**TSG SA Meeting #SP-89E SP-200877**

**15 - 21 September 2020, Electronic meeting (revision of SP-200655)**

**Title:** Reply LS on request for information from IALA

**Response to:** Liaison Note to 3GPP TSG SA Request for information (SP-200310*/IALA C71-11.5.1*)

**Work Item:** MARCOM

**Source:** 3GPP TSG SA

**To:** IALA, 3GPP SA WG1

**Cc:**

**Contact Person:**

#### Name: Hyounhee Koo

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**Send any reply LS to: 3GPP Liaisons Coordinator,** [**mailto:3GPPLiaison@etsi.org**](mailto:3GPPLiaison@etsi.org)

**Attachments:**

**1. Overall Description:**

3GPP TSG SA would like to thank IALA for an interest in the work of 3GPP, particularly the maritime vertical domain.

3GPP would like to provide the following information on the request for information from IALA.

*1. Inform IALA which 5G enabling technologies that are specified in the 3GPP Release 16 technical specification which could be applicable in the maritime domain.*

3GPP would like to inform IALA that Release 16 was completed with both Stage 3 freeze and ASN.1 and OpenAPI specification freeze being approved at the TSG#88e Plenary meetings ending July 3 2020. Release 16 is a major release for the project, not least because it brings IMT-2020 submission – for an initial full 3GPP 5G system – to its completion.

5G enabling technologies specified in Release 16 specifications can be applicable in maritime domain though they may need additional further work to provide more optimized performance and better user experience of maritime communication services over 5G system.

3GPP TS 21.916 specification provides the summary of Release 16 work items including MARCOM that is downloaded from <https://www.3gpp.org/DynaReport/21916.htm>. In addition, 3GPP provides the summary of Release 16 standardization from <https://www.3gpp.org/release-16>.

*2. Inform IALA of ongoing 5G standardization works in 3GPP Release 17 which could be applicable in the maritime domain.*

More 5G system enhancements are set to follow in Release 17, scheduled for delivery in 2021. However, due to the switch from physical meetings to e-meetings this year as the impact from COVID-19, Release 17 completion date is at a high risk of being delayed. IALA can find the information on ongoing 5G standardization works in 3GPP Release 17 from <https://www.3gpp.org/release-17> .

*3. Advise IALA regarding appropriate inputs[to support] development of 3GPP Release 17 for use within the maritime domain.*

3GPP is now working Release 17 Stage 2 and Stage 3 standardizations for more 5G enhancements required by several verticals based on Release 17 Stage 1 service requirements that were completed to be specified in December 2019. So, new requirements from verticals can start to be discussed in Release 18 or Release 19 onwards. In addition, requirements from verticals are generally provided and discussed for Stage 1 standardization in 3GPP SA WG1 by contributions from 3GPP individual members or MRP (Market Representation Partner).

*4. Advise IALA on the schedule for future meetings and other opportunities for input relevant to the maritime domain (such as MARCOM) allowing adequate time to prepare inputs.*

IALA can find the meeting schedule of TSG SA plenary and SA WG1 from <https://portal.3gpp.org/#/>. Due to COVID-19, e-meetings are to be held this year and meeting dates will be updated once they are confirmed. 3GPP TSG SA would like to ask SA WG1 to inform IALA of any study or work relevant to the maritime domain in SA WG1.

**2. Actions:**

**To IALA:**

**ACTION:** 3GPP TSGSA kindly ask IALA to take this information into account.

**To SA WG1:**

**ACTION:** 3GPP TSGSA kindly ask SA WG1 to inform IALA of any study or work relevant to the maritime domain in SA WG1.

**3. Date of Next TSG-SA Meetings:**

TSG SA#90 e-meeting December 9 – 11 2020 eMeeting

TSG SA#91 e-meeting March [TBD] 2021 [TBD]