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**PLENARY MEETING**

**Document 29-E**  
**2 May 2022**  
**Original: English**

**Note by the Secretary-General**

**CANDIDACY FOR THE POST OF MEMBER OF  
THE RADIO REGULATIONS BOARD (RRB)**

Further to the information published in Document 3, I have the pleasure in transmitting to the Conference, in annex, the candidacy of:

**Mr Attila MAŤÁŠ (Slovak Republic)**

for the post of member of the Radio Regulations Board.

Houlin ZHAO  
Secretary-General


**Annex:** 1



**NOTE VERBALE**

033767/2022-CHSM1-7

The Permanent Mission of the Slovak Republic to the United Nations and other International Organisations in Geneva presents its compliments to the Office of the Secretary-General of the International Telecommunication Union (ITU), and with reference to the ITU Circular Letter CL-21/41 dated 27 September 2021 and with a view to the elections to be held during the Plenipotentiary Conference in Bucharest, Romania (26 September to 14 October 2022), has the honour to inform about the decision of the Slovak Republic to present the candidacy of Mr. Attila MAŤÁŠ for the post of member of the ITU Radio Regulations Board, Region C (Eastern Europe and Northern Asia).

The Permanent Mission of the Slovak Republic to the United Nations and other International Organisations in Geneva avails itself of this opportunity to renew to the the Office of the Secretary-General of the International Telecommunication Union the assurances of its highest consideration. 

Geneva, 2 May 2022



Annex: 4 pages (CV; Vision Statement)

Office of the Secretary-General  
International Telecommunication Union  
Place des Nations  
Geneva

# CURRICULUM VITAE

Mr. Attila MAŤÁŠ

Candidate for election to the Radio Regulations Board of the ITU



## PERSONAL INFORMATION

**Born:** 25.06.1955, Svodov, Slovak Republic

**Nationality:** Slovak

**UN Languages:** English, French, Russian

**Other Languages:** Slovak (mother language), Czech, Hungarian

**Marital status:** married with two adult children

**Contact:** [am@orbitspectrum.ch](mailto:am@orbitspectrum.ch)

**EDUCATION:** Master's degree in radio engineering,  
Czech Technical University, Prague, Czech Republic

## KEY COMPETENCIES AND ACHIEVEMENTS

- Thorough knowledge, understanding and experience in the running of the Bureau and tasks of the Radio Regulations Board (RRB) as part of the Bureau's secretariat, including drafting Rules of Procedures (RoP), contributing to Bureau reports, presenting documents and applying RRB decisions;
- World Radiocommunication Conference (WRC) skilled authority as a result of active participation in all the previous ten WRCs beginning with WARC-92 (Head of delegation) up to WRC-15 as part of the Bureau's secretariat or senior spokesperson on space related Agenda Items and WRC-19 delegate;
- Extensive experience in organizing the ITU Radiocommunication World, Regional and sub-Regional Seminars and providing lectures and workshops with a special focus on developing countries and new space fairing administrations;
- Manager of the Bureau's "space team" created to design the processing and publication system based on electronic submission of notices (RES-55). This significantly contributed to the speeding up of the processing of space filings and elimination of the "satellite filing backlog";
- Key developer and manager of the BR IFIC (space services) in 6 languages of the Union;
- Leader in developing the "proof of the concept project" for implementation of the ITU secure web-based communication and space filing system (e-Communications and e-Submissions);
- Successful carried out the task of Secretary of RES-609 RNSS Consultation meetings;
- Architect of the first ever ITU Symposium and workshop on small satellite regulations and communication systems;
- Active ITU representative at the UN COPUOS, the International Committee on GNSS (ICG) and the IAF.

## PROFESSIONAL WORK EXPERIENCE

### ➤ 07.2017-Present - Independent Senior satellite orbit/spectrum regulatory consultant

*Selected achievements:*

- provides comprehensive technical and regulatory consultancy on space related projects to administrations, space agencies, satellite operators and new space startups;
- successfully conducted regulatory presentations, workshops and intensive courses in person or on-line, for developing countries with numerous participants from African administrations within the African Advanced Level Telecommunications Institute (AFRALTI), and at the Pacific region during the Pacific Islands Telecommunications Association (PITA) meetings or workshops;

- gives presentations, workshops and lectures to universities and presents at satellite congress and symposia and an active participation at WRC-19 and WPs-4A, 4C, 5B, 7B and 7C (ITU-R sector member – LS telcom or ITU Academia member– Czech Technical University Prague).

➤ **12.1993-06.2017 - ITU, Radiocommunications Bureau**

*Selected achievements:*

- has been successively engineer, Head of Space Master Register and Recording section and then Head of Space Publications and Registration (SPR) division (2007 – 2017);
- directly in charge of receivability, processing and publication of space system and Earth station filings, submitted by administrations, for inclusion in the formal coordination procedures or notification/recording in the Master International Frequency Register (MIFR);
- as part the Bureau secretariat to the RRB, regularly involved in the drafting of RoP, preparation of the BR reports, presenting documents at the RRB meetings and in applying the RRB decisions related to space services;
- designer and publisher of the SSD website and implemented the on-line “as received” satellite filing distribution to administrations and the space community;
- manager of the “space team”, created to design the processing and publication system based on *mandatory electronic submission of space notices* (RES-55) that significantly contributed to the speeding up of the processing of space filings and eliminated the “satellite filing backlog”;
- designer and publisher of the Bureau International Frequency Information Circular (BR IFIC) space service in 6 languages of the Union;
- leader of the project which accomplished complete scanning and indexing of paper WIC publications and introduction of the SNL online reference publication system since the first space filing (1965);
- successful secretary of the RES-609 RNSS Consultation Meeting (CM) with a responsibility to create the annual “effective” RNSS list, submit the Bureau’s determinations and publish the CM decisions. This resulted in a more than 14 years effective protection of ARNS and sharing with the RNSS;
- initiated the secure web based communication system (PP-10 and PP-14 Dec. 5 and RES-907 & 908) and lead the “proof of the concept” project team which successfully resulted in the implementation of the Bureau state of art, secure web based communication and space filing system (e-Communications and e-Submissions). This online system substantially contributed to the uninterrupted communication between the Bureau and administrations during the recent Covid pandemic lock down;
- has been a trusted source of regulatory information and education to the Academia small satellite community for which in most cases it was the first ever satellite project within the administrations;
- has been the architect of the very first ITU Symposium and Workshop on small satellite regulation and communication systems in Prague (CZE) in 2015 which resulted in the “Prague Declaration on Small Satellite Regulation and Communication Systems” *urging the small satellite community to comply with the applicable international and national laws, regulations and procedures, the avoidance of harmful interference and proper management of space debris.*

➤ **03-11.1993 - Independent satellite communications consultant**

*Selected achievements:*

- successfully designed the first VSAT network for the Slovak government;
- carried out the engineering calculations and regulatory AP7 coordination and notification of the Slovak TV broadcasting SNG Earth station.

➤ **01-03.1993 – Governmental commissioner**

*Selected achievements:*

- responsible for the coordination and regulatory splitting of the national telecommunication network between CZE and SVK, including membership in the ITU and other international organizations.

- **1991-1992 - First Deputy Minister, Federal Ministry of Communications, Prague, Czechoslovakia**  
*Selected achievements*
  - responsible for the postal and telecommunication sector;
  - chairing the governmental inter-sectorial frequency coordination group;
  - leading the Czechoslovak delegation at WARC-92 and APP-92;
  - directed the group responsible for the detailed re-codification, modification and amending of the Czechoslovak Telecom Law, Broadcasting Law and introduction of new VAS and VSAT licensing;
  - Signatory of the adhesion to EUTELSAT, INTELSAT and head of delegation to INTERSPUTNIK.
  
- **1980-1991 - Radiocommunication Administration, Bratislava, Slovakia**  
*Selected achievements:*
  - Director of the radio-relay network – sector West, broadcasting tower Bratislava-Kamzik;
  - Installation and operation of the first Earth station in Slovakia,
  - group leader - maintenance of the Slovak radio-relay telecomm network,
  - system engineer of radio-relay links and network designer, responsible for frequency planning and interference calculation using computer based digital terrain calculations.

## **INTERESTS**

- 4U1ITU amateur station manager, International Amateur Radio Club (IARC);
- Amateur-satellite communication from the 4U1ITU amateur station with the ISS, involving Geneva based secondary school students (ARISS);
- Licensed radioamateur OM1AM & HB9IAJ – interested in antenna and HW constructions, HF and amateur-satellite communication and Earth-Moon-Earth (EME) communication;
- Satellite orbit simulation and tracking tools;
- Flight simulator pilot;
- Mountain biking.

## **PUBLICATIONS**

- JWST - Trajectory, Communications, and Instrumentation Comprehensive Analysis (Co-Author, paper submitted to the 2022 AAS/AIAA Astrodynamics Specialist Conference);
- Spectrum Frequency Allocation Issues and Concerns for Small Satellites (Co-Author, Handbook of Small Satellites, Springer 2020);
- ITU Regulatory Regime to non-GSO FSS, RNSS and SDM (Volume on Space Laws, University of Brest, 2020);
- Space Security and Frequency Management (Co-Author, Handbook on Space Security, Springer, 2019);
- Several papers on the ITU Radio Regulations and ITU-R Recommendations related to the RNSS, ARSS, Deep space, non-GSO FSS, small satellites & SDM (International Astronautic Congress - IAC-2010-18);
- RNSS and the ITU Radio Regulations (Co-Author, Inside GNSS, JAN.2018);
- Guidance on Space Object Registration and Frequency Management for Small and Very Small Satellites (Co-Author, ITU-R & UN OOSA, 2016).

## **VISION STATEMENT**

I have more than 40 years of experience in real telecommunication business, governmental and Telecom administration activities, as well as in the international sphere. After acquiring a vast knowledge of wireless technologies and the practical application of various satellite services, I have been very active internationally and played a leading role in the activities of the ITU-R community, where I successfully mastered the technical and regulatory challenges relating to terrestrial and space radiocommunication services serving in various capacities as radio-engineer, technical director, governmental official, Head of Division at the ITU Radiocommunication Bureau and currently as a highly recognized senior satellite orbit/spectrum consultant.

Personally, I am a strong believer in technology and yet I am also fascinated by the potential and power of the human spirit. When the issue of building a fast, economical, and reliable telecommunication network emerges, I have always been positive and influential, offering very constructive ideas leading to practical solutions based on wireless terrestrial or space communication system to suit all specific needs.

I am also convinced that the space communication service is the most logical choice to provide fast broadband connection to unconnected regions of the world, particularly in the developing countries.

As per ITU's Constitution, Convention and the Radio Regulations, I am an unflinching advocate of the fact that radio frequencies and satellite orbits are limited natural resources and that utmost care is necessary when using these common resources, always in conformity with the provisions of the ITU regulations. I believe and defend the idea that to successfully implement any radiocommunication projects, ITU member administrations and operators should setup appropriate frequency management and coordination system schemes as prescribed in ITU's published literature. Complete adherence to ITU's Radio Regulations should be central to all decisions to avoid or mitigate harmful interference between all radiocommunication services on a global basis.

### **If elected as a member of the Radio Regulations Board, I commit to:**

- Always act in accordance with the ITU Constitution, Convention and the Radio Regulations;
- Search for a consensus-based solution with due respect of the views of other RRB members;
- Serve the ITU Member States through careful attention to their requests, in particular those of the developing countries;
- In this most hectic and turbulent time, to initiate as required, careful action and subsequent decisions, within the mandate of the RRB, on urgent requests from administrations regarding their radiocommunication projects that may be consequently endangered, before the next WRC;
- Contribute independently to the teamwork of the RRB in a fair and collegial manner;
- Offer to contribute to the RRB with my vast and multi-dimensional technical regulatory experience, as detailed below, at national and international level:
  1. More than 40 years of practical experience in the application of the ITU's Radio Regulations and its associated Rules of Procedures and in resolving cases of Harmful Interference;
  2. Almost 25 years with managerial experience on the Bureau's space and Earth station filings receivability of notices, processing and publication tasks, communication with administrations and satellite operators in order to assist all to fulfil the required procedures of the ITU's RR in a timely and accurate manner;
  3. More than 10 years in-depth knowledge, experience and involvement in the functioning and work of the RRB as part of the Bureau's secretariat, including drafting RoP, BR reports, presenting documents and applying RRB decisions;
  4. Active participant at all previous 10 WRCs starting with WARC-92 until WRC-19

I feel that my exceptional and significant accomplishments in the ITU-R sector make me an ideal candidate to become a Radio Regulations Board member.