

# LIAISON STATEMENT

## Title: 060901 Publication of Mobile Terminal Testing Recommendation

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Task:	Mobile Terminal Testing
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Response to:	Doc OMA-LS_805-IOP_Reply_to_OMTP_on_Automation_of_Conformance_Testing-20090512-A Liaison Statement
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Attachments:	OMTP Mobile Terminal Testing v1.0

**Summary:** The OMTP recommendations for Mobile Terminal Testing have been published. Version 1.0 of the recommendations can be downloaded from <http://www.omtp.org/Publications.aspx>

The Mobile Terminal Testing document outlines recommendations for terminal implementations to enable automatic testing of terminal capabilities, applications and services - using a wired link - which greatly reduces time to market and testing costs.

The work item supports the use of AT commands and extends the scope of testing using existing or Harmonised Test Interface (HTI) extension commands via a wired test interface. The HTI is a higher level interface that enables the automation of device, application and feature testing.

With the multitude of devices on today's market, developing and launching terminals, applications and services can be a complex and long process. Terminal testing reduces these complexities by enabling testers and developers to identify compatibility issues, correct and retest them. To facilitate and speed up the process, the Mobile Terminal Testing document defines a set of functional terminal requirements and recommendations as well a common set of terminal interfaces, which enable controlled and secure automated testing of devices, services and applications.

The OMTP Mobile Terminal Testing document delivers a set of functional Terminal requirements, interfaces and recommendations that are essential for mobile Terminal (Applications and Services) end-to-end test automation using a wired link.

The possible use-cases might cover:

- Application testing to verify the correct functionality of e.g. browser, MMS, E-Mail, Stress and reliability testing,
- Detection of memory leaks,
- Performance measurements,
- Analysis of influence of external parameters (e.g. Network) through good reproducible test scenarios.

The document was published by OMTP on the 28th of May 2009. It is publicly available at <http://www.omtp.org/Publications/Display.aspx?Id=5217d494-2092-4004-913d-9ad8053f143d> and will and can be adopted by operators via their terminal requirement processes.