

12th S-123 Marine Radio Services Task Group (S-123TG) Meeting January 12, 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

The agenda was adopted with no modifications.

3.0 Approval of S-123TG11 Minutes

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

- [Point 4.0](#): Changed “S-123TG9” to “S-123TG10” in the title

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

Action Item 01: BG to send finalized S-123TG11 minutes to the group.

Action Item 02: RM to upload finalized S-123TG11 minutes to the NIPWG Wiki.

Action Item 03: BG to send finalized S-123TG11 minutes to be uploaded to the NIPWG website.

4.0 Follow-Up on NIPWG VTC Meeting

During S-100WG7 ([input paper/presentation](#)), it was brought up that the S-123 Product Specifications are not following the dataset naming convention as described in S-100 Edition 5.0.0, which is due to the S-123 Product Specifications being based off of S-100 Edition 3.0.0.

Action Item 04: BG to add to the feedback document that the dataset naming convention in the S-123 Product Specifications is to be updated to S-100 Edition 5.0.0.

NIPWG members supported the proposed change of splitting the NAVAREA/METAREA feature into two (2) separate features.

- Need to determine what are the exact changes needed to make that happen for the next version of the S-123 Product Specifications

Action Item 05: BG to add to the feedback document that NIPWG members support the split of the NAVAREA/METAREA feature into two (2) separate features.

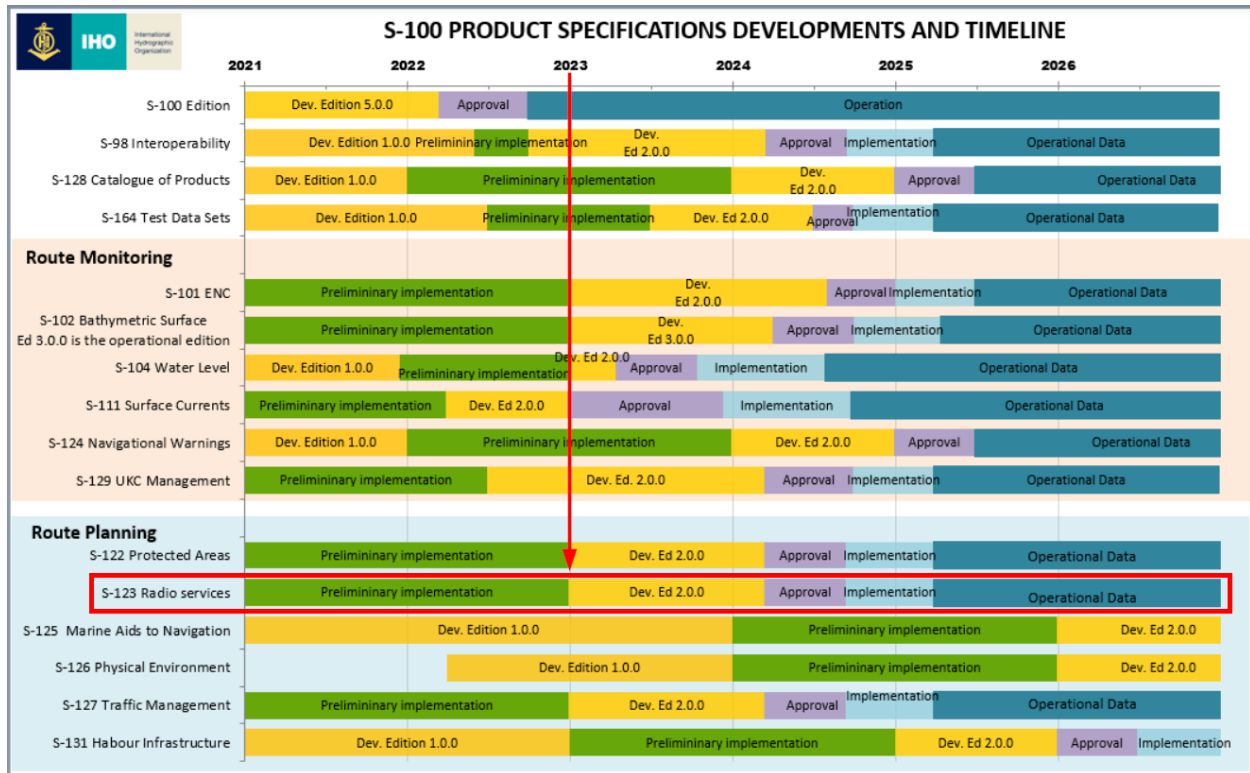
5.0 Review of Action Items from S-123TG11

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
TG11/01	BG to send finalized S-123TG10 minutes to the group.	Completed 2022-11-14
TG11/02	RM to upload finalized S-123TG10 minutes to the NIPWG Wiki.	Ongoing

Action Item	Action Description	Status
TG11/03	BG to send finalized S-123TG10 minutes to be uploaded to the NIPWG website.	Completed 2022-12-01
TG11/04	BG to add Europe’s GALILEO to the list of differential GNSS.	Completed 2022-12-01
TG11/05	SJC to send presentation to the group.	Completed 2022-11-08
TG11/06	RM to send presentation to the group.	Completed 2022-11-08
TG11/07	BG to send latest version of the feedback document to the group.	Completed 2022-11-14
TG11/08	BG to send email to the task group to schedule S-123TG12.	Completed 2022-12-16
TG11/09	BG to send draft of S-123TG11 minutes to the group for review.	Completed 2022-11-14
TG11/10	BG to prepare S-123TG update presentation for NIPWG 2022 VTC 3 and send to the group for comments.	Completed 2022-12-06

6.0 Action Plan for Next Version of S-123 Product Specifications

The current timeline for S-123 is as shown in the latest “S-100 Product Specifications Developments and Timeline” Gantt diagram from [July 2022](#).



Need to determine what is left to be done in order to present a list of changes at NIPWG to create the next version of the S-123 Product Specifications to adhere to the timeline shown above.

Task #1: Finish going through the feedback comments as a group

- Roughly 11 pages left: allot 3-4 pages for the next four (4) meetings (Feb, March, April, May)

Task #2: Finalize radiocommunications complex attribute remodelling proposal

- Preliminary work done and presented by SJC and RM
- Discussed to review and update the proposals at the next meeting (S-123TG13)
 - o If no consensus can be made by the task group, then this will be brought up to NIPWG.

Action Item 06: SJC and RM to review and update their proposals for remodelling the radiocommunications complex attribute and present at S-123TG13.

Task #3: Finalize GMDSSArea and InmarsatOceanRegionArea remodelling proposal

- Preliminary work done and presented by SJC and RM
- IMO definition to be ratified in January 2024.
- Depends on if the service is SafetyNET (Inmarsat, A3 and A4) or SafetyCast (Iridium, A3 only)
 - o The focus is on what is the exact definition of Sea Area A3.
- Note: Focus on Task #2 first and then move onto Task #3

Task #4: Split NAVAREA/METAREA into two (2) separate feature types

- Work to be done is 1) to devise the definitions and 2) to create the list of attributes.
- Task group member(s) to lead and help with the work: PS (lead), RM (support) and SJC (support)

Task #5: List all the changes to bring the S-123 Product Specifications from S-100 Edition 3.0.0 to S-100 Edition 5.0.0

- Task group member(s) to lead and help with the work: JP (lead), RM (support)
- Focus on summarizing the changes required since there is a significant difference between S-100 Edition 3.0.0 and Edition 5.0.0.
 - o Any additional changes required to be added to the feedback comments document

Task #6: Compile all the changes into a formal list of changes / change proposal

- Outcome: present it as a work order (what needs to happen) to create the next version for review
- Feedback comment document may be sufficient. To be reviewed and discussed further when other tasks are completed.

Development of Edition 2.0.0

What is the status on the following?

1. Datasets that conform to the standard for testing purposes

- o S-123 test datasets are not part of S-164 at the moment.
 - S-164 scope should contain S-123 test datasets, but may be included further away in the future. Need to keep an eye on this.
 - S-164 will look at compatibility on ECDIS.

Action Item 07: JP to follow-up with S-164WG regarding where S-123 test datasets fall in their work/timeline.

2. Validation checks (NIPWG's responsibility)

- o Product specification checks: needs to be updated
- o S-100WG working on generic validation checks
 - Cross-product validation checks and interoperability checks (S-164)
 - Keep an eye on S-100WG validation work and integrate into S-123 Edition 2.0.0

3. Portrayal

- IIC presented their preliminary work, based on what was done by KHOA, on S-123/S-127 portrayal during NIPWG9.
 - Needs more testing with stakeholders: implementers and producers
 - Can be brought up at next NIPWG VTC regarding dedicated sessions on portrayal and interoperability to move this aspect forward for the development of S-123 Edition 2.0.0

Action item 08: JP to mention at the next NIPWG VTC about having dedicated sessions regarding portrayal and interoperability to help move S-123 into Edition 2.0.0 development.

7.0 Next Meeting

7.1 Actions to be Taken by Next Meeting

- None noted.

7.2 Meeting Time

- Change to 13:00 UTC until Daylight Savings Time starts
 - March 12 (CAN, USA), March 26 (DEU, GBR)

7.3 Next Meeting Dates:

- **Potential dates for S-123TG13:** sometime in February
- **Potential dates for S-123TG14:** sometime in March
- **Holidays:** February 20 (CAN, USA), February 25 to 28 (TWN), March 8 (DEU)
- Check IHO calendar: <https://iho.int/en/iho-meetings-and-events-calendar>
 - S-102PT12 VTC: February 13 to 14, 2023
 - TWCWG7 VTC: February 28 to March 2, 2023
 - NIPWG 2023 VTC 1: March 2, 2023 (TBC)
 - S-100TSM9: March 7 to 10, 2023
 - S-130PT5 VTC: March 13 to 14, 2023
 - USCHC46: March 16 to 17, 2023

February 2023						
Su	Mo	Tu	We	Th	Fr	Sa
29	30	31	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				

March 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 09: BG to send email to the task group to schedule S-123TG13.

Action Item 10: BG to send draft of S-123TG12 minutes to the group for review.

7.4 Topics to Discuss

- Radiocommunications complex attribute remodelling proposals by SJC and RM
- Review feedback collected to date (3 pages minimum)

ANNEX A: AGENDA

- 1.0 Opening Remarks
- 2.0 Approval of Agenda
- 3.0 Approval of S-123TG11 Minutes
- 4.0 Follow-Up on NIPWG VTC Meeting
- 5.0 Review of Action Items from S-123TG11
- 6.0 Action Plan for Next Version of S-123 Product Specifications
- 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)	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 Regrets	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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