IEEE P802.11  
Wireless LANs

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| Liaison from GSMA re: Recommendations for “Minimum Wi-Fi Capabilities of Terminals” | | | | |
| Date: 2019-03-20 | | | | |
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Abstract

This document contains a liaison statement received from GSMA on the topic of GSMA Wi-Fi PRD TS.22 Version 6 Publication: Recommendations for “Minimum Wi-Fi Capabilities of Terminals”, Version 6.0.

The received liaison is embedded below and reproduced on the following pages. The liaison was received on 2018-12-14 from:

*Paul Gosden I Terminals Director I Technical & Strategy | GSMA I* [*paul.gosden@gsma.com*](mailto:paul.gosden@gsma.com) *I Mobile Number +44 7917 531 045, GSMA Floor 2, The Walbrook Building, 25 Walbrook, London EC4N 8AF*

with the following description:

*Attached is an LS from the TSG Wi-Fi group announcing the resent publication of TS.22 v6.0*

*TS.22 v6.0 is available via the GSMA website but I have attached a copy for your uses.*

*The LS is sent for information only however your comments are always welcome.*





Liaison Statement

| Liaison Statement Title: | Liaison statement regarding GSMA Wi-Fi PRD TS.22 Version 6 Publication |
| --- | --- |
| Security Classification: | Non-confidential |

| Source Meeting Information | | |
| --- | --- | --- |
| Meeting Number | Meeting Date | Meeting Location |
| Post – TSG#34 | 29th November 2018 | Email discussion |

| Document Details | | |
| --- | --- | --- |
| Document Number: | Creation Date: | Document Author: |
| TSGWIF\_364 | 4th December 2018 | Stephen McCann |
| Originating GSMA Source: | Deadline for response: | Liaison Statement Contact |
| TSG Wi-Fi Group | 28th February 2019 | paul.gosden@gsma.com |

| Action Required by Recipient | |
| --- | --- |
| Internal Recipients: |  |
| External Recipients: | 3GPP SA, WBA, WFA, IEEE 802.11 |

# Summary

The GSMA Terminal Steering Group (TSG) wishes to announce the publication of the Recommendations for Minimum Wi-Fi Capabilities of Terminals Version 6.0 (TS.22), inform on next steps and confirm interest to continue the collaboration.

# Background and Introduction

WLAN has become a standard option for radio access in mobile devices. However, mobile terminals have varying degrees of WLAN support, resulting in diverse user interfaces, level of standards support, and feature capabilities with respect to the terminal and operating system; resistance by end users and customers to use WLAN; inability of network operators to offer a consistently implementable WLAN data offloading service causing customer complaints, brand damage, interoperability issues etc.

In 2011, the GSMA TSG kicked off work to agree key principles for the support of usability, authentication, connection management and performance handling on the terminal and to derive and deliver functional recommendations for the client/terminal/OS to be supported.

# Recommendations for “Minimum Wi-Fi Capabilities of Terminals”, Version 6.0

Following the publication of Version 5.0, the TSG Wi-Fi group members, comprised by experts from operators and vendors around the globe, agreed on updates, considering technical and market developments as well as other related standards work. The group enhanced the technical recommendations as well as the document organisation and delivered the *Minimum Wi-Fi Capabilities of Terminals Version 5.0 (GSMA TS.22),* published by GSMA on 7th April 2016 at <http://www.gsma.com/newsroom/gsmadocuments> .

The document consolidates terminal requirements, based on WLAN experiences from operators and further discussions with the TSG operator and vendor membership.

The updates within Version 6.0 cover the following topics:

* Wi-Fi Calling Requirements
* EAP-AKA infrastructure error codes
* Updated WLAN technology from the Wi-Fi Alliance and IEEE 802.11

# Moving Forward

Following finalisation and publication of Version 6.0, the TSG Wi-Fi group will consider if any further updates are required in 2019 or in future years.

# Interest to Collaborate

GSMA TSG has a strong interest to closely cooperate with industry groups driving related work. We welcome your feedback to the current version, ideally by end of February 2019.

# About GSMA TSG

The TSG is an established working group within the GSMA that is tasked to coordinate and drive terminal related matters in GSMA and beyond. The TSG membership has grown to over 255 members from 94 organisations covering the operator, hardware and chipset vendor community worldwide. It has three focus areas:

1. The sharing of terminal related information
2. The alignment of terminal recommendations (and further input to other fora as applicable)
3. The alignment of field and lab test cases

# Contact

In case of further questions and/or feedback to the attached draft input document, these can be directed to Paul Gosden, GSMA Director for TSG [paul.gosden@gsma.com]

# Appendix

“Recommendations for Minimum Wi-Fi ® Capabilities of Terminals Version 6.0” as published on <XX122018>.

**References:**