

4th S-123 Marine Radio Services Task Group (S-123TG) Meeting March 16, 2022 – Worldwide

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[NIPWG Product Specifications Website](#)

1.0 Opening Remarks

BG opened the meeting and welcomed the participants.

2.0 Approval of S-123TG3 Minutes

- BG presented the second draft of the meeting minutes where point 5.0 was modified:
 - o Removed a redundant “the” in the 2nd bullet point
 - o Removed a redundant “of” in Action Item 05
- The group approved the second draft of the meeting minutes as the final version.

Action Item 01: BG to send finalized S-123TG3 minutes to the group.

Action Item 02: RM to upload finalized S-123TG3 minutes to the NIPWG Wiki.

Action Item 03: EM to send finalized S-123TG3 minutes to be uploaded to the NIPWG website.

3.0 Approval of Agenda

JP highlighted to go over any action items related to NIPWG VTC.

4.0 Review of Action Items from S-123TG3

Action Item	Action Description	Status
TG3/01	BG to send finalized S-123TG2 minutes to the group.	Completed 2022-02-16
TG3/02	RM to upload finalized S-123TG2 minutes to the NIPWG Wiki .	Completed 2022-03-08
TG3/03	EM to send finalized S-123TG2 minutes to be uploaded to the NIPWG website .	Completed 2022-03-16
TG3/04	HA to ask Jeff about the Registry having a separate complex attribute for the 4 sub-attributes under radiocommunications (categoryOfMaritimeBroadcast, communicationChannel, signalFrequency, transmissionContent) and for the rest of the sub-attributes to be part of an extended radiocommunications complex attribute as both of these complex attributes appear to exist in the XML FC.	Further discussion required
TG3/05	JP to ask UKHO regarding the list of permitted values under categoryOfRadioStation to see which ones are still being used around the world.	Ongoing

Action Item	Action Description	Status
TG3/06	HA and JP to submit a paper for the next NIPWG VTC regarding whether broadcast details should be a separate information type in order for it to relate to multiple features or should there be 2 possible ways to encode this information depending on the situation: inline for single cases or information type as described.	Further discussion required
TG3/07	BG to send latest version of the cumulative feedback document to the group.	Completed 2022-02-16
TG3/08	BG to submit a paper for the next NIPWG VTC regarding the S-123 task group's activity, progress and end goals.	Completed 2022-03-04
TG3/09	BG to send out meeting invite for March 16, 2022	Completed 2022-02-23

Discussion regarding TG3/04:

HA: ContactDetails also contains **radioCommunications** attributes. There would not be a clean way to separate **radioCommunications** between two-way communications and broadcast details.

- The **radioCommunications** attributes subset used for **ContactDetails** is different from that under **RadioStation**.

RM suggested to describe the problem and indicate that a remodelling is required for **radioCommunications**. May need to wait for the next edition of S-123 and send out an open letter to see more use cases to better understand the purpose of the use of these attributes.

- **HA** remarked that it would be helpful to know what is the intent of the **ContactDetails** vs **radioCommunications** and how it would be used.
- **RM** suggested to use the NIPWG S-123 Wiki page could be used to further this discussion.
- **JP** suggested to use the CCG's *Radio Aids to Marine Navigation* (RAMN) publication as a use case to work from as it would help to give context to the issue being described by HA.

Action Item 04: HA to provide a document describing the problem regarding the radioCommunications attribute to send to RM to post on the NIPWG S-123 Wiki for further discussion.

Comments regarding TG3/06:

Related to TG3/04. Whether information should be a separate information type or encoded with the feature can have an impact on the radioCommunications modelling.

- **SJC** suggested that the **BroadcastDetails** can be a shared information type for **RadioStations**, **BroadcastDetails** can be an attribute of a **RadioServiceArea**.
 - o **RadioServiceArea** can then be separated into different types.
- The group agreed that additional discussion is required with more use cases to work from.

Comments regarding TG3/08:

BG will revise the input paper and add a paragraph about the radioCommunications attribute required remodelling.

Action Item 05: BG to revise input paper and include additional paragraph regarding the radioCommunications attribute.

Action Item 06: BG to prepare a presentation version of the input paper for NIPWG VTC.

Action Item 07: JP to prepare a slide to include with the S-123 task group presentation about shared information types and inline attributes.

5.0 Review of S-123 Feedback Submitted to Date

Status:

- Discussion continued regarding technical comments:
 - o **Page 9:** BG brought up the concern that the definition of the **CoastguardStation** attribute to only be encoded if it is a MRCC or MRSC does not seem to fit with what is considered a coast guard station in Canada.

Action Item 08: BG to look at examples of the CCG RAMN to show the challenges regarding the encoding definition of CoastguardStation.

Action Item 09: SJC to look through the UKHO Admiralty List of Radio Signals for examples of MRCC.

Action Item 10: PS to look for examples of MRCC in Germany.
 - o **Page 10:** Discussion regarding better DCEG guidance on how to use the **Authority** information type as it relates to **CoastguardStation**, **RadioStation** and **ContactDetails**.
 - To be discussed further to see whether a solution can be proposed to address this challenge.
 - o **Page 14:** Discussion regarding the necessity of keeping the **Building** feature as the **Landmark** feature was proposed to be removed by the group in a previous meeting.
 - The group agreed that further discussion is required to see whether the enumerated list under **Building** is represented in other features adequately and if a more general feature type needs to be created for the remaining elements.

Action Item 11: BG to send latest version of the cumulative feedback document to the group.

6.0 Next Meeting

6.1 Actions to be Taken by Next Meeting

No additional actions noted.

6.2 Next Meeting Date and Time:

- Looking at the Tuesday to Thursday of the week of April 11th and 18th
Holidays: April 4 & 5 (TWN), April 15 & 18 (CAN, DEU, GBR)
- Check IHO calendar: <https://iho.int/en/iho-meetings-and-events-calendar>
 - o TWCWG6: April 4 to 7, 2022 (RM will be attending.)
 - o HSSC14 VTC Prep: April 11, 2022 (May not affect task group members)
 - o EM may need to attend MSC 105 starting from April 20th to the 29th.

- Does 12:00 p.m. UTC still work for everyone? Or move the meeting up to 11:00 a.m. UTC because of daylight saving time?
 - o Keep in mind daylight saving time is already in effect in CAN and USA since March 13th and will be in effect in DEU and GBR on March 27th.
 - The group decided to continue with the 12:00 p.m. UTC time slot.

April 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

Action Item 12: BG to send out meeting invite for April 19, 2022 at 12:00 pm. UTC and to mention that April 12 to 14, and 20 to 21 can be an option if the 19th does not work out.

Action Item 13: BG to send draft of S-123TG4 minutes to the group for review.

6.3 Additional Topics to Discuss

BG reminded the task group that NIPWG VTC 2022 is on March 22, 2022, and to register if not done so already.

ANNEX A: AGENDA

- 1.0 Opening Remarks
- 2.0 Approval of S-123TG3 Minutes
- 3.0 Approval of Agenda
- 4.0 Review of Action Items from S-123TG3
- 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)	EM
Germany	Philipp Schwedas (BSH)	PS
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
TG3/05	JP to ask UKHO regarding the list of permitted values under categoryOfRadioStation to see which ones are still being used around the world. (Status: Ongoing)
TG4/01	BG to send finalized S-123TG3 minutes to the group.
TG4/02	RM to upload finalized S-123TG3 minutes to the NIPWG Wiki.
TG4/03	EM to send finalized S-123TG3 minutes to be uploaded to the NIPWG website.
TG4/04	HA to provide a document describing the problem regarding the radioCommunications attribute to send to RM to post on the NIPWG S-123 Wiki for further discussion.
TG4/05	BG to revise input paper and include additional paragraph regarding the radioCommunications attribute.
TG4/06	BG to prepare a presentation version of the input paper for NIPWG VTC.
TG4/07	JP to prepare a slide to include with the S-123 task group presentation about shared information types and inline attributes.
TG4/08	BG to look at examples of the CCG RAMN to show the challenges regarding the encoding definition of CoastguardStation .
TG4/09	SJC to look through the UKHO Admiralty List of Radio Signals for examples of MRCC.
TG4/10	PS to look for examples of MRCC in Germany.
TG4/11	BG to send latest version of the cumulative feedback document to the group.
TG4/12	BG to send out meeting invite for April 19, 2022 at 12:00 pm. UTC and to mention that April 12 to 14, and 20 to 21 can be an option if the 19 th does not work out.
TG4/13	BG to send draft of S-123TG4 minutes to the group for review.