



PLENARY MEETING

Document 30-E
5 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:

Dr El-Sayed AZZOUZ (Arab Republic of Egypt)

for the post of member of the Radio Regulations Board.

Houlin ZHAO
Secretary-General

Annex: 1



Arab Republic Of Egypt

*Ministry Of Communications
And Information Technology*

MINISTER

No. : 542

March 27th, 2022

**H.E. Mr. Houlin Zhao,
Secretary General,
International Telecommunication Union (ITU).**

Subject: Candidacy of Dr. El-Sayed Azzouz for re-election at the Radio Regulations Board (RRB)

Your Excellency,

First, I appreciate all your efforts over the past two years to resume ITU work and activities as smooth as possible despite the pandemic and its impact on different life aspects. I also, congratulate you on the return of the ITU conferences and events to be held in person. In this regard, it's our pleasure to actively participate in the ITU activities, and we look forward to continuing to do so in the future.

I am writing you today in context of the ITU Plenipotentiary Conference 2022, which will be held in Bucharest, Romania on the 26th of September to 22nd of October 2022, and the elections which will be held during the conference. The government of Egypt has the pleasure to present the candidature of Dr. El-Sayed Azzouz for re-election at the Radio Regulations Board (RRB) for Region D - Africa.

Dr. Azzouz has been RRB member for the study period 2019 – 2022, during which he also served as Vice Chair of the Board. Moreover, in his capacity as Advisor of the Executive President of the National Telecom Regulatory Authority (NTRA) of Egypt, and as an Associate Professor of Electronics and Electrical Engineering, Dr. Azzouz possesses very high expertise in frequency spectrum management. We are confident that having him re-elected for this position will be a great value to the RRB.

We look forward to continuing our work in ITU in support of our region and all member states with our re-election in the ITU Council and the RRB.

I finally wish you all the best for a successful Plenipotentiary Conference and please accept the assurance of my highest consideration.

Sincerely,

Dr. Amr S. Talaat

Minister of Communications
and Information Technology

*My profound
compliments!*

ElSayed Azzouz



Personal Information

- Nationality: Egyptian
- Date of Birth: 6th November 1961
- E-mail: eazzouz@ntra.gov.eg

Academic Qualifications

- Assoc. Prof. of Electronic and Electrical Engineering - Signal Processing, Cairo, Egypt, January 2003.
- Ph. D. in Electronic and Electrical Engineering, May 1996, Strathclyde University, Glasgow, Scotland, U.K.
- Bachelor of Electrical and Electronic Engineering, July 1984.

Current Positions

- Vice Chairman of the Radio Regulations Board (RRB)
- Advisor to NTRA Executive President

Contributions to Scientific & Training Field

- A book in the field of telecommunications was published by Kluwer Academic Publisher in 1996, in addition to a myriad of scientific articles published in many international scientific journals in the field of telecommunications and digital signal processing techniques;
- Awarded "Mountbatten PREMIUM Award" from IEEE Society for publishing the best article in (IEE) Communication (Journal) in 1998.
- Supervised many MSc., PhD. students in various fields of communications;
- Taught numerous scientific courses in Egyptian universities, including Military Technical College, Cairo University and Ain Shams University
- Trained many specialists in Arab and African countries, especially in the organizational and technical topics of telecom technologies, including satellite technologies, and spectrum management.

Main Practical Achievements

- Participated in the preparation of the draft Media Regulation Law and the draft law of the Egyptian Agency for Space Sciences.
- Participated in the implementation of several national projects through telecom services provision, most importantly:
 - Provided telecom coverage for Border and marginalized areas;
 - Provided telecommunication services for National Project of Strategic Roads for Development;
 - Participated in development of Reclamation of 1.5 million acres of desert land.
- Participated in the preparation of technical, regulatory and economic studies for the issuance of Egypt's Third Mobile License in 2006.
- Participated in the issuance of 3G mobile services license for Etisalat, Vodafone and Mobinil (now Orange) in 2007.
- Participated in conducting the technical, regulatory and economic studies for the issuance of 4G mobile license in 2016, assigning frequencies and allow frequency spectrum re-farming to operators to optimize the spectrum utilization.
- Participated in the issuance of 4G mobile services license for Vodafone, Orange, Etisalat Masr and Telecom Egypt 2016.
- Participated in the national project for the launching the Egyptian satellite for communication purposes.
- Participated in drafting economic feasibility studies for the Egyptian satellite project.
- Participated in the ongoing studies and provision for technical solutions to insure Egyptian borders security.
 - Participated in conducting studies and providing technical solutions for the spillover coverage and interference of Egypt's borders, offering best solutions for its management on the international level, in addition to the preparation of regulatory and technical mechanisms for coordination with regulatory bodies of neighboring countries and their relevant mobile operators in addition to the Egyptian mobile operators concerning the spill-over coverage of border.
 - Participating in the ongoing studies for cybersecurity of mobile generations and digital transformation.
 - Chair of Spectrum management committee of Egypt since 2011.
- Participated in many field surveys and studies for the establishment of the NGE0 Egyptian satellite control station MISRSAT.
- Participate in national committee to review and update spectrum pricing regime. Participate in national committee to review and update equipment importation mechanism and type approval procedure in Egypt.
- Head of committee that was responsible for the preparation of WRC-19 that held in Sharm Elsheikh, Egypt.
- Participate in the preparation of the Egyptian project to launch Nilesat-301 to provide broadcasting & broadband services.
- Participated in presidential initiative decent life (Hayah Karima) to provide telecommunication services in 1500 village across Egypt as 1st phase of the project.

Contributions to ITU Activities

- Vice-Chairman of the RRB in 2021 and 2022.
- Chair of ITU Council 2019.
- Dean of the Radiocommunication Assembly 2019 (RA-19).
- Vice-Chairman of World Radiocommunication Assembly in 2012 & 2015;
- Vice Chairman, Joint Task Group (JTG-4567) (ITU-T).
- Since 2007- Head of the Egyptian delegation commissioned to sign ITU's international treaties of the International Telecommunication Union.

- Since 2012- Vice Chairman of Arab Spectrum Management Group.
- Vice Chairman, SG1 on Radio-frequency Spectrum for 8 years.
- One of the first advocates of the allocation of UHF 470-790 MHz to be shared among the broadcasting service and IMT since WRC-07.
- One of the players to support the allocation of 694-790 MHz band for IMT, as he developed the appropriate mechanism sharing it with the broadcasting service in addition to the determination of spectrum Channeling plan.
- One of the first advocates of increasing IMT bandwidth to be suitable for broadband services.
- One of the first advocates of increasing IMT bandwidth to be in 600 MHz band of mobile services and broadcasting service.
- Participating actively in the majority of ITU meetings, especially in ITU Radio sector.

Dr. Elsayed Azzouz
**Candidate for member (Region D) of Radio Regulation Board (RRB) of the International
Telecommunication Union (ITU)**
2022 Plenipotentiary Conference
Vision Statement

The fact that Radio Spectrum is one of the telecom world's scarce and valuable resources, intensifies the importance of effective frequency spectrum management. This importance of managing frequency spectrum increases day by day, due to the rapid development taking place in the ICT sector, presenting us continuously with new technologies.

Therefore, it's my belief that without international/regional coordination for a better management of frequency, several telecom issues are to be left unsolved and the digital dividend isn't to be bridged easily. Today, after the pandemic of COVID-19, it's more obvious than ever how significant telecommunications, including its resources, have become for different life aspects. It is no longer a dispensable commodity, but rather a basic need for the continuity and development of our socioeconomic life. This said, we have to always keep in mind that frequency spectrum, as the heart of the telecom sector, needs to be well managed, so as to keep the whole sector going, while avoiding any setbacks or obstacles, to make sure the development is never hindered.

With my wide experience in the field of radio spectrum planning and monitoring, as well as in resolving frequency interference problems, together with solving many satellite issues, besides my previous experience in ITU-R study groups and participation in World Radiocommunication Conferences, I am confident that I will be able to add knowledge and experience to the Radio Regulation Board (RRB). It's my pleasure to be able to help, and serve for the good of the telecom sector, and the benefit of the all countries, and in particular the African region.
