

**7th S-123 Marine Radio Services Task Group (S-123TG) Meeting
June 15, 2022 – Worldwide**

[Annex A: Agenda](#)

[Annex B: List of Attendees](#)

[Annex C: List of Action Items](#)

[Annex D: Related Documents](#)

[Web Resources](#)

[NIPWG Wiki: S-123](#)

[NIPWG Product Specifications Website](#)

1.0 Opening Remarks

BG opened the meeting and welcomed the participants.

Brief introductions from the participants to welcome the new participant at the meeting:
Jason Youé from UKHO.

2.0 Approval of S-123TG6 Minutes

BG presented the second draft of the meeting minutes:

- [Point 5.0](#): Added “categoryOf” before “GMDSSArea”
- [Annex B](#): Modified the participant list
- [Annex C](#): Added the ongoing action items TG5/08 and TG5/09 for completeness

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

Action Item 01: BG to send finalized S-123TG6 minutes to the group.

Action Item 02: RM to upload finalized S-123TG6 minutes to the NIPWG Wiki.

Action Item 03: EM to send finalized S-123TG6 minutes to be uploaded to the NIPWG website.

3.0 Approval of Agenda

The agenda was adopted with no modifications.

JY mentioned that it could be good to add “Other” as part of the enumerated values for the **categoryOfRadioStation** attribute.

- RM mentioned that NIPWG did not want to have an “Other” enumerated value in general.
- There is a 2-year revision cycle for product specifications, so this would be a good time to add any new technologies related to this attribute.

JY mentioned that UKHO is using “maritime security threat” instead of “pirate attack warning” for **categoryOfMaritimeBroadcast**.

Action Item 04: BG to add suggestion to replace “pirate attack warning” with “maritime security threat” in the enumerated values of categoryOfMaritimeBroadcast to the feedback document on behalf of JY.

4.0 Follow-Up on NIPWG VTC Meeting

Points noted from the meeting:

- Any **updated definitions** to be included in the List of Changes
- **categoryOfGMDSSArea: Waiting for the definition from IMO to define these areas properly**
 - o Comments mentioned that “Area A3” is specific for each service provider
 - o Suggestion to remove the following from the definition of Area A3:
 - “(in practice this means Inmarsat)” and
 - possibly the last sentence “This covers the area between roughly 70 deg N and 70 deg S” as there are talks about Area A3 being changed to a polygon and not a single band.
 - o Need to make sure that Area A3 definition is distinct from Area A4
 - o Current definition of Area A3 (as provided by SJC in the NIPWG VTC meeting):
“Sea area A3 means an area, excluding sea areas A1 and A2, within the coverage of a recognized mobile satellite service supported by the ship earth station carried on board, in which continuous alerting is available.”
- NIPWG chair group to issue an email to the NIPWG membership regarding “transmissionContent” question brought forward by the task group.

Action Item 05: BG to follow with NIPWG chair group (EM) if email sent, as well as include a deadline regarding the transmissionContent question (tentatively end of July, need to keep in mind that it is summer).

JY mentioned that the GMDSS Area definitions to be ratified in January 2024.

- To be confirmed whether the definitions provided by SJC from MSC105-3 will be part of the ratification in January 2024.

Action Item 06: BG to add comment regarding GMDSS Area definitions being ratified in January 2024 to the feedback document.

Action Item 07: BG to add to the feedback document that the latest definitions of GMDSS Areas available should be used when the next version of S-123 is being prepared.

5.0 Review of Action Items from S-123TG6

Action Item	Action Description	Status
TG5/08	RM to pick 2 examples from what was provided and exchange it with SJC, as well as apply it to a hypothetical model based on splitting the radiocommunications by theme and method. (To be provided for the June meeting)	Ongoing
TG5/09	SJC to pick 2 examples from what was provided and exchange it with RM, as well as apply it to preliminary proposal as captured in the feedback submitted. (To be provided for the June meeting)	S-123TG7 Point 6.0
TG6/01	BG to send finalized S-123TG5 minutes to the group.	Completed 2022-05-25
TG6/02	RM to upload finalized S-123TG5 minutes to the NIPWG Wiki.	Completed 2022-06-15
TG6/03	EM to send finalized S-123TG5 minutes to be uploaded to the NIPWG website.	Ongoing
TG6/04	SJC to provide examples from other countries related to indicating facilities supported on specific channels.	Completed 2022-05-26
TG6/05	RM to draft question regarding facilities supported on specific channels and circulate it within the task group.	Completed 2022-05-26
TG6/06	BG to bring up question regarding facilities supported on specific channels at next NIPWG VTC or through EM to circulate as a NIPWG letter.	Completed 2022-06-07
TG6/07	BG to send latest version of the cumulative feedback document to the group.	Completed 2022-05-25
TG6/08	For everyone to review the feedback comments to make sure discussion points and action items discussed during the meeting have been noted correctly.	Completed
TG6/09	For everyone to register for NIPWG VTC on June 7 th (and possibly 8 th).	Completed
TG6/10	BG to send out an email to determine whether June 14 th or 15 th would be better for the next meeting.	Completed 2022-05-31
TG6/11	BG to send draft of S-123TG6 minutes to the group for review.	Completed 2022-05-25

6.0 Remodelling the radiocommunications Complex Attributes (RM and SJC)

- RM mentioned to consider the following as part of the examples:
[Sample data prepared by NIPWG for S-123 Edition 1.0.0](#)
- SJC presented her proposal:
 - o SJC used a draft of sample data from NIPWG2, which appears to be similar to the one mentioned by RM above
 - Easier to compare between models
 - o Slides 9 to 11: Suggestion to have a “**RadioControlCenter**”
 - RM: if the coverage of the radio service area is different, then it should be encoded separately.
 - o Slide 14: “Data” is missing as a category among DSC, radiotelephony (RT), etc.
 - o Proposing “**RadioCommunicationStation**” to differentiate from the current model’s **RadioStation**
 - RM mentioned that **RadioStation** is in S-101 and that “**RadioCommunicationStation**” “could be seen as too similar to **RadioStation** and may not be accepted into the GI registry.
 - Possibility to keep the same name, but the attributes can be different from what is in S-101.
 - There is the possibility that there are multiple “**RadioCommunicationStation**” co-located, but each one has a different frequency/band and possibly different **RadioServiceAreas**.
 - RM and JY mentioned that it would be best to avoid multiple co-locations.
 - JY explained that “**ControlCenter**” is more about the office issuing the broadcast, whether it is broadcasting itself or from a remote site.
 - There is also the possibility that there could be an “**OperationsCentre**” as an information type and not necessary to give a location, especially for security reasons.
 - Discussions regarding the definitions of a **RadioStation** vs remotely-controlled transmitters/antennas.
 - o Suggestion to encode more of the radio part under “**RadioCommunicationStation**” instead of under **RadioServiceArea**
 - o Suggestion to keep **RadioServiceArea** as is, but to be more specific
 - o If it the “**RadioCommunicationStation**” is a remote site, the “**RadioControlCenter**” will give the **ContactDetails**
 - Can also look at if the “**RadioCommunicationStation**” is co-located with the “**RadioControlCenter**” if they are remote or not
 - o ITU has already allocated specific frequency bands for NAVDAT
 - Suggestion to consider NAVDAT as part of the S-123 Product Specifications
 - NAVDAT is still in the proposal stages at this moment.
 - o **categoryOfRadioMethods**: does not currently include “Data Service” as one of the enumerated values

- Slides 27 to 34: GMDSS Area (remodeling)
 - Should **GMDSSArea** be encoded by what each country has declared as their areas?
For example, Australia has determined that its waters is A3 (they do not have A1 or A2).
 - Suggestion to add countryCode to **GMDSSArea**, in addition to the existing agency code
 - Suggestion to associate **GMDSSArea** with **RadioStations**
 - Keep in mind that MF has its own estimated range of transmission
 - **RadioStations** lack the estimated range of transmission
- Slide 35: “RadioBroadcast” (information type)
 - Take what is related to broadcast out of the radiocommunications complex attribute
 - **categoryOfMaritimeBroadcast**
 - Values 1 to 10 and 19 are related to the B₂ subject indicator from the NAVTEX manual.
 - Some of the enumerated values is related to MET-OCEAN Info & warning (11, 12, 13) or types of Navigational Warnings (14, 15, 16)
 - Suggestion to have “broadcastContent” and divide it into “typeOfBroadcastContent” and subject (IndicatorCharacter)
- Slide 38: Suggestion to rename NavtexStationArea to “NavtexServiceArea”
 - Including a countryCode would indicate which country is in charge of that “**NavtexServiceArea**”
- Slide 44: WeatherForecastWarningArea
 - Suggestion to have an “**areaIdentifier**” and “**areaName**”
 - Overall consensus that a new attribute called **areaIdentifier** would be useful.
 - This was also a recommendation by HA.
 - Group is leaning towards the suggested “**areaName**” could be covered by the feature name attribute that exists already.

Action Item 08: SJC to send presentation to the task group.

7.0 Review of S-123 Feedback Submitted to Date

Action Item 09: BG to add example from PS for NIPWG VTC into the feedback document.

Action Item 10: BG to send latest version of the cumulative feedback document to the group.

8.0 Next Meeting

8.1 Actions to be Taken by Next Meeting

NIPWG9 registration:

- In-person deadline passed, but there is still time to register for those who are planning to attend virtually.

8.2 Next Meeting Date and Time:

- Looking at the week of July 11th (in 4 weeks) or 18th (in 5 weeks) for the next meeting
Holidays: July 1 (CAN), July 4 (USA)
- Check IHO calendar: <https://iho.int/en/iho-meetings-and-events-calendar>
 - o **S-130PT Schema Group: July 4 to 5, 2022**
 - o **S-101 Portrayal Sub-Group: July 12 to 13, 2022**

July 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						

Action Item 11: BG to send out an email for the next S-123 task group meeting in July.

Action Item 12: BG to send draft of S-123TG7 minutes to the group for review.

8.3 Additional Topics to Discuss

Noted that there is a lot of meetings dedicated to the radiocommunications complex attribute and may not have enough time to review the rest of the feedback collected.

- A lot of the topics are quite complex and will take time and may need to be brought up to NIPWG for further consideration.
- Goal for the next meeting(s) is to identify feedback that might require further discussion and which ones can be decided by the group.
- Need to keep in mind about the goal of presenting the List of Changes at NIPWG9 in September.

ANNEX A: AGENDA

- 1.0 Opening Remarks
- 2.0 Approval of S-123TG6 Minutes
- 3.0 Approval of Agenda
- 4.0 Follow-Up on NIPWG VTC Meeting
- 5.0 Review of Action Items from S-123TG6
- 6.0 Remodelling the radiocommunications Complex Attribute (RM and SJC)
- 7.0 Review of S-123 Feedback Submitted to Date
- 8.0 Next Meeting

ANNEX B: LIST OF ATTENDEES

Country / Organization	Participant	Initials
Canada	Bridget Gagné (CCG)	BG
Canada	Eivind Mong (CCG)	EM
Germany	Philipp Schwedas (BSH)	PS
United Kingdom of Great Britain and Northern Ireland	Jason Youé (UKHO)	JY
United Kingdom of Great Britain and Northern Ireland	Neil Salter (UKHO) Regrets	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
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ANNEX D: RELATED DOCUMENTS

GMDSS Area Definitions from MSC105-3
(Provided to the group by SJC)

MSC105-3 Amendments to 1974 SOLAS Convention CHAPTER IV RADIOCOMMUNICATIONS

- *Sea area A1* means an area within the radiotelephone coverage of at least one very high frequency (VHF) coast station in which continuous DSC alerting is available, as may be defined by a Contracting Government.*
- *Sea area A2* means an area, excluding sea area A1, within the radiotelephone coverage of at least one medium frequency (MF) coast station in which continuous DSC alerting is available, as may be defined by a Contracting Government*.
- *Sea area A3* means an area, excluding sea areas A1 and A2, within the coverage of a recognized mobile satellite service supported by the ship earth station carried on board, in which continuous alerting is available
- *Sea area A4* means an area outside of sea areas A1, A2 and A3.

*Refer to *Provision of radio services for the Global Maritime Distress and Safety System (GMDSS)*