

**PROVISIONAL AGENDA OF THE TENTH MEETING
OF THE WWNWS SUB COMMITTEE (WWNWS10)**

To be held IHO, Monaco
27 – 31 August 2018

1 OPENING REMARKS AND ADMINISTRATIVE ARRANGEMENTS

- .1 Opening Remarks and Introductions (**Chair**)
- .2 Welcome by the host (**SG/Director**)
- .3 Working Arrangements (**Secretary**)
- .4 Administrative Arrangements (**Host**)
- .5 Adoption of the Agenda (**Chair**)
- .6 Review of Action Items from WWNWS9 (**Secretary**)
- .7 Report from IRCC10 (**Chair**)

2 MATTERS RELATING TO THE GMDSS MASTER PLAN

- .1 IHO Update
- .2 IMO Update
- .3 IMSO Update
- .4 Review content of GMDSS Master Plan Annexes 7 & 8 (**Chair**)

3 PROMULGATION OF MARITIME SAFETY INFORMATION (MSI)

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 - .1 Outcome of the 99th Session of the International Maritime Organization's Committee on Maritime Safety (MSC99) 16 – 25 May 2018 (**Secretary**)
 - .2 Outcome of the 5th Session of the International Maritime Organization's Sub-Committee on Navigation, Communications and Search and Rescue (NCSR5) 19 – 23 February 2018 (including developments in the GMDSS Modernization and issues relevant to WWNWS and WWMIWS) (**Secretary**)
 - .3 Preparations for the 14th meeting of the IMO/ITU Experts Group IMO/ITU EG14) 3-7 September 2018 (including developments in the GMDSS Modernization and issues relevant to WWNWS and WWMIWS) (**Secretary**)
- .2 Self Assessments by NAVAREA Coordinators (*Brief reports highlighting only significant events in previous period, identified deliverables/outputs and matters requiring WWNWS-SC action, full reports can be downloaded from the WWNWS-SC website*)
 - .1 Quality Management Analyses of Self Assessments (**Secretary**)
- .3 Broadcast Systems and Services
 - .1 NAVTEX issues
 - .1 Report of the IMO NAVTEX Coordinating Panel
 - .2 NAVTEX Service areas issues
 - .2 Report of the International SafetyNET Coordinating Panel
 - .3 WMO Activities
 - .1 WMO Liaison Report
 - .4 IOC Liaison Report, including TOWS-WG issues (**IOC**)
 - .5 Contingency Planning (**Chair**)

- .4 Developments in the WWNWS
 - .1 Inmarsat-C EGC SafetyNET Report
 - .2 S-124 progress and IMO-IHO HGDM engagement (Chair S-124CG)
 - .3 Display of navigational warnings – EfficienSea 2, Canada, France, USA
- .5 Emerging Technologies/Modernisation
 - .1 Up-date for new satellite service providers – Iridium
 - .2 Interoperability between recognized GMDSS mobile satellite service providers (Chair/Secretary)

4 REVIEW OF GUIDANCE DOCUMENTS AND OTHER RELATED DOCUMENTATION

- .1 Document Review Status Report (Chair/Secretary DRWG)
- .2 IMO Resolutions A.705(17) as amended and A.706(17) as amended (MSC.1/Circ.1287 and MSC.1/Circ.1288 respectively) (Chair/Secretary DRWG)
- .3 WMO - IMO resolution on Met-ocean services Assembly resolution A.1051(27)
- .4 IMO resolutions MSC.306(87) and A.664(16) "Performance Standards for Enhanced Group Call Equipment". (Chair/Secretary DRWG)
- .5 IMO "Guideline on operational procedures for the broadcast of maritime safety information concerning acts of piracy and piracy counter-measure operations." (IMO resolution MSC.305(87) (Chair/Secretary DRWG)
- .6 Joint IMO/IHO/WMO Manual on MSI (MSC.1/Circ.1310) and IHO Publication S-53 (Chair/Secretary DRWG)
- .7 International SafetyNET Manual (MSC.1/Circ.1364) (Chair/Secretary DRWG)
- .8 IMO NAVTEX Manual (MSC/Circ.1403) (Chair/Secretary DRWG)
- .9 Relations between NAVAREA Coordinators and Rescue Coordination Centres (COMSAR/Circ.3)
- .10 Inmarsat SafetyNET Users' Handbook (Chair/Secretary DRWG)
- .11 IAM SAR Manual Volume 2 (IMO)
- .12 MSI element of IHO Publication C-55 – "Status of Hydrography and Nautical Cartography World-Wide". (Chair/Secretary DRWG)
- .13 Iridium Guidance Manual – draft (Iridium)
- .14 Terms of Reference for the WWNWS Sub Committee (IHO Circular Letter 46/2009) (Chair/Secretary DRWG)

5 WWNWS REPRESENTATION AT REGIONAL HYDROGRAPHIC COMMISSIONS AND OTHER CONFERENCES

- .1 WWNWS member attendance at RHCs and reports (Chair)
- .2 Capacity Building MSI Training Course Developments (Chair)
 - .1 Discussion of on-line MSI Training Course
 - .2 Discussion of attendance criteria and student selection;
 - .3 Discussion on input from partner Organizations involved in the provision of MSI (IMO, WMO, IOC)
- .3 WWNWS CD-ROM (Chair)

6 NEXT MEETING

- .1 Dates and venue for WWNWS11 – Canada, 26-30 August 2019 (tbc)
(Chair/Secretary)
- .2 Draft Agenda for WWNWS11 (Chair/Secretary)
- 7 Review of Action Items from WWNWS10 (Secretary)**
- 8 ANY OTHER BUSINESS (Chair)**
- 9 CLOSURE OF THE MEETING (Chair)**

Joint METAREA-NAVAREA Coordinators Discussion

The participants in this session will have the opportunity to strengthen the coordination within the NAVAREA-METAREA for MSI issues and GMDSS support, and to get the feedback or support for full implementation of WWNWS and World-Wide Met-ocean Information and Warning Service (WWMIWS) in a coordinated fashion.

Items underlined in the agenda will provide the main focus for the joint session; the participants will be presented with reports by representatives of IMO, WMO, IHO and IMSO on overall activities and actions in relation with MSI and the GMDSS. Focus will be to provide information relevant for the Issuing Services (identification of non-appropriate practices for navigational MSI and Metocean MSI prepared for SafetyNET or NAVTEX broadcasts, suggested improvements, expected or planned evolutions or emerging technologies with potential consequences for the NMHS issuing GMDSS and MSI). In particular, Inmarsat C System (including focus on Arctic areas, information on the new System Definition Manual), potential new provider for service transmission and associated impacts, the implementation of the GMDSS in Arctic NAVAREAs/METAREAs, brief overview of the revision cycle of the IMO/IHO/WMO joint documentation process and the GMDSS modernization will be of value. In addition information on Capacity Building initiatives and approach will be provided for consideration and discussion.

**PROVISIONAL AGENDA OF THE SECOND JOINT SESSIONS
OF THE IHO WWNWS SUB-COMMITTEE (WWNWS-SC) AND WMO WWMIWS**

**To be held in Monaco
27 & 31 August 2018**

1 OPENING REMARKS AND ADMINISTRATIVE ARRANGEMENTS

- .1 Opening Remarks and Introductions – **Chairs**
- .2 Administrative Arrangements – **Hosts**
- .3 Adoption of the Agenda – **Chairs**

2 ORGANIZATION BRIEFS

- .1 IHO introduction/structure/developments/activities – **IHB**
- .2 WMO introduction/structure/developments/activities – **WMO**
- .3 IMO introduction/structure/developments/activities – **IMO**
- .4 IMSO introduction/structure/developments/activities – **IMSO**

3 PROMULGATION OF MARITIME SAFETY INFORMATION (MSI)

- .1 .1 Outcomes of the 99th Session of the International Maritime Organization's Committee on Maritime Safety (MSC99) 16 – 25 May 2018 – **IHO**
- .2 Outcomes of the 5th Session of the International Maritime Organization's Sub-Committee on Navigation, Communications and Search and Rescue (NCSR5) 19 – 23 February 2018 – **IHO**
- .3 Preparations for the 14th meeting of the IMO/ITU Experts Group IMO/ITU EG14) 3-7 September 2018 – **IHO**
- .2 Broadcast Systems and Services
 - .1 Report of the IMO NAVTEX Coordinating Panel – **UK**
 - .2 Report of the IMO SafetyNET Coordinating Panel – **USA**
 - .3 Review of GMDSS Master Plan and Modernization – **IMO/Chair WWNWS**
 - .4 IOC Liaison Report, including TOWS-WG issues – **IOC**
 - .5 Contingency Planning – **Chairs**
- .3 Developments in the MSI Promulgation
 - .1 Inmarsat-C EGC SafetyNET Report – **Inmarsat**
 - .2 MSI Document Review Overview – **Chair WWNWS**
- .4 Emerging Technologies/Modernization
 - .1 New developments in service provision, including considerations on interoperability between recognized GMDSS mobile satellite service providers – **IMSO/Inmarsat/Iridium**
 - .2 Progress Developments on
 - .1 S-124 – **France**
 - .2 S-411 and S-412 – **WMO**
 - .3 e-navigation – **IMO**

4 CAPACITY BUILDING MSI TRAINING COURSE DEVELOPMENTS

- .1 Discussion of on-line MSI Training Course
- .2 Discussion of attendance criteria and student selection;
- .3 Discussion on input from partner Organizations involved in the provision of MSI (IMO, WMO, IOC)

5 ANY OTHER BUSINESS

6 CLOSURE OF THE MEETING – Chairs

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