

**11<sup>th</sup> S-123 Marine Radio Services Task Group (S-123TG) Meeting  
November 8, 2022 – Worldwide**

[Annex A: Agenda](#)

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[Web Resources](#)

[NIPWG Wiki: S-123](#)

[NIPWG Product Specifications Website](#)

**1.0 Opening Remarks**

BG opened the meeting and welcomed the participants.

**2.0 Approval of Agenda**

The agenda was adopted with no modifications.

**3.0 Approval of S-123TG10 Minutes**

The group approved the first draft of the meeting minutes as the final version.

**Action Item 01: BG to send finalized S-123TG10 minutes to the group.**

**Action Item 02: RM to upload finalized S-123TG10 minutes to the NIPWG Wiki.**

**Action Item 03: BG to send finalized S-123TG10 minutes to be uploaded to the NIPWG website.**

**4.0 Review of Action Items from S-123TG10**

Action Item	Action Description	Status
TG9/03	EM to send finalized S-123TG8 minutes to be uploaded to the NIPWG website.	<b>BG emailed Y. Guillam 2022-11-02</b>
TG9/04	JP to provide an updated description for the DCEG regarding GMDSSArea (emphasis on administrative boundaries) <i>(Wait for discussion at S-100WG in regard to overlapping coverage issue)</i>	<b>On Hold</b>
TG10/01	BG to send finalized S-123TG9 minutes to the group.	<b>Completed 2022-10-14</b>
TG10/02	RM to upload finalized S-123TG9 minutes to the NIPWG Wiki.	<b>Completed 2022-10-26</b>
TG10/03	EM to send finalized S-123TG9 minutes to be uploaded to the NIPWG website.	<b>BG emailed Y. Guillam 2022-11-02</b>
TG10/04	BG to add GNSS examples from India, Japan and China to the feedback document to be considered when formulating the new GNSS definition.	<b>Completed 2022-11-07</b>
TG10/05	BG to update the feedback document to note that NAVDAT and VDES should be included.	<b>Completed 2022-11-07</b>
TG10/06	SJC to create a proposal regarding the InmarsatOceanRegionArea and GMDSSArea and present at next task group meeting.	<b>Completed 2022-11-08</b>
TG10/07	RM to look at the modelling to see if the service provider is captured already and would only need to merge the attributes from the InmarsatOceanRegionArea and GMDSSArea and present findings at the next task group meeting.	<b>Completed 2022-11-08</b>

Action Item	Action Description	Status
TG10/08	<b>BG</b> to include the removal of the term “Nautical Publication Information Overlay” (NPIO) to the feedback document.	<b>Completed</b> 2022-11-07
TG10/09	<b>BG</b> to send email to the task group to schedule S-123TG11.	<b>Completed</b> 2022-10-21
TG10/10	<b>BG</b> to send draft of S-123TG10 minutes to the group for review.	<b>Completed</b> 2022-10-14

TG10/04:

- BG noticed that there is GALILEO by Europe. The group agreed that it should be added to the list of differential GNSS to be considered when writing up the proposed definition.

**Action Item 04: BG to add Europe’s GALILEO to the list of differential GNSS.**

TG10/06:

- SJC presented her proposal regarding the InmarsatOceanRegionArea and GMDSSArea that was suggested by NIPWG9 participants.
- MMSI is only found in ContactDetails, but is not in RadioStation, which means there is currently no way to encode MMSI details for GMDSSAreas (only related to RadioStation).
- GMDSSArea is defined by the country, so countryCode attribute should be added.
- JY commented that 7: SafetyNET (under Category of radio methods) is a brand name, and perhaps Enhanced Group Calling (EGC) would be a better name.
- Discussion whether (1) improving the list and definitions of the enumerated list (1 to 20) under Category of radio methods or (2) split into the proposed typeOfRadioService, frequencyBand, classOfEmission and communicationStandards, which allows for flexibility and granularity.
  - o But the latter would need to have validation checks to make sure what is encoded actually exists and the former is already validated as it is a specific enumerated list.
  - o RM mentioned that an analysis would need to be done to see the benefits of the proposed split of information versus a potential expanded enumerated list.
    - JY noted that Jakarta PKX may be a good example to test between the 2 options.
- HA and JP mention about the focus on what is user friendly as they will be the ones to update and manage the data.

**Action Item 05: SJC to send presentation to the group.**

TG10/07:

- RM presented his findings regarding service provider and relation to merging the InmarsatOceanRegionArea and GMDSSArea features.
- Proposal to associate GMDSSArea to ContactDetails, possibly create a new Authority that is associated with GMDSSArea, extend enumerations for telecommunicationService and use telcomCarrier to specify the service provider.

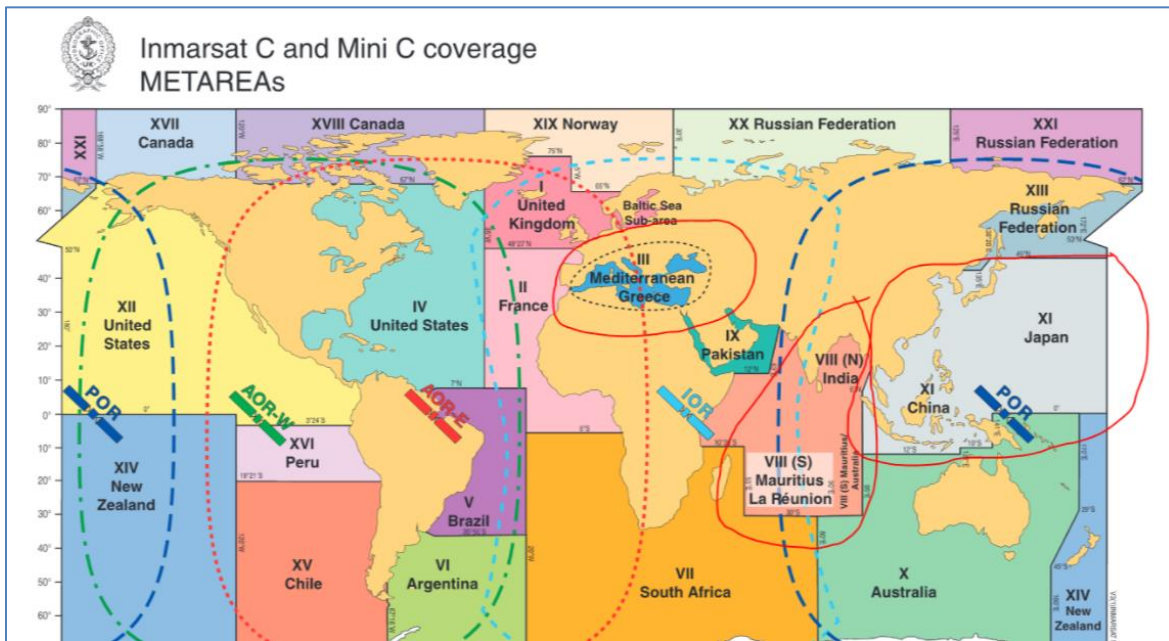
**Action Item 06: RM to send presentation to the group.**

BG noted to bring up this discussion at the next task group meeting.

### 5.0 Review of S-123 Feedback Submitted to Date

Goal is to go over the task group members' comments received via correspondence regarding the feedback received.

- Page 40: Navigational Meteorological Area
  - o Suggestion to distinguish NAVAREA from METAREA (possibly creating two (2) separate feature objects). Will need to make sure that the naming is obvious.
  - o May need to consider the situations for METAREAs III, VIII and XI:
    - Example #1: Japan is the authority of NAVAREA XI, but METAREA XI is coordinated between Japan and China for their specific regions.
    - Example #2: Greece is the authority for METAREA III, while Spain is the authority for NAVAREA III. (Noted that NAVAREA III and METAREA III do cover the same area.)
    - Example #3: METAREA VIII is split into North and South.
    - These examples demonstrate that there are issues with possible overlaps and lack of defined boundaries regarding these areas.



III	Greece <sup>1</sup>	1000, 2200	IOR	Operational
IV	Canada (Hudson Bay & Approaches)	0300 1500 <sup>5</sup>	AOR-E	On Trial
	United States	0430, 1030, 1630, 2230		On Trial
V	Brazil	0730, 1930		Planned
		Coastal Warnings for Amazon Basin and additional coastal areas		Planned
VI	Argentina	0230 1730		Planned
VII	South Africa	0940, 1940 <sup>2</sup>	AOR-E, IOR	On Trial
VIII(N)	India	0900, 1800 for N of 0°	POR, IOR	Planned
VIII(S)	Mauritius / Réunion	0130, 1330 for S of 0° 0000 <sup>3</sup> , 0600 <sup>3</sup> , 1200 <sup>3</sup> , 1800 <sup>3</sup> for S of 0°		Planned
	Australia	Warnings only for S of 0° and E of 90°E, issued as unscheduled broadcasts		Planned
IX	Pakistan	0700, 1900 <sup>6</sup>	IOR, POR	On Trial

**Action Item 07: BG to send latest version of the feedback document to the group.**

**6.0 Next Meeting**

**6.1 Actions to be Taken by Next Meeting**

- **Reminder: NIPWG 2022 VTC 3 input paper submission deadline: November 18, 2022**
- Continue discussions regarding GMDSSArea and InmarsatOceanRegionArea at TG12
- Discuss radiocommunications complex proposals at TG12 (if there is time)

**6.2 Next Meeting Dates:**

- **Potential dates for S-123TG12:** week of January 9 or week of January 16, 2023
- **Holidays:**
  - o November 11 (CAN, USA), November 24 & 25 (USA)
  - o December 25 (CAN, GBR, USA), 26 (CAN, DEU, GBR), 27 (CAN, DEU, GBR)
  - o January 2 (CAN obs., GBR obs., TWN obs., USA obs.), 6 (DEU), 16 (USA), 20 to 29 (TWN)
- Check IHO calendar: <https://iho.int/en/iho-meetings-and-events-calendar>
  - o **ENCWG7/S-101PT9: November 21 to 25, 2022**
  - o **S-100WG7: December 5 to 9, 2022**
  - o **NIPWG 2022 VTC 3: December 14, 2022 (TBC)**

November 2022						
Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

December 2022						
Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

January 2023						
Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

**Action Item 08: BG to send email to the task group to schedule S-123TG12.**

**Action Item 09: BG to send draft of S-123TG11 minutes to the group for review.**

**6.3 Additional Topics to Discuss**

- NIPWG 2022 VTC 3
  - o Any topics we would like to bring up?
  - o Any progress updates and or next steps we would like to mention?

**Action Item 10: BG to prepare S-123TG update presentation for NIPWG 2022 VTC 3 and send to the group for comments.**

## **ANNEX A: AGENDA**

- 1.0 Opening Remarks
- 2.0 Approval of Agenda
- 3.0 Approval of S-123TG10 Minutes
- 4.0 Review of Action Items from S-123TG10
- 5.0 Review of S-123 Feedback Submitted to Date
- 6.0 Next Meeting

**ANNEX B: LIST OF ATTENDEES**

<b>Country / Organization</b>	<b>Participant</b>	<b>Initials</b>
Canada	Bridget Gagné (CCG)	BG
Canada	Eivind Mong (CCG)	EM
Canada	Quinn Arruda (CCG)	QA
Germany	Philipp Schwedas (BSH) <a href="#">Regrets</a>	PS
United Kingdom of Great Britain and Northern Ireland	Jason Youé (UKHO)	JY
United Kingdom of Great Britain and Northern Ireland	Neil Salter (UKHO)	NS
Caris (Teledyne)	Hugh Astle	HA
IIC Technologies	Jonathan Prichard	JP
National Taiwan Ocean University (NTOU)	Shwu-Jing Chang	SJC
Portolan Sciences	Raphael Malyankar	RM

**ANNEX C: LIST OF ACTION ITEMS**

Action Item	Action Description
TG9/04 <b>On Hold</b>	<b>JP</b> to provide an updated description for the DCEG regarding GMDSSArea (emphasis on administrative boundaries) <a href="#">(Wait for discussion at S-100WG in regard to overlapping coverage issue)</a>
TG11/01	<b>BG</b> to send finalized S-123TG10 minutes to the group.
TG11/02	<b>RM</b> to upload finalized S-123TG10 minutes to the NIPWG Wiki.
TG11/03	<b>BG</b> to send finalized S-123TG10 minutes to be uploaded to the NIPWG website.
TG11/04	<b>BG</b> to add Europe's GALILEO to the list of differential GNSS.
TG11/05	<b>SJC</b> to send presentation to the group.
TG11/06	<b>RM</b> to send presentation to the group.
TG11/07	<b>BG</b> to send latest version of the feedback document to the group.
TG11/08	<b>BG</b> to send email to the task group to schedule S-123TG12.
TG11/09	<b>BG</b> to send draft of S-123TG11 minutes to the group for review.
TG11/10	<b>BG</b> to prepare S-123TG update presentation for NIPWG 2022 VTC 3 and send to the group for comments.