



April 11, 2011

Ms. Susanna Kooistra
Mr. Paolo Usai
3GPP MCC
Sophia Antipolis
France

Dear Susanna and Paolo:

Research In Motion (RIM) - as member of ETSI - is pleased to announce that Andrew Howell will stand as a candidate for re-election for the post of 3GPP TSG GERAN Chairman.

Andrew is Director of Advanced Technology for RIM, based in the UK, and has been chair of TSG GERAN for the last two years. In addition he actively participates in several of the other 3GPP working groups.

From the attached brief CV you will see that Andrew holds a BSc (Hons) in Mathematics and Computer Science and has extensive experience within the mobile communications field.

If re-elected, Andrew will continue to work towards ensuring efficient, fair and productive meetings.

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

Yours sincerely

A handwritten signature in blue ink, which appears to read 'Johanna Dwyer'. The signature is fluid and cursive, with a long horizontal stroke at the end.

Johanna Dwyer
Senior Director, Global Radio Standards
Research In Motion, Limited.

Curriculum Vitae of Andrew Howell

Current Employment

September 2007 to Present Research in Motion UK Ltd.

Director, Advanced Technology.

Involved with radio research projects and mobile device development and testing. Chair of TSG GERAN from August 2009 onwards. Also responsible for representing Research In Motion UK Ltd on several 3GPP committees (3GPP TSG CT, 3GPP TSG SA1 and 3GPP TSG CT1).

Standards Experience

3GPP

From August 2009 to present, Chairman of TSG GERAN

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 several GSM technical specifications.

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.

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 radio 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 process control software.

Higher Education

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