MMSI Working Group Summary Record

Sponsored by USCG and RTCM's GMDSS Task Force

Time / Date: Wednesday, 29 January 2025 1:30 PM until 3:30 PM EDT

Location: Virtual

Meeting was not recorded
Meeting documents available from MMSI Working Group Repository

1. **Welcome, changes to and approval of the agenda**

   Attendees were welcomed and agenda reviewed without changes.

2. **Summary record and consequential actions from October 30ᵗʰ 2024 MMSI Working Group meeting, Noting Action items requiring long term action**

   Summary record was noted without changes.

3. **Action Items from last meeting (updated items in red)**

Action Item	Description	Assigned to	Action
48, 52, 55, 69	**Transferring MMSI registrations** Mike Brown considering process for transferring MMSI-encoded radios to non-federal entity. -Provide the USCG a list of transferred MMSIs (MMSIs outside the block allocated to BOAT US) that could be included in the MMSI allocation table posted at USCG NAVCEN. -How can transferred MMSIs be indicated in USCG NAVCEN MMSI allocation list? -Procedures for transferring MMSI registration among providers. -How can transferred MMSIs be indicated in USCG NAVCEN MMSI allocation list?	FCC (also Mike Brown and David Kennedy)	Mike Brown (NTIA) was unable to attend. Remaining duplication was addressed in agenda 4. No update on transferring registration. Continue
59	Update on USPS assuming Sea Tow MMSI registrations. In process.	Gene Danko	Gene reported some data incompatibility issues were being worked. No transfers have occurred yet but work progresses. Continue.
60, 61, 64, 65, 66	Document procedures for handling MMSI registrations for devices which have been stolen.	Gene Danko, Joe Hersey, Katie Knox, Michael Rhodes	Proposed Version 2.0 was reviewed and proposed changes accepted. FCC noted that the station license and its MMSI do not change when a radio is stolen, so

			the procedure may not be effective in that case. Jason noted FCC will need time to review. Continue.
62	Which provider MMSI data fields are viewable in MISLE? Keep under review. USCG MISLE change requested entered to make all MMSI data fields required in the MOU viewable to the user. The request is being reviewed and likely added to the MISLE work backlog.	Joe Hersey and others	No update. Continue in Long Term.
63	Consider SC101 standard addressing DSC MMSI and Class B AIS static data reset, including data interfaces	Joe Hersey	NMEA PGN expected to be published April/May 2025 edition of NMEA 2000. RTCM SC101 scheduled 25 February. Continue
68	Confirm how maritime radios used by autonomous craft are licensed? Can they be licensed by rule	Katy Knox	Continue
69	Consider what AIS symbol should be used for 111 MID 000 to 111 MID 099?	Ed Thiedeman	Planned US input to ITU-R 5B w/liaison to IEC-Close

4. MMSI duplicate registrations

Joe reported that a review of duplications in MISLE from fall 2024 showed the following:

BOAT US / FCC duplications:

MID	duplicates
338	0
366	7
367	51
368	14
Total	72

SeaTow/FCC duplications: 2

USPS/FCC Duplicates: 1

BOAT US / SeaTow duplicates: 4044

BOAT US/USPS duplicates: 65

USPS/SeaTow duplicates: 3423

Some of these duplicates indicated vessels whose registration had apparently been transferred, but many duplicates registrations showed different vessels.

5. MMSI unused bits that could be repurposed, expanding available MMSIs
- Options in expanding MMSIs – a mathematical puzzle

Joe introduced options in expanding MMSIs document, identifying unused MMSI identities in transmitting MMSIs over DSC (28^5 = 17,210,368) and over AIS (2^{30} = 1 073 741 824 – 999 999 999 = 73,741,825). No current plans for using these identities due to interoperability concerns, but the capabilities exist when needed.

6. Education and reaching out

- Boating Safety Advisory Committee
- Guidelines for including MMSI transfer in boat Bill of Sale by brokers (AI 4)
- Other matters

Brian noted that the current National Boasting Safety Advisory Committee had been dismissed, but the Coast Guard had gotten permission to re-establish it and was in the process of doing so.

7. Any other matters

None

8. Action Items for next meeting

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48, 52, 55, 69	**Transferring MMSI registrations** Mike Brown considering process for transferring MMSI-encoded radios to non-federal entity. -Provide the USCG a list of transferred MMSIs (MMSIs outside the block allocated to BOAT US) that could be included in the MMSI allocation table posted at USCG NAVCEN. -How can transferred MMSIs be indicated in USCG NAVCEN MMSI allocation list? -Procedures for transferring MMSI registration among providers. -How can transferred MMSIs be indicated in USCG NAVCEN MMSI allocation list?	FCC (also Mike Brown and David Kennedy)	Next meeting
59	Update on USPS assuming Sea Tow MMSI registrations. In process.	Gene Danko	
60, 61, 64, 65, 66	Document procedures for handling MMSI registrations for devices which have been stolen.	Gene Danko, Joe Hersey, Katie Knox, Michael Rhodes	A new Version 2.1 addressing the situation where the MMSI was retained was posted for review at the next meeting.
63	Consider SC101 standard addressing DSC MMSI and Class B AIS static data reset, including data interfaces	Joe Hersey	
68	Confirm how maritime radios used by autonomous craft are licensed? Can they be licensed by rule	Katy Knox	

9. Scheduling next meeting
- Thursday 17 April at RTCM Assembly 2025 (hybrid)

Working Group Attendees

Name	Organization	Email
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Brian Moore √	USCG Boating Safety	Brian.m.moore@uscg.mil
Michael Brown X	NTIA	mhbrown@ntia.gov
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NAVCEN MMSI website