

10th S-123 Marine Radio Services Task Group (S-123TG) Meeting October 13, 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-123TG9 Minutes

BG presented the second draft of the meeting minutes with the following modifications:

- Point 5.0: Discussion regarding NavtexStationArea:
 - o The sentence “The ‘idNAVAREA’ is related to the schedule of transmission.”
 - Corrected “idNAVAREA” to “txtIdentChar”
 - o Deleted the duplicate mention of RM showing his updated slides regarding the separation of the radiocommunications complex attribute into “radiocommunicationsMethodType” and “radiocommunicationsThemeType”
- Annex C: Added the ongoing action items TG8/04 and TG8/05 for completeness

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

Action Item 01: BG to send finalized S-123TG9 minutes to the group.

Action Item 02: RM to upload finalized S-123TG9 minutes to the NIPWG Wiki.

Action Item 03: EM to send finalized S-123TG9 minutes to be uploaded to the NIPWG website.

4.0 Follow-Up on NIPWG9 Meeting

Comments from the NIPWG9 participants regarding questions raised by the S-123 task group:

- Slide 3: Regarding updates to definitions to reflect current technologies (e.g. Differential GNSS)
 - o IMO has accepted regional GNSS such as satellites from India and Japan.
 - Need to consider this when writing up the revised definition for Differential GNSS
 - Pointed out by JY that BeiDou from China has been approved as well.

Action Item 04: BG to add GNSS examples from India, Japan and China to the feedback document to be considered when formulating the new GNSS definition.

- Slide 4: Regarding the revision cycle where the latest technologies available at that time would be taken into consideration.
 - o The NIPWG9 participants indicated that NAVDAT and VDES can be included.
 - Suggestion to treat VDES and AIS in a similar fashion.

Action Item 05: BG to update the feedback document to note that NAVDAT and VDES should be included.

- Slide 5: Regarding radio coverage and services going beyond a country's EEZ
 - o The NIPWG9 participants suggested to create coverage based on transmission range and the service areas we want to create using the idea of mixed loading / mixed datasets (datasets extending over a country's EEZ).
 - This would need to be specified in the Product Specifications.
 - **NIPWG9 Action Item 16**: NIPWG Chair Team to submit an input paper to S-100WG on how the mixed datasets containing coverage outside a nation's EEZ and national boundary should be created in accordance with the S-100 Framework.
 - JP provided excerpts from WEND-100:
 - The full extent of the WEND-100 Principles applies to the production and the dissemination of S-101 ENC's. Until the full retirement of the earlier S-57 ENC's, the existing WEND Principles will continue to apply for S-57-ENC's 5 and these WEND-100 Principles will apply for S-101 ENC's b) 6 . Incrementally the full extent or specific sets of the WEND-100 Principles will apply to the other S-1XX products.
 - 5.1. A Member State is normally the S-1XX products producing country for waters within its national jurisdiction.
 - 5.2. When the limits of waters of national jurisdiction have not been established, or when it is more convenient to establish boundaries other than waters of national jurisdiction, countries may define the boundaries for production of S-1XX products within a bi/multilateral technical arrangement. These limits would be for convenience only and shall not be construed as having any significance or status regarding political or other jurisdictional boundaries.
 - NIPWG use case for overlapping/mixed datasets drafted by HA supported by NIPWG Chair Team (<http://wp12183585.server-he.de/npubwiki/wiki/index.php/SNPWG2>)
 - Noted that EM, JP and RM will be helping HA with this.
 - JY brought up the question regarding Enhanced Group Calling (EGC) broadcasts that also span multiple EEZ.
 - EM suggests to focus on the service area provided by each country. However, there is concern brought up by HA and JY that the term "service area" could be an issue.
 - o The task group is leaning towards "**coverage** of a service."
 - SJC provided definition the following from MSC_Circ1403_Revised_NAVTEX_Manual_Ed2018:
 - NAVTEX service area means a unique and precisely defined sea area, wholly contained within the NAVTEX coverage area, for which maritime safety information is provided from a particular NAVTEX transmitter. It is normally defined by a line that takes full account of local propagation conditions and the character and volume of information and maritime traffic patterns in the region, as given in resolution A.801(19), as amended, see Annex 4.
 - The group agrees that clear definitions are required, but that there will still be overlaps.
 - Need to make sure S-100WG and WENDWG are aware of this issue.
 - This issue needs to be resolved by the end of S-123 Edition 2.0.0 development.

- Slide 6: Regarding the `InmarsatOceanRegionArea`
 - o The NIPWG9 participants suggested to:
 - Drop the `InmarsatOceanRegionArea`
 - Expand the `GMDSSArea` feature by bringing in the attribution from the `InmarsatOceanRegionArea`
 - Area A3 should include the description of the service and who it is provided by (e.g. Inmarsat, Iridium, etc.)
 - o This will allow countries to input themselves which service is being used to support GMDSS Area A3.
 - **NIPWG9 Action Item 17:** It was requested that the S-123 task group come up with a proposal of how the data model should change by next NIPWG VTC in December 2022.

Action Item 06: **SJC to create a proposal regarding the `InmarsatOceanRegionArea` and `GMDSSArea` and present at next task group meeting.**

Action Item 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.**

- Additional actions for the S-123 task group:
 - o When compiling the Proposed Changes for the S-123 Product Specifications, include the removal of the term “Nautical Publication Information Overlay (NPIO)” from the S-123 Product Specifications document “1.1 Introduction” based on the updated descriptions from S-125 and S-128 when conducting their next product specification review (**NIPWG9 Action Item 24**).

Action Item 08: **BG to include the removal of the term “Nautical Publication Information Overlay” (NPIO) to the feedback document.**

5.0 Review of Action Items from S-123TG9

| Action Item | Action Description | Status |
|-------------|---|--|
| TG8/04 | BG to bring up at NIPWG9 the challenges regarding radio coverage as they go beyond each country's EEZ boundaries. | Completed 2022-09-14 |
| TG8/05 | BG to bring up at NIPWG9 the question from SJC regarding InmarsatOceanRegionArea as these areas cross national boundaries. | Completed 2022-09-14 |
| TG9/01 | BG to send finalized S-123TG8 minutes to the group. | Completed 2022-08-04 |
| TG9/02 | RM to upload finalized S-123TG8 minutes to the NIPWG Wiki. | Completed 2022-08-08 |
| TG9/03 | EM to send finalized S-123TG8 minutes to be uploaded to the NIPWG website. | Ongoing |
| TG9/04 | JP to provide an updated description for the DCEG regarding GMDSSArea (emphasis on administrative boundaries) | On Hold Wait for discussion at S-100WG in regard to overlapping coverage issue |
| TG9/05 | BG to include comment from PS regarding offering national radio service outside of EEZ with the question regarding radio coverage going beyond EEZ boundaries to be asked at NIPWG9. | Completed 2022-08-16 |
| TG9/06 | BG to send latest version of the cumulative feedback document to the group. | Completed 2022-08-16 |
| TG9/07 | For everyone to go through the rest of the feedback (pages 42 to 48) and send back their comments via correspondence to BG by August 10, 2022. | Completed 2022-08-10 |
| TG9/08 | BG to send draft of S-123TG9 minutes to the group for review. | Completed 2022-08-04 |

6.0 Review of S-123 Feedback Submitted to Date (Did not have time to go over this)

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

- BG noted that there was not enough time to go over this item. This item will be prioritized at the next task group meeting.

7.0 Next Meeting

7.1 Actions to be Taken by Next Meeting

- **Reminder: NIPWG 2022 VTC 3 input paper submission deadline: November 18, 2022**
(3 weeks before)

7.2 Next Meeting Dates:

- **Potential dates:**
 - o **S-123TG11:** week of November 7th or week of November 14th
 - o **S-123TG12:** week of November 28th
 - o Noted that no meetings would be held in the 2nd half of December.
- **Holidays:**
 - o *November 11 (CAN, USA), November 24 & 25 (USA)*
 - o *December 25 (CAN, GBR, USA), 26 (CAN, DEU, GBR), 27 (CAN, DEU, GBR)*
- 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 |
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| 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 09: BG to send email to the task group to schedule S-123TG11.

Action Item 10: BG to send draft of S-123TG10 minutes to the group for review.

7.3 Additional Topics to Discuss

Preparing the “Proposed Changes” for the S-123 Product Specification

- How should it be done?
 - o Can use the feedback document and the change proposal document if it is clear enough for the person who is making the changes
 - o Present at NIPWG when ready

Bring up the remodelling of the radiocommunications complex proposals at S-123TG12.

ANNEX A: AGENDA

- 1.0 Opening Remarks
- 2.0 Approval of Agenda
- 3.0 Approval of S-123TG9 Minutes
- 4.0 Follow-Up on NIPWG9 Meeting
- 5.0 Review of Action Items from S-123TG9
- 6.0 Review of S-123 Feedback Submitted to Date
- 7.0 Next Meeting

ANNEX B: LIST OF ATTENDEES

| Country / Organization | Participant | Initials |
|--|---|-----------------|
| Canada | Bridget Gagné (CCG) | BG |
| Canada | Eivind Mong (CCG) | 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) | 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 |
|--------------------|---|
| TG9/03 | EM to send finalized S-123TG8 minutes to be uploaded to the NIPWG website. (Ongoing) |
| TG9/04 | JP to provide an updated description for the DCEG regarding GMDSSArea (emphasis on administrative boundaries) (On Hold: Wait for discussion at S-100WG in regard to overlapping coverage issue) |
| TG10/01 | BG to send finalized S-123TG9 minutes to the group. |
| TG10/02 | RM to upload finalized S-123TG9 minutes to the NIPWG Wiki. |
| TG10/03 | EM to send finalized S-123TG9 minutes to be uploaded to the NIPWG website. |
| 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. |
| TG10/05 | BG to update the feedback document to note that <u>NAVDAT</u> and <u>VDES</u> should be included. |
| TG10/06 | SJC to create a proposal regarding the <u>InmarsatOceanRegionArea</u> and <u>GMDSSArea</u> and present at next task group meeting. |
| 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 <u>InmarsatOceanRegionArea</u> and <u>GMDSSArea</u> and present findings at the next task group meeting. |
| TG10/08 | BG to include the removal of the term “Nautical Publication Information Overlay” (NPIO) to the feedback document. |
| TG10/09 | BG to send email to the task group to schedule S-123TG11. |
| TG10/10 | BG to send draft of S-123TG10 minutes to the group for review. |