ANACOM AUTORIDADE NACIONAL DE COMUNICAÇÕES

SPECTRU

BIMONTHLY NEWSLETTER

207

MAI/JUN 2020

More information at: **www.anacom.pt**

ANACOM CHAIR AT PARLIAMENTARY HEARING

The chair of the Autoridade Nacional de Comunicações (ANACOM) Board of Directors, João Cadete de Matos, took part on 9 June in a parliamentary hearing held by the Committee for Economy, Innovation, Public Works and Housing to present the respective activities plan and programme for its development, and to discuss competition in the telecom sector and the consequences of 5G implementation. **(+)**

ANACOM IMPOSES FINES AMOUNTING TO 1.3 MILLION EUROS

From January to April ANACOM ruled on 82 administrative offence cases, 57 of which resulted in the imposition of fines, corresponding to 70 percent of the decided cases. Fines during this period amounted to 1.3 million euros. The infringements fined during the period from January to April concerned noncompliance with obligations regarding the installation of telecommunication infrastructures in buildings, noncompliant radio equipment, use of radio networks and services, provision of value-added services based on SMS-sending and obligations and prohibitions envisaged in the Electronic Communications Law. **(+)**

OPINION ON CONCENTRATION OPERATION

By decision dated 7 May, ANACOM approved the opinion on prior notification of a concentration operation consisting of IBASIS Portugal's acquisition of exclusive control of NOS International Carrier Services, following a request from the Competition Authority. **(+)**

ANACOM RESUMES CONSULTATION PROCEDURES

SUSPENSION OF CONSULTATION PROCEDURES ENDS

By decision dated 1 June, pursuant to the provisions of Law no. 16/2020 of 29 May, determining the end of the suspension of procedural periods, ANACOM informed interested parties that per the terms of that law, the deadlines for the following consultation procedures are 3 July:

- Draft regulation on allocation of frequency usage rights for 5G and other relevant bands (700 MHz, 900 MHz, 1800 MHz, 2.1 GHz, 2.6 GHz and 3.6 GHz). Contributions submitted to reg.leilao@anacom.pt; **(+)**
- Modification of the frequency usage right held by Dense Air Portugal. Contributions submitted to alteracao-duf-denseair@anacom.pt. **(+)**

ANACOM also made public that per the terms of what is set out in Law no. 16/2020, published on 29 May, the following consultation procedures end on 3 July:

- DTT service price charged by MEO. Contributions submitted to precostdt@anacom.pt; **(+)**
- Universal postal service – evaluation of quality of service indicators. Contributions submitted to iqs-ctt@anacom.pt; **(+)**
- Draft regulation on the renumbering methodology for access and use of infrastructures. Contributions submitted to reg.metodologia@anacom.pt. **(+)**

COMMUNICATIONS IN PORTUGAL

NEWS

ADMINISTRATIVE OFFENCE CASES

In the area of electronic communication services, the Autoridade Nacional de Comunicações (ANACOM), imposed the following sanctions for administrative offences:

1. Telecommunication infrastructures in buildings

- MEO Serviços de Comunicações e Multimédia (MEO) – single fine amounting to 162,500 euros; **(+)**

2. Value-added services based on message-sending

- ERICSSON Telecomunicações – single fine of 23,000 euros; **(+)**
- MEO – single fine amounting to 22,500 euros. **(+)**

2019 ANNUAL REPORT AND ACCOUNTS

ANACOM has released the 2019 Annual Report and Accounts, containing information about human resources, tangible fixed assets, intangible assets and investment, economic and financial analysis and the proposed application of results and financial statements referring to financial year 2019. **(+)**

TRENDS IN TELECOMMUNICATIONS PRICES

ANACOM has published the Trends in Telecommunications Prices report with figures for the month of April. It includes information about evolution of the consumer price index and telecommunications prices, and also compares telecommunications price trends in Portugal and the European Union. **(+)**

THE COMMUNICATIONS SECTOR IN 2019

ANACOM has published the report on The Communications Sector in 2019, which describes the electronic communications and postal sector in 2019, explaining its evolution during that year. **(+)**

ENTRIES AND REGISTRATIONS IN THE 1ST QUARTER

ANACOM has published graphic information depicting the state of the electronic communications, postal service, and audiotext and message-based value-added service sectors in the first quarter. **(+)**

T'COM INFRASTRUCTURE WEBINARS – PRESENTATIONS

Recordings from the four sessions of the webinar on the New ITED-ITUR Manuals, held on 30 April and 4, 5 and 6 May, are available for consultation. **(+)**

ITED-ITUR – NEW T'COM INFRASTRUCTURE MANUALS

ANACOM approved on 23 April the new forms delineating project liability and execution liability regarding telecommunications infrastructures in buildings (ITED) and in housing estates, urban developments and groups of buildings (ITUR), modified and adjusted following the approval and entry into force of the new ITED (4th edition) and ITUR (3rd edition) manuals. **(+)**

COVID-19

- Temporary spectrum use

ANACOM has authorised temporary licence-free spectrum use to NOS Comunicações under Decree-Law no. 10-D/2020 of 23 March, which establishes temporary and exceptional epidemic response measures for the electronic communications sector. **(+)**

- Measures to ensure normal functioning of the sector

With a view to protecting consumers and ensuring that the sector functions normally during the current exceptional period, ANACOM adopted a set of measures specifically addressed to consumers, small and micro businesses, organisations (including non-profits) and electronic communication service providers. It has also taken steps to boost monitoring. **(+)**

ANACOM PUBLIC PARTICIPATION

ANACOM Board of Directors Chair João Cadete de Matos met last 25 May with Territorial Cohesion Minister Ana Abrunhosa, Inland Development State Secretary Isabel Ferreira and Deputy State Secretary Conceição Carvalho. **(+)**

The head of ANACOM's Madeira office, José Nelson Melim, addressed COVID-19 pandemic response measures in the electronic communications sector when participating:

- on 15 May in the Madeira Viva programme of RTP Madeira; **(+)**
- on 6 May in the ANACOM Space section of Rádio Jornal da Madeira; **(+)**
- on 1 April in the ANACOM Space section of Rádio Jornal da Madeira. **(+)**

ANACOM was also present in the 6 May and 1 April issues of the newspaper Jornal da Madeira, with articles about:

- COVID-19 pandemic response measures concerning the electronic communications sector; **(+)**
- Electronic communications service use during the pandemic. **(+)**

OPERATORS/PROVIDERS OF COMMUNICATION SERVICES AND NETWORKS

ELECTRONIC COMMUNICATION SERVICE PROVIDERS	No. of registered entitites [a] [b]	No. of operational entities [a] [c]
TV signal distribution service	20	12
Mobile telephone service		
Mobile network operators (MNO)	3	3
Virtual mobile network operators (MVNO)	6	4
Telephone service at a fixed location	21	16
Internet access service		
Fixed broadband	51	41
Mobile broadband [d]	11	9
Nomad voice over internet service (nomad VoIP) [e]	30	18
Public payphone service	4	2
Virtual calling card service	11	9

POSTAL SERVICE PROVIDERS	No. of authorised entities [a] [f]	No. of operational entities [a] [g]
Postal services outside the scope of universal service	77	66
Postal services covered by the scope of universal service	17	12

a) Situation at 31 March 2020.
b) Number of companies listed in the registry of companies offering electronic communication networks and services.
c) Includes operational providers with retail and/or wholesale offerings.
d) Besides MNOs and MVNOs, includes three companies that have indicated their intention to provide mobile internet access service in automotive vehicles/other equipment (two of them already provide the service).
e) Service provided with recourse to the '30' numbering range.
f) Number of companies listed in the register of postal service providers.
g) Includes 22 companies providing the service under the MRW brand on a franchising basis (the company Ibercourier owns the MRW brand), 17 companies providing the service under the Nacex brand on a franchising basis (the company Logista owns the Nacex brand), 1 company providing the service under the Enviália brand on a franchising bases and 1 company providing the service under the SEUR brand on a franchising basis.

TRANSFER OF FREQUENCY USAGE RIGHT

• The Autoridade Nacional de Comunicações (ANACOM) has made public that it received from the Regulatory Authority for the Media (ERC – Entidade Reguladora para a Comunicação Social) a request for a decision on the manifest intent of M90 Radiodifusão to transfer to Rádio Sem Fronteiras its allocated frequency usage right for the exercise of audio broadcasting activity. **(+)**

• By decision dated 2 April, ANACOM did not oppose the transfer to the ownership of Código Suplente of the frequency usage right in the 87.5-108 MHz band allocated to FMEASY Empresa de Radiodifusão e Informação. **(+)**

MEO COST-OF-CAPITAL RATE (2020)

ANACOM decided to suspend the work meant to determine the cost-of-capital rate to consider for regulatory purposes in the 2020 cost accounting system of MEO Serviços de Comunicações e Multimédia, until there is more visibility regarding the result of work by the European Commission (EC) and the Body of European Regulators for Electronic Communications (BEREC). This was done bearing mind the EC notice dated 6 November 2019, titled "Commission Notice on the Calculation of the Cost of Capital for Legacy Infrastructure in the Context of the Commission's Review of National Notifications in the EU Electronic Communications Sector", without prejudice to the possibility of reassessing this situation after 30 June. **(+)**

ANACOM DECISIONS – SUMMARY OF THE 1ST QUARTER OF 2020

Full information available at www.anacom.pt

DATE	DECISIONS
27.03.2020	Approval of addendum to the national roadmap for the 700 MHz frequency band (decision) **(+)**
26.03.2020	Criterion associated to universal postal service quality indicators (draft decision) **(+)**
19.03.2020	Cost accounting system of MEO Serviços de Comunicações e Multimédia (MEO) – financial year 2017 (decision) **(+)**
19.03.2020	Decision on quality of service indicators (QSIs) (decision) **(+)**
19.03.2020	Decision on cutting traffic on the A1 highway on 30.10.2019 for the purpose of calculating QSIs (decision) **(+)**
19.03.2020	Suspension of consultation deadlines concerning the draft regulation of the auction of the frequency usage right to be allocated in the 700 MHz band (decision) **(+)**
13.03.2020	Declaration issued to NOS Wholesale for provision of electronic communication services (decision) **(+)**
12.03.2020	Tender for acquisition of a study on postal service user needs (decision) **(+)**
12.03.2020	Approval of the ITED (4th edition) and ITUR (3rd edition) manuals (final decision) **(+)**
11.03.2020	Extension of deadline to submit contributions for the consultation on the draft regulation of the auction of relevant bands for 5G (decision) **(+)**
09.03.2020	Approval of the report on the public consultation on universal postal service provision after the current concession expires (final decision) **(+)**
02.03.2020	Issuance of declaration to NC COURIER for provision of postal services (decision) **(+)**
27.02.2020	Adjudication for provision and operation of an electronic auction platform (decision) **(+)**
27.02.2020	Declaration issued to Devino Marketing for provision of electronic communication services (decision) **(+)**
26.02.2019	Cancellation of registration of LISESPO Transportes (decision) **(+)**
20.02.2020	Update of the maximum prices for voice call termination in individual fixed networks to be charged by notified operators with significant market power (SMP) (decision) **(+)**
20.02.2020	Update of the maximum prices for voice call termination in mobile networks to be charged by notified operators with significant market power (SMP) (decision) **(+)**
20.02.2020	Intervention request by MEO to resolve its dispute against NOS Comunicações (NOS), concerning the price of mobile-mobile termination services in 2001 (final decision) **(+)**
20.02.2020	Modification of frequency usage right held by Dense Air Portugal (draft decision) **(+)**
17.02.2020	Extension of deadline of the public consultation concerning the draft regulation on the methodology of renumbering for access and use of infrastructures (decision) **(+)**
13.02.2020	Decision on CTT's request to deduct from records mail affected by the passage of hurricane Lorenzo in the Azores Autonomous Region for the purpose of calculating QSIs (decision) **(+)**
13.02.2020	Approval of revised prices of lines linking the Portuguese mainland, the Azores and Madeira, and of inter-island lines, in 2019 (final decision) **(+)**
06.02.2020	Authorisation to exempt NOS from delivery of the contributory amount for the universal electronic communications compensation fund with respect to the net costs of universal service for 2018 (decision) **(+)**
06.02.2020	Public tender to supply electricity to ANACOM facilities (decision) **(+)**
06.02.2020	Approval of draft regulation of the auction to allocate frequency usage rights in the 700 MHz, 900 MHz, 1800 MHz, 2.1 GHz, 2.6 GHz and 3.6 GHz bands (decision) **(+)**
31.01.2020	Adjudication of external occupational health services (decision) **(+)**
24.01.2020	Issuance of declaration to Prodevice for provision of electronic communication services (decision) **(+)**
22.01.2020	Adjudication of printing services for a letter and leaflet on digital terrestrial TV (DTT) and envelope, for the third to seventh phases of the DTT network modification process (decision) **(+)**
22.01.2020	Adjudication of the service of supplying 14 vehicles on an operational vehicle leasing basis (decision) **(+)**
22.01.2020	Approval of the final decision on CTT's request to use transponders when measuring QSIs (final decision) **(+)**
17.01.2020	Adjudication of handling/envelope services for a letter and a leaflet and respective distribution to all households in civil parishes covered by the third to seventh phases of the DTT network modification process (decision) **(+)**
17.01.2020	Approval of the list of entities that must contribute to the universal service compensation fund and setting of the value of contributions with respect to the net costs of universal service for 2018 (final decision) **(+)**
17.01.2020	Approval of injunction imposing prior prohibition of unfair competition in the scope of DTT (decision) **(+)**
13.01.2020	Issuance of declaration to GPON Networks for provision of electronic communication services (decision) **(+)**
10.01.2020	Cancellation of registration of Nacacomunik Serviços de Telecomunicações (decision) **(+)**
09.01.2020	Issuance of declaration to OPENPHONE for provision of electronic communication services (decision) **(+)**
09.01.2020	Notification to the European Commission concerning the revision of prices of lines linking the Portuguese mainland, the Azores and Madeira, and of inter-island lines, for 2019 (draft decision) **(+)**
09.01.2020	Approval of publication of report evaluating the performance of mobile services and of GSM, UMTS and LTE coverage in the Alentejo region (NUTS II) (decision) **(+)**

COMMUNICATIONS AROUND THE WORLD

EUROPEAN UNION

CONNECTING EUROPE FACILITY – UNTIL 25.06.2020

The deadline for submitting proposals in the scope of the Connecting Europe Facility managed by the Innovation and Networks Executive Agency (INEA) of the European Commission (EC) is 25 June. This initiative grants support amounting to 31.4 million euros for projects that implement digital service infrastructures, promoting cross-border interaction between public administrations, companies and citizens. **(+)**

ERGP – STEPS TAKEN DUE TO COVID-19

The European Regulators Group for Postal Services (ERGP) has been providing information about measures taken by governments, national regulatory authorities (NRAs) and operators in the postal service area due to the pandemic crisis caused by COVID-19. This information is gathered by ERGP members, with the latest released on 8 May. **(+)**

INTERNET ACCESS AND USE IN THE EU

The European Union Statistics Office (Eurostat) recently released statistics on internet use in the European Union (EU), which are part of the results of a 2019 inquiry on home use of information and communication technologies by individuals. **(+)**

DATA PROTECTION AND PRIVACY (COVID-19)

- The EC adopted on 8 April a recommendation on measures for development of a common EU approach to the use of mobile applications and data in response to the coronavirus pandemic. The recommendation establishes fundamental principles for such use, with respect to data security and the guarantee of EU fundamental rights, as well as privacy and data protection. **(+)**

QUANTUM COMMUNICATION INFRASTRUCTURES

An EC consultation of national users regarding requisites of quantum communication infrastructures ended on 10 June. It will serve as the basis for planning the future structure of European quantum communications infrastructure and to develop its framing. **(+)**

LAST CALL FOR WiFi4EU

The fourth and last call of the WiFi4EU initiative took place on 3 and 4 June via the WiFi4EU portal. It counts a budget of 14.2 million euros, whereby the EC will distribute 947 vouchers to municipalities throughout the EU on a first-come-first-served basis, taking eventual geographic adjustments into account. **(+)**

BEREC

TRAFFIC AMID THE COVID-19 PANDEMIC

The Body of European Regulators of Electronic Communications (BEREC) has regularly disclosed results of the analysis of data in EU countries (shared by 31 NRAs), regarding internet capacity during the COVID-19 outbreak. **(+)**

8TH STAKEHOLDER FORUM

BEREC has disclosed the new date for holding the Stakeholder Forum – 19 October, in Brussels. It had been postponed due to the COVID-19 pandemic. A 'meet & greet' session will be held at the forum, during which the participants will have the opportunity to informally meet and greet the co-chairs of the BEREC working groups. **(+)**

QUESTIONNAIRES ON OTT SERVICES

BEREC launched two questionnaires on the parameters of over-the-top (OTT) services, addressed to providers of interpersonal communication services via public internet and to providers of video streaming services, for response in May. **(+)**

ANACOM INTERNATIONAL ACTIVITY

As the representative of the Portuguese communications sector before relevant international organisations, the Autoridade Nacional de Comunicações (ANACOM) recently took part in videoconference meetings involving the Body of European Regulators for Electronic Communications (BEREC), the European Conference of Postal and Telecommunications Administrations (CEPT), the European Regulators Group for Postal Services (ERGP), the European Union (EU), the International Telecommunication Union (ITU), the Postal Union of the Americas, Spain and Portugal (PUASP) and the Universal Postal Union (UPU).

BEREC

- PFT EWG – 29 May; **(+)**
- Contact Network – 14-15 May; **(+)**
- Communications ENG – 5 May; **(+)**
- Open Internet EWG – 15 April; **(+)**
- Drafters of Open Internet EWG – 3 and 22 April, 12 and 27 May; **(+)**
- FNE EWG – 27 April; **(+)**
- Drafters of End Users EWG – 27 April; **(+)**
- WNE EWG – 15 April. **(+)**

CEPT

- Members of WG UPU and TF Opening of the UPU to the Expanded Postal Sector – 29 April, 20 and 28 May; **(+)**
- ECO Council – 12 May; **(+)**
- WG UPU CERP – 7 and 21 April, 12 May; **(+)**
- ECC WG FM PT22 – 31 March and 2 April. **(+)**

ERGP

- GT Cross-border Parcels Delivery – 19 May; **(+)**
- Contact Network – 14 May. **(+)**

EU

- RSPG CC – 7 May. **(+)**

ITU

- Regional Development Forum for Europe – 26 May; **(+)**
- Dialogues involving TDAG – 24 and 26 March, 30 April, 12, 14 and 21 May. **(+)**

UPAEP

- Subgroup on Preparation of the 27th UPU Congress – 4 May. **(+)**

UPU

- TF Revision of the Contributions System of the UPU CA – 7 May; **(+)**
- Subgroup on Recovery of UPU Debt – 6 May. **(+)**

WORLD TELECOMMUNICATIONS AND IS DAY – 2020

World Telecommunications and Information Society Day was marked on 17 May, this year's theme being 'Connect 2030: ICTs (information and communication technologies) for the sustainable development goals', as defined by the ITU, the United Nations agency for telecommunications and information society. By choosing that theme, the ITU aims to reflect about the progress of ICTs toward intelligent and sustainable development. **(+)**

ITU INNOVATION CHALLENGES

The ITU is organising the second ITU Innovation Challenges. The aim is to identify ideas that help reduce differences in digital innovation and improve social conditions in three possible categories: women in technology challenge, digital change-maker challenge and ecosystem best practice challenge.
Candidates must present their proposals by 31 July via the initiative's webpage. **(+)**

GLOBAL ICT REGULATORY OUTLOOK 2020

The ITU has issued the third edition of the Global ICT Regulatory Outlook, for 2020, meant to help the global regulatory community understand the trends, challenges and opportunities of the digital society, as well as the fundamental role of regulation to guarantee connectivity for all. This edition presents figures on 193 countries over more than a decade and should assist regulators in their path toward collaborative fifth-generation regulation via the G5 Benchmark tool. It also presents a set of rules for broadband mobile implementation. **(+)**

NEWS FROM OTHER COUNTRIES

GERMANY – Bundesnetzagentur (BNetzA)

• The analysis of reports submitted by the mobile network operators concerning fulfilment of the coverage obligations envisaged for the 2015 spectrum auction has ended. According to BNetzA, the analysis shows that none of the operators totally fulfilled those obligations. **(+)**

BELGIUM – Belgian Institute for Postal services and Telecommunications (BIPT)

• Decisions on wholesale prices for access to cable networks of the operators Telenet, Brutélé and Voo SA have been published. These decisions permit access to the respective networks by alternative operators at fair prices, creating possibilities for competition in the retail market and thereby benefitting end users and network operators. **(+)**

• The possible suspension of private radio network licences during the period in which restrictions resulting from the COVID-19 pandemic are in force has been disclosed. This would impact the economic activity of the owners or seekers of such licences. **(+)**

BRAZIL – Agência Nacional de Telecomunicações (ANATEL)

• In the context of the COVID-19 pandemic, steps have been taken to guarantee the availability of online services to people in a telework situation and to citizens in general who aim to maintain contact with friends and family. **(+)**

SPAIN – Comisión Nacional de los Mercados y la Competencia (CNMC)

• The procedure for the return to the situation that existed before exceptional measures were imposed in the area of fixed and mobile portability due to the COVID-19 pandemic has been determined. The CNMC's decision responds to concerns manifested by the associations of operators that manage the centralised portability systems. **(+)**

FINLAND – Finnish Transport and Communications Agency (Traficom)

• Registration has opened for the auction in the 26 GHz (25.1-27.5 GHz) frequency band for construction of 5G networks starting on 1 July. Each company, organisation or association can receive just one licence (of a total of three), which will be valid until 31 December 2033. Traficom is in charge of the auction procedures, which begin on 8 June. **(+)**

FRANCE – Autorité de Régulation des Communications Électroniques et des Postes (ARCEP)

• The report from the public consultation on the planned allocation of frequencies in the 2.6 GHz TDD (2570-2620 MHz) band was released on 9 May. The consultation had run from 15 to 26 April 2019. The ARCEP decision indicates that interested parties can manifest their interest and prepare the respective application. **(+)**

FRANCE – Agence Nationale des Fréquences (ANFR)

• An evaluation report on public exposure to the electromagnetic waves of 5G networks has been published. The results will enable the ANFR to propose a new indicator for measuring exposure resulting from 5G antennas. **(+)**

The NETHERLANDS – Authority for Consumers and Markets (ACM)

• A study on the home parcel delivery market has been disclosed. It highlights the 'last mile', i.e. the last stage in the parcel delivery chain, regarding which various market players are seeking solutions to make parcel delivery more efficient. **(+)**

• Telecom operators have been warned that they must fulfil their statutory duty to help victims of unsolicited anonymous calls. This is due to reported operator inertia regarding the corresponding complaints. **(+)**

IRELAND – Commission for Communications Regulation (ComReg)

• The tool for comparing offerings and prices (Compare) has been announced. Its aim is to promote information disclosure to electronic communications consumers and thereby help them make better choices when they decide to change operator or services package. **(+)**

POLAND – Office of Electronic Communications (UKE)

• Information has been released that rejects any connection between 5G and the COVID-19 pandemic. According to UKE, the exposure levels generated by 5G networks are less than those of 4G networks and are not the cause of the pandemic. It adds that the risks for citizens' health and safety have been duly evaluated and are taken into account when 5G is implemented in Poland. **(+)**

UNITED KINGDOM – Office of Communications (Ofcom)

• Recommendations addressed to postal service users have been released, meant to help them as well as the respective providers in the current pandemic situation, in which the high number of people in confinement has led to a sharp rise in the amount of mail and parcels. **(+)**

SWEDEN – Swedish Post and Telecom Authority (PTS)

• Information has been published about the auction of the 3.5 GHz and 2.3 GHz frequency bands, which will begin on 10 November. Interested parties must submit their applications by 30 June. The minimum bid will be 1.5 billion Swedish kronor for the 3.5 GHz band and 160 million Swedish kronor for the 2.3 GHz band. **(+)**

1ST QUARTER STATISTICS RELEASED

PAY-TV SERVICE

The service of TV signal distribution by subscription recorded 160,000 new customers in the first quarter, up 4 percent year-on-year. **(+)**

SERVICE OF INTERNET ACCESS AT A FIXED LOCATION

Total broadband internet traffic rose 41.3 percent compared to the same quarter of the previous year. **(+)**

MOBILE SERVICES

In the week that the state of emergency was declared (16-22 March), mobile voice traffic in minutes rose 39 percent compared to the week before the declaration of pandemic (2-8 March). **(+)**

FIXED TELEPHONE SERVICE

The volume of minutes originating in the fixed network was up 1.5 percent compared to the first quarter of 2020, though 15.9 percent less than the same quarter of the previous year. **(+)**

POSTAL SERVICES

Total postal services traffic amounted to 163.9 million objects at the end of the first quarter of 2020, 8.8 percent less than the same quarter last year. **(+)**

SERVICE PACKAGES

During the first quarter, the number of subscribers to service package offerings was 4.1 million, up 171,000 year-on-year, for growth of 4.4 percent. **(+)**

POSTAL NETWORK AND CTT QUALITY INDICATORS

Regarding the monitoring of objectives set for universal postal service, the Autoridade Nacional de Comunicações (ANACOM) has released reports on the postal network and services offering and on the figures for the quality of service indicators of CTT Correios de Portugal (CTT), the concessionaire for universal postal service in Portugal in 2019. **(+)**

CTT MAILING RECORDS

ANACOM granted on 2 April the request submitted by CTT regarding a mailing record deduction due to air-traffic interruptions at airports in the Azores autonomous region following the atmospheric depression Elsa and the strike by SATA maintenance personnel. **(+)**

UNIVERSAL POSTAL SERVICE PRICES FOR 2020

By decision dated 21 May, ANACOM approved the proposed prices for services included in universal postal service submitted by CTT. **(+)**

QUALITY OF MOBILE COMMUNICATIONS SERVICE

An ANACOM study evaluating the performance of mobile voice and data services and the GSM, UMTS and LTE coverage provided by MEO Serviços de Comunicações e Multimédia (MEO), NOS Comunicações (NOS) and Vodafone Portugal Comunicações Pessoais (Vodafone) in the North region was published on 7 May. **(+)**

SECURITY BREACHES - 2019

ANACOM has published the "Report on Security Breaches or Loss of Integrity". It presents, analyses and describes the information provided in notifications of security breaches or integrity losses with significant impact sent to this authority in 2019. **(+)**

SPECTRU

EDITION AND PROPERTY:
ICP - Autoridade Nacional de Comunicações

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