

January 13<sup>th</sup> 2009

Ms Susanna Kooistra  
Mr John Meredith  
3GPP MCC  
650, route des Lucioles  
F-06921 Sophia-Antipolis  
France

Dear Susanna and John,

On behalf of Research in Motion UK Ltd, an ETSI Member, I am pleased to announce that Mr Andrew Howell will stand as a candidate for the position of 3GPP TSG CT Vice Chairman.

Andrew has a long history in the development of the specifications for GSM, UMTS and LTE. He has held various Chairmanship positions, including being chair of TSG GERAN from April 2005 to May 2007. As can be seen from the attached CV he has actively participated in TSG GERAN, TSG CT and TSG SA, as well as CT1, SA1, and GERAN2.

If elected Andrew will provide full support to the elected Chair and do all he can to ensure that the development of the 3GPP specifications continues in an efficient, fair and productive manner.

RIM will provide all the necessary support for Andrew, if elected, to allow him to undertake this role, as part of RIM's ongoing commitment to 3GPP.

Yours Sincerely,



Paul Carpenter  
Senior Director, Standards  
Research In Motion Ltd.

# Curriculum Vitae of Andrew Howell

## Current Employment

September 2007 to Present      Research in Motion UK Ltd.

Director, Advanced Technology. Involved with research projects. Also responsible for representing RIM at 3GPP TSG CT, 3GPP TSG SA and 3GPP TSG CT1.

## Standards Experience

### 3GPP

From April 2005 to May 2007, Chairman of TSG GERAN

From May 2000 to March 2005: Vice Chairman of 3GPP TSG CN1.

From January 1999 to date, active member of 3GPP TSG GERAN, 3GPP TSG CT and 3GPP TSG SA, as well as 3GPP TSG CT1, 3GPP TSG SA1, 3GPP TSG GERAN2. Also, some involvement with 3GPP TSG SA2, 3GPP TSG RAN2 and 3GPP TSG T1.

Rapporteur for several 3GPP technical specifications including, TS 23.122 and TS 24.008.

### ETSI

From October 1991 to January 1995, Programme Manager for SMG7.

From October 1998 to February 1999, Chairman of SMG2 Working Party 'A'.

From February 1995 to 'change of responsibility of radio interface from SMG3 to SMG2', active member of SMG3 and SMG3 Working Party 'A'.

From 'change of responsibility of radio interface from SMG3 to SMG2' onwards, active member of SMG2 and SMG2 Working Party 'A'.

Rapporteur for GSM technical specifications: GSM 03.22, GSM 04.14 and part of GSM 04.08.

## Previous Employment

October 1989 to August 2007      Motorola Inc.

October 1999 to August 2007      Mobile Devices Business

Principal Staff Engineer. Responsible for representing Motorola MBD on a number of 3GPP Technical Committees, 3GPP TSG SA, 3GPP TSG CN, 3GPP TSG CN1, 3GPP GERAN and 3GPP TSG GERAN2. Also involved with field testing and development of mobile devices.

July 1999 to October 1999      Cellular Subscriber Sector

GSM Trials Manager. Responsible for overseeing the technical issues relating to 'new technology' trials, in particular GPRS.

January 1998 to June 1999      Cellular Subscriber Sector

Standards Implementation Manager. Responsible for representing Motorola CSS on a number of ETSI Technical Committees (in particular SMG2 and SMG3, but also SMG12), and on 3GPP TSG T WG1 and RAN WG2. Also, involved with field testing of mobile devices and responsible for ensuring the correct implementation of the GSM standards within Motorola Mobile Phones.

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February 1995 to December 1997      Cellular Subscriber Sector

European Standards Development Engineer. Responsible for representing Motorola on a number of ETSI committees (i.e. SMG2 and SMG3 (GSM Signalling aspects), SMG7 (GSM / DCS 1800 Mobile Testing), and SMG10 (Security)). Also, actively involved with the testing of MS (e.g. Dual band MS) and the development of MS software.

October 1991 to January 1995:      On secondment to ETSI PT12

Programme Manager. Responsible for the work of ETSI SMG7 (GSM / DCS 1800 Mobile Testing) including development of type approval tests, maintaining relevant specifications, organising meetings, and liaising with MoU-TWG and NTAAB on all aspects of mobile testing.

April 1991 to September 1991:      European Cellular Infrastructure Division (UK)

Staff Engineer. Responsible for organising testing of A-Interface between Motorola Base Station and other manufacturer's Mobile Switching Centres.

October 1989 to March 1991:      European Cellular Infrastructure Division (USA)

Group Leader. Responsible for organising acceptance testing and integration of hardware and software for Motorola GSM solutions.

August 1983 to September 1989:      Systems Designers Limited

January 1988 to September 1989:

Software Development and Test Engineer. Involved with the development and testing of software for a number of defence related communications projects.

January 1984 to December 1987:      On secondment to Ferranti

Team Leader. Responsible for organising testing of software for naval Command and Control Systems.

August 1983 to December 1983:

Software Engineer. Involved with software development for defence related projects.

October 1982 to July 1983:      Morganite Carbon Limited

Software Developer. Involved in the development of software for stock and production control.

June 1980 to September 1982:      Marconi Space and Defence

Software Engineer. Involved with the development, testing and integration of Command and Control systems for Police and Fire Brigades.

September 1979 to May 1980:      Mettoy Company Limited

Software Developer. Involved in the development of software for stock control.

September 1977 to August 1978:      BP Chemicals Limited

Software Developer. Involved in the development of real time software for process control.

## Higher Education

BSc (Hons) in Mathematics and Computer Science, class 2.1