 70 decided that the sulphur content limit for fuel oil in regulation 14.1.3 of MARPOL Annex VI (i.e. 0.50% m/m) should become effective on 1 January 2020.
- o The MEPC 71 approved the new output on "Consistent implementation of regulation 14.1.3 of MARPOL Annex VI" in the PPR Sub-Committee's biennial agenda for 2018-2019 with a target completion year of 2019.



# Briefings of IMO Meeting

## PPR 5 (5 - 9 February 2018)

BRIEFING STATUS

*Flash*

No. IMO-2018-02

(For sub-committee only 1 step as Flash)

### (2) Discussion and outcomes

- The carriage ban on non-compliant fuel oil
  - a) The Sub-Committee agreed draft amendments to MARPOL Annex VI and to the supplement to the IAPP Certificate for a prohibition on the carriage of non-compliant fuel oil for combustion purpose with sulphur content exceeding 0.5% as follows (Reg. 14), for submission to MEPC 72 for approval, with a view to adoption at MEPC 73.
    - Reg. 14.1  
*"The sulphur content of any fuel oil used or carried for use on board ships shall not exceed 0.50% m/m."*
  - The Sub-committee also established the work plan to complete the output on "Consistent implementation of Reg. 14.1.3 of MARPOL Annex VI" as follows:
    - a) Intersessional meeting (2018)
      - Development of draft guidelines for Consistent implementation of Reg. 14.1.3 of MARPOL Annex VI
      - Development of amendments to Reg. 2(Definition of Fuel Oil), Reg. 14 and 18 (Testing and verification procedure of in-use fuel oil samples)
      - Development of amendments to the related guidelines (Guidelines for "PSC under the MARPOL Annex VI", "monitoring the worldwide average sulphur content of fuel oils supplied for use on board ships" and "onboard sampling for the verification of the sulphur content of the fuel oil used on board ships")
    - b) PPR 6 (2019)
      - Finalization of draft aforementioned Guidelines and amendments
    - c) MEPC 74 (Spring 2019)



# Briefings of IMO Meeting

## PPR 5 (5 - 9 February 2018)

BRIEFING STATUS

*Flash*

No. IMO-2018-02

(For sub-committee only 1 step as Flash)

- Approval of draft guidelines for Consistent implementation of Reg. 14.1.3 of MARPOL Annex VI and amendment to Reg.2, 14 and 18.
- Adoption of amendments to the related guidelines
- d) MEPC 75 (2020)
  - Adoption of amendments to Reg. 2, 14 and 18 with an expected entry into force in summer 2021.

### 11. Revised guidelines for the application of MARPOL Annex I Requirements to FPSOs and FSUs (Agenda 14)

- o The Sub-Committee considered draft revised guidelines for the application of MARPOL Annex I requirements to FPSOs and FSUs to address the application of all other new MARPOL Annex I Amendments that have been adopted since MEPC 54 and discussed, in particular, application of Stability Instrument to FPSOs and FSUs.
  - Regarding the application of stability instrument to FPSO and FSU, the Sub-Committee agreed to apply these requirement as per Administration's intention and to insert following foot-note to the relevant entries of application table in the Guidelines:

*"If an Administration decides to apply these provisions to FPSOs and FSUs, it is invited to notify all parties involved so that a sufficient amount of time is allowed for the provisions to be complied with, which should be at least one year from the date of notification."*
- o Having Considered the report of the Drafting Group at PPR 5, the Sub-Committee agreed to the finalized draft guidelines for the application of MARPOL Annex I requirements to FPSOs and FSUs for submission to MEPC 73 with a view to adoption.





# Briefings of IMO Meeting

## PPR 5 (5 - 9 February 2018)

BRIEFING STATUS

*Flash*

No. IMO-2018-02

(For sub-committee only 1 step as Flash)

### 12. Use of electronic record books under MARPOL (Agenda 18)

- The Sub-Committee reviewed the updated draft package for the use of electronic record books, including draft Guidelines for the use of electronic record books under MARPOL; draft amendments to MARPOL and the NOX Technical Code; draft unified interpretations of MARPOL and the NOX Technical Code for use of Electronic Record Book during trial period until entry into force of the amendment to relevant regulations; draft amendments to the Procedures for port State control; and draft amendments to 2009 Guidelines for port State control under the revised MARPOL Annex VI.
- In view of concerns of reliability on Electronic Record Book raised by some delegations, the Sub-Committee decided not to allow use of electronic record book without recording to the hard copy during a trial period until the entry into force of the relevant MARPOL Amendments.
- In light of the above, the Sub-Committee finalized the updated draft package, except the draft Unified Interpretations and agreed these guidelines and amendments for submission with a view to adoption at MEPC 74.

### 13. Consideration of an initial proposal to amend Annex 1 to the AFS Convention to include controls on Cybutryne (Agenda 19)

- The Sub-Committee agreed, in principal, to include the Cybutryne\* in the Annex 1 to AFS Convention (controls on anti-fouling systems) and to establish the technical group for the more detailed review of cybutryne in accordance with Article 6 of AFS Convention.



# Briefings of IMO Meeting

## PPR 5 (5 - 9 February 2018)

BRIEFING STATUS

*Flash*

No. IMO-2018-02

(For sub-committee only 1 step as Flash)

### 14. Unified Interpretation (Agenda 20)

- Unified Interpretation on engine test cycles required by the NOX Technical Code 2008
  - Due to a lack of sufficient support by delegations, the Sub-Committee agreed not to develop an IACS unified interpretation on engine test cycles required by the NOX Technical Code 2008. (MPC 51 Rev.1)
- Unified interpretation on Garbage Record Book entries
  - The Sub-committee agreed to the need of clarification with respect to recording quantities of cleaning agents and additives contained in wash water as operational wastes. However, since specific unified interpretation was not presented in document submitted by Marshall Islands, the Sub-committee invited to submit concrete proposal including draft unified interpretation on this issue to PPR 6.

P.I.C:

Park Yun-chan / Senior surveyor  
Convention & Legislation Service Team  
Tel: +82 70 8799 8326  
Fax: +82 70 8799 8319  
E-mail: [convention@krs.co.kr](mailto:convention@krs.co.kr)

  
**General Manager of  
Convention & Legislation Service Team**

**Disclaimer**

Although all possible efforts have been made to ensure correctness and completeness of the contents contained in this information service, the Korean Register of Shipping is not responsible for any errors or omissions made herein, nor held liable for any actions taken by any party as a result of information retrieved from this information service.