26 September 2016

Chaesub Lee
Director of the Telecommunication Standardisation Bureau
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Dear Dr Lee

Nomination of John Messenger as a Vice-Chair of ITU-T Study Group 15

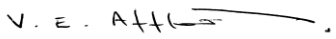
With reference to TSB Circular 204 of 9 March 2016, I have the honour, on behalf of the UK, of nominating John Messenger as a candidate for Vice-Chairman of ITU-T Study Group 15.

He has been actively engaged in ITU-T Study Group 15 for the last ten years being engaged in Questions 9, 10 and 11.

I can confirm that John Messenger possesses the requisite technical knowledge, expertise and management skills for the position and that he will be available for the full study period (2016-2020).

I attach a copy of his biography which amply demonstrates his suitability for the position.

Yours sincerely



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John Messenger

Summary

Professional engineer specialising in telecommunications and computer networking. Manager of small teams. Product line and development management experience. Wide knowledge of international standardisation in computer networking and telecommunications. Strategic and tactical focus on standardisation. I enjoy understanding customer problems and providing knowledge, drive and enthusiasm to the teams responsible for producing solutions.

Specialties: Network bridging, routing, protocol design. Product feature specification. ASIC, FPGA and embedded software oversight and management. UK company director.

Experience

Vice-Chair: IEEE 802.1
March 2014 – Present

The Vice-Chair is responsible for running meetings for which the Chair is unavailable and for running the IEEE 802.1 Maintenance Process. Working with the chair, I assist with development and promotion of volunteers. I also organise various aspects of the meetings including hosting.

Director, Global Standards Activities: ADVA Optical Networking
March 2008 – Present

As part of the advanced technology function in the CTO office, I co-ordinate ADVA's representation in international standardisation bodies including ITU-T, IEEE 802, MEF, BBF, IETF, ETSI and others. This involves some strategic alignment of technical positions and keeping product and engineering management appraised of the latest developments in the standards world, as well as maintaining representation in the standards bodies as necessary. I also act as the company's main representative in IEEE 802, ITU-T and MEF, and act as an advocate for standards within the company and with customers.

Chair, ADVA Works Council: ADVA Optical Networking
January 2013 – June 2014

In becoming a Société Européenne (SE), ADVA Optical Networking formed a European Works Council. Uniquely, we decided to expand its scope to represent employees globally. I served as the inaugural chairman, having also chaired the Special Negotiating Body which set up the agreement for worker participation. I continue as a member of the works council.

System Design Consultant: **ADVA Optical Networking**
April 2003 – March 2008

Moving back into R&D I ran the software development team for a fibre demarcation product incorporating bridging technology. Attending the IEEE 802.1 committee I contributed to multiple standards, organised meetings and ran the website. I also attended the Metro Ethernet Forum technical committee and made presentations. Latterly I have supervised ADVA's standards representation globally.

Senior Product Manager: **ADVA Optical Networking**
October 2000 – April 2003

After bringing a team of engineers into the company from a previous position, I became Senior Product Line Manager and assisted with design and delivery of a fibre-based multiprotocol aggregation product for the telecommunication carrier market. I liaised with customers to ensure the product met their needs. I was one of the team responsible for setting the direction of the Ethernet Access product portfolio in ADVA.
This position took my standards work into T1X1.5 and ITU-T SG15.

Development Manager: **Madge Networks**
April 1998 – February 2000

Taking my team with me, I ran the York design centre for Madge Networks comprising ASIC and firmware engineers developing token ring switch products. I continued to attend IEEE 802.5 and became the vice-chair of 802.5. I edited two 802.5 standards.

Senior Scientist: **Silcom**
August 1997 – April 1998

Proteon transferred my team into Silcom. We developed a proposal for a token ring switch.

Senior Scientist: **Proteon**
July 1993 – August 1997

I ran the UK R&D organisation building the team from 2 to 4 engineers including ASIC and software functions. Developments included a plug-and-play ISA controller ASIC for Proteon's p1394+ token ring adapter card and the rewriting of low-level embedded firmware for the TI TMS380 chipset, plus DOS and Windows drivers and an installation program which was the only part I personally wrote. Later I supervised a complete rewrite of the firmware in line with the 802.5R Dedicated Token Ring standard, to which I contributed. I continued as a member of IEEE 802.5 and later 802.12.

Director: **Clifton Advanced Technology Ltd.**
April 1990 – July 1993

I ran a small business in ASIC and embedded software design and consultancy. Work included modifications to a fibre-optic token ring network product, design of a token ring ASIC and sales, marketing and accounts functions. I also acted as the company secretary.

Senior Design Engineer: **Beale International Technology Ltd**
July 1985 – April 1990

Embedded software engineering of data communication equipment for fibre optic networks. I developed token ring firmware and software and participated in standardisation of IEEE Std. 802.5 and 802.12. I made significant contributions to 802.5C Redundant Token Ring. I also set up the 802.5 website.

Software Engineer: **Bio-Rad Laboratories**
1990 – 1990

Software development in Pascal and C.

Research Engineer: **Standard Telecommunications Laboratories Ltd**
September 1983 – July 1985

Research and development of telecommunication line interface circuits, including ALICE. ASIC design including standard cell design with VLSI Technology process. Software engineering including 'C' on BSD 3.0 and VMS. Here's where I learnt what engineering was really about.

Education

Loughborough University

B.Sc., Electronic, Computer and Systems Engineering, 2(i)
1980 – 1984