## 10<sup>th</sup> Meeting of the IHO World-Wide Navigation Warning Service Sub-Committee (WWNWS-SC) and 1<sup>st</sup> Meeting of the WMO World-Wide Met-Ocean Information and Warning Service Committee (WWMIWS-C)

## <u>IHO, Monaco</u> 27 -31 August 2018

## Note:

27-28 and 31 Aug are the Joint WWNWS and WWMIWS meeting sessions

29-30 are the separate meeting sessions.

		27 August		
Time	Agenda	Event/Topic	Lead	Remarks
		Joint WWNWS and WWMIWS Session		
0900	1 1.1 1.2 1.3 1.4 1.5	Opening Remarks and Administrative Arrangements Welcome and Opening remarks Welcome by Host Working Arrangements Administrative Arrangements Adoption of the Joint Agenda	Chairs Director Chairs Sec Chairs/Sec	
0945	2 2.1 2.2 2.3 2.4 2.5	Matters Relating to the GMDSS Master Plan IHO Update WMO Update IMO Update IMSO Update Review contents of GMDSS Master Plan Annexes 7&8	IHO WMO IMO IMSO Chairs	
1045		Tea/coffee break		
1115	3 3.1.1 3.1.2 3.1.3	Promulgation of Maritime Safety Information Outcomes of MSC99 Outcomes of NCSR5 Review of agenda and preparations for IMO/ITU EG14 Maritime Services Portfolio description template	IHO IHO Chairs AUS/NZL	
1215		Official photograph	IHO	
1230		Lunch break		
1400	3 3.2.1 3.2.1.1 3.2.1.2 3.2.2	Promulgation of Maritime Safety Information NAVTEX issues IMO NAVTEX Coordinating Panel report NAVTEX Services International SafetyNET Coordinating Panel report	GBR GBR Chair IHO	
1515		Tea/coffee break		
1545	3 3.2.1 3.2.1.1 3.2.1.2 3.2.2	Promulgation of Maritime Safety Information (cont.) NAVTEX issues IMO NAVTEX Coordinating Panel report NAVTEX Services International SafetyNET Coordinating Panel report	GBR GBR Chair IHO	

3.3   Developments in GMDS2   Indium developments   Indium programe   Indium programe   AUS/NZI   Indium developments   Indium programe   AUS/NZI   Indium developments   Indium programe   AUS/NZI   Indium developments   AUS/NZI   AUS/NZI   Indium developments   AUS/NZI   Indium developments   AUS/NZI   AU					
3.3   Developments in GMDSS   1.1		3	Promulgation of Maritime Safety Information (cont.)		
183.1   Inmarsat services update		3.3			
1630				Inmarcat	
1630					
103					
3.3.4   Broadcast monitoring in a multi-provider environment	1630	3.3.3		IMSO	
a	1050				
1730   - Understanding the S-100 Registry		3.3.4	Broadcast monitoring in a multi-provider	AUS/NZL	
1730   - Understanding the S-100 Registry			environment		
mobile satellite service systems   TSSO		335	Interoperability issues between recognized GMDSS	A11	
1730   -   Understanding the S-100 Registry   TSSO     1800   -   IHO Reception on Terrace   28 August		0.0.0		1	
1745   -     Close	1720			TSSO	
Name		-		1550	
Time		-			
Time	1800	-		All	
3			28 August		
3	Time	Agenda	Event/Topic	Lead	Remarks
3.3   Developments in GMDSS   Inmarsat services update   Inmarsat   Iridium   Indium   IMSO					
13.3.1					
3.3.2   Iridium developments   Iridium   IMSO				<b>T</b>	
1130   3.3.3   Iridium operational implementation plan and programme   3.3.4   Broadcast monitoring in a multi-provider environment   3.3.5   Interoperability issues between recognized GMDSS mobile satellite service systems   All					
3.3.4   Programme   Broadcast monitoring in a multi-provider   AUS/NZL					
3.3.4   Broadcast monitoring in a multi-provider environment	0830	3.3.3	Iridium operational implementation plan and	IMSO	
13.3.5   Interoperability issues between recognized GMDSS mobile satellite service systems	0630		programme		
13.3.5   Interoperability issues between recognized GMDSS mobile satellite service systems		3.3.4	Broadcast monitoring in a multi-provider	AUS/NZL	
3.3.5   Interoperability issues between recognized GMDSS mobile satellite service systems					
Mobile satellite service systems		335		Δ11	
4 Review of guidance documents and other related document (cont.) 4.1 Document Review status report 4.2 A705(17) Chair IHO Inmarsat Chair IHO Chair IHO Inmarsat Iridium EGC System Manual Iridium EGC System Manual  1045  Tea/coffee break  4 Review of guidance documents and other related document (cont.) 4.1 Document Review status report 4.2 A705(17) Chair IHO Chair		3.3.3		All	
document (cont.)			· · · · · · · · · · · · · · · · · · ·		
4.1		4			
130   130			document (cont.)		
130   130		4.1	Document Review status report	IHO	
1045					
4.4 Joint IMO/IHO/WMO Manual on MSI 4.5 International SafetyNET Manual 4.6 IMO NAVTEX Manual 4.7 Inmarsat SafetyNET Users' Manual Iridium EGC System Manual  1045  Tea/coffee break  4 Review of guidance documents and other related document (cont.) 4.1 Document Review status report 4.2 A705(17) 4.3 MSC.306(87) and A.664(16) 4.4 Joint IMO/IHO/WMO Manual on MSI 4.5 International SafetyNET Manual 4.6 IMO NAVTEX Manual 4.7 Inmarsat SafetyNET Users' Manual 4.8 Iridium EGC System Manual  Tidium  5 Coordination between WWNWS and WWMIWS 5.1 International SafetyNET Users' Manual 4.8 Iridium EGC System Manual  5 Coordination between WWNWS and WWMIWS 5.1 Contingency planning for GMDSS broadcasts 5.2 Contingency planning for GMDSS broadcasts 5.3 Capitalising on developments in communication platform capabilities 5 Coordination mechanisms and best practise 5.6 Planning and coordination of preparations for IMO Member State audits					
4.5	0915				
4.6 IMO NAVTEX Manual Inmarsat SafetyNET Users' Manual Iridium  1045  Tea/coffee break  4 Review of guidance documents and other related document (cont.) 4.1 Document Review status report IHO 4.2 A705(17) Chair IHO/Inmarsat 4.3 MSC.306(87) and A.664(16) Chair IHO/Inmarsat 4.4 Joint IMO/IHO/WMO Manual on MSI 4.5 International SafetyNET Manual Chairs 4.6 IMO NAVTEX Manual Chairs 4.7 Inmarsat SafetyNET Users' Manual Inmarsat 4.8 Iridium EGC System Manual Iridium  5 Coordination between WWNWS and WWMIWS 5.1 Planning for periodic customer survey 5.2 Contingency planning for GMDSS broadcasts 5.3 Capitalising on developments in communication platform capabilities 5.4 Competency frameworks for MSI provision Platform capabilities 5.5 NAV/MET Area Coordinator contact and coordination mechanisms and best practise Planning and coordination of preparations for IMO Member State audits  Chairs Union Inmarsat Inmarsat Inmarsat/Iridium  Chair WMO					
1045   Tea/coffee break   Iridium EGC System Manual   Inmarsat Iridium					
1045   Tea/coffee break					
Tea/coffee break  4 Review of guidance documents and other related document (cont.) 4.1 Document Review status report 4.2 A705(17) Chair IHO 4.3 MSC.306(87) and A.664(16) Chair IHO/Inmarsat 4.4 Joint IMO/IHO/WMO Manual on MSI 4.5 International SafetyNET Manual 4.6 IMO NAVTEX Manual 4.7 Inmarsat SafetyNET Users' Manual 4.8 Iridium EGC System Manual  5 Coordination between WWNWS and WWMIWS 5.1 Planning for periodic customer survey 5.2 Contingency planning for GMDSS broadcasts 5.3 Capitalising on developments in communication platform capabilities 5 Competency frameworks for MSI provision 5.5 NAV/MET Area Coordinator contact and coordination mechanisms and best practise 5.6 Planning and coordination of preparations for IMO Member State audits  THO Chair IHO Chair IHO/Inmarsat Chairs Chairs Chairs Chairs Chairs Chairs/Inmarsat/Iridium Chairs Chairs/Inmarsat/Iridium Chairs Chairs/Inmarsat/Iridium Chairs Chairs/Inmarsat/Iridium Chairs Chairs/Inmarsat/Iridium Chairs Chairs/Inmarsat/Iridium Chairs		4.7		Inmarsat	
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5.6 Planning and coordination of preparations for IMO Chair WMO Member State audits		5.5		Chairs	
5.6 Planning and coordination of preparations for IMO Chair WMO Member State audits			coordination mechanisms and best practise		
Member State audits		5.6		Chair WMO	
1213   0   CB OVERVIEW USA	1017			TTO A	
	1215	б	CB overview	USA	

1230		Lunch		
		WWNWS-SC Meeting		
1400	1.1 1.2 1.3	Adoption of the Agenda Review of Action Items Report from IRCC10	Chair/Sec Chair/Sec Chair	
1430	2 2.1 2.1.1	Promulgation of Maritime Safety Information Self Assessment reports Quality Management Analyses of Self Assessments	All IHO	
1515		Tea/coffee break		
1545	2 2.1 2.1.1	Promulgation of Maritime Safety Information (cont.) Self Assessment reports Quality Management Analyses of Self Assessments	All IHO	
1700	-	Close		
		29 August		
Time	Agenda	Event/Topic	Lead	Remarks
0900	2 2.1 2.1.1	Promulgation of Maritime Safety Information (cont.) Self Assessment reports Quality Management Analyses of Self Assessments	All IHO	
1045		Tea/coffee break		
1115	2 2.3 2.2	Promulgation of Maritime Safety Information (cont.) Display of navigational warnings S-124 progress report	CAN/FRA/USA/JPN Chair S-124CG (CAN)	ADDT + TSSO to attend
1230		Lunch		
1400	3 3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.8 3.9 3.10 3.11 3.12 3.13 3.14	Review of guidance documents and other related document Document Review status report A705(17) and 706(17) A.1051(27) MSC.306(87) and A.664(16) MSC.305(87) Joint IMO/IHO/WMO Manual on MSI International SafetyNET Manual IMO NAVTEX Manual COMSAR/Circ.3 Inmarsat SafetyNET Users' Manual IAM SAR Manual Volume 2 IHO Publication C-55 Iridium ECG System Mannual ToRs and RoPs	IHO Chair WMO Chair/Inmarsat Chair/SONSAT Chair Chair Chair Chair Inmarsat IMO Chair Iridium IHO	
1515		Tea/coffee break		

1545	3 3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.8 3.9 3.10 3.11 3.12 3.13 3.14	Review of guidance documents and other related document (cont.) Document Review status report A705(17) and 706(17) A.1051(27) MSC.306(87) and A.664(16) MSC.305(87) Joint IMO/IHO/WMO Manual on MSI International SafetyNET Manual IMO NAVTEX Manual COMSAR/Circ.3 Inmarsat SafetyNET Users' Manual IAM SAR Manual Volume 2 IHO Publication C-55 Iridium ECG System Mannual ToRs and RoPs	IHO Chair WMO Chair/Inmarsat Chair/SONSAT Chair Chair Chair Chair Inmarsat IMO Chair Iridium IHO	
1700	-	Close		
		30 August		
Time	Agenda	Event/Topic	Lead	Remarks
0830	3 3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.8 3.9 3.10 3.11 3.12 3.13	Review of guidance documents and other related document (cont.)  Document Review status report  A705(17) and 706(17)  A.1051(27)  MSC.306(87) and A.664(16)  MSC.305(87)  Joint IMO/IHO/WMO Manual on MSI International SafetyNET Manual IMO NAVTEX Manual COMSAR/Circ.3 Inmarsat SafetyNET Users' Manual IAM SAR Manual Volume 2 IHO Publication C-55 Iridium ECG System Mannual ToRs and RoPs	IHO Chair WMO Chair/Inmarsat Chair/SONSAT Chair Chair Chair Inmarsat IMO Chair Iridium IHO	
1045		Tea/coffee break		
1115	4 4.1 4.1.1 4.2 4.2.1 4.2.2 4.2.3 4.3	RHC meetings and Capacity Building Attendance at RHC meetings and reports National Coordinator MSI reports CB MSI Training Course On-line MSI training course Attendance criteria and student selection for CB training Input from partner Organizations in provision of training WWNWS CD-ROM/USB	Chair/IHO AUS Chair Chair Chair Chair Chair	
1230		Lunch		

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	4	RHC meetings and Capacity Building		
	4.1	Attendance at RHC meetings and reports	Chair/IHO	
	4.1.1	National Coordinator MSI reports	AUS	
	4.2	CB MSI Training Course	Chair	
1220	4.2.1	On-line MSI training course	Chair	
1330	4.2.2	Attendance criteria and student selection for CB	Chair	
		training		
	4.2.3	Input from partner Organizations in provision of	Chair	
		training		
	4.3	WWNWS CD-ROM/USB	Chair	
1515		Tea/coffee break		
1545	7	Any other business	Chair/All	
	5			
	5 5.1	Next Meeting Dates and venue for WWNWS11	Chair/IHO CAN	
1615	5.1		CAN Chair/IHO	
1013		Draft agenda for WWNWS11 Review of Action Items from WWNWS9		
	6 8		Sec All	
	8	Closing Remarks	All	
1700	-	Close		
1900	-	No host Dinner (tbc)	All	venue tbc
		31 August		
Time	Agenda	Event/Topic	Lead	Remarks
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	Ü	Joint WWNWS and WWMIWS Session		
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	5 5.1	Joint WWNWS and WWMIWS Session	Chairs	
		Joint WWNWS and WWMIWS Session Coordination between WWNWS and WWMIWS	Chairs Chairs	
	5.1	Joint WWNWS and WWMIWS Session Coordination between WWNWS and WWMIWS Planning for periodic customer survey		
0000	5.1 5.2	Joint WWNWS and WWMIWS Session Coordination between WWNWS and WWMIWS Planning for periodic customer survey Contingency planning for GMDSS broadcasts	Chairs	
0900	5.1 5.2	Joint WWNWS and WWMIWS Session  Coordination between WWNWS and WWMIWS  Planning for periodic customer survey  Contingency planning for GMDSS broadcasts  Capitalising on developments in communication  platform capabilities	Chairs	
0900	5.1 5.2 5.3	Joint WWNWS and WWMIWS Session  Coordination between WWNWS and WWMIWS  Planning for periodic customer survey  Contingency planning for GMDSS broadcasts  Capitalising on developments in communication	Chairs WMO/Inmarsat/Iridium	
0900	5.1 5.2 5.3 5.4	Joint WWNWS and WWMIWS Session  Coordination between WWNWS and WWMIWS  Planning for periodic customer survey  Contingency planning for GMDSS broadcasts  Capitalising on developments in communication  platform capabilities  Competency frameworks for MSI provision	Chairs WMO/Inmarsat/Iridium WMO	
0900	5.1 5.2 5.3 5.4	Joint WWNWS and WWMIWS Session  Coordination between WWNWS and WWMIWS  Planning for periodic customer survey  Contingency planning for GMDSS broadcasts  Capitalising on developments in communication  platform capabilities  Competency frameworks for MSI provision  NAV/MET Area Coordinator contact and	Chairs WMO/Inmarsat/Iridium WMO	
0900	5.1 5.2 5.3 5.4 5.5 5.6	Joint WWNWS and WWMIWS Session  Coordination between WWNWS and WWMIWS  Planning for periodic customer survey  Contingency planning for GMDSS broadcasts  Capitalising on developments in communication platform capabilities  Competency frameworks for MSI provision  NAV/MET Area Coordinator contact and coordination mechanisms and best practise  Planning and coordination of preparations for IMO  Member State audits	Chairs WMO/Inmarsat/Iridium WMO Chairs WMO	
0900	5.1 5.2 5.3 5.4 5.5	Joint WWNWS and WWMIWS Session  Coordination between WWNWS and WWMIWS  Planning for periodic customer survey  Contingency planning for GMDSS broadcasts  Capitalising on developments in communication  platform capabilities  Competency frameworks for MSI provision  NAV/MET Area Coordinator contact and  coordination mechanisms and best practise  Planning and coordination of preparations for IMO	Chairs WMO/Inmarsat/Iridium WMO Chairs	
0900	5.1 5.2 5.3 5.4 5.5 5.6	Joint WWNWS and WWMIWS Session  Coordination between WWNWS and WWMIWS  Planning for periodic customer survey  Contingency planning for GMDSS broadcasts  Capitalising on developments in communication platform capabilities  Competency frameworks for MSI provision  NAV/MET Area Coordinator contact and coordination mechanisms and best practise  Planning and coordination of preparations for IMO  Member State audits	Chairs WMO/Inmarsat/Iridium WMO Chairs WMO	
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	5.1 5.2 5.3 5.4 5.5 5.6	Joint WWNWS and WWMIWS Session  Coordination between WWNWS and WWMIWS  Planning for periodic customer survey  Contingency planning for GMDSS broadcasts  Capitalising on developments in communication platform capabilities  Competency frameworks for MSI provision  NAV/MET Area Coordinator contact and coordination mechanisms and best practise  Planning and coordination of preparations for IMO  Member State audits  CB overview (cont.)	Chairs WMO/Inmarsat/Iridium WMO Chairs WMO USA	
0945	5.1 5.2 5.3 5.4 5.5 5.6	Joint WWNWS and WWMIWS Session Coordination between WWNWS and WWMIWS Planning for periodic customer survey Contingency planning for GMDSS broadcasts Capitalising on developments in communication platform capabilities Competency frameworks for MSI provision NAV/MET Area Coordinator contact and coordination mechanisms and best practise Planning and coordination of preparations for IMO Member State audits CB overview (cont.) Any Other Business IOC Tsunami Early Warning Systems up-date	Chairs WMO/Inmarsat/Iridium WMO Chairs WMO USA	
0945	5.1 5.2 5.3 5.4 5.5 5.6 6 7 7.1	Joint WWNWS and WWMIWS Session  Coordination between WWNWS and WWMIWS Planning for periodic customer survey Contingency planning for GMDSS broadcasts Capitalising on developments in communication platform capabilities Competency frameworks for MSI provision NAV/MET Area Coordinator contact and coordination mechanisms and best practise Planning and coordination of preparations for IMO Member State audits CB overview (cont.) Any Other Business IOC Tsunami Early Warning Systems up-date Tea/coffee break Any other business	Chairs WMO/Inmarsat/Iridium WMO Chairs WMO USA IOC Chair/All	
0945 1015 1045	5.1 5.2 5.3 5.4 5.5 5.6 6 7 7.1	Joint WWNWS and WWMIWS Session  Coordination between WWNWS and WWMIWS Planning for periodic customer survey Contingency planning for GMDSS broadcasts Capitalising on developments in communication platform capabilities Competency frameworks for MSI provision NAV/MET Area Coordinator contact and coordination mechanisms and best practise Planning and coordination of preparations for IMO Member State audits CB overview (cont.) Any Other Business IOC Tsunami Early Warning Systems up-date  Tea/coffee break  Any other business Next Meeting	Chairs WMO/Inmarsat/Iridium WMO Chairs WMO USA IOC Chair/All Chairs	
0945	5.1 5.2 5.3 5.4 5.5 5.6 6 7 7.1	Joint WWNWS and WWMIWS Session  Coordination between WWNWS and WWMIWS Planning for periodic customer survey Contingency planning for GMDSS broadcasts Capitalising on developments in communication platform capabilities Competency frameworks for MSI provision NAV/MET Area Coordinator contact and coordination mechanisms and best practise Planning and coordination of preparations for IMO Member State audits CB overview (cont.) Any Other Business IOC Tsunami Early Warning Systems up-date  Tea/coffee break  Any other business  Next Meeting Review of Action Items from Joint Session	Chairs WMO/Inmarsat/Iridium  WMO Chairs  WMO  USA IOC  Chair/All  Chairs Sec	
0945 1015 1045 1100	5.1 5.2 5.3 5.4 5.5 5.6 6 7 7.1	Joint WWNWS and WWMIWS Session  Coordination between WWNWS and WWMIWS Planning for periodic customer survey Contingency planning for GMDSS broadcasts Capitalising on developments in communication platform capabilities Competency frameworks for MSI provision NAV/MET Area Coordinator contact and coordination mechanisms and best practise Planning and coordination of preparations for IMO Member State audits CB overview (cont.) Any Other Business IOC Tsunami Early Warning Systems up-date  Tea/coffee break  Any other business  Next Meeting Review of Action Items from Joint Session Closing Remarks	Chairs WMO/Inmarsat/Iridium WMO Chairs WMO USA IOC Chair/All Chairs	
0945 1015 1045	5.1 5.2 5.3 5.4 5.5 5.6 6 7 7.1	Joint WWNWS and WWMIWS Session  Coordination between WWNWS and WWMIWS Planning for periodic customer survey Contingency planning for GMDSS broadcasts Capitalising on developments in communication platform capabilities Competency frameworks for MSI provision NAV/MET Area Coordinator contact and coordination mechanisms and best practise Planning and coordination of preparations for IMO Member State audits CB overview (cont.) Any Other Business IOC Tsunami Early Warning Systems up-date  Tea/coffee break  Any other business  Next Meeting Review of Action Items from Joint Session	Chairs WMO/Inmarsat/Iridium  WMO Chairs  WMO  USA IOC  Chair/All  Chairs Sec	

## Notes:

- 1.
- UN identification letter codes used for countries.

  Dress casual for working sessions from Tuesday 28 onwards. 2.