



## WORLD-WIDE NAVIGATIONAL WARNING SERVICE – SUB-COMMITTEE

WWNWS-SC Letter No. 1/2018

14 March 2018

### **10<sup>th</sup> Meeting of the World-Wide Navigational Warning Service Sub Committee (WWNWS10)**

Dear Colleagues:

As previously announced in September 2017, the Tenth Meeting of the WWNWS-SC will be held 27 - 31 August 2018 at the offices of the International Hydrographic Organization (IHO) in Monaco. It is anticipated this meeting will be held in parallel with the first meeting of the World-Wide Met-Ocean Information and Warning Service Committee (WWMIWS) of the World Meteorological Organization (WMO), so that further progress can be made in developing the liaison between NAVAREA and METAREA Coordinators and all participants can benefit from relevant joint discussions. In addition it is hope a representative of the Intergovernmental Oceanographic Commission (IOC) of UNESCO will participate to discuss promulgation of tsunami warnings. As I anticipate full agenda with discussions concluding late on the last day, I encourage you to make your travel arrangements to depart on Saturday 1 September 2018 or later.

Details of hotels available in the Monaco area are available on the IHO web site:

[https://www.iho.int/srv1/index.php?option=com\\_content&view=article&id=386&Itemid=304&lang=en](https://www.iho.int/srv1/index.php?option=com_content&view=article&id=386&Itemid=304&lang=en).

Please note that there is a large demand for hotels at this time of year. The IHO has obtained preferential rates for reservations for the meeting at six hotels, and details are attached, Enclosure 2. There is a need to book early and if you wish to reserve rooms at the preferential rate, please use the attached form in order to ensure the quoted price. Please keep David Wyatt at the IHO ([adso@iho.int](mailto:adso@iho.int)) and Sarah Grimes at the WMO ([sgrimes@wmo.int](mailto:sgrimes@wmo.int)) informed of your travel and hotel arrangements.

The Provisional Agenda for the Meetings are being developed and will be uploaded to the WWNWS section of the IHO website in due course, along with a more detailed programme. Templates for submitting papers to the WWNWS-SC meeting are available for download from the WWNWS page of the IHO web site at: [https://www.iho.int/mtg\\_docs/com\\_wg/CPRNW/WWNWS10/WWNWS10.htm](https://www.iho.int/mtg_docs/com_wg/CPRNW/WWNWS10/WWNWS10.htm).

Please note that all documents should use the WWNWS10 document template with the exception of NAVAREA Self Assessments under Agenda Item 3.2 which should use the Self Assessment Template. Documents should be numbered WWNWS10\_Y/Y/Y-X where Y/Y/Y are the Agenda Item number. For example a paper that deals with the NAVTEX Issues which is Agenda Item 3.3.1 should therefore be numbered WWNWS 7\_3/3/1.X. X will be a sequential number allocated by David Wyatt as papers are received. Self Assessments by NAVAREA Co-ordinators should be numbered WWNWS10\_3/2-X where in this case "X" is the NAVAREA number. It is important that documents are submitted in "Word" format and not as pdf files, any documents for up-loading, submitted in pdf format, will be returned to the originator for re-submission. David Wyatt will convert them to pdf files before they are loaded on to the WWNWS9 web page.

Please note that for Agenda Item 3.2 "Self Assessments by NAVAREA Co-ordinators", NAVAREA Co-ordinators should prepare a NAVAREA assessment paper using the document template mentioned above and should outline existing and planned navigational warning facilities, both SafetyNET and NAVTEX, in their NAVAREA to meet the requirements of the GMDSS. Note there have been some minor amendments to the previous template, so it is important you use the version provided on the WWNWS10 webpage.

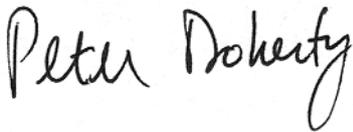
I also ask all members to review the current List of WWNWS Action Items, Enclosure 6, and available from the WWNWS10 web page, where it is updated as new information is provided. Please provide

David Wyatt with updated information as soon as it is appropriate and be ready to report on progress at the meeting.

The deadline for the submission of papers for consideration at the meeting is **27 July 2018**; please note this is not a target date. All documents will be posted on the above website as soon as possible after their receipt by the IHO Secretariat.

Anyone who requires a personal letter of invitation in order to obtain a visa to enter France is requested to inform Caroline Fontanili and David Wyatt as early as possible, see Logistic Information (Enclosure 1). If there are any other concerns, please feel free to contact me otherwise I look forward to seeing you in Monaco.

Very Best Regards,

A handwritten signature in black ink that reads "Peter Doherty". The signature is written in a cursive, slightly slanted style.

**PETER DOHERTY**

**CHAIRMAN WWNWS-SC**

Enclosures:

1. Logistic information.
2. Details of Hotels and rates.
3. Hotel booking form.
4. Novotel Booking form.
5. WWNWS10 registration form.
6. Current list of Actions from WWNWS9.

**10<sup>th</sup> Meeting of the World-Wide Navigational Warning Service Sub Committee**  
**(WWNWS10)**  
**27-31 August 2018**

**Logistic Information**

**1. Local information**

Principality of Monaco is a sovereign city state, located on the French Riviera in Western Europe. Located on the Mediterranean Sea, Monaco is surrounded by France on three sides. Nice, France, is the nearest large city at a distance of 11 miles (18 kilometres) and is the normal airport entry point for Monaco. Monaco is rocky and situated on steep hills that drop off into the Mediterranean. Part of the Côte d'Azur, Monaco's terrain and geography are typical of the north-western area of the Mediterranean. It has an area of 2.2 km<sup>2</sup> (0.85 sq. mi), and a population of 35,986, making Monaco the second smallest and the most densely populated country in the world. The official language is French, although Italian and English are widely spoken.

Monaco is divided into ten Wards : Les Revoires, La Colle, Fontvieille, Monaco Ville, Moneghetti, La Condamine, Saint Michel, Monte-Carlo, Saint Romain and Larvotto. Monaco-Ville, the old original town, which is on a rocky promontory extending into the sea; La Condamine, along the port; Monte-Carlo, the casino, residential and tourist area; and Fontvieille, a newly constructed residential and light industrial area on land reclaimed from the sea.

Monaco has a Mediterranean climate which is influenced by the oceanic climate and the humid subtropical climate. Situated in the heart of Mediterranean Europe, the Principality of Monaco enjoys a particularly mild climate, with more than 300 days of sunshine per year.

**2. Passports and visas**

Anyone wishing to enter into Principality of Monaco is required to pass through French territory. Those wishing to enter into and stay in Principality of Monaco must hold a valid passport, or travel document, bearing the stamps, visas and authorisations enabling them to enter and stay in France, in particular in the department of the Alps Maritime. Visa applications are to be made at the French Consulate or Embassy in their place of residence or any other signatory country of the Schengen agreement. Although the Principality of Monaco is an independent and Sovereign State, the border may be crossed without any formality.

All participants should check, well before they travel, whether they will need a visa to enter Principality of Monaco. There is no visa for Monaco; a French one is all that is required. It is strongly recommended that you apply well in advance for your visa. In principle all visitors must be able to show that they hold a return ticket.

If you need a letter of invitation to support your visa application please contact Caroline Fontanili ([pa@iho.int](mailto:pa@iho.int)), copied to David Wyatt ([adso@iho.int](mailto:adso@iho.int)).

**3. Local Travel Information**

Travelling from Nice Airport to Monaco. Prices given below are approximate and may be subject to change.

#### Bus service

The following regular NICE AIRPORT Express (Aéroport de Nice COTE D'AZUR) N° 110 , bus service between Nice Airport and Monaco, departs from Nice Airport (Terminal 1 + 2) every 1/2 hour between 8.45 and 22.00. This service, which travels to Monaco via the motorway (autoroute), takes approximately 45 minutes and costs 20 Euros per one way ticket. The service from Monaco to Nice Airport starts with the first bus departing at 06:45 then runs every 1/2 hour until 19:50. There are several pick-up/drop-off points in Monaco, which include: Allées Lumière (in front of the Park Palace), Place Sainte Dévote, Place d'Armes, Fontvieille (outside the Marriott Hotel) (ex-Ramada) and the Monte-Carlo (Casino) (the drop-off and pick-up nearest the Novotel). Participants should tell the driver at which hotel they are staying and he will confirm the name of the drop-off point.

For further information [http://en.nice.aeroport.fr/Passengers/Directions-and-parking/Getting-to-the-airport/Buses-Shuttles/Search-for-a-service/\(ville\)/48056#result-tarif](http://en.nice.aeroport.fr/Passengers/Directions-and-parking/Getting-to-the-airport/Buses-Shuttles/Search-for-a-service/(ville)/48056#result-tarif)

#### Taxi service

An all hours taxis service is available at Nice Airport. The journey between Nice Airport and Monaco takes approximately 1 hour, and costs approximately 95 Euros.

#### Taxi + Train

A slightly less costly option is to take a taxi to the main Nice train station (in French "La gare Nice-Ville"), where there is a regular train service to Monaco and beyond. Trains 'run' regularly between Nice and Menton. All stop at Nice-Riquier, Villefranche, Beaulieu, Monaco and Carnolés; stops at Èze, Cap d'Ail and Roquebrune are less frequent. As strikes, delays and cancellation are not unusual, it is recommend downloading the SNCF TER app, which will provide up to date train times, note the app is in French.

#### Regular Helicopter Service from Nice Airport to Monaco

There is a regular helicopter service, run by MONACAIR, between Nice Airport and Monaco. The journey takes 6 minutes and costs 160€ one way. This price includes minibus transfer between the Monaco Heli Airport, and your hotel (in the Monaco area). Tickets can be bought upon arrival at Nice Airport from the Monaco air desk, which is situated in the arrivals hall of the airport.

### **4. Accommodation**

The Secretariat has made arrangements with and has obtained preferential rates for reservations for the meeting at six hotels, details are in Enclosures 2 to 4. There is a need to book early and if you wish to reserve rooms at the preferential rate, please use the attached form in order to ensure the quoted price.

Details of hotels in Monaco and Beausoleil are available on the IHO website ([https://www.iho.int/srv1/index.php?option=com\\_content&view=article&id=386&Itemid=304&lang=en](https://www.iho.int/srv1/index.php?option=com_content&view=article&id=386&Itemid=304&lang=en)). Participants are required to make their own bookings directly with their selected hotel. Please note that there is a large demand for hotels at this time of year.

### **5. Electrical power**

The standard 2-wire plug used in Class II, ungrounded, applications is popularly known as the Europlug, which is described in CEE 7/16. It will mate with any socket that accepts 4.0–4.8mm round contacts on 19mm centres. This plug is generally limited for use in applications that require 2.5A or less. It is also unpolarized.

The Europlug power cord and cordset are designed for high-volume, end-consumer applications. If your application is above 2.5A, you should specify a Continental European power cord or cordset, see below.

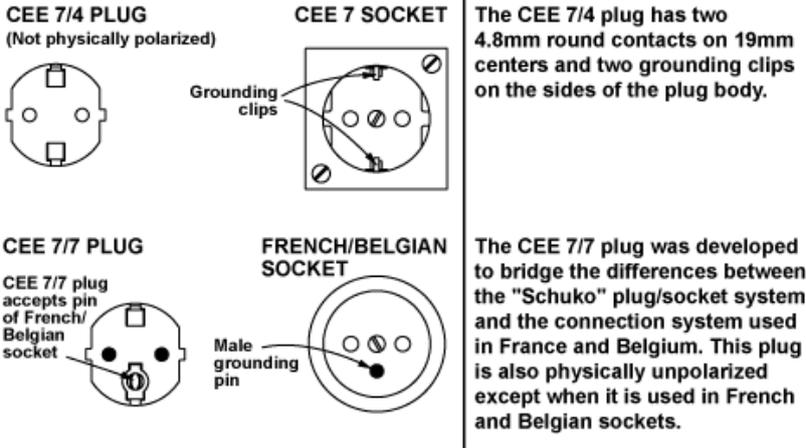


2.5A/230V/50Hz

The Continental European power cord or cordset:



2.5A/230V/50Hz



**6. Currency**

Monaco is not formally a part of the European Union (EU) or the Eurozone currency union; it does however participate in certain EU policies, including customs and border controls. Through its relationship with France, Monaco uses the euro (€) as its sole currency.

The six denominations of the notes range from €5 to €200 and, unlike euro coins, the design is identical across the whole of the Eurozone, although they are issued and printed in various member states. The 500€ note has been taken out of circulation and is no longer in use.

There are eight euro coin denominations, ranging from one cent to two euros (the euro is divided into a hundred cents). The coins first came into use in 2002. They have a common reverse, portraying a map of Europe, but each country in the Eurozone has its own design on the obverse, which means that each coin has a variety of different designs in circulation at once. Four European microstates, which use the euro as their currency, also have the right to mint coins with their own designs on the obverse side.



**WWNWS10-WWMIWS1 Block Reservations - Hotel Rooms**

WWNWS-SC and WWMIWS1 – 27-31 August 2018

<b>HOTELS</b>	<b>Price (Euros) Single room</b>	<b>Price (Euros) Double room</b>
<b>NOVOTEL Monte-Carlo***</b> 16 Bld Princesse Charlotte MC Tel : 377 99 99 8300 Fax : 377 99 99 8310 E-mail : h5275@accor.com	210 € Breakfast included	225 € Breakfast included
<b>Hotel Ambassador***</b> 10 avenue prince Pierre MONACO Tel : 377 97979696 Fax : 377 97979699 dulce@ambassadormonaco.com	200 € Breakfast included	220 € Breakfast included
<b>Hotel de France**</b> 6 rue de la Turbie MONACO Tel 37793302464 Fax 37792161334 hoteldefrance@monaco.mc	105 € Breakfast included	135 € Breakfast included
<b>Hotel Forum***</b> Place des Moneghetti 06240 Beausoleil Tel : 33 4 93 789636 Fax : 33 4 93789638 Forumhotel2@wanadoo.fr	160 € Breakfast included	190 € Breakfast included
<b>Hotel Olympia***</b> 17 Bis Bd G.Leclerc 06240 Beausoleil Tel : 33 4 93781270 Fax : 33 4 93418504 olympiahotel@hotmail.com	130 € Breakfast included	140 € Breakfast included
<b>Hotel CAPITOLE***</b> 19 Bld General leclerc 06240 beausoleil Tel : +33 493286565 fax : +33 493286569 E-mail : info@hotel-capitole.fr	169 € Breakfast included	189 € Breakfast included

1. Participants should make reservations directly with their selected hotel, please use the Booking Form attached for the Novotel.
2. The above rates are available from 25 August to 1 September.
3. The above rates are guaranteed until 25 June, thereafter it will be at the discretion of the individual hotel.
4. Participants should include 'IHO WWNWS-WWMIWS Meeting' in their booking to obtain the above rates.
5. Any queries or questions, please contact Lorène Chavagnas ([oa@iho.int](mailto:oa@iho.int) or +377.93.10.81.00) for assistance.

**WWNWS10 – WWMIWS1 MEETING  
MONACO, 27 - 31 August 2018**

**Hotel Reservation Form**

Name of the Hotel	Copy to the International Hydrographic Organization Fax : +377 93 10 81 40 E-mail : info@iho.int
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Name: \_\_\_\_\_

Government, Organization or Company: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Tel.: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Date of Arrival: \_\_\_\_\_

Date of Departure: \_\_\_\_\_

**Single Room**

**Double Room:**

**Double Bed**

**Twin beds**

Payment by credit card (caution one night): Number:

expiry date:

Type of credit card:

Card holder name:

Payment by cheque (caution one night): amount :

number:

Date: \_\_\_\_\_

Signature: \_\_\_\_\_



# NOVOTEL

HOTELS & RESORTS

16, Boulevard Princesse Charlotte  
MC 98 000 MONACO

**REGISTRATION FORM FOR YOUR ACCOMMODATION**

**«WWNWS - WWMIWS Meetings » 25<sup>th</sup> August – 1st September, 2018**

*Please complete this form and return it by fax or mail before the 25th June, 2018*

**By this document I confirm the following booking:** (type of room depends on availability)

Rooms	Description	Rates	Number of rooms
Superior Room city side	A modern spacious room with King bed, en suite bath/shower, sofa bed, large ergonomic work area, 26" LCD TV and internet access, broadband connection, hair dryer, mini-bar, tea/coffee.	210 €	

*Rates per night, for single room, including taxes and buffet Breakfast  
Additional cost for 2<sup>nd</sup> person in the room : 15 euros per night with buffet breakfast.  
Additional cost for superior room "garden side": 30 euros per night*

Last name: \_\_\_\_\_ First name: \_\_\_\_\_  
Telephone: \_\_\_\_\_ E-mail: \_\_\_\_\_  
Arrival date: \_\_\_\_\_ Departure date: \_\_\_\_\_ Number of nights: \_\_\_\_\_

**Booking Guarantee (full fill the following points):**

VISA                      AMERICAN EXPRESS                      EUROCARD/MASTERCARD                      DINER'S

Credit card n° \_\_\_\_\_  
Expiration date: \_\_\_\_\_ Owner name: \_\_\_\_\_

I hereby authorize the hotel to charge the above credit card for one night in case of no show, or cancellation of the stay after the 25<sup>th</sup> June, 2018.

(Rate of the room) \_\_\_\_\_ € x \_\_\_\_\_ nights x \_\_\_\_\_ room(s) = \_\_\_\_\_ €

DATE \_\_\_\_\_ SIGNATURE \_\_\_\_\_

**Hotel Confirmation:**

***For any further informations, please contact the reservations departement:***  
Tel : 377 99 99 83 32                      Fax : 377 99 99 83 15                      Mail : h5275-sb4@accor.com

**10<sup>th</sup> Meeting of the World-Wide Navigational Warning Service Sub-Committee (WWNWS10)  
IHO, Monaco, 27-31 August 2018**

**REGISTRATION FORM**

*[Please send this via e-mail to David Wyatt ([adso@iho.int](mailto:adso@iho.int)) before 30 June 2018]*

- Notes:** 1. Boxes will expand as you type your answers.  
2. See also 'Visiting the IHO Secretariat' on the IHO website.

**Member State/  
Organization**

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1. Contact Details:

Head or Member of delegation  
Rank or Title  
Family Name\*  
Given or Personal Name  
Position / Job title / Role  
Nationality  
Telephone  
E-mail  
Accompanying person(s)


\* Underline the name generally used in case of double surnames such as in Spanish-speaking countries

2. Travel Details (for administrative purpose only; participants are expected to make their own travel arrangements):

Your Arrival in Nice/France	Airport	
	Date	
	Flight Number	
	Airline	
	Arrival Time	

Your Departure from Nice/France	Airport	
	Date	
	Flight Number	
	Airline	
	Departure Time	

3. Hotel Information (Participants are expected to make their own accommodation arrangements)

Selected Hotel (circle selection)	1. Novotel Monte-Carlo	
	2. Hôtel Ambassador	
	3. Hôtel de France	
	4. Hôtel Forum	
	5. Hôtel Olympia	
	6. Hôtel Capitole	
	7. Other (please name)	

4. Other Delegate Information

Additional relevant information for meeting organisers:


Comments  
Date


**WWNWS9**  
**Cape Town, South Africa - 28 August to 1 September 2017**

**List of Actions (updated: 14 March 2018)**

Agenda Item	Subject	Status / Due Date	Comments	Action By
<b>WWNWS6 List of Actions</b>				
WWNWS6 3.2	NAVAREA XV Self-Assessment	<del>December 2014</del> WWNWS89	NAVAREA XV to transmit cancelation messages and serialise In-Force Bulletin messages <a href="#">On going</a>	NAVAREA XV/Chair
<b>WWNWS8 List of Actions</b>				
WWNWS8 1.7	IRCC8 Report	<del>15 November</del> JCOMM5	Submit proposed revised version of A.1051(27) to NCSR4. <a href="#">To be submitted to NCSR6</a>	WMO/IHO
WWNWS8 3.2	NAVAREA II Self Assessment	WWNWS9/10	Invite IMB to attend WWNWS9 or WWNWS10	Chair
WWNWS8 3.2	NAVAREA XV Self Assessment	WWNWS9	Discuss contingency planning and message structures with NAVAREA XV Coordinator	NAVAREA XV
WWNWS8 3.2	NAVAREA XX_XXI Self Assessment	WWNWS9	Discuss website link for In-Force Warning, which appears to link to NtM	NAVAREAs XX & XXI
WWNWS8 3.3.2	SafetyNET Coordinating Panel	WWNWS9/10	Invite IALA to attend WWNWS-SC meetings to ensure developments in new technology and VHF Data Exchange are highlighted to WWNWS S-C	Chair/IHO
WWNWS8 3.4.2	New satellite service providers	WWNWS9/10	Transition from rectangular area to NAVAREA specific addressing for the Arctic areas <a href="#">Review technology and establishment of terminals with both service providers</a>	Inmarsat/ <a href="#">Arctic NAVAREAs</a>
WWNWS8 4.1	Document Review Status Report	<del>DRWG15</del> <del>WWNWS9</del> DRWG17	Create text for “ <a href="#">broadcast</a> ” announcing the introduction of Iridium <a href="#">MSI</a> services	Chair
WWNWS8 4.8	SafetyNET Users’ Handbook	<del>DRWG15</del> <del>WWNWS9</del> DRWG17	Provided an update on the revision of the Inmarsat SafetyNET Users’ Handbook and the intended procedure to be followed. <a href="#">Revised version to be provided at WWNWS9 DRWG17</a>	Inmarsat

WWNWS9 List of Actions				
WWNWS9 2.4	GMDSS Master Plan	NCSR5	Validate Master Plan SafetyNET information provided for Annex 8	Chair/NAVARE A XV
WWNWS9 2.4	GMDSS Master Plan	On going	Encourage national coordinators to cross-check C-55 and GMDSS Master Plan information	All
WWNWS9 3.1	Outcomes of IMO Meetings	On going	Engage with IMO meetings and relevant Correspondence Groups	All
WWNWS9 3.2	Self Assessment reports	DRWG167	Develop generic note for inclusion on email requests for MSI	Chair
WWNWS9 3.2	Self Assessment reports	1 September	Stop misuse of NAVTEX system and B1 character, including cancelling of externally issued messages	CYP/GRC/TUR
WWNWS9 3.2	Self Assessment reports	NCSR5	Individually provide NAVTEX service area information, if appropriate, to IMO for consideration and validation, as necessary	CYP/GRC/TUR
WWNWS9 3.2	Self Assessment reports	1 September	NAVAREA III to initiate bi-lateral discussions to ensure coordination of broadcasts and message content	NAVAREA III/CYP/ GRC/TUR
WWNWS9 3.2	Self Assessment reports	1 September	Work through NAVAREA III Coordinator as the central point of contact on synchronisation of information provision	NAVAREA III/GRC /TUR
WWNWS9 3.2	Self Assessment reports	On going	Include details of annual contingency exercises in reports	IHO/All
WWNWS9 3.2	Self Assessment reports	DRWG167	Develop generic letter for use by NAVAREA Coordinators to encourage provision of MSI	Chair
WWNWS9 3.2	Self Assessment reports	29 September	Provide contact details of Angola to NAVAREA VII	Chair
WWNWS9 3.2	Self Assessment reports	WWNWS10	Engage with national coordinators to clarify need for MSI to be promulgated beyond national borders	NAVAREA XI
WWNWS9 3.2	Self Assessment reports	29 September Complete	Update contact details for NAVAREA XIII	IHO
WWNWS9 3.2	Self Assessment reports	WWNWS10	Progress implementation of contingency plan	NAVAREAs XV/XVI
WWNWS9 3.2	Self Assessment reports	WWNWS10	Investigate establishment of contingency plan	NAVAREAs IV-XII/XVI

WWNWS9 3.2	Self Assessment reports	WWNWS10	Share experiences and solutions during development of web based systems for publication of warnings	Chair S-124CG/All
WWNWS9 3.2	Self Assessment reports	WWNWS10	Transmission of test message for vessels to report position when received	NAVAREAs XVII-XVIII/XIX/XX-XXI
WWNWS9 3.2	Self Assessment reports	WWNWS10	Confirm information on equipment provided in report	Chair/NAVAREA A XX-XXI
WWNWS9 3.2.1	Quality Management Report	29 September	Provide feedback on comments raised	All
WWNWS9 3.2.1	Quality Management Report	29 September	Provide NAVAREA IV-XII presentation to MACHC for use as example for other RHC meetings	Chair/IHO
WWNWS9 3.3.1.1	IMO NAVTEX Coordinating Panel Report	WWNWS10	Confirm contents of most recent version of GMDSS Master Plan	All
WWNWS9 3.3.2.2	NTSB – El Faro	WWNWS10	Provide details of discussions with customers on change of warnings update cycle on SafetyNET	WMO
WWNWS9 3.4.1	Inmarsat-C EGC SafetyNET Report	<del>DRWG16</del> WWNWS10	Provide demonstration of SafetyNET II service	Inmarsat
WWNWS9 3.4.1	Inmarsat-C EGC SafetyNET Report	WWNWS10	Provide details on number of terminals capable and non-capable of upgrade to allow NAVAREA addressing in Arctic areas	Inmarsat
WWNWS9 3.4.2	<del>S-124CG Report</del>	<del>HSSC9</del> Complete	<del>Highlight the need to identify a suitable replacement as Chair of the S-124CG</del> <b>New chair nominated</b>	<del>IHO/Chair S-124CG</del>
WWNWS9 3.5.2	InteroperabilityCG	<del>DRWG16</del> WWNWS10	Develop draft ToRs, title, frequency and method of meetings and initial definition of InteroperabilityCG	USA
WWNWS9 4.2/4.3	<del>Document Review</del>	<del>JCOMM5</del> Complete	<del>Ensure revised definitions are reflected and transferred in the revision of A.1051(27)</del>	<del>WMO</del>
WWNWS9 4.2/4.3	Document Review	<del>DRWG16</del> WWNWS10	Provide example messages covering virtual aids to navigation	NAVAREA X
WWNWS9 4.2/4.3	<del>Document Review</del>	<del>NCSR5</del> Complete	<del>Report continuation of unannounced missile firings in NAVAREA XI and request compliance with A.706(17)</del>	<del>Chair</del>
WWNWS9 4.13	Document Review	<del>DRWG16</del> WWNWS10	Update METAREA graphic	WMO

WWNWS9 4.13	Document Review	<del>26 January</del> WWNWS10	<del>Provide feedback on draft Iridium EGC Manual</del> Reviewed and discussed at DRWG16, further review to be undertaken	All
WWNWS9 5.1	Regional Hydrographic Commission meetings	On going	Check dates of relevant RHC meetings and contact HO for provision of MSI report	All
WWNWS9 5.2	MSI Training	CBSC16	Clarify terms used to describe MSI training and personnel involved	IHO
WWNWS9 6.1	Next meeting	<del>15 December</del> Complete	<del>Confirm details of WWNWS10</del>	Chair/ IHO
WWNWS9 8	Action List	WWNWS10	Keep IHO and the Chair informed of progress with allocated actions	All
WWNWS9 8	<del>WWNWS9 Draft Report</del>	<del>8 September</del> Complete	<del>Draft to be circulated for comment</del>	IHO
WWNWS9 8	<del>WWNWS9 Draft Report</del>	<del>22 September</del> Complete	<del>All to provide comments on draft report</del>	All
WWNWS9 8	<del>WWNWS9 Draft Report</del>	<del>29 September</del> Complete	<del>Publish final report</del>	IHO
WWNWS9 8	Report to IRCC10	30 March	Draft report for review and amendment.	Chair/vice-Chair/IHO