9th S-123 Marine Radio Services Task Group (S-123TG) Meeting
August 4, 2022 – Worldwide

Annex A: Agenda   Web Resources
Annex B: List of Attendees   NIPWG Wiki: S-123
Annex C: List of Action Items   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-123TG8 Minutes

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

Action Item 01: BG to send finalized S-123TG8 minutes to the group.

Action Item 02: RM to upload finalized S-123TG8 minutes to the NIPWG Wiki.

Action Item 03: EM to send finalized S-123TG8 minutes to be uploaded to the NIPWG website.

4.0   Review of Action Items from S-123TG8

Action Item	Action Description	Status
TG5/08	**RM** to pick 2 examples from what was provided and exchange it with SJC, as well as apply it to a hypothetical model based on splitting the radiocommunications by theme and method.	**Completed** 2022-08-03
TG8/01	**BG** to send finalized S-123TG7 minutes to the group.	**Completed** 2022-07-20
TG8/02	**RM** to upload finalized S-123TG7 minutes to the NIPWG Wiki.	**Completed** 2022-08-03
TG8/03	**EM** to send finalized S-123TG7 minutes to be uploaded to the NIPWG website.	**BG emailed Y. Guillam** 2022-08-03
TG8/04	**BG** to bring up at NIPWG9 the challenges regarding radio coverage as they go beyond each country's EEZ boundaries.	**Ongoing**
TG8/05	**BG** to bring up at NIPWG9 the question from SJC regarding InmarsatOceanRegionArea as these areas cross national boundaries.	**Ongoing**
TG8/06	**BG** to send out an email for the next S-123 task group meeting for the 1st week of August.	**Completed** 2022-07-21
TG8/07	**BG** to send draft of S-123TG8 minutes to the group for review.	**Completed** 2022-07-20
TG8/08	**BG** to discuss with NIPWG Chair as to what form the List of Changes should be presented at NIPWG9.	**Completed** 2022-08-03

5.0   Review of S-123 Feedback Submitted to Date

Goal is to identify: (1) feedback requiring further discussion and

(2) feedback that can be resolved by the group during the meeting.

Discussion continued regarding technical comments:

- Pages 32 and 33: GMDSSArea
  o GMDSSArea should be based off the area of country responsibility, as described in SJC's comment at the top of page 33.

    Action Item 04: JP to provide an updated description for the DCEG regarding GMDSSArea (emphasis on administrative boundaries)

  o SJC proposes to add country code to GMDSSArea

  o HA noted that in CCG RAMN, Sea Area A1 looks to be formed by a radio service area.
    - It appears to be based off a certain distance from the coast line.

- Pages 33 to 35: NavtexStationArea
  o Similar to GMDSSArea, but it is a coordinated and agreed-upon area.
    - More DCEG guidance is required

  o SJC proposes to encode range to RadioStation instead of the encoded geometry of RadioServiceArea

  o NS says that there are no defined NAVTEX service limits. The location of the transmitter and the intended range tends to be between 200 and 400 nautical miles. If we use this method, it will be simple and avoid controversy.
    - Note: GISIS is the database that IMO maintains.

  o NS mentions that the NAVTEX service area for some countries overlaps with other countries' area, which can cause political issues. However, the services from each station do not overlap.

  o SJC showed her slide from her presentation: NavtexStationArea → NavtexServiceArea
    - Need "idNAVAREA," "txtIdentChar," and "countrycode"
      - The "txtIdentChar" is related to the schedule of transmission.
      - NS agrees with what was proposed by SJC and HA seconds that it resolves encoding issues

  o RM showed his updated slides regarding separating by "radiocommunicationsMethodType" and "radiocommunicationsThemeType" (slide 5)
    - Associating the NavtexStationArea with the "radiocommunicationsMethodsType"
    - HA brought up that there would need to be more encoding guidance as some information may need to be encoded in 2 places regarding NAVTEX information

  o SJC proposes to add country code to NavtexStationArea

  o Proposal noted to change Navtex**Station**Area to Navtex**Service**Area

- <u>Page 39</u>: Class of Emission
    - o RM asked if the emission codes are available in other radio signals publications.
        - ▪ SJC mentioned that there is a lack of information regarding the communication standard and including the Class of Emission would resolve that.
    - o RM asked if it is useful to the mariners to know about these emission codes?
        - ▪ NS mentioned that since it is automated, it is not as useful to the mariners.
    - o SJC proposed that maybe it could be added to the radioMethod (which includes typeOfService, frequencyBand and classOfEmission) from her proposal (slide on RadioCommunicationStation).
    - o It was agreed that an attribute for the class of emission can be added, as long as it is optional, but still need to determine how useful this information is to the mariner.

- <u>Page 41</u>: Service being provided outside of the EEZ
    - o The comment from PS describes the situation where the National Radio Service is provided outside of the EEZ and that the user needs to be informed that there is overlapping of information and be able to decide which source to use.

    Action Item 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.

Action Item 06: BG to send latest version of the cumulative feedback document to the group.

6.0   Next Meeting

6.1   <u>Actions to be Taken by Next Meeting</u>

- **NIPWG9 registration**: Deadline to attend virtually is **August 31, 2022**

- Deadline to submit papers and presentations for NIPWG9: **August 19, 2022**
    o To take into account the NIPWG9 deadline for papers and presentation, it was decided that the group would review the rest of the feedback and send their comments via correspondence for the week of August 8th.
        ▪ If there are any topics that require further discussion within the group, then a meeting can be scheduled for the week of August 15th, if needed, ahead of the August 19th deadline.

Action Item 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.

6.2   <u>Next Meeting Date:</u>
- *Holidays: August 1 (CAN), August 15 (DEU), August 29 (GBR)*
- Check IHO calendar: https://iho.int/en/iho-meetings-and-events-calendar
    o NIPWG – S-128TG: August 23, 2022
    o NIPWG9: September 13 to 16, 2022

August						
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 draft of S-123TG9 minutes to the group for review.

6.3   <u>Additional Topics to Discuss</u>

Do we want to bring up the work done by RM and SJC so far regarding the potential remodelling of the radiocommunications complex attribute to NIPWG9?
- The group is in agreement on splitting the original radiocommunications complex attribute into theme and method complexes.
- Will require more discussion and testing before presenting a proposal to NIPWG

ANNEX A: AGENDA

1.0   Opening Remarks

2.0   Approval of Agenda

3.0   Approval of S-123TG8 Minutes

4.0   Review of Action Items from S-123TG8

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
Canada	Quinn Arruda (CCG)	QA
Germany	Philipp Schwedas (BSH)	PS
United Kingdom of Great Britain and Northern Ireland	Jason Youé (UKHO) Regrets	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
TG8/04	**BG** to bring up at NIPWG9 the challenges regarding radio coverage as they go beyond each country's EEZ boundaries.
TG8/05	**BG** to bring up at NIPWG9 the question from SJC regarding InmarsatOceanRegionArea as these areas cross national boundaries.
TG9/01	**BG** to send finalized S-123TG8 minutes to the group.
TG9/02	**RM** to upload finalized S-123TG8 minutes to the NIPWG Wiki.
TG9/03	**EM** to send finalized S-123TG8 minutes to be uploaded to the NIPWG website.
TG9/04	**JP** to provide an updated description for the DCEG regarding GMDSSArea (emphasis on administrative boundaries)
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.
TG9/06	**BG** to send latest version of the cumulative feedback document to the group.
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.
TG9/08	**BG** to send draft of S-123TG9 minutes to the group for review.