**TSG SA Meeting #91 (e-meeting) SP-210130**

**18-26 March 2021, Electronic meeting**

**Title: [DRAFT]** **Reply LS on MulteFire PLMN-ID**

**Reply to:** **LS on MulteFire PLMN-ID**

**Release: Release 16**

**Work Item: N/A**

**Source:** SA

**To:** MulteFire Alliance

**Cc:** RAN, CT

**Contact person: Haris Zisimopoulos**

**harisz@qti.qualcomm.com**

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

**Attachments:** None

# 1 Overall description

TSG SA thanks MulteFire Alliance (MFA) on the LS on MulteFire Alliance PLMN-ID. The LS states a condition from the ITU-T for using the MFA PLMN-ID in networks that are based on technical standards that were developed by 3GPP:

“If the requested resources will be used in networks that are based on technical standards or specifications developed by another ROIO/SDO, the applicant shall affirm and provide evidence that there exists mutual consent between the applicant and the other ROIO/SDO regarding the usage of the requested resources for the ROIO/SDO-specified networks”

**Question**: MFA would like to ask for 3GPP to confirm the potential use of the MFA PLMN-ID on 3GPP NR Private Networks.

# **[TSG SA answer]:** It is not within 3GPP mandate to give a consent to MFA or other organizations to use their PLMN-ID on networks compliant to 3GPP specifications. However, 3GPP TSG SA can confirm that in current 3GPP specifications, there can be limitations to use certain PLMN-IDs for 5G private networks depending on which architecture option is used, i.e. Public Network Integrated Non Public Network or Stand-alone NonPublic Network (SNPN). For 5G SNPN, 3GPP specifications allow PLMN-IDs with MCC=999. As an alternative option, the MFA PLMN ID can be broadcasted by 5G SNPN without changes to existing 3GPP specifications.

# 2 Actions

**To MulteFire Alliance**

**ACTION:** TSG SA would like to ask MulteFire Alliance to take the above information into account, to provide information on MFA’s 3GPP NR private network and to confirm that MFA will adopt NR and 5GS technology for private network based on 3GPP specifications without modifications.

# 3 Dates of next TSG SA meetings

See latest meeting information in this webpage: <https://www.3gpp.org/DynaReport/Meetings-SP.htm>