Liaison Statement

Liaison Statement Title:	Publication of GSMA's Recommendations for Minimal Wi-Fi Capabilities of Terminals v1

Source Meeting Information		
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TSGWIF_111	14th June 2012	Katrin Jordan, Francis Tuazon
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Action Required by Recipient: (Please Tick a box under desired action)		
None – For Info Only	*None – Reply to Earlier LS*	*Info/Clarification Required*
		x
Decision Required	*Approval Required*	*Deadline for Response*

1   Summary

The GSMA Terminal Steering Group (TSG) wishes to announce the publication of the Recommendations for Minimal Wi-Fi Capabilities of Terminals v1 (TS.22), inform on next steps and confirm interest to continue the collaboration.

2   Background and Introduction

Wi-Fi is increasingly emerging as a standard option for radio access in mobile devices. However, mobile terminals have varying degrees of Wi-Fi 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 Wi-Fi; inability of network operators to offer a consistently implementable Wi-Fi data offloading service causing customer complaints, brand damage, interoperability issues etc.

Industry activities in Wi-Fi Alliance (WFA), OMA and others are ongoing but have strongly welcomed operator aligned terminal requirements.

In 2011, the GSMA Terminal Steering Group (TSG) has initiated a Work Item 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.

3 Recommendations for Minimal Wi-Fi Capabilities of Terminals, version 1

Following over a year of dedicated work, the GSMA TSG Wi-Fi working group, comprised by experts from operators and vendors around the globe, has delivered the *Recommendations for Minimal Wi-Fi Capabilities of Terminals*, GSMA TS.22, published by GSMA on 14th June 2012 at http://www.gsma.com/newsroom/technical-documents/ .

The document consolidates terminal requirements based on network / connectivity use cases (captured in the Annex), Wi-Fi experiences from operators and further discussions with the TSG operator and vendor membership.

This document outlines a *minimum* set of Wi-Fi capabilities to be supported by Wi-Fi enabled terminals covering authentication, security, connection management and usability requirements. It acknowledges and references relevant work driven by the 3GPP, by the Wi-Fi Alliance on Hotspot 2.0 and by OMA on the Connection Manager.

The published work also considers recommendations for terminal support compiled by the GSMA WBA Wi-Fi Roaming taskforce; a broad number of recommendations are already well addressed, others will be considered for next versions.

The PRD does not exclude the possibility to additionally support other Wi-Fi not mentioned.

The output serves now as baseline for operators defining their respective terminal requirements, for vendors' implementation and also provide inputs for further progress and specification in 3GPP, WFA & WBA, OMA related to the connection manager, the network support and the hotspot specifications.

4 Moving Forward

Following finalisation and publication of version one, the TSG Wi-Fi group will continue to progress updates for version two planned for publication in H1 2013. Updates will consider additional functionalities (to be) proposed, progress of related work in 3GPP, WFA, OMA as well as any feedback received to the published version

5 Interest to Collaborate

The TSG has a strong interest to closely cooperate with industry groups driving related

work, foremost WFA, WBA, OMA and 3GPP.

We welcome your feedback to the current version, ideally by end of June 2012.

6   About GSMA TSG

The Terminal Steering Group (TSG) is an established working group within the GSMA, tasked to coordinate and drive terminal related matters in GSMA and beyond. The TSG membership has grown to over 45 companies covering the operator and hardware and chipset vendor community worldwide.

The TSG has three focus areas, the sharing of terminal related information, the alignment of terminal recommendations (and further input to other fora as applicable) and the alignment of field and lab test cases.

The terminal recommendation topics addressed are wide and include: Best Practices for the implementation of Fast Dormancy, Minimum Recommendations for Wi-Fi implementations, Best Practice Local Data Wiping Methods, Terminal Requirements for the use of the GSMA HD Voice Logo, Recommendations for Bluetooth Profiles to be supported in mobile phones.

7   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 [pgosden@gsm.org]

8   Appendix

GSMA Minimal Wi-Fi Capabilities of Terminals, (TS.22) version 1 as published on 14th June 2012.