

中华人民共和国工业和信息化部

MINISTRY OF INDUSTRY AND INFORMATION TECHNOLOGY
THE PEOPLE'S REPUBLIC OF CHINA

Date: July 12, 2016

To: Ms. Areewan Haorangsi
Secretary General
Asia Pacific Telecommunity

Subject: Nomination of candidates for the Posts of Vice Chairman and WP Chairmen of the APT Conference Preparatory Group for WRC-19.

Dear Ms Haorangsi,

In response to your letter on "Nomination of Candidates for the Post of Chairman, Vice-Chairmen and Other Office Bearers of the APT Conference Preparatory Group for WRC-19" dated on 1 April, 2016, I am very pleased to nominate Mr. GAO Xiaoyang as a candidate for the position of Vice-Chairman of the APT Conference Preparatory Group for WRC-19, Ms. ZHU Keer as a candidate for the position of WP1 Chairman (Land Mobile and Fixed Services), and Mr. LIU Zhuoran as a candidate for the position of WP4 Chairman (Science Issues).

Mr. GAO Xiaoyang is elected as Vice Chairman of CPM19 at RA-15 and served as WG Chairman on Satellite Allocation Issues at WRC-15, Chairman of APG15 WP4 on Satellite Services, Vice Chairman of ITU-R Study Group 4 during 2007-2015, and Rapporteur of CPM Chapter on Fixed Satellite Services of CPM15. With nearly 30 years' experience in Satellite communications and 20 years active participation in ITU and APT activities, his expertise has been well recognized by the radiocommunication community both in ITU and APT.

Ms. ZHU Keer is serving as Rapporteur of Chapter 1 on Land Mobile and Fixed Services of CPM19, and Vice Chairman of APT Wireless Group. She also served as Chairman of APG15 WP2 on Science Issues. Ms. ZHU Keer has been actively participated in APT and ITU activities for the last two WRC study cycles.

Mr. Liu Zhuoran is current Vice Chairman of ITU-R Study Group 7. He served as Drafting Group Chairman on AI 7 at the WRC-15 study cycle and Chairman of Sub-Working Group on Spectrum Monitoring in AWG.

We are confident that all of those candidates are capable for the relevant positions and will contribute positively for our regional preparations for WRC-19 and RA-19. China will

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continuously support and actively be involved in the radiocommunication activities of APT. Chinese Administration will also take all efforts to support our candidates' commitments in their roles.

Please find the attached CVs of our candidates for your kind consideration.

Yours Sincerely

A handwritten signature in Chinese characters, appearing to read '尹青林' (Yin Qinglin), written in black ink.

Director General
Department of International Cooperation
Ministry of Industry and Information Technology, P.R.China

CANDIDATE FOR VICE CHAIRMAN OF APG19

RESUME



Name: Xiaoyang GAO
Nationality: Chinese
Date of Birth: 22 March 1964
Civil status: Married, one daughter
Current Position: Chief Spectrum Officer, Satellite Spectrum Resource Center
China Satellite Communications Co., Ltd (CHINA SATCOM)
China
Expert, the Radio Association of China
Member, Radio Applications and Management Committee, China
Institute of Communications
Vice-Chairman of ITU CPM-19
Tel: +86 10 82798271
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E-mail: gaoxiaoyang@chinasatcom.com

Background of Education

Education in China:

- Bachelor of Engineering in Automatic Control (Honors), 1987
- Course on Navigation Systems, 1987-1988
- Course on Spacecraft Dynamics and Attitude Control, 1988-1989
- Course on Data Processing, 1993
- Program on Advanced Communications Technologies, 2002
- Core Programs on Master of Business Administration, 2006

Education in USA:

- Space Studies Program (SSP) of International Space University, 2012 (ISU-SSP12)

Professional Qualifications

- Senior Professional Engineer, Institution of Senior Professional Engineers, China
- Certificate of English level for Senior Professional Engineer, MIIT China
- Expert, the Radio Association of China
- Member, Radio Applications and Management Committee, China Institute of Communications
- Certificate of ISU-SSP12

Professional Career

Since the year 1987, Mr. GAO had been participating in satellite communications and broadcasting engineering. He began to join ITU relevant activities in 1996. Since then, he had been actively taking part in ITU activities, including Plenipotentiary Conference, World Radiocommunication Conferences, Conference preparatory and satellite-relevant Working Party and Study Group meetings. As Vice-Chairman of Satellite Services (Study Group 4) of ITU during the period 2007-2015, he also chaired as Drafting Group Chairman of APG on Satellite Procedure and Regulatory issues for WRC-12, Working Party Chairman of APG on Satellite Services for WRC-15, CPM Report Rapporteur on Fixed-Satellite Service for WRC-15, Working Party Chairman of WRC-15 on Satellite Allocation issues. By RA-15, Mr. GAO was elected as Vice-Chairman of WRC-19 preparatory meeting.

Nearly 30 years' experience in Satellite Communications and Broadcasting engineering:

- Actively involved in system design, spectrum coordination and finalization of CHINA SATCOM satellite systems. In charge of spectrum planning for new generation of CHINA SATCOM satellite systems.
- Leading CHINA SATCOM spectrum coordination and registration under the framework of the ITU Radio Regulations.
- Good understanding of ITU Radio Regulations and active contributing to the solution of spectrum sharing difficulties.
- Contribution to spectrum efficient applications and management in domestic radio projects

National Activities

Mr. GAO actively participated in civil space service application and management activities. He had been appointing as one of leading Members of the Chinese delegation to ITU World Radiocommunication Conferences (WRCs), and actively took part in discussions on spectrum sharing and frequency allocation issues. His active work was praised with honor by the Administration.

International Activities

He participated in satellite engineering for nearly 30 years, and ITU&APG relevant activities for 20 years, including PP-14, WRCs, Working Party and Study Group meetings, ITU Council and Council Working Group meetings and APT Conference Preparatory Group meetings. He actively discussed and advised his views to resolving technical, operational and regulatory issues.

Publications and Papers

Mr. GAO presented and published papers related to satellite communications and spectrum management. He submitted Analysis on Issues of Orbit and Spectrum Coordination of Satellite Networks and the Determination of Space Service Polarizations. He also directed a paper on Procedures and Coordination Methods of non-GSO Satellite Systems. For the spectrum sharing between space and terrestrial services, he presented his views on frequency efficient use, especially on MSS applications. These articles and papers presented positive effects in Chinese space service applications, and is helpful to resolve spectrum sharing difficulties.

Summary

With the experience in satellite communications for nearly 30 years, combining with extensive and active activities in ITU and Asia pacific region, Mr. GAO, if elected as the Vice-Chairman of APG, will efficiently cooperate with and support the APG Chairman, contribute his best efforts, professional expertise and management experience to APG, jointly consult and coordinate with other ITU regional groups for a harmonious solution, promote further our regional interests during the Conference process, and meet the APT goal regarding WRC agenda items.