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MARKET 1 – EUROPEAN COMMISSION NOTIFICATION

The Autoridade Nacional de Comunicações (ANACOM) approved by decision dated 27 October the draft final decisions, for notification to the European Commission, the Body of European Regulators for Electronic Communications (BEREC) and the national regulatory authorities of the other European Union member states, concerning the wholesale market for call termination in the public telephone network at a fixed location, encompassing: (i) definition of relevant market, assessment of

significant market power (SMP) and the imposition, maintenance, amendment or withdrawal of regulatory obligations; and (ii) the fixed termination costing model.

ANACOM considers that all operators providing voice call termination service in individual public telephone networks at a fixed location have SMP in that market; all those who have geographic and nomad ('30' range) numbering resources are also included in this group. (+)

ANACOM ALERTS

In the scope of the ANACOM Alerts initiative launched to enhance dissemination of information this Authority provides to consumers on topics specifically concerning the sector, reflecting major issues raised in complaints, an article on the following was published on 1 October (in the newspaper *Correio da Manhã*):

- Invoicing and debt collection. (+)

The Consumer Hints section in *Jornal de Notícias* focused on the following topics:

- Cancelling a communications service is easy; (+)
- Avoid communications service invoice surprises. (+)

CONSULTATION AND TENDER

STATISTICAL INFORMATION - REGULATION

ANACOM approved on 13 October the draft regulation on provision of statistical information and the launch of the respective public consultation. This regulation's aim is to adjust information collected by ANACOM from companies that supply electronic communication networks and services to technological and market changes that have occurred in the meanwhile, and to improve the efficiency and quality of the information gathering process based on the experience gained. Proposals from interested parties (in writing and in Portuguese) must be submitted by 16

December, preferably by email to dee.stats@anacom.pt. (+)

PROVISION OF SERVICES - ORACLE

The announcement of the public tender for provision of ORACLE licensing maintenance services was published in the official gazette (*Diário da República*, 2nd series) on 14 October, following this Authority's approval of its launch in a decision dated 13 October.

Bids from interested parties must be submitted by 4 p.m. on 25 November by means of the e-platform www.compraspublicas.com. (+)

COMMUNICATIONS IN PORTUGAL

NEWS

WORLD POST DAY

World Post Day was celebrated on 9 October, the anniversary of the Universal Postal Union's creation in 1874. In Portugal it was marked by a commemorative ceremony on 10 October held at the Portuguese Foundation for Communications (FPC), where ANACOM was also represented.

During the event the prizes for the 2016 Letter-writing Competition were awarded; this year's topic was 'write a letter to your 45-year old self'. The winners were Pedro Vieira from Vila Nova de Gaia in the age 9-11 category and Maria Machado from Porto in the age 12-15 category. (+)

USAGE RIGHTS TRANSFER

ANACOM decided on 20 October not to oppose the transfer to the ownership of DiálogoHábil of the frequency usage right in the 87.5-108 MHz band allocated to Rádio Mirasado for the provision of local radio programming service in Alcácer do Sal county. (+)

PRINTED TELEPHONE DIRECTORIES

The deadline for requesting printed telephone directories (to receive in 2017) from the universal service provider - MEO-Serviços de Comunicações e Multimédia - was 16 November. Requests can be made by phone (808 204 204, from 9 a.m. to 5 p.m.) or online via www.118net.pt. (+)

TELECOMMUNICATIONS PRICE TRENDS

The report on "Trends in Telecommunications Prices - September 2016" has been released. It is produced by ANACOM based on indicators from the National Statistics Institute and Eurostat and includes information about changes in the consumer price index and telecommunication prices, besides comparing telecommunications price trends in Portugal and the European Union. (+)

COM.escolha RECEIVES MORE THAN 21,500 VISITS

The COM.escolha price comparison tool received 21,553 visits by 18,534 users in the third quarter, up 23.34 percent over the previous quarter, which recorded 17,475 visits by 15,212 users. Note that 84.9 percent of the visits were accesses by new users and 15.1 percent accesses by return users. (+)

2016 COMPANY DIRECTORY

ANACOM has released the Directory of Communications Sector Companies, which provides information about operational providers in the sector at 30 June. Among other aspects, it includes company names and contact details and information about the services/networks they are authorised to provide, respective turnover, average number of employees and the market sector where they operate. (+)

TV SIGNAL ACCESS MEANS - SURVEY

The report on the survey of means of access to TV signal, produced in September based on data gathered in July, has been released. It notably indicates that three out of four of the 9 million televisions in Portugal receive pay-TV and that 23.4 percent are connected to digital terrestrial TV. (+)

ANACOM PUBLIC PARTICIPATION

A highlight was the statement by the chair of the ANACOM board of directors, Fátima Barros, regarding the exhibition on "The Submarine Cable in a Sea of Connectivity", promoted by ANACOM and coordinated by the FPC, on show at the FPC from 19 May 2015 to 29 April 2017. (+)

Barros also took part in the 10 October ceremony marking World Post Day at the FPC. (+)

The ANACOM board chair attended on 5-7 October the plenary meeting of the Body of European Regulators for Electronic Communications (BEREC) and the Assembly and workshop of the Independent Regulators Group (IRG), held in Vilnius, Lithuania.

She also took part on 17 October in Brussels in the fourth meeting of the BEREC Stakeholder Forum.

The vice-chair of the board of directors, José Perdigoto, participated in the 28th Congress of the Universal Postal Union, held on 3-6 October in Istanbul. He also took part as a speaker in the opening session of the 20th Annual Meeting of Telecom Sector SMEs, organised by the Communications Business Association of Portugal and held on 25 October in Lisbon.

Board member João Confraria attended a European Union/BEREC/ANACOM tripartite meeting held in Brussels on 5 October.

Board member Hélder Vasconcelos took part in the Informal Spectrum Group Meeting held on 27 October in London.

HOME CUSTOMERS OF HIGH-SPEED NETWORKS AND SERVICES (HSN)

NUTSII	2Q2016		3Q2016		Variation	
	Home HSN Customers	Home HSN Customers per 100 inhabitants ⁽¹⁾	Home HSN Customers	Home HSN Customers per 100 inhabitants ⁽¹⁾	3Q16/2Q16	3Q16/3Q15
NORTH	573	15,9	605	16,8	5,5%	19,7%
CENTRE	246	10,9	263	11,7	7,1%	28,3%
LISBON	832	29,6	846	30,1	1,7%	8,7%
ALENTEJO	52	7,2	59	8,1	12,7%	51,2%
ALGARVE	64	14,4	67	15,2	5,4%	21,5%
AZORES	32	13,2	36	14,8	12,2%	20,9%
MADEIRA	51	20,0	53	20,5	2,4%	8,8%
TOTAL	1851	17,8	1929	18,6	4,2%	16,1%

Unit: thousands of customers, %. Source: ANACOM

(1) Annual provisional resident populations estimate series, per administrative division according to the 2013 Official Administrative Map of Portugal (CAOP2013) and the new version of NUTS (NUTS 2013) in force from 1 January 2015.

NET COSTS OF UNIVERSAL SERVICE

The Autoridade Nacional de Comunicações (ANACOM) approved on 27 October the decision on results of the audit of the net costs of universal service provided by MEO-Serviços

de Comunicações e Multimédia with respect to financial year 2014 (period before designation of the universal service provider by tender). (+)

CTT SERVICE QUALITY LEVELS

ANACOM decided on 27 October to approve and publish the report on results of the control action regarding the quality levels provided by CTT-Correios de Portugal (Portuguese postal service) in financial year 2014. ANACOM also

approved the updated determinations and recommendations concerning the quality indicators for transit time in cross-border intra-community mail (ISQ7 and ISQ8) to be applied by CTT in 2016 (inclusive). (+)

REGULATORY FRAMEWORK REVIEW

ANACOM issued a call for contributions (open until 18 November) to learn the positions of electronic communication service providers regarding the European Commission's package of legislative proposals for the review of the EU regulatory framework in the area of electronic communications.

Interested parties are asked to submit comments to revisao2017@anacom.pt.

In this regard, ANACOM also held a workshop on 8 November to listen to stakeholders' positions regarding the EC proposals. (+)

NEWLY ENACTED LEGISLATION

Implementing Decision (EU) 2016/1804 of the Commission of 10 October, on implementation rules of the provisions of articles 34 and 35 of Directive 2014/25/EU of the European Parliament and of the Council, concerning coordination of contract award processes in the water, energy, transport and postal service sectors. (+)

ANACOM DECISIONS - SUMMARY OF 3RD QUARTER 2016

Complete information available at www.anacom.pt

DATE DETERMINATION

- 27.09.2016 Approval of revised settlement of fees due for practicing the activity of supplier of electronic communication networks and services, with respect to 2013 (decision) (+)
- 22.09.2016 Amendment of frequency usage right for digital terrestrial TV (MUX A) allocated to MEO (draft decision) (+)
- 22.09.2016 Acquisition of external occupational health services (decision) (+)
- 19.09.2016 Approval of cost-of-capital rate of MEO applicable to financial year 2016 (decision final) (+)
- 19.09.2016 Opening of competition to award post-doctorate grant (decision) (+)
- 16.09.2016 Ratification of extension of response period regarding security and integrity of networks and services (decision) (+)
- 16.09.2016 Extension of deadline for submitting contributions regarding security and integrity of networks and services (order) (+)
- 12.09.2016 Adjudication for acquisition of study on the cost of changing provider of electronic communication services invoiced jointly (decision) (+)
- 12.09.2016 Adjudication of a study on the economic value of radio spectrum (decision) (+)
- 12.09.2016 Adjudication of audit of results of the cost accounting system of MEO (financial years 2015 and 2016) (decision) (+)
- 12.09.2016 Ratification of extension of deadline for submission of contributions on amendment of the Portability Regulation (decision) (+)
- 12.09.2016 Adjudication of audit of inventories of property pertaining to the CTT concession (2014 and 2015) (decision) (+)
- 12.09.2016 Extension of deadline for submitting contributions in the scope of the procedure for amending the Portability Regulation (order) (+)
- 12.09.2016 Approval of start of procedure for amending the Portability Regulation (decision) (+)
- 05.09.2016 Approval of analysis of the market for high-quality electronic communications at a fixed location (final decision) (+)
- 30.08.2016 Expiration of postal services provision licence of POST 21 (order) (+)
- 30.08.2016 Cancellation of registration of postal services company Distância Instantânea (order) (+)
- 26.08.2016 Cancellation of declaration issued to Nuno Elbling da Costa (decision) (+)
- 24.08.2016 Ratification of deadline for submitting contributions regarding the provision of statistical information (decision) (+)
- 23.08.2016 Approval of regulation on pre-contract and contract information (final decision) (+)
- 18.08.2016 Cancellation of registration of the company Linhagénio (decision) (+)
- 18.08.2016 Cancellation of registration of the company Ordanduu GmbH (decision) (+)
- 12.08.2016 Approval of national radio spectrum strategy plan (final decision) (+)
- 12.08.2016 Results of the audit of net costs of the universal service of MEO (draft decision) (+)
- 09.08.2016 Implementation of a WAN interconnection solution in Ethernet on fibre optics (decision) (+)
- 08.08.2016 Cost-of-capital rate of MEO applicable to financial year 2016 - notification to the European Commission (draft final decision) (+)
- 05.08.2016 Approval of start of procedure to draft a regulation concerning security and integrity of networks and services (decision) (+)
- 03.08.2016 Declaration issued to DIDWW Ireland for the supply of electronic communications (+)
- 01.08.2016 Calculation of amount of regulation costs for 2016 rates - postal services (decision) (+)
- 29.07.2016 Consultation on actions of ANACOM's multiannual activities plan 2017-2019 (draft decision) (+)
- 28.07.2016 Approval of report from the public consultation on guidelines for the 2017-2019 multiannual activities plan (decision) (+)
- 28.07.2016 Approval of social report on financial year 2015 (decision) (+)
- 22.07.2016 Extension of deadline for submitting contributions on the provision of statistical information (order) (+)
- 21.07.2016 Fees owed for practicing the activity of supplier of electronic communication networks and services (2014) (draft decision) (+)
- 19.07.2016 Implementation of common ERG position on VoIP (decision) (+)
- 13.07.2016 Clarification of decision on renewal of frequency usage rights allocated in the 2100 MHz band (decision) (+)
- 12.07.2016 Approval of the report on administrative costs and the fee collection amount (decision) (+)
- 11.07.2016 Approval of calendar for revising reference speeds in the 800 MHz band (final decision) (+)
- 11.07.2016 Approval of transfer of frequency usage right of Rádio Tempos Livres (decision) (+)
- 11.07.2016 Approval of start of procedure to draft a regulation on statistical information (decision) (+)
- 08.07.2016 Approval of revision of settlement of suppliers' fees with respect to 2015 (decision) (+)
- 08.07.2016 Non-opposition to transfer of frequency usage rights of Rádio NFM Oeste (decision) (+)
- 07.07.2016 Acquisition of study on needs of postal service consumers (decision) (+)
- 05.07.2016 Audit of results of the cost accounting system of MEO (decision) (+)
- 04.07.2016 Analysis of markets 3a and 3b (draft final decision) (+)
- 04.07.2016 Analysis of market 4 - notification to the European Commission (draft final decision) (+)
- 04.07.2016 Declaration issued to Papel Regular for the provision of postal services (decision) (+)

COMMUNICATIONS AROUND THE WORLD

EUROPEAN UNION

REVISED SCOPE OF UNIVERSAL SERVICE

The European Commission (EC) has published the final report of a study on revision of the scope of universal service, particularly broadband availability and accessibility. The study estimates that the cost of implementing the intended connectivity levels for households in the European Union (EU) - 9.6 Mbps in 2020 - will be 13.7 billion euros. (+)

FINANCIAL SUPPORT FOR INFRASTRUCTURES

In the scope of the 2016 working programme of the Connecting Europe Facility, the EC launched on 20 September via the Innovation and Networks Executive Agency four calls for proposals regarding funding of digital service infrastructures in the EU member states. Applications can be submitted until 15 December. (+)

ENISA

REGIONAL CYBERSECURITY FORUM FOR EUROPE

The Telecommunications Development Sector of the International Telecommunication Union (ITU-D) and ENISA, in partnership with the Ministry of Transport, Information Technologies and Communications of the Republic of Bulgaria, will hold on 29-30 November the Regional

Cybersecurity Forum for Europe. (+)

CYBER EUROPE 2016 CYBERSECURITY EXERCISE

The second phase of Europe's biggest cyber exercise, Cyber Europe 2016, took place on 13-14 October in 30 European countries (28 EU member states plus Switzerland and Norway). (+)

BEREC

DOCUMENTS APPROVED AT THE 28TH PLENARY MEETING

The Body of European Regulators for Electronic Communications (BEREC) has disclosed the documents approved at its last plenary meeting, held on 6-7 October in Vilnius, Lithuania, including the proposed working programme for 2017 (in public consultation until 2 November). (+)

STAKEHOLDER FORUM 2016 - PRESS RELEASE

BEREC published on 12 October a press release about its fourth Stakeholder Forum, highlighting BEREC's working programme for 2017 and analysis of the ongoing review of the regulatory framework for electronic communications. (+)

ACCESSIBILITY OF COMMUNICATION SERVICES

BEREC held on 5 October a workshop on accessibility of communication services, bearing in mind the needs of

disabled end users. It particularly focused on services such as broadcasting and other audiovisual services, as well as the supply of online content. (+)

COSTS OF REGULATION 2016 - 12TH REPORT

The 12th annual report on costs of regulation, concerning 2016, was published on 6 October. The information was gathered from data supplied by national regulatory authorities and encompasses the implementation of costing methodologies for regulatory costs, including allocation, as well as annual calculation methodologies. (+)

MIGRATION FROM POTS/ISDN TO IP - CASE STUDIES

BEREC published on 6 October a report on case studies of subscriber line migration from analogue telephone lines/integrated services digital network to voice over internet. (+)

ANACOM INTERNATIONAL ACTIVITY

The Autoridade Nacional de Comunicações (ANACOM) represents the Portuguese communications sector before relevant international organisations and took part in recent meetings in the scope of the European Conference of Postal and Telecommunications Administrations (CEPT), the European Union (EU), the Body of European Regulators for Electronic Communications (BEREC), the European Regulators Group for Postal Services (ERGP), the Euro-Mediterranean Regulators Group (EMERG), the International Telecommunication Union (ITU), the Universal Postal Union (UPU), the International Telecommunications Satellite Organisation (ITSO) and the Association of Communications and Telecommunications Regulators of the CPLP (ARCTEL-CPLP).

CEPT

The following meetings were held in the context of the ECC's work:

- EFIS MG - 30-31 August in Copenhagen; (+)
- SRD/MG - 7-9 September in London; (+)
- 53rd meeting of ECC PT1 - 12-16 September in Budapest; (+)
- WG FM Drones - 22-23 September in Copenhagen; (+)
- CPG PTC - 27-29 September in Copenhagen; (+)
- CPG PTA - 11-13 October in Copenhagen; (+)
- WG NaN PT NP - 18-19 October in Copenhagen. (+)

EU

The following meetings were held in the EU context:

- joint meeting of the RSPG and DSM Strategy - 28 September in Brussels; (+)
- 41st meeting of EMC ADCO - 27-29 September in Sofia; (+)
- meeting of the Communications Committee - 19 October in Brussels. (+)

BEREC

BEREC highlights include the following:

- plenary meeting of BEREC/IRG and workshop on accessibility

- 5-7 October in Vilnius; (+)
- meeting of Remedies EWG - 11 October in Brussels; (+)
- BEREC/FCC videoconference - 13 October; (+)
- workshop on CRD implementation - 13 October in Brussels; (+)
- meetings of Regulatory Framework EWG - 14 and 24 October in Brussels; (+)
- 4th Stakeholder Forum - 17 October in Brussels; (+)
- 2nd meeting of the Ad Hoc Communication Group - 18 October in Brussels. (+)

ERGP

Brussels hosted on 17 October a meeting of the Contact Network. (+)

EMERG

A workshop on IoT was held on 26-27 October in Lisbon. (+)

ITU

The following meetings stand out in the context of the ITU's work:

- Regional Development Forum and Regional Conference - 26-28 September in Budva, Montenegro; (+)
- meetings of the ITU Council working groups - 10-14 October in Geneva. (+)

UPU

The 26th Congress took place from 20 September to 7 October in Istanbul. (+)

ITSO

The 37th Assembly of Parties was held on 12-14 October in Washington. (+)

ARCTEL-CPLP

The 1st meeting of the working group on Statistics took place on 27-30 September in Lisbon. (+)

PARTNERSHIP DIALOGUE ON ICT4SDGS

The Partnership Dialogue on ICT4SDGs event of the ITU took place on 30 September in Geneva, where ANACOM represented the ARCTEL-CPLP secretariat.

A meeting with the Telecommunication Development Sector's director was held on the sidelines of the event. He assured the ARCTEL-CPLP secretariat of financing and

support for the production of various studies, namely on: drafting of the Digital Agenda, as committed at the August CPLP ministers meeting in Mozambique; e-commerce, with involvement of the United Nations Commission on International Trade Law; and Smart Harbours, which will include the holding of a high-level summit.

NEWS FROM OTHER COUNTRIES

BELGIUM - Belgian Institute for Postal Services and Telecommunications (BIPT)

The IBDT council decided on 6 October to revoke the decision on offerings of unbundled local loop, virtual network access and wholesale broadband access to very high speed digital subscriber lines. (+)

BRAZIL - Agência Nacional de Telecomunicações (ANATEL)

The Conduct Adjustment Declaration envisaging investments of the Telefónica/Vivo group amounting to 4.87 billion reais was approved on 27 October. (+)

Rates for fixed telephone connections between neighbouring municipalities have been lower since 30 October, benefiting consumers in 587 cities. (+)

BULGARIA - Communications Regulation Commission (CRC)

A public consultation has been opened concerning the draft decision on the amendment or supplement of technical requirements for the exploitation of terrestrial networks with permission for the provision of electronic communication services. (+)

CROATIA - Croatian Regulatory Authority for Network Industries (HAKOM)

Measures have been taken with respect to activities in radio and TV broadcasts from Italy that cause interference in reception of Croatian radio and TV channels along the entire coast. They have led to 680 new complaints addressed to the Italian administration and are detailed in a report sent to the International Telecommunication Union. (+)

CANADA - Canadian Radio-television and Telecommunications Commission (CRTC)

A report on the broadcasting sector was released on 25 October. It generally highlights that Canadians are listening to more traditional radio, especially young people between 12 and 24 years old, whose habits are different from those in other age groups. (+)

EGYPT - National Telecom Regulatory Authority (NTRA)

A fourth generation (4G) licence has been signed with the operator Vodafone Egypt for creation and operation of broadband networks, worth 335.5 million dollars. (+)

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

Information about the financing of universal service (US) in 2013 was published on 31 October, registering 19.54 million euros, 8.8 percent less than in 2012, supported by Telefónica, Telefónica Móviles, Vodafone and Orange. US guarantees that users have access to the fixed public telephone network of any location at an

affordable price, e.g. broadband connections at 1 Mb/s. (+)

USA - Federal Communications Commission (FCC)

Privacy rules have been adopted to provide better choice for broadband consumers, along with more transparency and security for their personal data. (+)

FINLAND - Finnish Communications Regulatory Authority (FICORA)

A study published on 18 October shows that only 39 percent of households that receive terrestrial TV have a television or set-top box enabling high-definition transmissions. The study conducted by Finnpanel at the request of FICORA and the Ministry of Transport and Communications results from the need to migrate to a new DVB-T2 technology in 2020. (+)

An auction to allocate licences for wireless broadband networks in the 700 MHz band was announced. Licences are to be granted to companies, organisations or associations, which cannot receive more than two licences. Applications for the auction, which begins on 24 November, have been accepted since 7 November. (+)

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

The French courtesy translation of the network neutrality guidelines of the Body of European Regulators for Electronic Communications (BEREC) has been published. (+)

A summary of the public consultation on new opportunities for use of the 862-87 MHz, 870-876 MHz and 915-921 MHz bands to meet growing needs of the Internet of Things has been published. (+)

The winners of the tender for allocation of new cross-border 4G frequencies and also for promotion of opportunities for new operators have been chosen. (+)

The NETHERLANDS - Authority for Consumers and Markets (ACM)

Research concerning the new service provided by T-Mobile has begun with a view to evaluating whether that service complies with national net neutrality regulations. (+)

UNITED KINGDOM - Office of Communications (Ofcom)

A public consultation has been opened and will run until 9 December, concerning the evaluation of a pilot project implemented in 2013 with the intention of charging telecom operators for misuse of geographic numbering resources and to assess the effect of efficient use of geographic numbers. (+)

A public consultation has been opened and runs until 1 December, concerning improved consumer access to mobile services in the 3.6-3.8 GHz frequency bands. (+)

ANACOM AND NAVY INSPECT VESSELS

The Autoridade Nacional de Comunicações (ANACOM) conducted on 6 October, coordinating with the Portuguese Navy, an action to inspect radio stations installed on

vessels working at sea. The aim was to verify the legality of the means of communication used. (+)

ANACOM RECEIVES NEARLY 32,000 COMPLAINTS

ANACOM received 31,800 complaints in the first quarter, 0.7 percent fewer year-on-year and the lowest number since 2013.

Of the total, 84 percent (26,700 complaints) concerned electronic communication services, down 1.4 percent year-on-year. (+)

NET NEUTRALITY WORKSHOP - PUBLIC DISCUSSION AND REFLECTION SESSION

The Agency for Competitiveness and Innovation (IAPMEI) hosted on 16 November in Lisbon the Workshop on Net Neutrality - Public Discussion and Reflection Session. ANACOM board member João Confraria represented this Authority in the round table focusing on clashing

perspectives. External Affairs director Pedro Ferreira participated in the panel on European regulation and the BEREC guidelines, while Paulo Serra of the Inspection and Investigations Department took part in the panel on how to gauge quality of service. (+)

10TH CONGRESS OF THE PORTUGUESE URSI COMMITTEE

The Portuguese URSI Committee held its tenth congress on 18 November in Lisbon, where the theme was 'communications

in security and emergency situations'. This committee's work is overseen by ANACOM.

ANACOM-ISEL WORKSHOP

The ANACOM-ISEL workshop begins at 9 a.m. on 22 November in the main auditorium of the Lisbon Institute of Engineering (ISEL), where the theme is 'technical rules

in the connection to public telecommunication networks'. Participation in the workshop is limited. (+)

2016 ANACOM CONFERENCE

The speech given by the chair of ANACOM's board of directors, Fátima Barros, at the opening session of this Authority's ninth international conference is now available. The theme of the conference, held on 2 November in Lisbon, was 'new regulation for a gigabit society'. The aim

was to encourage debate about the proposed review of the regulatory framework for electronic communications, publicly disclosed by the European Commission last 14 September, which will frame regulation in the sector from 2020 on. (+)

WORKSHOP

Regras técnicas na ligação às redes públicas de telecomunicações

22 novembro 2016 | Auditório principal do ISEL, Lisboa

ANACOM



SPECTRU

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