IMO - CCC
for the fifth session of the Sub-Committee to be held at IMO Headquarters,
4 Albert Embankment, London, SE1 7SR, from Monday, 10 to Friday, 14 September 2018

Meeting Audio	
AGENDA ITEM 1: Adoption of the agenda	
CCC 5/1 8 December 2017 **PROVISIONAL AGENDA** PDF	
CCC 5/1/1 8 June 2018 **ADOPTION OF THE AGENDA** PDF	
CCC 5/1/2 6 July 2018 **Arrangements for working and drafting groups at CCC 5** Note by the Chair PDF	
AGENDA ITEM 2: Decisions of other IMO bodies	
CCC 5/2 12 June 2018 **Outcome of A 30, MEPC 72, MSC 99 and FAL 42** Note by the Secretariat PDF	This document references the decisions taken by A 30, MEPC 72, MSC 99 and FAL 42 relevant to the work of the Sub-Committee
AGENDA ITEM 3: Amendments to the IGF Code and development of guidelines for low-flashpoint fuels	
CCC 5/3 8 June 2018	This document contains the report of the Correspondence Group on Development of Technical Provisions for the Safety of Ships using Low-

Report of the Correspondence Group Submitted by Germany PDF	flashpoint Fuels
CCC 5/3/1 6 July 2018 **Comments on document CCC 5/3 relating to draft technical provisions for the safety of ships using methyl/ethyl alcohol as fuel** Submitted by Sweden PDF	This document provides comments on the report of the Correspondence Group on Development of Technical Provisions for the Safety of Ships using Low-flashpoint Fuels regarding the amendments to the draft technical provisions for the safety of ships using methyl/ethyl alcohol as fuel. The submission also highlights the need to finalize the draft technical provisions for methyl/ethyl alcohol.
CCC 5/3/2 3 July 2018 **Proposed amendments to the IGF Code** Submitted by IACS PDF	This document provides proposals for amendments to paragraph 6.7 and chapter 11 of Part A-1 of the IGF Code.
CCC 5/3/3 6 July 2018 **Proposed amendments to the IGF Code** Submitted by China PDF	This document proposes to add a new sub-paragraph to paragraph 15.4.1.3 of the IGF Code to introduce a closed liquid level gauge which penetrates the cargo tank and penetrates the liquefied gas fuel tank only from the top of the vapour space.
CCC 5/3/4 6 July 2018 **Safety recommendations for the application of fuel oil with a flashpoint of not less than 55°C on board** Submitted by China PDF	This document, based on the discussion on the application of fuel oil with a flashpoint below 60°C under the framework of the IGF Code, proposes risk control requirements for the application of fuel oil with a flashpoint of not less than 55°C.
CCC 5/3/5 12 July 2018	In light of the discussion at MSC 99 regarding document MSC 99/8/1 (Denmark), this document provides comments supporting draft amendments to the IGF

Comments on document MSC 99/8/1 Submitted by IACS PDF	Code, as agreed at CCC 4.
CCC 5/3/6 17 July 2018 **Comments on the report of the Correspondence Group** Submitted by Norway, IACS, IBIA and ITF PDF	This document provides comments on the report of the Correspondence Group on Development of Technical Provisions for the Safety of Ships using Low-flashpoint Fuels (CCC 5/3).
CCC 5/3/7 20 July 2018 **Comments on the report of the Correspondence Group** Submitted by CESA PDF	This document provides comments on the report of the Correspondence Group on Development of Technical Provisions for the Safety of Ships using Low-flashpoint Fuels with regard to the draft technical provisions for the safety of ships using methyl/ethyl alcohol as fuel (CCC 5/3, annex 5). The document discusses four essential aspects that require urgent consideration in order to finalize the draft guidelines regarding the safety of ships using methyl/ethyl alcohol as fuel at this session. Clear definitions, efficient placement of fuel tanks, practical entrance to tanks and cofferdams and adequate location of venting outlets are crucial items for the safe and cost-effective implementation of alcohol-based propulsion systems on different ship types.
CCC 5/INF.9 11 June 2018 **Study on methanol vapour toxicity** Submitted by France PDF	This document presents a study on methanol vapour toxicity
CCC 5/INF.26 6 July 2018	This document provides the result of a comparative analysis between the IGC Code and the IGF Code, with a view to

Regulatory gaps between LNG Carriers and LNG fueled ships Submitted by the Republic of Korea PDF	facilitating general understanding of the similarities and inconsistencies between them.
CCC 5/INF.27 6 July 2018 **Study on safety of the LPG fueled vessel** Submitted by the Republic of Korea PDF	This document provides information on the result of a research project regarding LPG fueled vessels.
AGENDA ITEM 4: Suitability of high manganese austenitic steel for cryogenic service and development of any necessary amendments to the IGC Code and IGF Code	
CCC 5/4 8 June 2018 **Report of the Correspondence Group** Submitted by Norway PDF	This document provides the report of the Correspondence Group on Suitability of High Manganese Austenitic Steel for Cryogenic Service
CCC 5/4/1 18 July 2018 **Comments on the report of the Correspondence Group on Suitability of High Manganese Austenitic Steel for Cryogenic Service** Submitted by Japan PDF	This document provides comments on the report of the Correspondence Group on Suitability of High Manganese Austenitic Steel for Cryogenic Service (CCC 5/4).
CCC 5/INF.7 4 July 2018 **Technical documentation referred in the report of the Correspondence Group** Submitted by Norway PDF	This document provides the cross reference document and technical documentation referred to in paragraphs 17.1 and 17.2 of document CCC 5/4 (Norway).
CCC 5/INF.8 8 June 2018	This document provides updated technical information on high manganese austenitic steel for cryogenic service in relation to the discussion of the

Updated technical information for High Manganese Austenitic Steel for Cryogenic Service Submitted by the Republic of Korea PDF	Correspondence Group on Suitability of High Manganese Austenitic Steel for Cryogenic Service
CCC 5/INF.11 6 July 2018 **Collation of comments received during the work of the Correspondence Group** Submitted by Norway PDF	This document provides a collation of comments received during the work of the Correspondence Group on Suitability of High Manganese Austenitic Steel for Cryogenic Service, re-established at the CCC 4 under agenda item 4.
AGENDA ITEM 5: Amendments to the IMSBC Code and supplements	
CCC 5/5 17 May 2018 **AMENDMENTS TO THE IMSBC CODE AND SUPPLEMENTS** Report of the twenty-ninth session of the Editorial and Technical Group (Part 1) Note by the Secretariat PDF	This document contains the first part of the report of the Editorial and Technical Group at its twenty-ninth session, i.e. the main body of the report, and annexes 1 and 3 to the report
CCC 5/5/Add.1 18 May 2018 **AMENDMENTS TO THE IMSBC CODE AND SUPPLEMENTS** Report of the twenty-ninth session of the Editorial and Technical Group (Part 2) Note by the Secretariat PDF	This document contains the second part of the report of the Editorial and Technical Group at its twenty-ninth session, i.e. annex 2 to the report
CCC 5/5/1 13 June 2018 **Proposed editorial modifications to the draft consolidated version of the IMSBC Code and draft amendment 05-19** Submitted by Finland PDF	This document proposes some minor editorial modifications to the draft consolidated version of the IMSBC Code and draft amendment 05-19
CCC 5/5/2 8 June 2018	To facilitate the identification of solid bulk cargoes in the different language versions of the IMSBC Code, Germany

Introduction of a substance identification number (ID or SBC Number) Submitted by Germany PDF	proposes the introduction of an identification number (ID Number) for the solid bulk cargoes listed in the individual schedules. Germany proposes the designation of "SBC No."
CCC 5/5/3 8 June 2018 **Questioning the classification of dangerous goods in solid form in bulk as class 9** Submitted by Germany PDF	This document questions the classification of solid bulk cargoes as class 9 and proposes a solution and consequential amendments to IMO instruments
CCC 5/5/4 28 June 2018 **Proposed new individual schedule for Reaction Mass of Calcium Fluoride and Calcium Sulphate and Calcium Carbonate** Submitted by Italy PDF	This document contains a proposal for a new individual schedule for Reaction Mass of Calcium Fluoride and Calcium Sulphate and Calcium Carbonate, for inclusion in the IMSBC Code
CCC 5/5/5 8 June 2018 **Proposed new individual schedule for Flue Dust, containing lead and zinc [UN 3077]** Submitted by Norway PDF	This document contains a proposal for a new individual schedule for Flue Dust, containing lead and zinc [UN 3077], for inclusion in the IMSBC Code
CCC 5/5/6 8 June 2018 **Proposed new individual schedule for Copper and Lead, containing matte [UN 3077]** Submitted by Norway PDF	This document contains a proposal for a new individual schedule for Copper and Lead, containing matte [UN 3077], for inclusion in the IMSBC Code
CCC 5/5/7 19 June 2018 **Proposed new individual schedule for Flue Dust, Zinc Refining**	This document provides a proposal to include a new individual schedule for Flue Dust, Zinc Refining in the IMSBC Code

Submitted by Italy PDF	
CCC 5/5/8 2 July 2018 **Electrical equipment requirements for ammonium nitrate and related fertilizers** Submitted by IACS PDF	This document seeks clarification on the electrical equipment requirements for ammonium nitrate and related fertilizers
CCC 5/5/9 20 June 2018 **Assessment of hazards of AMMONIUM NITRATE BASED FERTILIZER (non-hazardous)** Submitted by Canada, Germany and INTERCARGO PDF	This document proposes to divide the existing individual schedule for AMMONIUM NITRATE BASED FERTILIZER (non-hazardous) into two schedules, i.e. for Group B and Group C; further explores the possibility of elaborating a new testing procedure to assess the hazard of self-sustained decomposition in materials that are currently covered by the individual schedule for AMMONIUM NITRATE BASED FERTILIZER (non-hazardous); and advances the discussion on reclassification of the cargo to material hazardous only in bulk - other hazards (MHB OH), Group B
CCC 5/5/10 5 July 2018 **Issues to be considered in relation to the amendment to the definition of "Group A" cargoes** Submitted by Japan PDF	This document points out some issues to be considered in relation to the amendment to the definition of "Group A"
CCC 5/5/11 5 July 2018 **Proposal for amendment to section 9 and paragraph 9.2.3.7.3 of the IMSBC Code** Submitted by Australia, Brazil, Canada, the United States, NACE International and IIMA	This document summarizes the key findings of the research programme referred to in document E&T 25/INF.3 (IIMA) and proposes amendments to paragraph 9.2.3.7.3 of the IMSBC Code.

PDF	
CCC 5/5/12 6 July 2018 **Guidance on the proposed refined MHB (CR) test protocol for assessing the corrosivity of solid bulk cargoes under the IMSBC Code** Submitted by Australia, Brazil, Canada, the United States, NACE International and IIMA PDF	This document outlines the guidance to laboratories regarding the refined MHB (CR) test, proposed by the Global Industry Alliance in accordance with the changes to paragraph 9.2.3.7.3 of the Code, as proposed in document CCC 5/5/11.
CCC 5/5/13 6 July 2018 **Proposal to amend the definition of "Group A" in section 1.7 of the IMSBC Code - Definitions** Submitted by Australia PDF	This document proposes an amended definition of "Group A" in section 1.7 of the IMSBC Code to include phenomena other than "liquefaction"
CCC 5/5/14 6 July 2018 **Self-heating test for coal and information regarding the Australian Industry Self-Heating Research Project** Submitted by Australia PDF	This document provides a summary of the ongoing coal self-heating research project being undertaken in Australia and proposes a path to discuss how best to implement the outcomes and recommendations of the final report.
CCC 5/5/15 6 July 2018 **Proposal concerning a new individual schedule for AMMONIUM NITRATE BASED FERTILIZERS MHB (OH) and the classification of a category of AMMONIUM NITRATE BASED FERTILIZERS (non-hazardous) as MHB (OH)** Submitted by CEFIC PDF	This document offers a way forward to deal with the current discussion on AMMONIUM NITRATE BASED FERTILIZERS (non-hazardous) in the IMSBC Code; and develops further one of the options considered at E&T 29.
CCC 5/5/16 6 July 2018 **Proposed new individual schedule for Iron Silicate Granulated** Submitted by Germany	This document proposes a new individual schedule for incorporation into the IMSBC Code for the transport of Iron Silicate Granulated.

PDF	
CCC 5/5/17 6 July 2018 **Clarification of angle of repose and synonyms of Brucite** Submitted by China PDF	This document clarifies the issues on the angle of repose and synonyms of Brucite, and provides a proposal to include a new individual schedule for Brucite in the IMSBC Code.
CCC 5/5/18 6 July 2018 **Proposed new individual schedule for Chlorite** Submitted by China PDF	This document provides a proposal to include a new individual schedule for Chlorite in the IMSBC Code.
CCC 5/5/19 6 July 2018 **Transport of AMMONIUM NITRATE BASED FERTILIZER (non-hazardous) Summary of the MV Cheshire accident investigation recommendations** Submitted by the United Kingdom PDF	This document presents the recommendations, including those in relation to the transport of AMMONIUM NITRATE BASED FERTILIZER (non-hazardous) arising from the investigation of the MV Cheshire casualty.
CCC 5/5/20 6 July 2018 **Proposal for the reproduction of the revised MARPOL Annex V in the IMSBC Code and the update of its related references** Submitted by Turkey PDF	This document proposes the reproduction of the relevant parts of the revised MARPOL Annex V in relation to HME substances in the IMSBC Code and the update of its related references.
CCC 5/5/21 6 July 2018 **Proposed new individual schedule for Crushed Shell** Submitted by Turkey PDF	This document contains a proposal for a new individual schedule for Crushed Shell to be included in the IMSBC Code.
CCC 5/5/22 16 July 2018	This document comments on document CCC 5/5/15 (CEFIC) and provides information on the justification on the classification

Comments on document CCC 5/5/15 Submitted by the Netherlands PDF	of AMMONIUM NITRATE BASED FERTILIZERS (non-hazardous), in order to support discussions on the development of two separate schedules for AMMONIUM NITRATE BASED FERTILIZERS (MHB (OH)) and AMMONIUM NITRATE BASED FERTILIZERS (non-hazardous) in the IMSBC Code.
CCC 5/5/23 20 July 2018 **Comments on the report of E&T 29 with regard to the draft ToR for development of the model course for the IMSBC Code** Submitted by China PDF	This document provides comments on the report of E&T 29 with regard to the draft Terms of Reference (ToR) for the development of the model course for the IMSBC Code, including a proposed time frame
CCC 5/INF.3 8 June 2018 **Classification of fishmeal** Submitted by Germany PDF	This document provides additional information on the classification of fishmeal
CCC 5/INF.5 8 June 2018 **Supporting documentation for the proposed new individual schedule for Flue Dust, containing lead and zinc [UN 3077]** Submitted by Norway PDF	This document contains supporting documentation for the proposed new individual schedule for Flue Dust, containing lead and zinc [UN 3077] as proposed in CCC 5/5/5
CCC 5/INF.6 8 June 2018 **Supporting documentation for the proposed new individual schedule for Copper and Lead, containing matte [UN 3077]** Submitted by Norway PDF	This document contains supporting documentation for the proposed new individual schedule for Copper and Lead, containing matte [UN 3077] as proposed in document CCC 5/5/6
CCC 5/INF.12 14 June 2018	This document contains information regarding the consideration of the safe handling of solid bulk cargoes, in particular regarding specific

Safe handling of solid bulk cargoes Submitted by IBTA PDF	hazard identification, risk assessment and control procedures. This document also takes into account the relevant recommendations in the Revised recommendations for entering enclosed spaces aboard ships (resolution A.1050(27)) and Recommendations on the safe use of pesticides in ships applicable to the fumigation of cargo holds (MSC.1/Circ.1264). Interested Member States and international organizations are welcome to contact IBTA, with a view to taking further action aimed at reducing the continuing loss of life and serious accidents involving solid bulk cargoes, particularly Group B cargoes, in the IMSBC Code.
CCC 5/INF.13 25 June 2018 **Supporting documentation for new individual schedule for Flue Dust, Zinc Refining, including IMO Solid Bulk Cargo Information Reporting Questionnaire** Submitted by Italy PDF	This document provides the IMO Solid Bulk Cargo Information Reporting Questionnaire, MSDS, TML/FMP Data Report and MARPOL Annex V Classification to support a new entry proposal for Flue Dust, Zinc Refining, Group A and B in the IMSBC Code
CCC 5/INF.14 25 June 2018 **Supporting documentation for new individual schedule for Flue Dust, Zinc Refining** Submitted by Italy PDF	This document provides the Chemical Safety Report to support the proposed new individual schedule for Flue Dust, Zinc Refining
CCC 5/INF.15 28 June 2018 **Supporting documentation for the proposed new individual schedule for Reaction Mass of Calcium Fluoride and Calcium Sulphate and Calcium Carbonate** Submitted by Italy PDF	This document contains supporting documentation for the proposed new individual schedule for Reaction Mass of Calcium Fluoride and Calcium Sulphate and Calcium Carbonate
CCC 5/INF.17	This document provides

5 July 2018 **Assessment of hazards of AMMONIUM NITRATE BASED FERTILIZER (non-hazardous)** Submitted by Canada, Germany and INTERCARGO PDF	additional information on hazards of AMMONIUM NITRATE BASED FERTILIZER (non-hazardous) published in the research by the Centre for Fire Safety Engineering of the University of Edinburgh, in support of document CCC 5/5/9
CCC 5/INF.18 5 July 2018 **Report of the Global Industry Alliance on Corrosivity of Solid Bulk Cargoes** Submitted by Australia, Brazil, Canada, the United States, NACE International and IIMA PDF	This document introduces the Global Industry Alliance report entitled "Corrosivity of Solid Bulk Cargoes"
CCC 5/INF.19 5 July 2018 **Peer review report on the Global Industry Alliance report on Corrosivity of Solid Bulk Cargoes** Submitted by Australia, Brazil, Canada, the United States, NACE International and IIMA PDF	This document introduces the peer review report on the Global Industry Alliance report entitled "Corrosivity of Solid Bulk Cargoes".
CCC 5/INF.20 6 July 2018 **The Australian Industry's Self-Heating Research Project Preliminary Report** Submitted by Australia PDF	This document provides the preliminary research report from the Australian Coal Industry's Research Program (ACARP).
CCC 5/INF.21 6 July 2018 **Proposal concerning a new individual schedule for AMMONIUM NITRATE BASED FERTILIZERS MHB (OH) and the classification of a category of AMMONIUM NITRATE BASED FERTILIZERS (non-hazardous) as MHB (OH)** Submitted by CEFIC PDF	This document provides supporting information for document CCC 5/5/15 regarding AMMONIUM NITRATE BASED FERTILIZERS (non-hazardous) in the IMSBC Code
CCC 5/INF.22 6 July 2018	This document contains supporting documentation for the proposed new individual schedule for Iron Silicate

Proposed new individual schedule for Iron Silicate Granulated Submitted by Germany PDF	Granulated.
CCC 5/INF.23 6 July 2018 **Information to support the clarification of angle of repose and synonyms of Brucite** Submitted by China PDF	This document provides the cargo information to support the clarification of angle of repose and synonyms of Brucite, as well as the proposed new individual schedule for Brucite
CCC 5/INF.24 6 July 2018 **Information to support the proposed new individual schedule for Chlorite** Submitted by China PDF	This document provides the cargo information to support the proposed new individual schedule for Chlorite.
CCC 5/INF.25 6 July 2018 **Information to support the proposed new individual schedule for Crushed Shell** Submitted by Turkey PDF	This document contains the supporting information for the proposed new individual schedule for Crushed Shell to be included in the IMSBC Code.
AGENDA ITEM 6: Amendments to the IMDG Code and supplements	
CCC 5/6 26 February 2018 **Report of the twenty-eighth session of the Editorial and Technical Group** Note by the Secretariat PDF	This document contains the discussions and decisions taken by E&T 28 in the context of amendments to the International Maritime Dangerous Goods (IMDG) Code
CCC 5/6/1 22 March 2018 **Application of special provision 76** Submitted by Germany PDF	This document proposes that Special Provision (SP) 76 should no longer apply to some entries, as individual specifications by competent authorities are not necessary. Consequently, for other entries, SP 76 should be

	replaced by a transport ban.
CCC 5/6/2 11 April 2018 **Properties and observations in the Dangerous Goods List (chapter 3.2) for UN 2754** Submitted by Germany PDF	This document proposes a correction to the description in column (17) "Properties and observations" of the Dangerous Goods List (chapter 3.2) for UN 2754 N-ETHYLTOLUIDINES as these substances do not have flammable properties within the meaning of the IMDG Code
CCC 5/6/3 13 July 2018 **Segregation of ammonium nitrate and chlorates/perchlorates** Submitted by Germany PDF	This documents proposes that the same segregation level, namely "separated from", should always apply to the segregation of ammonium nitrate and chlorates/perchlorates
CCC 5/6/4 14 June 2018 **Draft amendments to paragraph 5.4.3.1 of the IMDG Code and draft modifications to the dangerous goods manifest** Submitted by France PDF	This document proposes draft amendments to paragraph 5.4.3.1 of the IMDG Code and draft modifications to the dangerous goods manifest
CCC 5/6/5 28 June 2018 **Draft amendments to sections 4.1.1, 4.1.2, and 4.2.4 of the IMDG Code** Submitted by France PDF	This document proposes draft amendments to sections 4.1.1, 4.1.2, and 4.2.4 of the IMDG Code
CCC 5/6/6 15 June 2018 **Draft amendments to paragraph 5.4.3.2.1 of the IMDG Code** Submitted by France PDF	This document proposes draft amendments to paragraph 5.4.3.2.1 of the IMDG Code

CCC 5/6/7 25 June 2018 **Clarification of the information supplementing to the proper shipping name in the dangerous goods transport information** Submitted by IPPIC PDF	This document proposes clarification on the requirement for the supplementary information on the flashpoint of dangerous goods which is required in the dangerous goods description on the transport document
CCC 5/6/8 6 July 2018 **Medical First Aid Guide (MFAG)** Submitted by Germany PDF	Referring to document CCC 4/12 (Secretariat) this document provides a new proposal on the use of paracetamol and previous draft amendments concerning the medication advice under table 19, the use of furosemide and the text of appendix 2 to the MFAG.
CCC 5/6/9 6 July 2018 **Approval and use of fibre reinforced plastic tanks** Submitted by Germany PDF	This document highlights the need for the provisions of the IMDG Code to be applied substantially in the same way. The approval of fibre reinforced plastic (FRP) tanks as IMO type 4 is considered inadmissible in accordance with the current provisions. The work of the UN Sub-Committee of Experts on the Transport of Dangerous Goods (UNSCETDG) on the development of requirements for FRP tanks should be supported in order to achieve, as soon as possible, appropriate provisions for the multimodal approval of such tanks.
CCC 5/6/10 6 July 2018 **Safe transport of polymerizing substances** Submitted by ICS PDF	The shipping industry has identified inconsistencies in the supply chain of polymerizing substances and regulatory disparity in the IMDG Code, which may cause safety risks for crew and vessels at sea. This document proposes amendments to the IMDG Code to help ensure and enhance appropriate risk mitigation in the sea transport of polymerizing substances.
CCC 5/6/11 6 July 2018	This document presents information on the practical application of the provisions of section 7.9.2 of the IMDG Code

Practical application of section 7.9.2 of the IMDG Code Submitted by the Russian Federation PDF	in terms of the recognition of certificates and other relevant documents for the packaging of dangerous goods, as well as a proposal to amend the Code with recommendatory provisions for use as a reference.
CCC 5/6/12 6 July 2018 **Amendment to special provision 951** Submitted by the Republic of Korea PDF	This document proposes to delete special provision (SP) 951 which is assigned to UN 1402 CALCIUM CARBIDE in the Dangerous Goods List in chapter 3.2, and to delete SP 951 in chapter 3.3.
CCC 5/6/13 6 July 2018 **Amendment to special provision 76** Submitted by the Republic of Korea PDF	This document supports document CCC 5/6/1 (Germany) and provides some proposals regarding SP 76 (the prohibition of transport), as well as additional information and comments on the issue.
CCC 5/6/14 6 July 2018 **Clarification of the limited quantity provisions for UN 3065 ALCOHOLIC BEVERAGES** Submitted by the Republic of Korea PDF	This document contains a proposal to clarify limited quantity provisions of the entry for UN 3065 ALCOHOLIC BEVERAGES, more than 24% but not more than 70% alcohol by volume.
AGENDA ITEM 7: Amendments to the CSS Code with regard to weather-dependent lashing	
CCC 5/7 8 June 2018 **Amendments to annex 13 to the CSS Code** Submitted by Germany PDF	This document considers the reduction of acceleration values under weather-dependent conditions and the applicability of annex 13 to cargo on ro-ro ships, and provides information on possible further amendments to annex 13, which could improve its application to cargoes with extraordinary characteristics
CCC 5/7/1 14 June 2018 **Proposed amendments to the CSS Code, annex 13, chapter 7, concerning**	This document proposes amendments to chapter 7 of annex 13 to the Code of Safe Practice for Cargo Stowage and Securing, 2011 edition (CSS Code). The aim of the proposal

weather-dependent lashing Submitted by Sweden PDF	is to harmonize the legal framework on weather-dependent lashing (WDL) with other IMO instruments and to enhance maritime safety by implementing recommendations based on the Lashing@Sea project and taking into account the result of the research project, WDL in practice, presented in document CCC 5/INF.10.
CCC 5/INF.4 8 June 2018 **Further amendments to annex 13 to the CSS Code** Submitted by Germany PDF	This document provides detailed information on possible further amendments to annex 13, in addition to the amendments concerning weather-dependent lashing. The proposed amendments in this document could improve the application of annex 13 to cargoes with extraordinary characteristics.
CCC 5/INF.10 14 June 2018 **Supplement to document CCC 5/7/1, proposing amendments to the CSS Code, annex 13, chapter 7, concerning weather-dependent lashing** Submitted by Sweden PDF	This document provides information on the results from the research report of 26 April 2018 concerning weather-dependant lashing in practice, conducted by MariTerm AB and supported by the Swedish Transport Agency
AGENDA ITEM 8: Unified interpretation of provisions of IMO safety, security and environment-related conventions	
CCC 5/8 3 May 2018 **Unified interpretation on ship steel protection against liquefied gas fuel (IACS UI GF2)** Submitted by IACS PDF	The annex to this document provides a copy of a Unified Interpretation on ship steel protection against liquefied gas fuel (IACS UI GF2) which has been developed with a view to facilitate the consistent and global implementation of paragraph 6.3.10 (Part A-1) of the International Code of Safety for Ships using Gases or other Low-flashpoint Fuels (IGF Code)
CCC 5/8/1 8 June 2018	This document discusses the need to clarify the terms "life-saving appliances" and "areas with public access", as used in

Clarification of paragraph 7.1.4.4.2 of the International Maritime Dangerous Goods (IMDG) Code Submitted by IACS PDF	paragraph 7.1.4.4.2 of the IMDG Code
CCC 5/8/2 28 June 2018 **Capacity of the emergency fire pump (paragraph 11.3.4 of the IGC Code)** Submitted by IACS PDF	This document seeks clarification on the implementation of paragraph 11.3.4 of the IGC Code, as amended by resolution MSC.370(93), with regards to the capacity of the emergency fire pump
CCC 5/8/3 3 July 2018 **Draft unified interpretation of paragraph 9.4.4 of the IGC Code** Submitted by IACS PDF	This document provides a draft unified interpretation that has been developed with a view to facilitating the global and consistent implementation of paragraph 9.4.4 of the IGC Code
CCC 5/8/4 6 July 2018 **Unified interpretation of paragraph 6.3.7 of Part A-1 of the IGF Code** Submitted by Norway PDF	This document contains a proposal for a unified interpretation of paragraph 6.3.7 of Part A-1 of the IGF Code. The interpretation will also be valid for Part A-1, paragraph 5.8 when the fuel preparation room is located in an enclosed space
CCC 5/8/5 3 July 2018 **Unified interpretation to the IGF Code related to functional requirements applied to gas admission valves at dual fuel engines and gas engines** Submitted by CESA and EUROMOT PDF	This document proposes a draft unified interpretation of the IGF Code related to functional requirements applied to gas admission valves at dual fuel engines and gas engines with the goal of explosion prevention.
CCC 5/8/6 5 July 2018 **Deck water spray systems (paragraphs 11.3.1, 11.3.3 and 11.3.4 of the IGC Code) (IACS UI GC22)** Submitted by IACS	The annex to this document provides a copy of IACS Unified Interpretation (UI) GC22 on deck water spray systems, which has been developed to facilitate the global and consistent implementation of the requirements in paragraphs

PDF	11.3.1, 11.3.3 and 11.3.4 of the IGC Code (resolution MSC.370(93))
CCC 5/8/7 5 July 2018 **Unified interpretation of paragraph 5.12.3.1 of the IGC Code** Submitted by IACS PDF	This document provides a copy of IACS UI GC25 on paragraph 5.12.3.1 of the IGC Code to facilitate the consistent and global implementation of this regulation
CCC 5/8/8 2 July 2018 **Unified interpretation of paragraph 4.19.1.6 of the IGC Code** Submitted by IACS PDF	The annex to this document provides a copy of IACS UI GC23 on paragraph 4.19.1.6 of the IGC Code to facilitate the consistent and global implementation of this regulation
CCC 5/8/9 5 July 2018 **Unified interpretation of paragraph 5.13.1.1.4 of the IGC Code** Submitted by IACS PDF	This document provides a copy of IACS UI GC24 on paragraph 5.13.1.1.4 of the IGC Code to facilitate the consistent and global implementation of this mandatory provision
CCC 5/8/10 6 July 2018 **Unified interpretations of paragraphs 11.3.1, 12.5.2.1 and 15.10.1 of the IGF Code** Submitted by IACS PDF	Unified interpretations of paragraphs 11.3.1, 12.5.2.1 and 15.10.1 of the IGF Code Submitted by IACS.
AGENDA ITEM 9: Consideration of reports of incidents involving dangerous goods or marine pollutants in packaged form on board ships or in port areas	
CCC 5/9 18 June 2018 **Results of inspections on packaged dangerous goods** Submitted by Canada PDF	This document reports on the results of inspections of Cargo Transport Units (CTUs) carried out by Canada in 2017

CCC 5/9/1 6 July 2018 **Results of inspections on packaged dangerous goods** Submitted by China PDF	This document contains the results of inspections of cargo transport units (CTUs) with packaged dangerous goods carried out by China in 2017.
CCC 5/9/2 6 July 2018 **Results of inspections on packaged dangerous goods** Submitted by the Republic of Korea PDF	Results of inspections on packaged dangerous goods Submitted by the Republic of Korea.
CCC 5/9/3 20 July 2018 Comments on documents regarding reports of incidents Submitted by ICHCA International Ltd. PDF	In light of the ongoing background of reports from MSC.1/Circ. 1442, as amended by MSC.1/Circ.1521, published findings by Cargo Incident Notifications System (CINS) and high profile containership incidents, this document considers taking a holistic approach to improving vigilance/visibility of containerized cargoes in the maritime supply chain
CCC 5/9/4 20 July 2018 **Comments on document CCC 5/INF.16 regarding the spontaneous ignition of charcoal giving rise to fires in containers being carried on containerships** Submitted by ICHCA PDF	This document provides comments on document CCC 5/INF.16 (Germany) regarding to the spontaneous ignition of charcoal and highlights some of the issues that may need to be considered with regard to the transport of charcoal in containers
CCC 5/INF.2 20 July 2018 **Consolidated results of container inspection programmes** Note by the Secretariat PDF	This document provides a consolidated report on the results of container inspection programmes carried out in 2017
CCC 5/INF.16	This document provides information on two incidents

3 July 2018 **Spontaneous ignition of charcoal** Submitted by Germany PDF	where charcoal ignited spontaneously, although the consignments passed the UN N.4 test successfully
AGENDA ITEM 10: Biennial status report and provisional agenda for CCC 6	
AGENDA ITEM 11: Election of Chair and Vice-Chair for 2019	
AGENDA ITEM 12: Any other business	
CCC 5/12 28 June 2018 **Update on the deployment of the BoxTech Global Container Database** Submitted by BIC PDF	This document informs the Sub-Committee of the International Bureau of Containers' (BIC) progress in deploying the BoxTech Global Container Database. BoxTech was launched by BIC to provide a single industry platform for container technical information, including container tare weights needed for method 2 declarations of verified gross mass (VGM), required under SOLAS since 1 July 2016.
CCC 5/12/1 28 June 2018 **Report on activities related to the Global ACEP Database** Submitted by BIC PDF	This document contains an updated report on the activity of the Global ACEP Database since CCC 4
CCC 5/12/2 6 July 2018 **Consequential amendments to the IGC Code (MSC.370 (93))** Submitted by United Kingdom PDF	This document proposes consequential amendments to the amended IGC Code (resolution MSC.370(93)) to bring chapter 19 of the IGC Code (resolution MSC.5(48)) in line with the amended IGC Code, as detailed in resolution MSC.370(93)) chapter 19.
CCC 5/12/3 6 July 2018 **Training materials for the safe and efficient transport of IMDG Code Class 7 radioactive materials by sea**	This document proposes to consider the development of training materials for the safe and efficient transport of IMDG Code class 7 radioactive materials by sea, e.g. a model course.

Submitted by WNTI PDF	
CCC 5/INF.28 6 July 2018 **A study on the competitiveness analysis of LPG fuel use in the shipping industry of the Republic of Korea** Submitted by the Republic of Korea PDF	This document contains a feasibility study on LPG fuel in the case of the coastal line of the Republic of Korea, in reference to the maritime industry's consideration of alternative fuels that might be used to meet environmental standards. Causality between the price for LPG, LNG, MGO, HFO and international crude oil was analysed. Accordingly, it was considered that a certain efficiency and competitiveness for LPG be applied to the country's coastal ships.
AGENDA ITEM 13: Report to the Committees	