



MOTOROLA

March 23rd, 2005

Dear Susanna/John

On behalf of Motorola UK Ltd I am pleased to offer our support for Mr Andrew Howell as candidate for the position of 3GPP TSG GERAN Chairman.

Motorola has been a leading member in TSG GERAN since its conception and before that within ETSI SMG. From the attached brief CV you will see that Andrew has a long experience in the specification of GSM and UMTS and has held various Chairmanship positions.

If elected Andrew will aim to ensure efficient, fair and productive meetings.

Should Andrew not be elected, as GERAN Chair Motorola would continue to support his candidature for GERAN Vice Chair position.

Yours Sincerely,

Ian Doig
Standards implementation Manager
Motorola
Les Algorithmes, Bat.
Aristote A
Route des Lucioles BP29
06901 Sophia Antipolis CEDEX
France

MOTOROLA LTD
THAMESDOWN DRIVE
GROUNDWELL
SWINDON SN25 4XY
UNITED KINGDOM

Curriculum Vitae of Andrew Howell

Current Position

Distinguished Member of the Technical Staff, Motorola MDB.

Responsible for representing Motorola MDB on a number of 3GPP Technical Committees, 3GPP TSG SA, 3GPP TSG CN, 3GPP TSG CN1, 3GPP GERAN and 3GPP TSG GERAN2.

Standards Experience

3GPP

From January 1999 to date, active member of 3GPP TSG GERAN, 3GPP TSG CN and 3GPP TSG SA plenary, as well as 3GPP TSG GERAN2 and 3GPP TSG CN1. Also, some involvement with 3GPP TSG SA1, 3GPP TSG SA2, 3GPP TSG RAN2 and 3GPP TSG T1.

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

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

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' to present, 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 Positions Held

October 1989 to Present: Motorola Ltd

November 1999 to January 2003

Personnel Communications

Sector

Principal Staff Engineer. Responsible for representing Motorola PCS on a number of 3GPP Technical Committees, 3GPP TSG SA, 3GPP TSG CN, 3GPP TSG CN1, 3GPP GERAN and 3GPP TSG GERAN2. Responsible for overseeing the technical issues relating to 'new technology' trials, in particular GPRS.

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 MS 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.

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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: **Metttoy 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

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