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Plenipotentiary Conference (PP-26)
9-27 November 2026 - Doha, Qatar

PLENARY MEETING

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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 Mauro DI CRESCENZO (Italy)

for the post of member of the Radio Regulations Board.

Doreen BOGDAN-MARTIN
Secretary-General

Annex: 1



*The Permanent Representative of Italy
to the International Organizations
Geneva*

06

Geneva, 6 January 2026

Dear Secretary General,

I am pleased to inform you that Italy decided to present the candidature of Mr. Mauro Di Crescenzo for re-election as member of the Radio Regulations Board (RRB) for Region B - Western Europe for the term 2027-2030, in view of the elections to be held during the next International Telecommunication Union Plenipotentiary Conference taking place in Doha, Qatar, from 9 to 27 November 2026. I therefore enclose the brochure of his re-candidature, including his vision, as well as his CV.

Please accept, Ms Secretary-General, the assurances of my highest consideration.

Ambassador Vincenzo Grassi

A handwritten signature in blue ink, appearing to read "Vincenzo Grassi".

Ms. Doreen Bogdan-Martin
Secretary-General
International Telecommunication Union
Geneva

CURRICULUM VITAE



PERSONAL INFORMATION

Name Di Crescenzo, Mauro
Address 24, Via delle fornaci, 00165, Rome, Italy
Telephone + 39 3357834019
E-mail halcorporation@virgilio.it
Nationality Italian
Date of Birth 3 July 1958
Gender male

WORK EXPERIENCE

Dates (from - to) 2023 - Today
Type of work Consultant
Type of business or sector Telecommunications Engineering
Occupation or position held Radio Regulation Board Member
Main activities and responsibilities

- I carry out my duties independently to protect all Member States of the Union in order to have better access to the global information network and to orbital and electromagnetic spectrum resources. In the context of the RRB I contribute to ensuring the application of the ITU Radio Regulations (RR) so that the principles of equity and cooperation are respected.
- I collaborate with the Italian Administration for regulatory and technical activities mainly related to satellite systems.
- As a lecturer I hold the course of "Satellite Systems, Electromagnetic Spectrum Engineering and International Regulation" at the Higher School of Telecommunications of the Italian Administration

Dates (from - to) 1991-2023
Company Telespazio s.p.a., via tiburtina 965, 00156, Rome
Type of business or sector Telecommunication services
Occupation or position held Senior Engineering
Main activities and responsibilities 2017- 2022
Innovation and Technological Governance

In the ITG (Innovation and Technological Governance) department, I am responsible for electromagnetic spectrum management activities, including:

- participation in ITU and CEPT study groups, where I often act as a delegate of the Italian Administration;

- analysis of ITU Radio Regulations and the Italian spectrum regulations;
- assessment of electromagnetic interference among satellite networks and between them and ground stations for fixed services;
- management of publications and coordination of satellite networks.

I deal with coordination of GEO and nonGEO satellite networks, supporting the Italian Administration and the Ministry of Defense. As an expert in Radio Regulations procedures, I am involved in the process of preparing a national strategy for requesting orbital positions and for use of the electromagnetic spectrum.

In particular, I am involved in the ITAL-GOVSATCOM program, which constitutes an important national asset together with the SICRAL satellites network and the CosmoSkyMed systems.

I am supporting the Italian Defense in the coordination procedures (negotiations and technical analysis) for the SICRAL satellites network, Athena Fidus (French-Italian programme), and second generation CosmoSkyMed. I am participating, as frequency manager, in the phase A study of the third generation of SICRAL satellites.

I am studying issues related to the evaluation of interference between geostationary satellites and nonGEO Constellations, and I am collaborating with the Italian Administration for the work of WRC-23 for managing satellites work items including the revision of art.48 of the ITU constitution. In particular, I am focusing on studies issues related to the evaluation of interference between geostationary satellites and non-geo constellations, analyzing in-depth the Recommendation ITU-R S.1503-3.

I am involved in several initiatives managed jointly by MoD and Italian Space Agency (ASI). With reference to ITAL-GOVSATCOM program, I am providing a fundamental support in the process of preparing a national strategy for requesting orbital positions. I identified three orbital positions, submitted three filings and I am leading the relevant coordination activities. I am working on perspective filings for additional orbital positions.

In addition, I am leading the frequency coordination activities for COSMOSKYMED-2 satellites constellation.

In cooperation with the University of Rome (Roma3), I studied and realized a propagation model, including a planar array antenna design, for a mobile broadband communication system operating in Ka band. In particular, the model simulated the antenna performances for an end user terminal installed on trains. In order to estimate the overall properties of the antenna system, we designed and implemented an equivalent model for a satellite communication channel. The equivalent model included the environment simulation (Digital Terrain Model and train movement) as well as the possibility to define the telecommunication system (technical characteristics of satellite, end user terminal and master station). We validated the equivalent model comparing the result of the simulation with a test campaign, in Ku band on board of a train. The study obtained a patent in 2011 from the Italian chamber of commerce (Number:

0001386408).

In the 2017, I led a dedicated team for a measurement campaign to understand interfering issues between terrestrial and satellite operators in the frequency band (3600-3800) MHz. The ITU and CEPT were investigating new frequency allocation for 5G service in the frequency bands 3.6 -3.8 MHz as well as the 27,5 – 29,5 GHz, which represent a risk for satellite teleports operating in the same bands. I analyzed the interference scenario and I explored new solutions to demonstrate that coordination could be possible. Starting from the measurement results and based on the characteristics of the equipment, I identified criteria to define a protection area, around the teleport, able to protect the FSS from harmful interference. The coordination procedure has been a material suitable for the preparation of the WRC 2019.

2007 – 2017 (main activities)

Marketing and Sales Country Manager

South East Asia, China and Australia Country Manager. With the parent company, Finmeccanica, I was involved in negotiation of several projects with local Governments and Defense organizations. Telespazio focalized the commercial activities mainly in Malaysia, Thailand and China. The objective was to take an advantage of the position of Finmeccanica and to start new initiatives in a market where Telespazio was not present. I selected and contacted local partners and with their support, I presented my company to the local institutions (Governmental, Military and space agencies). As a result, we entered in contact with local operators and services providers starting negotiations and agreements to offer Telespazio products. My role was to elaborate and present suitable telecommunication projects to fit the local needs.

In Malaysia, as a follow up of the agreement signed with a local partner, I proposed a commercial collaboration with the Malaysian Satellite Operators in the areas of images acquisition (resource planning, timing of the acquisition process) and in their services in e-landing applications (cadastral maps and services).

In Thailand, I took the opportunity to contact the Thai Ministry of Defense before the launch of a national satellite program for Earth Observation for defense and military applications. The main target of the program was to make available for TMoD data and infrastructure to implement a national competence centre. Due to the Thailand territory characteristics as in example the high cloudiness of some target areas and the presence of dense forests, TMoD was particularly interested in radar data besides optical ones. Within MoD, the final users of Earth observation activities will be ARMY, Air force and Navy.

2004 - 2005

Resident in Dataspazio as Head of Marketing Department

Dataspazio is a company owned by Datamat (51%) and Telespazio (49%). Dataspazio provides software systems for space applications such as Satellite Control Centres, Satellite and Training Simulators, Real-time Data Processing Centres and Mission Specific Engineering Software. I was

responsible for consolidating the traditional market and exploring new business opportunities for state-of-the-art software technologies.

2002 - 2003

Eastern Europe Area - Senior Marketing Manager

I was responsible for market analysis, business development and commercialization of the company's products on the Polish markets.

2000 - 2001

Resident in European Satellite Services Providers (ESSP) based in Brussels as Sales and Marketing Director

I was responsible for building the business and implementing a winning marketing/sales strategy allowing the EGNOS business to identify a profitable customer base for ESSP.

I had the following responsibilities:

- producing ESSP marketing plans ensuring that adequate revenues will be available to sustain the corresponding investment proposals;
- establishing and maintaining a market intelligence database;
- developing a strategy supporting the organization's long-term objectives;
- negotiating service contracts;
- developing knowledge and expertise in satellite navigation products and technologies.

1998 - 2000

European Union Programs

I had the responsibility to find new services and applications in the European Union framework, identifying and coordinating overall activities for submission of proposals, supervision of projects, and commercial rollout of the developed products/services.

1991 - 1998

Frequency Management and International Organizations

As Italian delegate at the INMARSAT (International maritime satellite - London), I was involved in technical and financial matters related to the Organization.

I collaborated in international negotiations on spectrum regulatory matters and in several studies about frequency sharing between interfering networks.

In February 1992 I attended the WARC92 (World Radio Regulation Conference), held in Torremolinos - Spain, as a Delegate of the Italian Administration.

As Italian Delegate at the CCIR 8D and 12 Groups, I was involved in international working groups studying the mobile satellite network.

I acquired a vast experience in the procedures for coordination of geo-stationary and non-geo-stationary satellite networks (IRIDIUM, ODYSSEY, and GLOBALSTAR).

Dates (from - to)	1989 - 1991
Company	DATAMAT s.p.a. - Rome
Type of business or sector	System and Software Engineering
Occupation or position held	Technical Specialist
Main activities and responsibilities	System Engineer for development of the ITALSAT Ground Station Software System. System Integration at the Fucino Ground Station.
Dates (from - to)	1988 - 1989
Company	TESIS s.r.l. - Rome
Type of business or sector	System and Software Engineering
Occupation or position held	Technical Specialist
Main activities and responsibilities	Technical Manager in the EUREKA Advanced Simulator Project, for the implementation of a software tool simulating a radio link between a fixed station and a robot moving in any terrain profile.
Dates (from - to)	1986 - 1988
Company	ITALSPAZIO - Rome
Type of business or sector	System Engineering
Occupation or position held	Technical Specialist
Main activities and responsibilities	As system engineering, I was the technical responsible for the design of satellite antennas for several European Space Agency (ESA) projects. I defined mathematical models computing degradation of antenna radiation patterns due to the antenna's thermal and structural deformation and simulating interference between geo-stationary satellite networks. I then implemented them in software.

EDUCATION AND TRAINING	
Dates	2006
Name and type of organisation providing education and training	Sole 24 ore (Milan)
Principal subjects/occupational skills covered	Sales and Marketing techniques
Title of qualification awarded	certificate of attendance
Dates	1999
Name and type of organisation providing education and training	INSEAD Fontainebleau (Paris)
Principal subjects/occupational skills covered	Marketing in Telecommunications
Title of qualification awarded	certificate of attendance
Dates	1996
Name and type of organisation providing education and training	Project Management (intermediate and advanced) at Frost & Sullivan (London)
Principal subjects/occupational skills covered	Program Management
Title of qualification awarded	certificate of attendance
Dates	1992
Name and type of organisation providing education and training	Administration, Finance and Budgeting at LUISS University of Rome
Principal subjects/occupational skills covered	Financial and economic skills
Title of qualification awarded	certificate of passing the final exam
Dates	1989
Name and type of organisation providing education and training	Digital
Principal subjects/occupational skills covered	VAX/VMS Internal Structure by Digital (Rome)
Title of qualification awarded	certificate of attendance
Dates	1986
Name and type of organisation providing education and training	Degree (GPA 110/110) in Electronic Engineering at the University of Rome
Principal subjects/occupational skills covered	Specialization in Telecommunications and electromagnetism
Title of qualification awarded	Doctor Engineer

MOTHER TONGUE	Italian
OTHER LANGUAGES	
• Understanding	English
• Writing	Proficient user
• Speaking	Proficient user
	Proficient user
• Understanding	French
• Writing	Basic
• Speaking	Basic
Basic	
ORGANISATIONAL SKILLS AND COMPETENCES	National youth swimmer and swimming coach with a license acquired at FIN in 1980. Non-professional pianist Chess and bridge player at club level
TECHNICAL SKILLS AND COMPETENCES	Good knowledge and practice of all main software tools for professional and office use

PUBLICATIONS

Mauro Di Crescenzo, Silvio Ceccuzzi, Antonio Ceccarelli, Giuseppe Corrao, Giuseppe Schettini, "Ka propagation model for mobile broadband services" Joint Conference 2008 14th Ka and Broadband Communication Conference, Matera - September 24th – 26th , 2008

*Mauro Di Crescenzo, Giacinto La Gioia
"The Market of Broadband" Joint Conference 2005 11th Ka and Broadband Communication Conference, Rome - September 25th – 28th , 2005*

Mauro Di Crescenzo, Biagio Schettini "The software integration process for military communications HW/SW systems" 6th Nato Regional Conference on Military Communications and Information Systems 2004 - October 6th –8th , 2004

Mauro Di Crescenzo, E. Guaianella, C. Sansone "Multicast-aware QoS in Next Generation Networks" - 6th Nato Regional Conference on Military Communications and Information Systems 2004 - October 6th –8th , 2004

Mauro Di Crescenzo, Giuseppe Rondinelli "Multi-modal applications using Galileo – The railway sector" - Atti dell'istituto di Navigazione, Rivista di Navigazione Aerea, Spaziale Marittima e Terrestre - N° 174 March 2004

M. Di Crescenzo, M. Boldrini, G. La Gioia, E Vitali - "ITALSAT as a vehicle for a world-wide interactive multimedia services demonstrations" Second Ka Band Utilization Conference and International Workshop on SCGII - September 24th –26th , 1996.

M. Di Crescenzo, F. Aversa - "A Global Network Management System for Multimedia Services" 9th Tyrrhenian International Workshop on digital Communication September 7th –10th , 1997.

M. Di Crescenzo, M. Boldrini, G. La Gioia, L. Staffa, F. Aversa - "Multimedia Applications field Trials Result and Analysis" Third Ka Band Utilization Conference - September 15th –18th , 1997.

M. Di Crescenzo, F. Aversa - "Multimedia Services: Business Model and Cost Analysis Process" Fourth European Conference on Satellite Communications - November 18th – 20th , 1997.

References will be provided upon request

Mauro Di Crescenzo



Mauro Di Crescenzo

Italy's Candidate for a second term as a
member of the **Radio Regulations Board** of
the International Telecommunication Union



MAURO DI CRESCENZO



Family status: Married

Nationality: Italian

Age: 67

Education: Degree in Electronic Engineering

Languages: Italian, English, French

Expert in national and international regulation of orbital resources and electromagnetic spectrum, low orbit satellite systems constellations, satellite cybersecurity and development of standards, regulations and procedures.

I work to secure better access to the global information network and to orbital and electromagnetic spectrum resources. As a dedicated **Radio Regulations Board member**, I contribute to ensuring the application of the ITU Radio Regulations, to respect the principles of equity and cooperation.

MY STATEMENT



Major contributions during my first term as a member of
the Radio Regulations Board

Over the past term, I **contributed** to the Board's work at a time of rapid technological progress and growing global demand for access to spectrum and orbital resources.

Throughout this time:

- I remained firmly **committed** to **transparency, technical integrity, fairness**, and the consistent application of the Radio Regulations.
- I **protected** the interests of **all Member States** of the Union by securing **equitable access** to orbital, spectrum, and global information resources.
- I **implemented** the ITU Radio Regulations, promoting **equity** and **cooperation**, and reinforcing ITU's global leadership in spectrum and orbital planning.
- I **worked responsibly**, resolving cases, interpreting provisions, and supporting balanced decisions aligned with ITU's mission.
- My work **contributed directly** to progress in telecommunications and accelerated socioeconomic growth, with tangible benefits especially for developing countries.



Why I am running for a **second mandate**

- My **candidacy** is built on **deep expertise** in radio regulatory matters, particularly satellite coordination and the equitable sharing of orbital positions and spectrum.
- With evolving satellite technologies, non-GSO systems, and growing spectrum demands, **continuity** in the Board's work is vital. My experience ensures I can contribute with sound technical judgment and regulatory consistency.
- I am **proud** of the progress achieved with the Bureau and fellow Board members and, if re-elected, I **will continue** to serve with professionalism, impartiality, and dedication.

Professional Career



POSTGRADUATE COURSES

1989] VAX/VMS INTERNAL STRUCTURE BY DIGITAL (ROME)

1992] ADMINISTRATION, FINANCE AND BUDGETING
AT LUISS UNIVERSITY OF ROME.

1996] SALES MANAGER – SOLE 24 ORE (MILAN)

1996] PROJECT MANAGEMENT (INTERMEDIATE AND ADVANCED)
AT FROST & SULLIVAN (LONDON)

1999] MARKETING IN
TELECOMMUNICATIONS AT INSEAD
FONTAINEBLEAU (PARIS)

Telespazio	1991 – 2023
Innovation and Technological Governance	2023
Marketing and Sales Country Manager	2007
Resident in Dataspazio as Head of Marketing Department	2005
Eastern Europe Area - Senior Marketing Manager	2003
Resident in European Satellite Services Providers (ESSP) based in Brussels as Sales and Marketing Director	2001
Frequency Management and International Organizations	1999
Datamat - Rome	1989 – 1991
Italspazio - Rome	1986 – 1988

At the present I collaborate with the Italian Administration for regulatory and technical activities mainly related to satellite systems. As a lecturer **I hold** the course of "Satellite Systems, Electromagnetic Spectrum Engineering and International Regulation" at the **Higher School of Telecommunications** of the Italian Administration