

19th S-123 Marine Radio Services Task Group (S-123TG) Meeting November 30, 2023 – Worldwide

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1.0 Opening Remarks

BG opened the meeting and welcomed the participants.

2.0 Approval of Agenda

BG proposed to modify the agenda so that BV's proposal regarding connectivity subscription can be discussed first.

3.0 Comments on Connectivity Subscription Draft Proposal (IM)

IM presented the comments received from the various stakeholders regarding the draft proposal on connectivity subscription.

Some "highlights:"

- Try not to be too ambitious to capture all information (e.g., noise to interference ratio).
- Circular sectors might be too simplified.
- Add an enumerated value of "Priority" to the **typeOfConnectivityResource**
- There was a suggestion to include the use of probability, perhaps using **IndeterminateZone**, but SJC advised against it.
- Suggestion to add information regarding security and safety of data, e.g., cyber attacks, but IM thought that it was out of scope.
- Overall, the relationships between features and information objects and the list of attributes seem to cover what was requested. Some minor modifications requested to simplify certain things.
- EM also supported the idea of keeping things simple as much as possible.

IM mentioned that the stakeholders have until December 20, 2023 to submit their feedback, so that IM can go through and combine them all before the end of the year.

Action Item 01: IM to send presentation to the group regarding the Connectivity Subscription draft proposal with the feedback collected so far.

4.0 Approval of S-123TG18 Minutes

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

Action Item 02: BG to send finalized S-123TG18 minutes to the group.

Action Item 03: RM to upload finalized S-123TG18 minutes to the NIPWG Wiki.

Action Item 04: BG to send finalized S-123TG18 minutes to be uploaded to the NIPWG website.

5.0 Review of Action Items from S-123TG18

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
TG16/08	BG to bring up at a future S-123TG meeting the review of the DQWG recommended template to determine which sections apply to S-123.	Ongoing
TG17/05	For everyone to review the conclusions regarding the proposed editorial changes captured in the feedback document.	Completed 2023-11-30
TG17/09	For everyone to do a final review of the proposals and feedback document before being submitted to NIPWG.	Ongoing
TG18/01	BG to send finalized S-123TG17 minutes to the group.	Completed 2023-10-31
TG18/02	RM to upload finalized S-123TG17 minutes to the NIPWG Wiki.	Completed 2023-11-28
TG18/03	BG to send finalized S-123TG17 minutes to be uploaded to the NIPWG website.	Completed 2023-11-27
TG18/04	BG to look into NIPWG-10 Action Item #07 regarding the development of key performance indicators for the S-123 Product Specifications.	Completed 2023-11-22
TG18/05	BG to bring up at a future S-123TG meeting regarding NIPWG-10 Action Item #08 about providing a point of contact for S-164 and S-98.	Ongoing
TG18/06	BG to provide CCG S-123 test data to aid S-164 development.	Ongoing
TG18/07	BG to look into NIPWG-10 Action Item #10 regarding the current draft of S-98 Annex C.	Completed 2023-11-22
TG18/08	BG to look into NIPWG-10 Action Item #44 regarding the drafting of NIPWG level milestones.	Completed 2023-11-22
TG18/09	SJC to send slides to the group regarding how to incorporate BV's proposal.	Completed 2023-11-01
TG18/10	IM, SJC and EM to meet to work more on BV's proposal.	Completed 2023-11-01
TG18/11	BG and EM to make contact with the operators, as per IM's request, to demonstrate that work is being done on IHO's end regarding BV's proposal.	Ongoing
TG18/12	SJC to send slides to the group regarding the encoding of a "sub-area" for NAVAREA/METAREA.	Completed 2023-11-01
TG18/13	BG to update feedback document regarding BV's proposal based on the discussion had during NIPWG-10 and S-123TG18.	Completed 2023-10-30
TG18/14	BG to send an email to the task group to schedule S-123TG19.	Completed 2023-11-07
TG18/15	BG to send a first draft of the S-123TG18 minutes to the group for review.	Completed 2023-10-31

TG17/05:

Since there has been no additional comments since, this action item will be marked as "completed."

TG18/05:

EM clarified that this is referring to S-164. This action item is not as urgent as S-123 is in Phase 2, and S-164 and S-98 are currently focusing on Phase 1. This action item is to be reviewed once a year.

TG18/04:

Key Performance Indicators	Notes	Status	Deliverable Date
Integration of pending change proposals and recommendations from S-123 related projects (includes updating the Prod. Spec. to S-100 Ed. 5.1.0)		Waiting on feedback from stakeholders regarding the connectivity subscription proposal	<u>Jan 2024:</u> Integrate connectivity subscription proposal into the list of proposed changes <u>End of Jan 2024:</u> Submit list of proposed changes to NIPWG <u>Feb to Mar 2024:</u> NIPWG review period (6 to 8 weeks) <u>Apr to June 2024:</u> Integration of proposed changes for Ed. 1.1.0
Prod. Spec. Main Document			<u>Apr to June 2024:</u> Integration of proposed changes for Ed. 1.1.0
Application schema (includes UML diagrams)			
IHO GI Registry (Updates, consistency)			
Feature Catalogue	Can be done in parallel		
GML schema			
DCEG			
Portrayal Catalogue Required for Ed. 2.0.0			
Exchange Catalogue	Choice of metadata that is useful to include for this Prod. Spec.		
Sample datasets to accompany the Product Specification	Different from test datasets for S-164		
Final product specification update and editorial review			
Data Quality chapter	Could look at S-131 as a starting point	Not enough time to analyze the work to be done to include it in Ed 1.1.0. To be included in Ed. 1.2.0 (?)	
Validation checks Required for Ed. 2.0.0	NIPWG's responsibility		
Datasets that conform to the standard for testing purposes Required for Ed. 2.0.0	S-164WG Phase 2 work		
Impact study Required for Ed. 2.0.0			
Multilingual support			
Data protection			
Interoperability Catalogue			
Underlying schemas and example resources			

Additional guidance from EM:

- The key performance indicators exercise is about estimating the delivery of the different pieces of the product specification, as well as estimating if it's a 1.x something or a 2.0.0 that is next.
- The goal is to break up the tasks as you think it best convey the work so that stakeholders can anticipate the next steps and gauge the progress.

Action Item 05: For everyone to review the list of “key performance indicators” and suggest any timelines or other factors to keep in mind.

6.0 Preparing the List of Changes to Present to NIPWG Members

The goal would be to submit the proposed changes to S-123 for the next NIPWG VTC in December 2023 as per NIPWG-10 Action Item 35: “Proposed changes to S-123 to be shared with NIPWG and to provide a period of review (6-8 weeks) to have an approved to do list to generate the next version of the PS.”

- The “to do list” mentioned is based on the proposed changes.
- EM confirmed that the S-123 data model revision slides presented by SJC during NIPWG-10 should be sufficient for explaining and capturing the new remodelling proposal.

The next version of the S-123 product specification will be Edition 1.1.0.

Waiting to integrate the connectivity subscription proposal, which may only be sometime in January. This means that the list of proposed changes to submit to NIPWG will not be ready until late January or early February 2024.

7.0 Next Meeting

7.1 Actions to be Taken by Next Meeting

- Deadline to register for NIPWG 2023 VTC 3: December 4, 2023

7.2 Next Meeting Dates:

- Next meeting in January 2024 for S-123TG20
- To be determined how often the task group should meet after submitting the proposed changes:
 - o Perhaps 3 to 4 weeks before each NIPWG VTC?

Action Item 06: BG to send an email to the task group to schedule S-123TG20.

Action Item 07: BG to send a first draft of the S-123TG19 minutes to the group for review.

7.3 Topics to Discuss

- None noted.

7.4 Additional Comments

- None noted.

ANNEX A: AGENDA

- 1.0 Opening Remarks
- 2.0 Approval of Agenda
- 3.0 Approval of S-123TG18 Minutes
- 4.0 Review of Action Items from S-123TG18
- 5.0 Preparing the List of Changes to Present to NIPWG Members
- 6.0 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) <i>Regrets</i>	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
Bureau Veritas Marine & Offshore	Iliia Maslov	IM
Caris (Teledyne)	Hugh Astle	HA
IIC Technologies	Jonathan Pritchard <i>Absent</i>	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 Ongoing	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)
TG16/08 Ongoing	BG to bring up at a future S-123TG meeting the review of the DQWG recommended template to determine which sections apply to S-123.
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TG18/05 Ongoing	BG to bring up at a future S-123TG meeting regarding NIPWG-10 Action Item #08 about providing a point of contact for S-164 and S-98. (To review once a year)
TG18/06 Ongoing	BG to provide CCG S-123 test data to aid S-164 development.
TG18/11 Ongoing	BG and EM to make contact with the operators, as per IM's request, to demonstrate that work is being done on IHO's end regarding BV's proposal.
TG19/01	IM to send presentation to the group regarding the Connectivity Subscription draft proposal with the feedback collected so far.
TG19/02	BG to send finalized S-123TG18 minutes to the group.
TG19/03	RM to upload finalized S-123TG18 minutes to the NIPWG Wiki.
TG19/04	BG to send finalized S-123TG18 minutes to be uploaded to the NIPWG website.
TG19/05	For everyone to review the list of "key performance indicators" and suggest any timelines or other factors to keep in mind.
TG19/06	BG to send an email to the task group to schedule S-123TG20.
TG19/07	BG to send a first draft of the S-123TG19 minutes to the group for review.