Branko Kovijanić

Born in Cetinje (Montenegro), on 9 February, 1964; married, father of three kids.

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Professional Profile:

<u>President of the Council of the Agency for Electronic Communications and Postal Services</u>, since December 2018

<u>Memeber of the Council of the Agency for Electronic Communications and Postal</u>
<u>Services</u>, since December 2018 till December 2018

Representative of the Council of the Agency for Electronic Communications and Postal Services of Montenegro and member of the General Assembly of BEREC (Body of European Regulators for Electronic Communications)

Manager in the Sector for Planning and Implementation of Base Stations (GSM, RR, Core, Roaming) in MTEL, since May 2007 till December 2008

Chief Engineer in the Sector for Planning of Radio-relay Links (planning, implementation and placing in service) in **PROMONTE GSM** (later TELENOR Montenegro), since February 1996 till May 2007

Developer responsible for drawing-up of major projects for the base stations of mobile telephony in Montenegro, for drawing-up of major projects on trasmission of radio-relay and optical systems for connecting base station for the need of mobile telephony in Montenegro, for drawing-up of technical documentation for extension and optimization of **ProMonte GSM** network with a view to optimizing the existing transmission networks.

Authorized representative of the investors (TELENOR Montenegro) responsible for technical acceptance of mobile telephony facilities on the territory of Montenegro, and measuring of non-ionizing radiation of base stations and its impact on human health.

Engineer for radio-relay systems (**Telecom Montenegro**), maintenance of relay systems, supervision and administration, and analysis of transmission system functioning, participation in their installation.

Work Experience

December 2018 -

Agency for Electronic Communications and Postal Services (EKIP)

President of the Council of the Agency for Electronic Communications and Postal Services

December 2008 - 2018

Agency for Electronic Communications and Postal Services (EKIP)

As **member of the Council**, according to the Law, I participated in preparation and adoption of the following acts:

- Statute of the Agency;
- Radio Frequency Allocation Plans;
- Addressing and Numbering Plan;
- Work Plans with Financial Plans:
- Annual Reports with Financial Reports;
- Decisions defining the amounts of fees to be paid by physical and legal persons, i.e. general acts and other acts, in line with the Law and with the Law related to postal services.

As member of the Council, I also performed other activities defined by the Law and Statute of the Agency. Key activities in the engagement of the Council of the Agency were focused on the following activities:

- Methodology for performing the procedure of the Market Analysis;
- Realization of the project of central administrative data base of ported numbers and provision of number portability service;
- Universal Service in the Electronic Communications Sector;
- Regulation in the field of electronic communications and activities on implementation of the Law on Electronic Communications.

Authorized representative of the Agency in the work of BEREC (Body of European Regulators for Electronic Communications), which is European regulatory body whose members are representatives of all EU Member States.

At the meetings of BEREC and within its professional bodies are prepared and made all significant decisions binding for all EU members as well as for observers, among which is Montenegro, as well.

MTEL Montenegro

Manager in the Planning Sector (GSM, RR, Core, WiMAX, Roaming), and base station implementation

Preparation, planning and entry into service of MTEL, which is the third mobile phone operator in Montenegro.

This process was completed within appr. 70 days, and it was represented at the GSM Congress in Barcelona as a rare occurance (as 2G/3G mobile network of new operator MTEL was implemented and entered into service in the period of a little more than two months) and as such drew a lot of attention.

- Leader of the Project on deploying new broadband technology (WiMAX) for MTEL Montenegro, and on its development, and supervisor of the whole functional team providing guarenteed higher flow speed and more reliable Internet connection, in the third quarter of 2007;
- Active participation and significant contribution to the project of deploying new 3G technology (UMTS-July 2007) by introducing optimizing measures and adopting parameters of 2G and 3G networks, such improving user perception of the quality of mobile network;
- Mentoring familiarizing new personnel with the work of radio planning and network optimization, as well as planning of radio-relay links in the network of MTEL Montenegro.

February 1996 – May 2007

Promonte GSM/Telenor Montenegro Manager for planning and optimization of transmission network in the Planning Sector

- Active participation in the planning of the first base stations of the first mobile network in Montenegro, together with the colleagues from Norway, and monitoring the instalation, implementation and putting into operation of the first base stations of the first mobile network in Montenegro;
- Selection of the location, selection of antenna, defining the courses, assessment of radio coverage, selection and specification of the radio equipment, their capacity, interface connections with the base stations, planning and configuration of the multiplexer in the network;
- Planning and architecture of the first radio-relay SDH ring with the appropriate multiplexer, its configuration and putting into operation;
- TEMS measuring and log files analysis.

February 1991 – February 1996

Telekom Montenegro A.D. Podgorica Backbone Telecommunications Center Podgorica Engineer for radio-relay systems

After completing a one-year internship during which I had been familiarized with several segments within the following companies: Backbone TC Center, JUPAK, AXE International Center, and Information Service, I worked as an engineer for radio-relay systems in Backbone TC Center in Podgorica.

I worked in the maintenance of transmission systems, supervision and management of transmission systems, analysis of the transmission systems operation, also took part in the maintenance of transmission systems in the telecommunications centres in Montenegro, as appropriate, and in realization of the orders (leased links, RTV links etc.), as well as in the transmission system installation, and in the work of the commissions – professional teams etc, CATV maintenance.

Planning, implementation and putting into operation of the first optical links with related line equipment, on the route TC Center Podgorica – Farmaci/Lekići, and on the route TC Center Nikšić – Kočani.

Planning, implementation and putting into operation of the first digital PDH radio-relay links of 4E1 capacity, with related multiplexer and DDF, on the route Backbone TC Center Podgorica – TC Center Cetinje, and on the route TC Center Rožaje - TC Center Berane, through three passive reflectors.

Planning, implementation and putting into operation of the first international digital PDH radio-relay link of 70Mb/s capacity/speed, with related multiplexer and DDF, on the route Štirovnik, Lovćen – Angelo Sante, Bari, Italia, with antenna system consisted of three space diversity antennas, which was a great endeavour at the time.

Education and Professional Training

July 1991 Graduated from the Faculty of Electrical Engineering in Podgorica, Electrical

Engineer, Department of Electronics and Telecommunications;

April 2015 Interdisciplinary postgraduate expert studies in the field of <u>REGULATION</u>

OF ELECTRONIC COMMUNICATIONS MARKET Univ. Spec.

Elect. Comm.

Faculty of Electrical Engineering and Computing in Zagreb FER, Republic of

Croatia

November 1995 A two-week training related to the work of GSM Radio Planning, held in Telenor,

Oslo, Norway, one of four members of the Montenegrin pioneer team of engineers, the most important for initiating the planning of the first network mobile telephony

network in Montenegro.

1996-2008 Certified training provided by **Promonte GSM/Telenor**, and by MTEL: more

than twenty various specialisation courses in the field of radio planning and radio optimization of 2G and 3G network (**Ericsson**), organized in Ericsson training centers (Dublin, Ireland / Stockholm, Sweeden / Genoa, Italy), the courses related to radio-relay systems in **NERA Training Center** (Bergen, Norway), **NEC Training Center**, and **CMI Training Center** (Houston, Texas, the USA), and for

the training on multiplexer equipment ECI (Tel Aviv, Israel).