

**15th S-123 Marine Radio Services Task Group (S-123TG) Meeting
May 25, 2023 – Worldwide**

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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

BG noted SJC’s input paper to discuss during the review of the S-123TG14 action items.

3.0 Approval of S-123TG14 Minutes

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

Action Item 01: BG to send finalized S-123TG14 minutes to the group.

Action Item 02: RM to upload finalized S-123TG14 minutes to the NIPWG Wiki.

Action Item 03: BG to send finalized S-123TG14 minutes to be uploaded to the NIPWG website.

4.0 Review of Action Items from S-123TG14

Action Item	Action Description	Status
TG9/04	JP to provide an updated description for the DCEG regarding GMDSSArea (emphasis on administrative boundaries) (Wait for discussion at S-100WG in regard to overlapping coverage issue)	Ongoing
TG11/02	RM to upload finalized S-123TG10 minutes to the NIPWG Wiki.	Completed 2023-05-25
TG12/02	RM to upload finalized S-123TG11 minutes to the NIPWG Wiki.	Completed 2023-05-25
TG13/02	RM to upload finalized S-123TG12 minutes to the NIPWG Wiki.	Completed 2023-05-25
TG14/01	BG to send finalized S-123TG13 minutes to the group.	Completed 2023-03-27
TG14/02	RM to upload finalized S-123TG13 minutes to the NIPWG Wiki.	Completed 2023-05-25
TG14/03	BG to send finalized S-123TG13 minutes to be uploaded to the NIPWG website.	Completed 2023-04-06
TG14/04	JP to send list of work items as presented in the S-122 and S-127 task groups’ updates during NIPWG 2023 VTC 1 to BG.	Ongoing
TG14/05	BG to bring up the list of work items at a future S-123TG meeting to make sure that all the elements to produce a new version of the S-123 Product Specification are accounted for.	Ongoing
TG14/06	SJC to send presentation of the WeatherForecastWarningArea remodelling proposal to the group.	Completed 2023-03-28
TG14/07	BG to include in the next S-123TG update presentation the recommendation from the group regarding informationConfidence.	Ongoing

Action Item	Action Description	Status
TG14/08	BG to send the latest version of the cumulative feedback document to the group.	Completed 2023-03-27
TG14/09	BG to send an email to the task group to schedule S-123TG15.	Completed 2023-03-29
TG14/10	BG to send a first draft of the S-123TG14 minutes to the group for review.	Completed 2023-03-27

Action Item 04: BG to review NIPWG Wiki to make sure all necessary documents are uploaded.

TG14/06:

SJC’s input paper for NIPWG 2023 VTC 2 was noted by the group.

- BG and JY noted a few typos and will communicate that to SJC.

Page 1:

- SJC noted that in the first paragraph under “Proposal/Analysis/Discussion,” the mention of “not including inherited ones” in the first sentence will be removed in the revised version.
- RM suggests that the number of sub-attributes in the remodelling proposal should be included in the paper.
 - o SJC will taken into account the suggestion and see how to better describe this.

Page 4:

- RM noted that NIPWG does not use “General/Others” as a value in an enumerated list. It is fine if it is used as a placeholder text for now.
 - o SJC clarified that the use of "Other" is for when there is no enumerated value that is suitable and the producer would then fill out the **subjectDescription** accordingly.

Table 5 (pages 3 to 4):

- SJC suggested to the task group the possibility of merging “3. National offshore,” “4. National coastal,” and “5. National inshore” under **categoryOfFrstAndWarningArea**.
 - o SJC brought up this point as JY mentioned previously that one nation may consider a specific area as national offshore/coast/inshore, but a neighbouring nation may consider it as something different. This could make it difficult to encode.
 - o RM did not agree with this suggestion as it is important to have this distinction.

Action Item 05: For everyone to review the input paper and send comments to SJC.

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 46: informationConfidence
 - o The group went over the documents submitted after the last meeting regarding examples of coverages and how their reliability is defined.
 - The group noted that the examples showed various ways to describe the reliability of the coverage, whether it be in percentage, dB or a qualifier.
 - However, the reliability of the coverage could be affected by the weather, the environment, the sensitivity of the equipment, and various other factors.

- The suggestion of a “projected maximum range” (JY), “maximum anticipated range” (RM), and “effective range” (SJC, based on ITU work on calculating the effective range of antennae) was brought up, with the specification that it would not be related to a qualifier.
 - There was also the suggestion to add an attribute regarding signal strength.
 - However, it is unclear if the mariner would be able to make use of this information.
 - HA suggested that perhaps the information that would be useful to the mariner is knowing the area that has reliable service and an intermediate area that may or may not have service.
 - Other comments from the task group regarding this topic:
 - SJC: This information is to indicate a buffer zone.
 - SJC: There is the possibility that how this information is encoded could double the number of coordinates.
 - JY: It seems like a lot of effort to encode this information for very little return. There is the possibility that a lot of producer nations may not use this due to legality issues.
 - RM: The examples discussed all appear to be created using the same program.
 - JY: If that is the case, then the qualifiers need better definitions with the percentage.
 - The group agreed that a lot of time has been spent on this topic and that the concerns put forward should be brought up to NIPWG at the next VTC.
 - The current general statement from the task group, provided by JY, is that there are too many variables affecting the reception of an MSI broadcast.
 - Even though the encoding is possible, is it worth it?
 - Will the mariner be able to make use of this information?
 - Producers categorizing the reliability of the reception may be taking it a step too far and it might be best to leave it to the mariner to use their best judgement.
- Pages 47 to 54: See feedback document for comments and conclusions from the task group.

BG noted that all technical feedback has been reviewed by the task group.

The group agreed to review editorial comments via correspondence.

Action Item 06: For everyone to review the editorial comments (pages 1 to 7) and submit their comments via correspondence to BG by June 16, 2023.

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

6.0 Next Meeting

6.1 Actions to be Taken by Next Meeting

- **Deadline to submit input papers for NIPWG 2023 VTC 2: May 30, 2023 (3 weeks before)**
- Review SJC’s input paper
- [Register for NIPWG 2023 VTC 2](#) by June 16, 2023

6.2 Next Meeting Dates:

- **Potential dates for S-123TG16 and S-123TG17**
- **Holidays:**
 - o June 8 (DEU), 19 (USA), 22 to 25 (TWN), 24 (CAN), 26 (CAN obs.)
 - o July 1 (CAN), July 3 (CAN obs.), July 4 (USA)
- Check IHO calendar: <https://iho.int/en/iho-meetings-and-events-calendar>
 - o **IALA20 Conference: May 28 to June 3, 2023 (EM, NS)**
 - o **HSSC-15: June 5 to 9, 2023 (EM?)**
 - o **S-101PT10: June 13 to 15 (JP)**
 - o **NIPWG 2023 VTC 2: June 20, 2023**

June 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	

July						
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 an email to the task group to schedule S-123TG16.

Action Item 09: BG to send a first draft of the S-123TG15 minutes to the group for review.

6.3 Topics to Discuss

- Discuss how to prepare the list of changes for the next version of S-123 to present at NIPWG-10

6.4 Additional Comments

- None noted.

ANNEX A: AGENDA

- 1.0 Opening Remarks
- 2.0 Approval of Agenda
- 3.0 Approval of S-123TG14 Minutes
- 4.0 Review of Action Items from S-123TG14
- 5.0 Review of S-123 Feedback Submitted to Date
- 6.0 Next Meeting

ANNEX B: LIST OF ATTENDEES

Country / Organization	Participant	Initials
Canada	Bridget Gagné (CCG)	BG
Canada	Eivind Mong (CCG) Regrets	EM
Canada	Quinn Arruda (CCG)	QA
Germany	Philipp Schwedas (BSH) Regrets	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 Pritchard Regrets	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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TG14/07 Ongoing	BG to include in the next S-123TG update presentation the recommendation from the group regarding informationConfidence.
TG15/01	BG to send finalized S-123TG14 minutes to the group.
TG15/02	RM to upload finalized S-123TG14 minutes to the NIPWG Wiki.
TG15/03	BG to send finalized S-123TG14 minutes to be uploaded to the NIPWG website.
TG15/04	BG to review NIPWG Wiki to make sure all necessary documents are uploaded.
TG15/05	For everyone to review the input paper and send comments to SJC.
TG15/06	For everyone to review the editorial comments (pages 1 to 7) and submit their comments via correspondence to BG by June 16, 2023.
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