

MARITIME SAFETY COMMITTEE  
92nd session  
Agenda item 22

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**REVIEW AND REFORM OF THE ORGANIZATION,  
INCLUDING APPLICATION OF THE COMMITTEE'S GUIDELINES**

**Restructuring of the Sub-Committees**

**Note by the Secretary-General**

**SUMMARY**

<i>Executive summary:</i>	This document contains a detailed proposal on the proposed sub-committee restructuring, including draft terms of reference of each sub-committee, biennial and provisional agendas for each body and a provisional meeting programme for 2014
<i>Strategic direction:</i>	4
<i>High-level action:</i>	4.0.1, 4.0.2, 4.0.3, 4.0.5
<i>Planned output:</i>	4.0.1.2, 4.0.1.4, 4.0.1.5, 4.0.2.1, 4.0.2.4, 4.0.2.8
<i>Action to be taken:</i>	Paragraph 19
<i>Related documents:</i>	MSC 80/20; MEPC 53/24/Add.2; C 109/3/1, C 109/D; MSC 91/19/9, MSC 91/22; MSC 92/INF.2; MEPC 65/12/3 and MEPC 65/22

**BACKGROUND**

1 The Committee will recall that the Council, at its 109th session, considered my proposals on the review and reform of the Organization (C 109/D, section 3) and, in regard to matters relating to the proposed Sub-Committee restructuring (MSC 91/19/9), invited the MSC and MEPC to give consideration to the implications and practicability of the relevant proposals under their purview, including appropriate new names for the sub-committees in question; and to report to C 110 accordingly.

2 At MSC 91, the Committee, following an extensive debate on the matter (MSC 91/22, paragraphs 19.38 to 19.51), requested the Secretariat to prepare a detailed proposal containing proposed names, terms of reference, provisional agendas and biennial agendas, a cost-benefit analysis and meeting dates for each body, for consideration at MEPC 65 and MSC 92.

## RESTRUCTURING OF SUBSIDIARY BODIES REPORTING TO THE MSC AND THE MEPC

3 Taking into account the comments expressed at MSC 91 and having consulted with the MSC and MEPC Chairmen, the Chairmen of the subsidiary bodies and specialist groups established by them, and having sought the views of the expert bodies themselves and the Secretariat, I have prepared the detailed proposal requested in paragraph 2 above, which is set out in the attached annexes for consideration. The related cost-benefit analysis is contained in document MSC 92/INF.2 (Secretary-General).

4 A synopsis of the implications and practicability of the various proposals is provided in paragraphs 5 to 17 below. In this regard, it should be noted that the proposed names of the new Sub-Committees reflect the draft terms of reference for each body as set out in this document and, as such, they may need to be changed based on the final terms of reference and the preferences of the Committees.

### RESTRUCTURING OF THE DE, FP AND SLF SUB-COMMITTEES

#### Purpose

5 The Secretary-General proposed (C 109/3/1) the reallocation of the work of the DE, FP and SLF Sub-Committees into two new sub-committees to provide for a more even distribution of workload and an opportunity to make budgetary savings through a reduction in the total number of meeting weeks. Based on the comments received, it is proposed that the two new subsidiary bodies be named the **Sub-Committee on Ship Systems and Equipment (SSE)** and the **Sub-Committee on Ship Design and Construction (SDC)**. The amalgamation of the existing technical bodies is proposed to maximize the efficiency of the technical work undertaken by the Maritime Safety Committee. The proposed terms of reference, provisional agendas for 2014, working arrangements for the sessions and the biennial agendas for 2014-2015 for each body are set out in annexes 1 and 2, respectively.

#### Implications and practicability

6 Since the two new bodies must absorb the work of three bodies, their respective provisional agendas are enlarged but still manageable provided that no additional outputs are added to their provisional agendas for 2014. In this regard, it is recommended that the SDC Sub-Committee be permitted, in 2014 only, to have five full days of interpretation to facilitate the transition, taking into account the number of items on its provisional agenda for 2014. In the event that the Committee does seek to add outputs to the existing provisional agenda(s) in 2014, this should only be done on the basis of one output on, one off. Nonetheless, the outputs on the Maritime Safety Committee's post-biennial agenda relating to ship design and construction will have to be prioritized with most remaining in abeyance for the 2014-2015 biennium.

7 In regard to the number of working groups, the combined work of the three Sub-Committees is such that, with sufficient flexibility and allocation of time and resources, the current requirements in the Committees' Guidelines on the establishment of the working groups during the session will not be compromised. However, as the SDC Sub-Committee may have to address the work on-going on intact stability (IS), and subdivision and damage stability (SDS), with a view to increasing efficiency, it is proposed to combine the IS and SDS Working Groups into one working group on stability and, in this regard, it is further proposed, for 2014, that an intersessional meeting be approved for the new Stability Working Group, to be held back-to-back with the next session of the SDC Sub-Committee, for three days, to progress the work on intact stability.

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## RESTRUCTURING OF THE COMSAR AND NAV SUB-COMMITTEES

### Purpose

8 With the advent of multi-functional navigation and communications equipment, which is virtually all computer software based, the proposed amalgamation of the work of the COMSAR and NAV Sub-Committees mirrors current developments and, in the light of future budgetary constraints, and the views expressed regarding the Sub-Committee restructuring (see paragraph 2 above), it is proposed to restructure the above Sub-Committees into one new subsidiary body called the **Sub-Committee on Navigation, Communications, Search and Rescue (NCSR)**. Again, the proposed amalgamation of the existing operational bodies will maximize the efficiency of the operational work undertaken by the Maritime Safety Committee, taking into account that communication-related matters are essential for both navigation and SAR operations. The proposed terms of reference, provisional agenda for 2014, arrangements for the session and the biennial agenda for 2014-2015 are set out in annex 3.

### Implications and practicability

9 Since the new body must absorb the work of two bodies with relatively full agendas, the provisional agenda has been maximized, but is still manageable provided that no additional outputs are added to its provisional agenda for 2014. In this regard, it is recommended that the new Sub-Committee be permitted, in 2014 only, to have five full days of interpretation to facilitate the transition, taking into account the large number of items on its provisional agenda for 2014.

10 In regard to the formation of working groups, the NCSR Sub-Committee will potentially inherit the following working groups: Ships Routeing, two Technical Groups, E-Navigation, SAR and LRIT. To reduce the working group structure to three for the 2014 meeting, it is recommended that the two technical working groups be merged and that the E-navigation Working Group meet intersessionally. In addition, it is recommended that technical LRIT-related matters be dealt with in plenary or be assigned to the Technical Working Group, as and when appropriate.

11 Taking into account the comments made at MSC 91 and COMSAR 17, it is also proposed to initiate discussions with ICAO to review the membership of the ICAO/IMO Joint Working Group on SAR (JWG) with a view to ensure proper geographical representation. In this regard, it is expected that both the ICAO/IMO and ITU/IMO Working Groups will continue to meet intersessionally.

## RESTRUCTURING OF THE BLG AND DSC SUB-COMMITTEES

### Purpose

12 The BLG Sub-Committee was originally established to focus on the transport of bulk liquid and gas cargoes. However, over the years, its work programme has evolved to focus primarily on general environmental subjects not specifically associated with cargoes (e.g. ballast water, air pollution, etc.). Over the same period, matters related to the protection of the environment have grown in importance for society and the Organization. Today, only three outputs remain on the BLG Sub-Committee's agenda that are associated with cargoes, two of which will be completed by 2015. Therefore, with a view to ensuring that existing resources are logically allocated to meet the current and future needs of the Organization and that the name of IMO bodies properly reflect the work which they are undertaking, it is proposed to rename the existing BLG Sub-Committee as the **Sub-Committee on Pollution Prevention and Response (PPR)** in order for it to deal with environmental-related matters in addition to its traditional work on bulk liquid cargoes.

13 As a consequence of the changed nature of the work of the BLG Sub-Committee over time and the above proposal, it is further proposed to broaden the responsibilities of the DSC Sub-Committee, renamed as the **Sub-Committee on Transport of Cargoes (TOC)**, to concentrate on packaged dangerous goods, solid bulk cargoes, bulk gas cargoes and containers and report to the MSC and MEPC, as appropriate. The proposed terms of reference, provisional agendas for 2014, working arrangements for the sessions and the biennial agendas for 2014-2015 for each body are set out in annexes 4 and 5, respectively.

#### **Implications and practicalities**

14 There are no practical difficulties associated with the number of outputs assigned to each body since the above bodies are not being amalgamated. However, it is proposed that one output, namely 5.2.1.3 (Development of international code of safety for ships using gases or other low-flashpoint fuels), be addressed by the TOC Sub-Committee. In addition, while the work on the evaluation of hazards of liquid chemicals (ESPH) could also be allocated to the TOC Sub-Committee, this would overburden the new TOC Sub-Committee due to the workload associated with continuous revision of the IMDG and IMSBC Codes. Therefore, it is proposed that the PPR Sub-Committee continues to deal with safety and pollution hazards of liquid chemicals transported in bulk via the ESPH working group.

15 The above proposed reallocation of duties and the suggested remit of the new PPR Sub-Committee also presents an opportunity for incorporating the work being undertaken by the OPRC-HNS Technical Group, which is currently a standing working group meeting intersessionally during the week prior to MEPC meetings to address issues related to pollution preparedness and response to oil and hazardous and noxious substances, in the work of the PPR Sub-Committee.

### **RENAMING OF THE FSI AND STW SUB-COMMITTEES**

#### **Purpose**

16 As the FSI and STW Sub-Committees have been increasingly dealing with issues outside their original remits, it is proposed to take advantage of the restructuring opportunity to rename the above Sub-Committees to better reflect their existing work. Thus, it is proposed to rename the FSI Sub-Committee to the **Sub-Committee on Implementation of IMO Instruments (III)** and the STW Sub-Committee to the **Sub-Committee on Human Element, Training and Watchkeeping (HTW)**, taking into account the increased importance placed on matters relating to the role of the human element.

#### **Implications and practicalities**

17 Since the FSI and STW Sub-Committees are not being amalgamated, there are no practical difficulties associated with the number of outputs assigned, their terms of reference or their working group arrangements as they remain essentially the same. Nevertheless, with a view to efficiency, it is proposed that the FSI Working Group on Casualty Analysis and Statistics meet intersessionally to allow the III Sub-Committee to more effectively manage its workload in light of the number of continuous items on its agenda.

**PROPOSED MEETING PROGRAMME FOR 2014**

18 As requested, a proposed meeting programme, as set out in annex 8, has been prepared for illustrative purposes only to facilitate discussions.

**ACTIONS REQUESTED OF THE COMMITTEE**

19 The Committee is invited to consider the above proposals relating to the restructuring of the Sub-Committees and, in particular, to:

- .1 consider the proposed restructuring of the DE, FP and SLF Sub-Committees into two new technical bodies and, if agreed, decide on the proposed names, terms of reference, provisional agendas for 2014, working arrangements for 2014 and biennial agendas for 2014-2015 (paragraphs 5 to 7 and annexes 1 and 2);
- .2 consider the proposed restructuring of the COMSAR and NAV Sub-Committees into one new operational body and, if agreed, decide on the proposed name, terms of reference, provisional agenda for 2014, working arrangements for 2014 and biennial agenda for 2014-2015 (paragraphs 8 to 11 and annex 3);
- .3 consider the proposed restructuring of the BLG and DSC Sub-Committees and, if agreed, decide on the proposed names, terms of reference, provisional agendas for 2014, working arrangements for 2014 and biennial agendas for 2014-2015 (paragraphs 12 to 15 and annexes 4 and 5); and
- .4 consider the proposed renaming of the FSI and STW Sub-Committees and, if agreed, decide on the proposed names, terms of reference, provisional agendas for 2014, working arrangements for 2014 and biennial agendas for 2014-2015 (paragraphs 16 and 17 and annexes 6 and 7).

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## ANNEX 1

### SUB-COMMITTEE ON SHIP SYSTEMS AND EQUIPMENT (SSE)

#### PROPOSED TERMS OF REFERENCE

1 Under the direct instructions of the Maritime Safety Committee and as may be requested by the Marine Environment Protection Committee, the Sub-Committee on Ship Systems and Equipment (SSE) will consider matters related to the following subjects, including the development of any necessary amendments to relevant conventions and other mandatory and non-mandatory instruments, as well as the preparation of new mandatory and non-mandatory instruments, guidelines and recommendations, for consideration by the Committees, as appropriate:

- .1 systems and equipment, including machinery and electrical installations, of all types of ships, vessels, craft and mobile units covered by IMO instruments;
- .2 testing and approval of systems and equipment;
- .3 life-saving equipment, appliances and arrangements; and
- .4 analyses of casualty and incident records relating to ship systems and equipment.

2 The conventions and other mandatory instruments referred to above include, as a minimum:

- .1 1974 SOLAS Convention (chapters II-1, II-2, III and other relevant chapters, as appropriate) and the 1988 Protocol relating thereto, as appropriate;
- .2 International Code for Application of Fire Test Procedures (FTP Code), for testing related to systems and equipment;
- .3 International Code for Fire Safety Systems (FSS Code), and
- .4 International Life-Saving Appliance (LSA) Code.

3 The non-mandatory instruments, which the Sub-Committee may be called upon to review, include, as a minimum:

- .1 Code for the Construction and Equipment of Mobile Offshore Drilling Units (MODU Code), for systems and equipment issues;
- .2 Code of Safety for Diving Systems;
- .3 Code on Alerts and Indicators; and
- .4 any recommendations and guidelines relevant to systems and equipment.

4 Any other relevant issues referred to it by the Committees or other technical bodies of the Organization.

**PROPOSED PROVISIONAL AGENDA FOR 2014**

- Opening of the session and election of Chairman and Vice-Chairman for 2014
- 1 Adoption of the agenda
  - 2 Decisions of other IMO bodies
  - 3 Development of requirements for ships carrying hydrogen and compressed natural gas vehicles
  - 4 Development of a mandatory Code for ships operating in polar waters
  - 5 Smoke control and ventilation
  - 6 Development of amendments to SOLAS regulation II-2/20 and associated guidance on air quality management for ventilation of closed vehicle spaces, closed ro-ro and special category spaces
  - 7 Development of life safety performance criteria for alternative design and arrangements for fire safety (MSC/Circ.1002)
  - 8 Making the provisions of MSC.1/Circ.1206/Rev.1 mandatory
  - 9 Development of a new framework of requirements for safety objectives and functional requirements the approval of alternative design and arrangements for SOLAS chapters II-1 (parts C, D and E) and III
  - 10 Revision of testing requirements for lifejacket RTDs in resolution MSC.81(70)
  - 11 Development of amendments to the 2009 MODU Code concerning lifeboat drills
  - 12 Development of requirements for onboard lifting appliances and winches
  - 13 Considerations related to the double sheathed low-pressure fuel pipes for fuel injection systems in engines on crude oil tankers
  - 14 Development of amendments to the provisions of SOLAS chapter II-2 relating to secondary means of venting cargo tanks
  - 15 Development of amendments to the requirements for foam-type fire-extinguishers in SOLAS regulation II-2/10.5
  - 16 Consideration of IACS unified interpretations
  - 17 Biennial agenda and provisional agenda for SSE 2
  - 18 Election of Chairman and Vice-Chairman for 2015
  - 19 Any other business
  - 20 Report to the Maritime Safety Committee



**PROPOSED ARRANGEMENTS FOR WORKING AND DRAFTING GROUPS FOR SSE 1  
AND CORRESPONDENCE GROUPS ASSIGNED TO THE SSE SUB-COMMITTEE**

**PROPOSED WORKING GROUP ARRANGEMENTS**

**WG 1** – Fire Protection (FP) (agenda items 5 and 6)

**WG 2** – Life-saving Appliances (LSA) (agenda items 8, 9, 10 and 11)

**WG 3** – Pending the outcome of DE 57\*

**PROPOSED DRAFTING GROUP ARRANGEMENTS**

**DG 1** – Pending the outcome of DE 57\*

**DG 2** – Pending the outcome of DE 57\*

**CORRESPONDENCE GROUPS TO REPORT TO THE SSE SUB-COMMITTEE**

**CG 1** – Development of amendments to SOLAS regulation II-2/20 and associated guidance on air quality management for ventilation of closed vehicle spaces, closed ro-ro and special category spaces

**CG 2** – Development of a mandatory Code for ships operating in polar waters (fire safety matters)

**CG 3** – Pending the outcome of DE 57

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\* Taking into account the outcome of DE 57, the Chairmen of the DE and FP Sub-Committees, in consultation with the Secretariat, taking into account the submissions received on the respective subjects, would advise the Sub-Committee well in time before the session on the final selection of such groups.

PROPOSED BIENNIAL AGENDA FOR SHIP SYSTEMS AND EQUIPMENT (SSE)					
PLANNED OUTPUTS 2014-2015					
Number	Description	Parent organ(s)	Coordinating organ(s)	Associated organ(s)	Target completion year
1.1.2.2	Consideration of IACS unified interpretations	MSC / MEPC		III / NCSR / PPR / SDC / SSE / TOC	Continuous
5.1.1	Development of life safety performance criteria for alternative design and arrangements for fire safety (MSC/Circ.1002)	MSC	SSE		2015
5.1.2.1	Making the provisions of MSC.1/Circ.1206/Rev.1 mandatory	MSC	SSE		2014
5.1.2.3	Development of a new framework of requirements for life-saving appliances	MSC	SSE		2015
5.2.1.10	Development of requirements for ships carrying hydrogen and compressed natural gas vehicles	MSC	SSE		2014
5.2.1.11	Development of safety objectives and functional requirements of the Guidelines on alternative design and arrangements for SOLAS chapters II-1 and III	MSC	SSE		2015
5.2.1.17	Development of a mandatory Code of ships operating in polar waters	MSC / MEPC	SDC	III / NCSR / PPR / SDC / SSE / TOC	2014
5.2.1.24	Revision of testing requirements for lifejacket RTDs in resolution MSC.81(70)	MSC	SSE		2014
5.2.1.30	Development of amendments to the requirements for foam-type fire extinguishers in SOLAS regulation II 2/10.5	MSC	SSE		2014
5.2.1.31	Development of requirements for onboard lifting appliances and winches	MSC	SSE		2014
5.2.1.35	Development of amendments to SOLAS regulation II-2/20 and associated guidance on air quality management for ventilation of closed vehicle spaces, closed ro-ro and special category spaces	MSC	SSE		2014

Number	Description	Parent organ(s)	Coordinating organ(s)	Associated organ(s)	Target completion year
5.2.1...	Development of amendments to the 2009 MODU Code concerning lifeboat drills	MSC	SSE		2015
5.2.1...	Considerations related to the double sheathed low-pressure fuel pipes for fuel injection systems in engines on crude oil tankers	MSC	SSE		2015
5.2.1...	Smoke control and ventilation	MSC	SSE		2015
5.2.1...	Development of amendments to the provisions of SOLAS chapter II 2 relating to secondary means of venting cargo tanks	MSC	SSE		2015
12.1.2.1	Analysis of fire casualty records	MSC	III	HTW / NCSR / PPR / SDC / SSE / TOC	Continuous

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## ANNEX 2

### SUB-COMMITTEE ON SHIP DESIGN AND CONSTRUCTION (SDC)

#### PROPOSED TERMS OF REFERENCE

1 Under the direct instructions of the Maritime Safety Committee and as may be requested by the Marine Environment Protection Committee, the Sub-Committee on Ship Design and Construction (SDS) will consider matters related to the following subjects, including the development of any necessary amendments to relevant conventions and other mandatory and non-mandatory instruments, as well as the preparation of new mandatory and non-mandatory instruments, guidelines and recommendations, for consideration by the Committees, as appropriate:

- .1 design, construction, subdivision and stability, buoyancy, sea-keeping and arrangements, including evacuation matters, of all types of ships, vessels, craft and mobile units covered by IMO instruments;
- .2 testing and approval of construction and materials;
- .3 load line matters;
- .4 tonnage measurement matters;
- .5 safety of fishing vessels and fishermen; and
- .6 survey and certification.

2 The conventions and other mandatory instruments referred to above include, as a minimum:

- .1 1974 SOLAS Convention (chapters II-1, II-2, VIII, X, XI-1 and XII and other relevant chapters, as appropriate) and the 1988 Protocol relating thereto;
- .2 MARPOL annexes, as appropriate;
- .3 1966 LL Convention and the 1988 Protocol relating thereto;
- .4 1969 Tonnage Measurement Convention;
- .5 1977 Torremolinos International Convention for the Safety of Fishing Vessels, as modified by the 1993 Torremolinos Protocol, as modified by the 2012 Cape Town Agreement relating thereto;
- .6 International Code of Safety for High-Speed Craft (HSC Code), 1994 and 2000;
- .7 International Code for Application of Fire Test Procedures (FTP Code), for tests related to ship construction and materials;
- .8 International Code on Intact Stability, 2008;

- .9 International Code on the Enhanced Programme of Inspections during Surveys of Bulk Carriers & Oil Tanker, 2011 (2011 ESP Code);
- .10 Coating Performance Standards;
- .11 Code on Noise Levels on Board Ships; and
- .12 Condition Assessment Scheme (CAS).

3 The non-mandatory instruments, which the Sub-Committee may be called upon to review, include, as a minimum:

- .1 Code of Safety for Dynamically Supported Craft (DSC Code);
- .2 Code for the Construction and Equipment of Mobile Offshore Drilling Units (MODU Code);
- .3 Code of Safe Practice for the Carriage of Cargoes and Persons by Offshore Supply Vessels (OSV Code);
- .4 Code of Safety for Special Purpose Ships (SPS Code);
- .5 Code on Noise Level on Board Ships, 2009;
- .6 Interim Guidelines for Wing-In-Ground (WIG) Craft;
- .7 Standards for Ship Manoeuvrability;
- .8 Guidelines for the Design, Construction and Operation of Passenger Submersible Craft;
- .9 Guidelines for Ships Operating in Polar Waters;
- .10 2005 Code of Safety for Fishermen and Fishing Vessels, parts A and B;
- .11 2005 FAO/ILO/IMO Voluntary Guidelines for the Design, Construction and Equipment of Small Fishing Vessels; and
- .12 recommendations and guidelines relevant to ship design, construction, materials, arrangements, stability, load lines and fishing vessels safety.

4 Any other relevant issues referred to it by the Committees or other technical bodies of the Organization.

**PROPOSED PROVISIONAL AGENDA FOR 2014**

- Opening of the session and election of Chairman and Vice-Chairman for 2014
- 1 Adoption of the agenda
- 2 Decisions of other IMO bodies
- 3 Development of a mandatory Code for ships operating in polar waters
- 4 Development of provisions to ensure the integrity and uniform implementation of the 1969 TM Convention
- 5 Development of second-generation intact stability criteria
- 6 Review of the damage stability regulations for ro-ro passenger ships
- 7 Revision of SOLAS chapter II-1 subdivision and damage stability regulations
- 8 Development of guidelines on safe return to port for passenger ships
- 9 Amendments to SOLAS regulation II-1/11 and development of associated guidelines to ensure the adequacy of testing arrangements for watertight compartments
- 10 Development of amendments to the 2011 ESP Code
- 11 Development of guidelines for use of Fibre Reinforced Plastic (FRP) within ship structures
- 12 Development of amendments to SOLAS chapter II-2, the FTP Code and MSC/Circ.1120 to clarify the requirements for plastic pipes on ships
- 13 Review of the recommendation on evacuation analysis for new and existing passenger ships
- 14 Development of an interpretation of SOLAS regulation II-1/13.6 on means of escape from ro-ro cargo spaces
- 15 Provisions for the reduction of noise from commercial shipping and its adverse impacts on marine life
- 16 Classification of offshore industry vessels and consideration of the need for a non-mandatory Code for offshore construction support vessels
- 17 Development of guidelines for wing-in-ground craft
- 18 Consideration of IACS unified interpretations
- 19 Biennial agenda and provisional agenda for SDC 2
- 20 Election of Chairman and Vice-Chairman for 2015
- 21 Any other business
- 22 Report to the Maritime Safety Committee

**PROPOSED ARRANGEMENTS FOR WORKING AND DRAFTING GROUPS FOR SDC 1  
AND CORRESPONDENCE GROUPS ASSIGNED TO THE SDC SUB-COMMITTEE**

**PROPOSED INTERSESSIONAL WORKING GROUP**

**IWG 1** – Stability (agenda item 5)

**PROPOSED WORKING GROUP ARRANGEMENTS**

**WG 1** – Development of a mandatory Code for ships operating in polar waters

**WG 2** – Stability (agenda items 5, 6, 7 and 8)

**WG 3** – Construction (agenda items 11 and 12)

**PROPOSED DRAFTING GROUP ARRANGEMENTS**

**DG 1** – Vacant\*

**DG 2** – Vacant\*

**CORRESPONDENCE GROUPS TO REPORT TO THE SDC SUB-COMMITTEE**

**CG 1** – Development of guidelines for use of fibre reinforced plastic (FRP) within ship structures

**CG 2** – Development of a mandatory Code for ships operating in polar waters\*\*

**CG 3** – Intact stability\*\*

**CG 4** – Subdivision and damage stability\*\*

**CG 5** – Development of provisions to ensure the integrity and uniform implementation of the 1969 TM Convention\*\*

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\* Taking into account the outcome of SLF 55 and DE 57, the Chairmen of the DE and SLF Sub-Committees, in consultation with the Secretariat, taking into account the submissions received on the respective subjects, would advise the Sub-Committee well in time before the session on the final selection of such groups.

\*\* It is anticipated that these correspondence groups will be re-established by the existing coordinating body.



PROPOSED BIENNIAL AGENDA FOR SHIP DESIGN AND CONSTRUCTION (SDC)					
PLANNED OUTPUTS 2014-2015					
Number	Description	Parent organ(s)	Coordinating organ(s)	Associated organ(s)	Target completion year
1.1.2.2	Consideration of IACS unified interpretations	MSC / MEPC		III / NCSR / PPR / SDC / SSE / TOC	Continuous
1.1.2.3	Development of amendments to the 2011 ESP Code	MSC	SDC		Continuous
1.1.2.11	Review of provisions for helicopters in SOLAS	MSC	SDC		Continuous
2.0.1.5	Development of provisions to ensure the integrity and uniform implementation of the 1969 TM Convention	MSC	SDC	HTW	2015
2.0.1.25	Development of mandatory carriage requirements for stability instruments on board tankers	MSC	SDC		2014
5.1.1.1	Development of guidelines on safe return to port for passenger ships	MSC	SDC		2015
5.1.1.2	Review of damage stability regulations for ro-ro passenger ships	MSC	SDC		2016
5.1.1.3	Review of the recommendations on evacuation analysis for new and existing passenger ships	MSC	SSE		2015
5.2.1.1	Development of amendments to the criterion for maximum angle of heel in turns of the 2008 IS Code	MSC	SDC		2014
5.2.1.14	Development of second-generation intact stability criteria	MSC	SDC		2015
5.2.1.15	Revision of SOLAS chapter II-1 subdivision and damage stability regulations	MSC	SDC		2015
5.2.1.17	Development of a mandatory Code of ships operating in polar waters	MSC / MEPC	SDC	III / NCSR / PPR / SDC / SSE / TOC	2014
5.2.1.21	Classification of offshore industry vessels and consideration of the need for a non-mandatory code for offshore construction support vessels	MSC	SDC		2014

Number	Description	Parent organ(s)	Coordinating organ(s)	Associated organ(s)	Target completion year
5.2.1.23	Development of guidelines for use of Fibre Reinforced Plastic (FRP) within ship structures	MSC	SDC		2014
5.2.1.25	Development of guidelines for wing-in-ground craft	MSC	SDC	NCSR / PPR / SSE / TOC	2015
5.2.1.26	Development of amendments to Part B of the 2008 IS Code on towing and anchor handling operations	MSC	SDC		2014
5.2.1.28	Amendments to SOLAS regulation II-1/11 and development of associated Guidelines to ensure the adequacy of testing arrangements for watertight compartments	MSC	SDC		2014
5.2.1.29	Development of amendments to SOLAS chapter II 2, the FTP Code and MSC/Circ.1120 to clarify the requirements for plastic pipes on ships	MSC	SDC		2014
5.2.1.32	Development of an interpretation of SOLAS regulation II-1/13.6 on means of escape from ro-ro cargo spaces	MSC	SDC		2014

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### ANNEX 3

#### SUB-COMMITTEE ON NAVIGATION, COMMUNICATION AND SEARCH AND RESCUE (NCSR)

##### PROPOSED TERMS OF REFERENCE

1 Under the direct instructions of the Maritime Safety Committee and as may be requested by the Marine Environment Protection Committee, the Sub-Committee on Navigation, Communications and Search and Rescue (NCSR) will consider matters related to the following subjects, including the development of any necessary amendments to relevant conventions and other mandatory and non-mandatory instruments, as well as the preparation of new mandatory and non-mandatory instruments, guidelines and recommendations, for consideration by the Committees, as appropriate:

- .1 obligations of Governments and operational measures related to safety of navigation, including hydrographic and meteorological services, ships' routing, ship reporting systems, aids to navigation, radionavigation systems, vessel traffic services and pilotage, including the role of such measures in the protection of the marine environment;
- .2 operational requirements and guidelines relating to navigational safety and associated issues, such as regulations for the prevention of collisions and groundings, bridge procedures, voyage planning, avoidance of dangerous situations, places of refuge including maritime assistance services and relevant aspects of maritime security;
- .3 carriage requirements, performance standards and operational guidelines for the use of shipborne navigational equipment and other navigational requirements, including bridge design, bridge visibility and pilot transfer arrangements;
- .4 obligations of Governments and operational measures related to the Global Maritime Distress and Safety System (GMDSS), in particular, matters relating to GMDSS Master Plan;
- .5 obligations of Governments and operational measures related to development and maintenance of the Global SAR Plan;
- .6 obligations of Governments and operational measures related to LRIT;
- .7 operational requirements and guidelines relating to radiocommunications and search and rescue, such as operational safety measures related to maritime mobile radiocommunications and security, including LRIT, operational and technical coordination provisions of maritime safety information (MSI) services, in co-operation with ICAO harmonization of aeronautical and maritime search and rescue procedures, including SAR training matters and procedures for routing distress information in the GMDSS;
- .8 carriage requirements, performance standards and operational guidelines for the use of shipborne radiocommunications and search and rescue equipment; and

- .9 ITU maritime mobile radiocommunication matters and liaison with ITU technical bodies on the issues.

2 The conventions and other mandatory instruments referred to above include, as a minimum:

- .1 1974 SOLAS Convention (chapters III, IV and V and other relevant chapters, as appropriate) and the 1988 Protocol relating thereto;
- .2 MARPOL annexes, as appropriate;
- .3 International Regulations for Preventing Collisions at Sea, 1972, as amended;
- .4 International Code of Signals, as amended;
- .5 International Code of Safety for High-Speed Craft (HSC Code), 1994 and 2000; and
- .6 International Convention on Maritime Search and Rescue, 1979, as amended.

3 The non-mandatory instruments, which the Sub-Committee may be called upon to review, include, as a minimum:

- .1 Recommendations on performance standards for various shipborne navigational radiocommunications and search and rescue equipment;
- .2 General Provisions on Ships' Routeing;
- .3 Guidelines and Criteria for Ship Reporting Systems;
- .4 General Principles for ship reporting systems and ship reporting requirements;
- .5 Guidelines on vessel traffic services;
- .6 Guidelines on the operation of AIS on ships;
- .7 IMO Standard Marine Communication Phrases;
- .8 Operational and technical coordination provisions of maritime safety information (MSI) services, including related documents;
- .9 Guidelines on radiocommunications procedures;
- .10 Criteria for the provision of mobile satellite communication systems in the Global Maritime Distress and Safety System (GMDSS);
- .11 Guidelines to facilitate efficient and effective search and rescue operations;
- .12 International Aeronautical and Maritime Search and Rescue (IAMSAR) Manual; and

.13 2005 PSSA Guidelines (resolution A.982(24)).

4 Any other relevant issues referred to it by the Committees or other technical bodies of the Organization.

**PROPOSED PROVISIONAL AGENDA FOR 2014**

- Opening of the session and election of Chairman and Vice-Chairman for 2014
- 1 Adoption of the agenda
  - 2 Decisions of other IMO bodies
  - 3 Routeing of ships, ship reporting and related matters
  - 4 Consideration of ECDIS matters related to the implementation of the carriage requirements in SOLAS regulations V/19.2.10 and V/19.2.11
  - 5 Consolidation of ECDIS-related IMO circulars
  - 6 Consideration of the application of the satellite navigation system "BeiDou" in the maritime field
  - 7 Development of explanatory footnotes to SOLAS regulations V/15, V/18, V/19 and V/27
  - 8 Development of an e-navigation strategy implementation plan
  - 9 Developments in maritime radiocommunication systems and technology
  - 10 Review and modernization of the Global Maritime Distress and Safety System (GMDSS)
  - 11 Further development of the GMDSS master plan on shore-based facilities
  - 12 Consideration of operational and technical coordination provisions of maritime safety information (MSI) services, including the development and review of related documents
  - 13 Consideration of radiocommunication ITU-R Study Group matters
  - 14 Consideration of ITU World Radiocommunication Conference matters
  - 15 Consideration of developments in Inmarsat and Cospas-Sarsat:
  - 16 Development of guidelines on harmonized aeronautical and maritime search and rescue procedures, including SAR training matters
  - 17 Further development of the Global SAR Plan for the provision of maritime SAR services, including procedures for routeing distress information in the GMDSS
  - 18 Development of amendments to the IAMSAR Manual
  - 19 Development of measures to protect the safety of persons rescued at sea
  - 20 Consideration of LRIT-related matters
  - 21 Development of a mandatory Code for ships operating in polar waters

- 22 Casualty analysis
- 23 Consideration of IACS unified interpretations
- 24 Biennial agenda and provisional agenda for NCSR 2
- 25 Election of Chairman and Vice-Chairman for 2015
- 26 Any other business
- 27 Report to the Maritime Safety Committee

**PROPOSED ARRANGEMENTS FOR WORKING AND DRAFTING GROUPS FOR NCSR 1  
AND CORRESPONDENCE GROUPS ASSIGNED TO THE NCSR SUB-COMMITTEE**

**PROPOSED INTERSESSIONAL WORKING GROUP**

**IWG 1** – ICAO/IMO Joint Working Group on SAR (agenda items 10, 16 and 18)

**IWG 2** – Joint IMO/ITU Experts Group (agenda items 10, 13 and 14)

**IWG 3** – E-Navigation (agenda item 8)

**PROPOSED WORKING GROUP ARRANGEMENTS**

**WG 1** – Search and Rescue (agenda items 15, 16, 17 and 18)

**WG 2** – Ships' Routeing (agenda item 3)

**WG 3** – Technical matters (agenda items 9, 10, 12, 13, 14, 15, 20 and 21)

**PROPOSED DRAFTING GROUP ARRANGEMENTS**

**DG 1** – Vacant\*

**DG 2** – Vacant\*

**CORRESPONDENCE GROUPS TO REPORT TO THE NCSR SUB-COMMITTEE**

**CG 1** – Review of the GMDSS

**CG 2** – E-navigation\*\*

**CG 3** – Development of policy and new symbols for AIS Aids to Navigation\*\*

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\* Taking into account the outcome of NAV 59, the Chairmen of the COMSAR and NAV Sub-Committees, in consultation with the Secretariat, taking into account the submissions received on the respective subjects, would advise the Sub-Committee well in time before the session on the final selection of such groups.

\*\* It is anticipated that these correspondence groups will be re-established by the existing coordinating body.



<b>PROPOSED BIENNIAL AGENDA FOR NAVIGATION, COMMUNICATIONS AND SEARCH AND RESCUE (NCSR)</b>					
<b>PLANNED OUTPUTS 2014-2015</b>					
<b>Number</b>	<b>Description</b>	<b>Parent organ(s)</b>	<b>Coordinating organ(s)</b>	<b>Associated organ(s)</b>	<b>Target completion year</b>
1.1.2.2	Consideration of IACS unified interpretations	MSC / MEPC		III / NCSR / PPR / SDC / SSE / TOC	Continuous
1.1.2.7	Cooperation with IHO: hydrographic issues	MSC	NCSR		Continuous
1.1.2.10	Cooperation with ICAO: annual meeting of the Joint ICAO/IMO Working Group on the Harmonization of Aeronautical and Maritime Search and Rescue (monitoring of SAR developments, continuous review of the IAMSAR Manual and developing recommendations)	MSC	NCSR	SDC	Continuous
1.1.2.12	Cooperation with ITU: consideration of matters related to the Radiocommunication ITU R Study Group and ITU World Radiocommunication Conference	MSC	NCSR		Continuous
1.1.2.15	Liaison statements to/from IALA: VTS, aids to navigation, e-navigation and AIS matters	MSC	NCSR		Continuous
1.1.2.16	Liaison statements to/from IEC: radiocommunications and safety of navigation	MSC	NCSR		Continuous
1.1.2.17	Liaison statements to/from IHO: hydrographic matters and promotion of ENCs covering various parts of the globe	MSC	NCSR		Continuous
1.1.2.19	Liaison statements to/from ITU: radiocommunications	MSC	NCSR		Continuous
1.1.2.20	Liaison statements to/from UNHCR: persons rescued at sea	MSC / FAL	NCSR		Continuous
1.1.2.21	Liaison statements to/from WMO: meteorological issues	MSC	NCSR		Continuous
1.3.1.3	Identification of PSSAs, taking into account article 211 and other related articles of UNCLOS	MEPC	NCSR		Continuous
1.3.5.2	Development of amendments to the IAMSAR Manual	MSC	NCSR		Continuous

Number	Description	Parent organ(s)	Coordinating organ(s)	Associated organ(s)	Target completion year
2.0.3.1	Technical guidance for the establishment of regional MRCCs and MRSCs in Africa, supported by the ISAR Fund	MSC	Secretariat		Continuous
2.0.3.2	Further development of the Global SAR Plan for the provision of maritime SAR services, including procedures for routeing distress information in the GMDSS	MSC	NCSR		Continuous
2.0.3.4	Reports on the Cospas-Sarsat System monitored and the list of IMO documents and publications which should be held by MRCCs updated	MSC	Secretariat	NCSR	Continuous
2.0.3.5	Development of guidelines on harmonized aeronautical and maritime search and rescue procedures, including SAR training matters	MSC	NCSR		2014
5.1.2.2	Development of measures to protect the safety of persons rescued at sea	MSC / FAL	NCSR	III	2014
5.2.1.17	Development of a mandatory Code of ships operating in polar waters	MSC / MEPC	SDC	III / NCSR / PPR SSE / TOC	2014
5.2.4.1	New routeing measures and mandatory ship reporting systems, including associated protective measures for PSSAs	MSC	NCSR		Continuous
5.2.4.4	Implementation of LRIT system	MSC	NCSR		Continuous
5.2.4.6	Consideration of LRIT matters	MSC	NCSR		Continuous
5.2.4.13	Revision of the Guidelines for the on board operational use of shipborne automatic identification systems (AIS)	MSC	NCSR		2014
5.2.4.14	Consolidation of ECDIS-related IMO circulars	MSC	NCSR		2014
5.2.4.15	Development of explanatory footnotes to SOLAS regulations V/15, V/18, V/19 and V/27	MSC	NCSR		2014
5.2.4.16	Application of the satellite navigation system "BeiDou" in the maritime field	MSC	NCSR		2014

Number	Description	Parent organ(s)	Coordinating organ(s)	Associated organ(s)	Target completion year
5.2.4.17	Consideration of ECDIS matters related to the implementation of the carriage requirements in SOLAS regulations V/19.2.10 and V/19.2.11	MSC	NCSR		2014
5.2.5.1	Consideration of operational and technical coordination provisions of maritime safety information (MSI) services, including development and review of related documents	MSC	NCSR		Continuous
5.2.5.3	Further development of the GMDSS master plan on shore-based facilities	MSC	NCSR		Continuous
5.2.5.4	Consideration of developments in Inmarsat and Cospas-Sarsat	MSC	NCSR		Continuous
5.2.5.5	Developments in maritime radiocommunication systems and technology	MSC	NCSR		2014
5.2.5.7	High-level review approved and Draft detailed review completed of the Global Maritime Distress and Safety System (GMDSS)	MSC	NCSR	HTW	2014
5.2.6.1	Development of an e navigation strategy implementation plan	MSC	NCSR	HTW	2015
7.1.2.2	Designation of Special Areas and PSSAs and adoption of their associated protective measures	MEPC	NCSR		Continuous
7.2.1.1	Bi-annual MSC circulars on designation of maritime assistance services (MAS)	MSC	NCSR		Annual
12.1.2.1	Casualty analysis	MSC	III	HTW / NCSR / PPR / SDC / SSE / TOC	Continuous

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## ANNEX 4

### SUB-COMMITTEE ON POLLUTION PREVENTION AND RESPONSE (PPR)

#### PROPOSED TERMS OF REFERENCE

1 Under the direct instructions of the Marine Environment Protection Committee, and as may be requested by the Maritime Safety Committee, the Sub-Committee will consider matters related to the following subjects, including the development of any necessary amendments to relevant conventions and other mandatory and non-mandatory instruments, as well as the preparation of new mandatory and non-mandatory instruments, guidelines and recommendations, for consideration by the Committees, as appropriate:

- .1 prevention and control of marine and air pollution from ships and other related maritime operations;
- .2 safe and environmentally sound recycling of ships;
- .3 evaluation of safety and pollution hazards of liquid substances in bulk transported by ships;
- .4 control and management of harmful aquatic organisms in ships' ballast water and sediments, and biofouling; and
- .5 pollution preparedness, response and cooperation for oil and hazardous and noxious substances.

2 The conventions and other mandatory instruments referred to above include, as a minimum:

- .1 1974 SOLAS Convention (chapter VII, parts B and C) and the 1988 Protocol relating thereto;
- .2 MARPOL relevant annexes as appropriate;
- .3 International Convention for the Control and Management of Ships' Ballast Water and Sediments, 2004;
- .4 International Convention for the Safe and Environmentally Sound Recycling of Ships, 2009;
- .5 International Convention on the Control of harmful Antifouling Systems on Ships, 2001;
- .6 International Convention on Oil Pollution Preparedness, Response and Cooperation, 1990;
- .7 Protocol on Preparedness, Response and Co-operation to pollution Incidents by Hazardous and Noxious Substances, 2000;
- .8 International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (IBC Code);

- .9 Technical Code on the Control of Emission of Nitrogen Oxides from Marine Diesel Engine (NO<sub>x</sub> Technical Code 2008); and
  - .10 Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (BCH Code).
- 3 The non-mandatory instruments, which the Sub-Committee may be called upon to review, include, as a minimum:
- .1 any recommendations and guidelines relevant to the pollution prevention from ships; and
  - .2 any recommendations, guidelines or training materials related to oil and HNS pollution preparedness and response.
- 4 Any other relevant issues referred to it by the Marine Environment Protection Committee or other bodies of the Organization.

**PROPOSED PROVISIONAL AGENDA FOR 2014**

- Opening of the session and election of Chairman and Vice-Chairman for 2014
- 1 Adoption of the agenda
  - 2 Decisions of other IMO bodies
  - 3 Evaluation of safety and pollution hazards of liquid chemicals and preparation of consequential amendments to the IBC Code
  - 4 Development of a code for the transport and handling of limited amounts of hazardous and noxious liquid substances in bulk on offshore support vessels
  - 5 Additional guidelines for implementation of the BWM Convention
  - 6 Production of a manual entitled "Ballast Water Management – How to do it"
  - 7 Improved and new technologies approved for ballast water management systems and reduction of atmospheric pollution
  - 8 Consideration of the impact on the Arctic of emissions of Black Carbon from international shipping
  - 9 Review of relevant non-mandatory instruments as a consequence of the amended MARPOL Annex VI and the NO<sub>x</sub> Technical Code
  - 10 Implementation of the OPRC Convention and the OPRC-HNS Protocol and relevant Conference resolutions
  - 11 Development of a mandatory Polar Code
  - 12 Consideration of IACS unified interpretations
  - 13 Casualty analysis
  - 14 Biennial agenda and provisional agenda for PPR 2
  - 15 Election of Chairman and Vice-Chairman for 2015
  - 16 Any other business
  - 17 Report to the Marine Environment Protection Committee

**PROPOSED ARRANGEMENTS FOR WORKING AND DRAFTING GROUPS FOR PPR 1  
AND CORRESPONDENCE GROUPS ASSIGNED TO THE PPR SUB-COMMITTEE**

**PROPOSED INTERSESSIONAL WORKING GROUP**

**IWG 1** – ESPH (agenda item 3)

**IWG 2** – OPRC-HNS Technical Group (agenda item 10)

**PROPOSED WORKING GROUP ARRANGEMENTS**

**WG 1** – ESPH (agenda item 3)

**WG 2** – Prevention of air pollution from ships (agenda items 8 and 9)

**WG 3** – Development of OSV Chemical Code (agenda item 4)

**PROPOSED DRAFTING GROUP ARRANGEMENTS**

**DG 1** – Ballast Water

**DG 2** – Development of a mandatory Polar Code

**CORRESPONDENCE GROUPS TO REPORT TO THE PPR SUB-COMMITTEE**

**CG 1** – Prevention of air pollution from ships

**CG 2** – Development of OSV Chemical Code



<b>POLLUTION PREVENTION AND RESPONSE (PPR)</b>					
<b>PLANNED OUTPUTS 2014-2015</b>					
<b>Number</b>	<b>Description</b>	<b>Parent organ(s)</b>	<b>Coordinating organ(s)</b>	<b>Associated organ(s)</b>	<b>Target completion year</b>
1.1.2.2	Consideration of IACS unified interpretations	MSC / MEPC		III / NCSR / PPR / SDC / SSE / TOC	Continuous
2.0.1.8	Additional guidelines for implementation of the BWM Convention, including port State control	MEPC	PPR	III	2015
2.0.1.9	Development of guidelines for replacement engines not required to meet the Tier III limit (MARPOL Annex VI)	MEPC	PPR		2015
2.0.1.11	Development of additional guidelines pertaining to equivalents set forth in regulation 4 of MARPOL Annex VI	MEPC	PPR		2015
2.0.1.12	Development of guidelines pertaining to paragraph 2.2.5.6 of the NOx Technical Code	MEPC	PPR		2015
5.2.1.17	Development of a mandatory Code of ships operating in polar waters	MSC / MEPC	SDC	HTW / III / NCSR / PPR / SSE / TOC	2014
7.1.2.5	Production of a manual entitled "Ballast Water Management – How to do it"	MEPC	PPR		2015
7.1.2.10	Oil spill response in ice and snow conditions	MEPC	PPR		2014
7.1.2.11	Updated IMO dispersant Guidelines	MEPC	PPR		2014
7.1.2.15	Development of a code for the transport and handling of limited amounts of hazardous and noxious liquid substances in bulk on offshore support vessels	MSC / MEPC	PPR	SDC / SSE	2015
7.1.2.16	Development of guidance on the safe operation of oil pollution combating equipment	MEPC	PPR	SSE	2014
7.1.2.17	Development of guidance of international offers of assistance in response in marine oil pollution incident	MEPC	PPR		2014
7.1.2	Review and update of the OPRC Model training courses	MEPC	PPR		2016

Number	Description	Parent organ(s)	Coordinating organ(s)	Associated organ(s)	Target completion year
7.2.2.3	Evaluation of safety and pollution hazards of liquid chemicals, including preparation of consequential amendments	MSC / MEPC	PPR		Continuous
7.3.1.1	Review of relevant non-mandatory instruments as a consequence of the amended MARPOL Annex VI and the NO <sub>x</sub> Technical Code	MEPC	PPR		2015
7.3.2.2	Consideration of the impact on the Arctic of emissions of Black Carbon from international shipping	MEPC	PPR		2014
12.1.2.1	Casualty analysis	MSC	III	HTW / NCSR / PPR / SDC / SSE / TOC	Continuous
13.0.3.1	Improved and new technologies approved for ballast water management systems and reduction of atmospheric pollution	MEPC	PPR		Annual

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## ANNEX 5

### SUB-COMMITTEE ON TRANSPORT OF CARGOES (TOC)

#### PROPOSED TERMS OF REFERENCE

1 Under the direct instructions of the Maritime Safety Committee and the Marine Environment Protection Committee, the Sub-Committee on Transport of Cargoes (TOC) will consider matters related to the following subjects, including the development of any necessary amendments to relevant conventions and other mandatory and non-mandatory instruments, as well as the preparation of new mandatory and non-mandatory instruments, guidelines and recommendations, for consideration by the Committees, as appropriate:

- .1 effective implementation of the relevant conventions, codes and other instruments, mandatory or recommendatory, as appropriate, dealing with cargo operations, which include packaged dangerous goods, solid bulk cargoes, bulk gas cargoes and containers;
- .2 evaluation of safety and pollution hazards of packaged dangerous goods, solid bulk cargoes and gas cargoes;
- .3 survey and certification of ships carrying hazardous cargoes;
- .4 further enhancement of the safety and security culture, and environmental consciousness in all cargo operations; and
- .5 co-operation with other relevant UN bodies, IGO's and NGO's on international standards related to dry cargo operations.

2 The conventions and other mandatory instruments referred to above include, as a minimum:

- .1 1974 SOLAS Convention (chapters VI and VII and other relevant parts, as appropriate);
- .2 MARPOL (Annexes III and V, as appropriate);
- .3 1972 International Convention for Safe Containers (CSC);
- .4 International Maritime Dangerous Goods (IMDG) Code and related supplements;
- .5 International Maritime Solid Bulk Cargoes (IMSBC) Code and related supplements;
- .6 International Code for the Construction and Equipment of Ships carrying Liquefied Gases in Bulk (IGC Code);
- .7 International Code for the Safe Carriage of Packaged Irradiated Nuclear Fuel, Plutonium and High-Level Radioactive Wastes onboard Ships (INF Code);
- .8 International Code for the Safe Carriage of Grain in Bulk; and

.9 Code of Safe Practice for Cargo Stowage and Securing (CSS Code);

3 The non-mandatory instruments, which the Sub-Committee may be called upon to review, include, as a minimum:

.1 Code of Safe Practice for Solid Bulk Cargoes (BC Code);

.2 Code for the Construction and Equipment of Ships carrying Liquefied Gases in Bulk (GC Code);

.3 Code of Safe Practice for Ships Carrying Timber Deck Cargoes;

.4 Code Safe Practice for the Safe Loading and Unloading of Bulk Carriers (BLU Code);

.5 Recommendations on the Safe Transport of Dangerous Cargoes and related Activities in Port Areas;

.6 Guidelines for the Preparation of the Cargo Securing Manual;

.7 Emergency Response Procedures for Ships Carrying Dangerous Goods (EmS Guide);

.8 Medical First Aid Guide for Use in Accidents Involving Dangerous Goods (MFAG);

.9 Reporting procedures, including inspection programmes for cargo transport units carrying dangerous goods; reporting of incidents involving harmful substances and/or marine pollutants; reporting of casualties involving dangerous cargoes;

.10 IMO/ILO/UN ECE Guidelines for Packing Cargo Transport Units;

.11 Recommendations on the Safe Use of Pesticides in Ships; and

.12 Any recommendations and guidelines relevant to the carriage of bulk cargoes.

4 Any other relevant issues referred to it by the Committees or other technical bodies of the Organization.

**PROPOSED PROVISIONAL AGENDA FOR 2014**

- Opening of the session and election of Chairman and Vice-Chairman for 2014
- 1 Adoption of the agenda
- 2 Decisions of other IMO bodies
- 3 Review of general cargo ship safety
- 4 Development of amendments to CSC 1972 and associated circulars
- 5 Development of measures to prevent loss of containers
- 6 Development of international code of safety for ships using gases or other low-flashpoint fuels
- 7 Development of amendments to the IMSBC Code and supplements, including evaluation of properties of solid bulk cargoes
- 8 Development of amendments to the IMDG Code and supplements, including harmonization with the UN Recommendations on the transport of dangerous goods
- 9 Revision of the guidelines for packing of cargo transport units
- 10 Development of amendments to SOLAS and the relevant codes concerning mandatory carriage of appropriate atmosphere testing instruments on board ships
- 11 Consideration of IACS unified interpretations
- 12 Casualty and incident reports and analysis
- 13 Biennial agenda and provisional agenda for TOC 2
- 14 Election of Chairman and Vice-Chairman for 2015
- 15 Any other business
- 16 Report to the Committees

**PROPOSED ARRANGEMENTS FOR WORKING AND DRAFTING GROUPS FOR TOC 1  
AND CORRESPONDENCE GROUPS ASSIGNED TO THE TOC SUB-COMMITTEE**

**PROPOSED INTERSESSIONAL WORKING GROUP**

**IWG 1** – E&T (agenda item 7)

**PROPOSED WORKING GROUP ARRANGEMENTS**

**WG 1** – Development of international code of safety for ships using gases or other low-flashpoint fuels (agenda item 6)

**WG 2** – To be decided by DSC 18\*

**WG 3** – To be decided by DSC 18\*

**PROPOSED DRAFTING GROUP ARRANGEMENTS**

**DG 1** – To be decided by DSC 18\*

**DG 2** – To be decided by DSC 18\*

**CORRESPONDENCE GROUP TO REPORT TO THE TOC SUB-COMMITTEE**

**CG 1** – Development of international code of safety for ships using gases or other low-flashpoint fuels

**CG 2** – To be decided by DSC 18

**CG 3** – To be decided by DSC 18

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\* Taking into account the outcome of DSC 18, the Chairmen of the DSC Sub-Committee, in consultation with the Secretariat, taking into account the submissions received on the respective subjects, would advise the Sub-Committee well in time before the session on the final selection of such groups.

TRANSPORT OF CARGOES (TOC)					
PLANNED OUTPUTS 2014-2015					
Number	Description	Parent organ(s)	Coordinating organ(s)	Associated organ(s)	Target completion year
1.1.2.2	Consideration of IACS unified interpretations	MSC / MEPC		III / NCSR / PPR / SDC / SSE / TOC	Continuous
5.2.1.3	Development of international code of safety for ships using gases or other low flashpoint fuels	MSC	TOC	SDC / SSE	2015
5.2.1.7	Review of general cargo ship safety	MSC		III / NCSR / PPR / SDC / SSE / TOC	2014
5.2.3.1	Development of amendments to CSC 1972 and associated circulars	MSC	TOC		2014
5.2.3.2	Development of measures to prevent loss of containers	MSC	TOC	HTW / SSE	2015
5.2.3.3	Development of amendments to the IMSBC Code and supplements, including evaluation of properties of solid bulk cargoes	MSC / MEPC	TOC		Continuous
5.2.3.4	Development of amendments to the IMDG Code and supplements, including harmonization with the UN Recommendations on the transport of dangerous goods	MSC	TOC		Continuous
5.2.3.8	Amendments to MARPOL Annex III, as required	MEPC	TOC		Continuous
5.2.3.9	Revised Guidelines for packing of cargo transport units	MSC	TOC		2015
5.2.3.12	Development of amendments to SOLAS and the relevant codes concerning mandatory carriage of appropriate atmosphere testing instruments on board ships	MSC	TOC	HTW / SSE	2014
12.3.1.3	Casualty and incident reports and analysis	MSC / MEPC	TOC	III	Continuous

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## ANNEX 6

### SUB-COMMITTEE ON IMPLEMENTATION OF IMO INSTRUMENTS (III)

#### PROPOSED TERMS OF REFERENCE

1 Under the direct instructions of the Maritime Safety Committee and the Marine Environment Protection Committee, the Sub-Committee on Implementation of IMO Instruments (III), in addressing the effective and consistent global implementation and enforcement of IMO instruments concerning maritime safety and security and the protection of the marine environment, will consider matters related to the following subjects, including the development of any necessary amendments to relevant conventions and other mandatory and non-mandatory instruments, as well as the preparation of new mandatory and non-mandatory instruments, guidelines and recommendations, for consideration by the Committees, as appropriate:

- .1 comprehensive review of the rights and obligations of States emanating from the IMO treaty instruments;
- .2 assessment, monitoring and review of the current level of implementation of IMO instruments by States in their capacity as flag, port and coastal States and countries training and certifying officers and crews, with a view to identifying areas where States may have difficulties in fully implementing them;
- .3 identification of the reasons for the difficulties in implementing provisions of relevant IMO instruments, taking into account any relevant information collected through, *inter alia*, the assessment of performance, the investigation of marine casualties and incidents and the port State control (PSC) data, while paying particular attention to the perceived difficulties faced by developing countries;
- .4 consideration of proposals to assist States in implementing and complying with IMO instruments by the development of appropriate mandatory and non-mandatory instruments, guidelines and recommendations for the consideration by the Committees, as appropriate;
- .5 analyses of investigations reports into marine casualties and incidents and maintaining an efficient and comprehensive knowledge-based mechanism to support the identification of trends and the IMO rule-making process;
- .6 review of IMO standards on maritime safety and security and the protection of the marine environment, to maintain an updated and harmonized guidance on survey and certification related requirements; and
- .7 promotion of global harmonization of PSC activities.

2 The conventions and other mandatory instruments referred to above include, as a minimum:

- .1 1974 SOLAS Convention (chapters 1, IX, XI-1 and Appendix and other relevant chapters, as appropriate) and the 1988 Protocol relating thereto;

- .2 MARPOL, BWM, AFS Conventions and other related environmental instruments, as appropriate;
- .3 International Safety Management (ISM) Code, as amended;
- .4 Code for recognized organizations (ROs);
- .5 IMO Instrument Implementation Code (III Code); and
- .6 Code of International Standards and Recommended Practices for a Safety Investigation into a Marine Casualty or Marine Incident (Casualty Investigation Code), 2008 edition.

3 The non-mandatory instruments, which the Sub-Committee may be called upon to review, include, as a minimum:

- .1 HSSC Guidelines, Procedures for port State control, fair treatment of seafarers, non-convention ship-related matter, etc.; and
- .2 any other recommendations and guidelines relevant to implementation.

4 Any other relevant issues referred to it by the Committees or other technical bodies of the Organization.

**PROPOSED PROVISIONAL AGENDA FOR 2014**

- Opening of the session and election of Chairman and Vice-Chairman for 2014
- 1 Adoption of the agenda
- 2 Decisions of other IMO bodies
- 3 Responsibilities of Governments and measures to encourage flag State compliance
- 4 Mandatory reports under MARPOL
- 5 Casualty analysis and statistics
- 6 Harmonization of port State control activities
- 7 PSC Guidelines on seafarers' hours of rest and PSC guidelines in relation to the Maritime Labour Convention, 2006
- 8 Development of guidelines on port State control under the 2004 BWM Convention
- 9 Comprehensive analysis of difficulties encountered in the implementation of IMO instruments
- 10 Review and update of the Survey Guidelines under the Harmonized System of Survey and Certification (HSSC) and the non-exhaustive list of obligations under instruments relevant to the IMO Instruments Implementation Code (III Code)
- 11 Consideration of IACS Unified Interpretations
- 12 Measures to protect the safety of persons rescued at sea
- 13 Illegal unregulated and unreported (IUU) fishing and related matters
- 14 Review of general cargo ship safety
- 15 Biennial agenda and provisional agenda for III 2
- 16 Election of Chairman and Vice-Chairman for 2015
- 17 Any other business
- 18 Report to the Committees

**PROPOSED ARRANGEMENTS FOR WORKING AND DRAFTING GROUPS FOR III 1  
AND CORRESPONDENCE GROUPS ASSIGNED TO THE III SUB-COMMITTEE\***

**PROPOSED INTERSESSIONAL WORKING GROUP**

- IWG 1** – Casualty Analysis and Statistics (agenda item 5)
- IWG 2** – Joint FAO/IMO Working Group on IUU Fishing and Related Matters

**PROPOSED WORKING GROUP ARRANGEMENTS**

- WG 1** – Review of the Survey Guidelines under the HSSC and the annexes to the Code for the Implementation of Mandatory IMO Instruments (agenda item 10)
- WG 2** – Harmonization of port State control activities (agenda items 6, 7 and 8)
- WG 3** – Comprehensive analysis of difficulties encountered in the implementation of IMO instruments (agenda item 9)

**PROPOSED DRAFTING GROUP ARRANGEMENTS**

- DG 1** – To be decided by FSI 21
- DG 2** – To be decided by FSI 21

**CORRESPONDENCE GROUP TO REPORT TO THE III SUB-COMMITTEE**

- CG 1** – Casualty Analysis and Statistics
- CG 2** – Review of the Survey Guidelines under the HSSC, and the annexes to the IMO Instruments Implementation (III) Code
- CG 3** – To be decided by FSI 21

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\* Expected arrangements for 2014 are subject to the recommendations of FSI 21.

<b>PROPOSED BIENNIAL AGENDA FOR IMPLEMENTATION OF IMO INSTRUMENTS (III)</b>					
<b>PLANNED OUTPUTS 2014-2015</b>					
<b>Number</b>	<b>Description</b>	<b>Parent organ(s)</b>	<b>Coordinating organ(s)</b>	<b>Associated organ(s)</b>	<b>Target completion year</b>
1.1.2.1	Preparation and holding of the third meeting of the Joint IMO/FAO Working Group on IUU fishing and related matters	MSC / MEPC	III		2015
1.1.2.2	Consideration of IACS unified interpretations	MSC / MEPC		III / NCSR / PPR / SDC / SSE / TOC	Continuous
1.1.2.5	Development of PSC guidelines on seafarers' hours of rest taking into account the Maritime Labour Convention, 2006	MSC	III		2014
1.1.2.23	Policy input/guidance to ILO: development of PSC guidelines in the context of the Maritime Labour Convention, 2006	MSC	III		Continuous
1.1.2.24	Preparation and holding of the third meeting of the Joint FAO/IMO Working Group on IUU Fishing and Related Matters (JWG)	MSC	III	SDC	2015
1.1.2.26	Policy input/guidance to PSC regimes: related IMO developments	MSC / MEPC	III		Continuous
2.0.1.8	Additional guidelines for implementation of the BWM Convention, including port State control	MEPC	PPR	III	2015
2.0.1.19	Comprehensive review of issues related to the responsibilities of Governments and development of measures to encourage flag State compliance	MSC / MEPC		III	Continuous
2.0.1.21	Summary reports and analyses of mandatory reports under MARPOL	MEPC	Secretariat	III	Continuous
2.0.2.1	Review of the consolidated audit summary reports and making the III Code and auditing mandatory	Assembly	Council	MSC / MEPC / III	2015

Number	Description	Parent organ(s)	Coordinating organ(s)	Associated organ(s)	Target completion year
4.0.2.2	Development and management of mandatory IMO number schemes	MSC	III	Secretariat	Continuous
4.0.2.3	Protocols on data exchange with other international, regional and national data providers	MSC / MEPC / FAL / LEG / TCC	III	Secretariat	Continuous
5.2.1.18	Development of a non-mandatory instrument on regulations for non-convention ships	MSC	III		2015
5.2.1.19	Review and update of the Survey Guidelines under the Harmonized System of Survey and Certification and the annexes to the Code for the Implementation of Mandatory IMO Instruments	MSC / MEPC	III		2015
5.3.1.2	Review of procedures for PSC	MSC / MEPC	III		2015
5.3.1.4	Promote the harmonization of PSC activities	MSC / MEPC	III		Continuous
5.3.1.5	Methodology for the in-depth analysis of annual PSC reports	MSC / MEPC	III		2015
5.3.1.6	A risk assessment comparison between marine casualties and incidents and PSC inspections	MSC / MEPC	III		Continuous
7.1.3.1	Reports on inadequacy of port reception facilities	MEPC	III		Annual
7.1.3.2	Follow-up to the implementation of the Action Plan on port reception facilities	MEPC	III		2015
12.1.2.1	Collection and analysis of casualty and PSC data to identify trends and develop knowledge and risk-based recommendations	MSC	III	HTW / NCSR / PPR / SDC / SSE / TOC	Continuous
12.3.1.1	Guidance on the development of GISIS and on access to information	MSC / MEPC	III		Continuous
12.3.1.2	PSC data collected and disseminated in cooperation with PSC regimes	MSC	III		Annual
13.0.2.1	Guidance for the Secretariat on the development of GISIS and on access to information	MEPC	III		Continuous

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## ANNEX 7

### SUB-COMMITTEE ON HUMAN ELEMENT, TRAINING AND WATCHKEEPING (HTW)\*

#### PROPOSED TERMS OF REFERENCE

1 Under the direct instructions of the Maritime Safety Committee and as may be requested by the Marine Environment Protection Committee, the Sub-Committee on Standards of Human Element, Training and Watchkeeping (HTW) will consider matters related to the following subjects, including the development of any necessary amendments to relevant conventions and other mandatory and non-mandatory instruments, as well as the preparation of new mandatory and non-mandatory instruments, guidelines and recommendations, taking into account the role of such measures in the protection of the marine environment, for consideration by the Committees, as appropriate:

- .1 minimum international standards for training and certification of seafarers;
- .2 principles of safe watchkeeping;
- .3 minimum international standards for training and certification of fishing vessel personnel;
- .4 maritime safety, security, and environmental protection culture in all ship operations;
- .5 review of the principles of safe manning of ships and training issues related to the human element taking into account technological, organizational and social developments;
- .6 promotion of awareness of lessons learnt from the analysis of accident and incident reports and information;
- .7 review, updating and revision of IMO model courses;
- .8 promotion and implementation of the Organization's human element strategy, including the chain(s) of responsibility in maritime safety, security and environmental protection;
- .9 coordination with relevant UN bodies, IGOs and NGOs on international standards related to the training and certification of seafarers;
- .10 revision/development of relevant guidelines relating to training of seafarers issues, such as maritime safety, security and protection of the marine environment; and
- .11 any other relevant issues referred to it by the Maritime Safety Committee, the Marine Environment Protection Committee and their subsidiary bodies, as authorized or directed by these Committees.

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\* An alternative name has also been provided for consideration.

2 The conventions and other mandatory instruments referred to above include, as a minimum:

- .1 1978 STCW Convention, as amended;
- .2 1995 STCW-F Convention;
- .3 1974 SOLAS Convention and associated Codes (as appropriate) and the 1988 Protocol relating thereto;
- .4 MARPOL annexes, as appropriate;
- .5 1977 Torremolinos International Convention for the Safety of Fishing Vessels, as modified by the 1993 Protocol relating thereto, as appropriate;
- .6 STCW Code;
- .7 1966 Load Line Convention and the 1988 Protocol relating thereto; and
- .8 1969 Tonnage Convention.

3 The non-mandatory instruments, which the Sub-Committee may be called upon to review, include, as a minimum:

- .1 Code for the Construction and Equipment of Mobile Offshore Drilling;
- .2 Units, 2009 (2009 MODU Code); and
- .3 Principles of Safe Manning.

4 Any other relevant issues referred to it by the Committees or other technical bodies of the Organization.



**PROPOSED PROVISIONAL AGENDA FOR 2014**

- Opening of the session and election of Chairman and Vice-Chairman for 2014
- 1 Adoption of the agenda
- 2 Decisions of other IMO bodies
- 3 Validation of model training courses
- 4 Unlawful practices associated with certificates of competency
- 5 Casualty analysis
- 6 Development of an e-navigation strategy implementation plan
- 7 Development of guidance for the implementation of the 2010 Manila Amendments
- 8 Clarification of the 1995 STCW-F Convention provisions and follow-up action to the associated Conference resolutions
- 9 Development of guidelines for wing-in-ground craft
- 10 Guidelines on safety when transferring persons at sea
- 11 Development of guidance for personnel involved with tug-barge operations
- 12 Revised Guidelines for model course development, updating and validation processes
- 13 Development of a mandatory Code for ships operating in polar waters
- 14 Review and modernization of the Global Maritime Distress and Safety System
- 15 Review of general cargo ship safety
- 16 Review of STCW passenger ship specific safety training
- 17 Training in hot work procedures on crude oil tankers
- 18 Biennial agenda and provisional agenda for HTW 2
- 19 Election of Chairman and Vice-Chairman for 2015
- 20 Any other business
- 21 Report to the Maritime Safety Committee

**PROPOSED ARRANGEMENTS FOR WORKING AND DRAFTING GROUPS FOR HTW 1  
AND CORRESPONDENCE GROUPS ASSIGNED TO THE HTW SUB-COMMITTEE\***

**PROPOSED WORKING GROUP ARRANGEMENTS**

- WG 1** – Development of guidance for the implementation of the 2010 Manila Amendments (agenda items 7, 9, 11 and 12)
- WG 2** – Development of an e-navigation strategy implementation plan (agenda item 6)
- WG 3** – Role of the human element (agenda items: 10, 13, 15, 16 and 17)

**PROPOSED DRAFTING GROUP ARRANGEMENTS**

- DG 1** – Validation of model courses
- DG 2** – To be decided by STW 44

**CORRESPONDENCE GROUP TO REPORT TO THE HTW SUB-COMMITTEE**

- CG 1** – To be decided by STW 44
- CG 2** – To be decided by STW 44
- CG 3** – To be decided by STW 44

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\* Expected arrangements for 2014 are subject to the recommendations of STW 44.

PROPOSED BIENNIAL AGENDA FOR HUMAN ELEMENT, TRAINING AND WATCHKEEPING (HTW)					
PLANNED OUTPUTS 2014-2015					
Number	Description	Parent organ(s)	Coordinating organ(s)	Associated organ(s)	Target completion year
5.2.1.17	Development of a mandatory Code of ships operating in polar waters	MSC / MEPC	SDC	HTW / III / NCSR / PPR / SSE / TOC	2014
5.2.1.22	Promotion of the implementation of the 1995 STCW-F Convention	MSC	HTW		Continuous
5.2.2.1	Development of guidance for the implementation of the 2010 Manila Amendments	MSC	HTW		2014
5.2.2.3	Validated model training courses	MSC	HTW		Continuous
5.2.2.4	Unlawful practices associated with certificates of competency	MSC	HTW		Annual
5.2.2.9	Development of guidance for personnel involved with tug-barge operations	MSC	HTW	SSE	2014
5.2.2.11	Proposed amendments to the STCW Code's colour vision requirement.	MSC	HTW		2014
5.2.5.7	High-level review approved and Draft detailed review completed of the Global Maritime Distress and Safety System (GMDSS)	MSC	NCSR	HTW	2014
5.2.6.1	Development of an e-navigation strategy implementation plan	MSC	NCSR	HTW	2015
5.4.1.1	Guidelines on how to present relevant information to seafarers	MSC / MEPC	HTW		2015
12.1.2.1	Casualty analysis	MSC	III	HTW / NCSR / PPR / SDC / SSE / TOC	Continuous
12.2.1.3	Enhancing efficiency and user-friendliness of ISM Code	MSC / MEPC	HTW		2015

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**ANNEX 8**

**PROPOSED PRELIMINARY DRAFT PROGRAMME OF MEETINGS FOR 2014\***

<b>January</b>	1 – 3 (1st, New Year) 6 – 10 13 – 17 20 – 24 PPR 1 27 – 31	<b>July</b>	(30) – 4 TCC 64 7 – 11 C 112 14 – 18 21 – 25
<b>February</b>	3 – 7 SSE 1 10 – 14 17 – 21 NCSR 1 24 – 28	<b>August</b>	(28) – 1 4 – 8 11 – 15 18 – 22 25 – 29 (25th, Summer Bank holiday)
<b>March</b>	3 – 7 III 1 10 – 14 17 – 21 SDC 1 24 – 28	<b>September</b>	1 – 5 8 – 12 FAL 39 15 – 19 22 – 26 TOC 1
<b>April</b>	(31) – 4 MEPC 66 7 – 11 14 – 18 (18th, Good Friday) 21 – 25 (21st, Easter Monday)	<b>October</b>	(29) – 3 6 – 10 13 – 17 MEPC 67 20 – 24 27 – 31
<b>May</b>	(28) – 2 LEG 101 5 – 9 (5th, May Day) 12 – 16 MSC 93} (14-23 May) 19 – 23 MSC 93} 26 – 30 (26th, Spring Bank Holiday)	<b>November</b>	3 – 7 C 113 10 – 14 17 – 21 24 – 28 MSC 94
<b>June</b>	2 – 6 9 – 13 16 – 20 HTW 1 23 – 27	<b>December</b>	1 – 5 8 – 12 15 – 19 22 – 26 (25th and 26th, Christmas)

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\* This sample meeting programme is provided for illustrative purposes only and is subject to change. List does not include specialist groups (e.g. FSA, ESPH, E&T, CWSP, ORPC-HNS, etc.).