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PORTUGUESE URSI COMMITTEE – 4TH CONGRESS ON 23-24 SEPTEMBER

The Portuguese URSI Committee will hold its fourth Congress on 23-24 September, with the theme topic of “Personal Radio Communication: short range networks and RFID”. As part of the preparations, it has launched a call for papers in which original scientific communications may be submitted up to 2 August, on the theme topic or specific scientific areas. The selected

works will be presented at the Congress. The Committee, sponsored by the *Autoridade Nacional de Comunicações* (ANACOM), will also award the “URSI Portugal Research Prize”, recognising the best research work in the radio area. Candidates must likewise submit applications by 2 August.

ANACOM SEMINARS – NEXT EVENT ON 21 MAY

The next gathering in the seminar series organised by ANACOM will be held in Lisbon on 21 May at 3:30 p.m. and be devoted to issues concerning the regulation of new access networks. At this 26th seminar, Martin Cave, a professor at the Warwick Business School at Warwick University in the United Kingdom

will give a presentation on “Regulating Next Generation Access Networks”. Participation in the seminar is free of charge and open to all interested parties, though subject to prior registration through the email address seminarios@anacom.pt. (+)

BWA AUCTION – FREQUENCIES FOR BRAVENSOR AND ONITELECOM

By determination dated 28 April, ANACOM endorsed the proposal submitted by the BWA auction committee to grant BWA frequency usage rights to the companies Bravensor - Unipesoal and Onitelecom - Infocomunicações. According to the auction regulations, the companies will now have to deposit the

amount corresponding to the final price to pay, i.e., Bravensor must deposit 2.251 million euros, while Onitelcom will have to deposit 1.2 million euros. ANACOM also decided to amend the National Frequency Allocation Plan (NFAP) currently in force, to ensure that it reflects this determination.

PUBLIC CONSULTATIONS

DTT - SWITCH-OFF PLAN

ANACOM approved on 15 April the draft of the detailed plan to end analogue terrestrial television emissions (switch-off plan), which is under public consultation until 18 May. Interested parties are asked to submit comments, preferably by email to the address consulta.plano-switch-off@anacom.pt. This draft has also been submitted to the prior hearing of PT Comunicações, RTP, SIC and TVI. (+)

RIO 2010

By determination dated 15 April, ANACOM approved in a draft decision the conditions for the reference interconnection offer

(RIO) to be in force in 2010, which are under public consultation until 20 May. All comments should preferably be sent by email to consulta.pri2010@anacom.pt. Compared to the prices in force in RIO 2009, specific average nominal reductions of 5.3 percent in call termination and 10 percent in call origination are envisaged, which in real terms correspond to average reductions of 4.5 and 9.2 percent, respectively, taking into account the inflation rate forecast in the 2010 state budget. ANACOM also approved the notification to submit to the European Commission and to the national regulatory authorities of the other member States. (+)

COMMUNICATIONS IN PORTUGAL

NEWS

CTT - QUALITY OF SERVICE IN 2008

By determination dated 31 March, the *Autoridade Nacional de Comunicações* (ANACOM) decided to approve and publish the report on the audit carried out to control the quality of service levels of CTT - Correios de Portugal (Portuguese postal service) for financial year 2008. The audit's results also led to the approval of determinations and recommendations meant to perfect the monitoring system for quality of service indicators and the CTT's complaints processing system. (+)

QUALITY OF UNIVERSAL POSTAL SERVICE - 2009

The CTT have posted online the values for the quality of service indices recorded in 2009. This initiative results from the Universal Postal Service Quality Convention, which sets the parameters and minimum quality of service levels associated to the provision of universal postal service, determining that the CTT must publicise on its website, in the national gazette (*Diário da República*) and at post offices both the quality of service indicators defined per terms of the Convention and the values verified in previous calendar years.

ANACOM PUBLIC TENDER

ANACOM has launched an international public tender for the acquisition of an integrated solution for printing and copy services. Proposals from interested parties should be submitted by 4 p.m. on 14 June to the electronic platform www.compraspublicas.com. The list of applicants will be posted on the said electronic platform the day immediately after the deadline for submitting bids.

ADMINISTRATIVE OFFENCE CASE

LEBARA LIMITED has been fined the amount of 5,000 euros for failing to meet its obligation to send to ANACOM the response to the Annual Electronic Communications Questionnaire (2007 Report) by the set deadline. As the firm did voluntarily pay the fine within the legal deadline, same was remitted for execution on 3 July 2009.

ANACOM PUBLISHES ANTI-CORRUPTION PLAN

ANACOM has decided to post online its Plan for the Prevention of Corruption Risks and Associated Infringements, approved in January 2010.

25TH ANACOM SEMINAR - PRESENTATION

ANACOM has made available the presentation on "Mobile Broadband - a substitute for fixed?" given by Wolfgang Feiel, director of the legal division of the Austrian Regulatory Authority for Broadcasting and Telecommunications (RTR - *Rundfunk und Telekom Regulierungs*) during the 25th meeting in the ANACOM Seminars series, held last 15 April in Lisbon. The published presentation is the exclusive responsibility of its author and neither binds nor conveys any position of ANACOM. (+)

PORTABILITY - 4TH QUARTER 2009 PRICES

The 4th quarter 2009 table of prices charged by operators to new customers who opt to keep their old number by means of portability has been published online. Besides fixed and mobile telephone service, the table now also includes nomad VoIP service. (+)

ANACOM PUBLIC SPEECHES

Upon request by the co-ordinator of the working group on the Regulation of Competition and Consumer Protection, ANACOM chairman José Amado da Silva attended a hearing in Parliament on 27 April.

In the scope of work of the parliamentary inquiry commission on the Mobile Communications Foundation, ANACOM board member Eduardo Cardadeiro was also heard on 10 March.

LISBON ADMINISTRATIVE COURT - ANNOUNCEMENT

Per order pronounced in Case no. 2382/08.7BELSB, under way in the Third Organic Unit of the Administrative Court of the Lisbon Circuit, in which the parties are TMN - *Telecomunicações Móveis Nacionais* as plaintiff and ANACOM as defendant, it was determined that this Authority should publish an announcement summoning third parties to appear before the court and to present their challenges, if so desired, within the indicated periods. This was duly carried out and the announcement was posted on the ANACOM website on 23 April. Note that what is at stake in this case is the ANACOM determination dated 2 July 2008, which approved the final decision concerning the specification for the price control obligation with respect to wholesale markets for voice call termination in individual mobile networks. (+)

REPORTS PUBLISHED ON QUALITY OF GSM AND UMTS SERVICES

The *Autoridade Nacional de Comunicações* (ANACOM) has posted online the latest reports evaluating the quality of mobile voice (GSM) and videotelephony (UMTS) services and network coverage (GSM and WCDMA) offered by the operators Sonaecom (Optimus), TMN and Vodafone Portugal in the Portuguese Railways (CP) Alfa Pendular train service (Braga-Porto-Lisbon-Faro axis), the Lisbon urban rail network (Azambuja,

Cascais, Fertagus, Sado and Sintra lines) and in or along main urban areas and road arteries in the Azores and Madeira. These reports are based on the analysis done from April to June 2009, using the following indicators: network coverage, service accessibility, time needed to make calls, call termination charge, call audio quality and call video quality. (+)

ANACOM RECEIVED NEARLY 42,000 COMPLAINTS IN 2009

ANACOM received 41,989 complaints, 590 information requests, 45 suggestions, 40 petitions and 178 communications of another nature, for a total of 42,842 solicitations addressed to it in 2009. For the first time, this Authority decided to disclose the operators subject to the most complaints, ranking them on a scale based on the number of complaints per thousand customers. Among the operators most targeted by complaints, with more than 4.9 complaints per thousand customers, are TMN in internet access service and fixed telephone service; Vodafone in internet access and subscription TV; ZON in mobile

service and also in fixed; Sonaecom in pay TV service; PT Prime and PT Comunicações in fixed and internet, respectively; and Uniteldata, also in fixed service. As for solicitations received at the ANACOM public attendance services, 6,022 solicitations were recorded, of which 5,232 corresponded to complaints and the remaining 790 to information requests. Most were submitted by telephone and concerned the electronic communications sector; telephone service at a fixed location was subject to the most complaints.

RADIOMÓVEL AUTHORISED TO OFFER NOMAD BROADBAND SERVICE

By determination dated 31 March, ANACOM granted authorisation to Radiomóvel to use the SMRP-CDMA 450 MHz frequencies in the respective local access network for the provision of

nomad use broadband service. It was also determined that the operator should present clear and transparent information to end users about the characteristics of this new service. (+)

PORTED NUMBERS - APRIL 2010

At the end of April, total ported numbers had reached 1,535,982, of which 1,209,540 pertain to fixed telephone service (FTS), 325,132 to mobile telephone service (MTS) and 1,310 to other non-geographic services (NGS). Of the total

2,174,621 numbers ported from the introduction of portability through 30 April, 1,697,727 are FTS numbers, 475,281 MTS numbers and 1,613 NGS numbers. (+)

ANACOM AND CIVIL PROTECTION AGREE ON CO-OPERATION MECHANISMS

ANACOM and the National Civil Protection Authority (ANPC) signed last 4 May a collaboration protocol in a ceremony chaired by the State Secretary for Civil Protection, Vasco Franco. The aim of this protocol is to develop and make operational the public communications component of the National Civil Protection

Communications Plan. By means of this agreement the entities agree to co-operate in conducting studies and on joint participation in civil protection exercises and in emergency and protection operations in the scope of the Integrated Emergency and Protection Operations System (DIOPS). (+)

NEWLY ENACTED LEGISLATION

Law no. 3/2010 (Series I - *Diário da República* (D.R.) of 27 April) - Establishes the mandatory payment of late interest by the State for delays in fulfilling any monetary obligation.

OPERATORS/PROVIDERS OF COMMUNICATIONS NETWORKS AND SERVICES

OPERATORS/PROVIDERS OF ELECTRONIC COMMUNICATIONS NETWORKS AND SERVICES

	No. of authorised entities (a)	No. of operational entities (b)
Operators of Electronic Communications Networks (ECN)		
Cable Distribution Networks (CDN)	12	10
Other Electronic Communications Networks (c)	39	20
Providers of Electronic Communications Services (ECS)		
Television Signal Distribution Service (d)	16	13
Mobile Telephone Service (GSM and UMTS)		
- Mobile Network Operators (MNO)	3	3
- Virtual Mobile Network Operators (MVNO)	5	2
Fixed Telephone Service (FTS)	25	17
Trunking Mobile Service (TMS)	2	2
Internet Access Service (Fixed)	46	33
Nomad Use Voice over Internet Services (Nomad VoIP) (e)	22	8
Public Payphone Service	24	16
Virtual Calling Card Service	31	19

POSTAL SERVICE PROVIDERS

	No. of authorised entities (a)	No. of operational entities (b)
Express Mail Services	62	51 (f)
Services Not Covered by the Express Mail Category	12	10

AUDIOTEXT SERVICE PROVIDERS

	No. of authorised entities (a)	No. of operational entities (b)
Audiotext Services	12	4 (g)

(a) Situation at 31 March 2010

(b) Situation at 31 December 2009

(c) Other Electronic Communications Networks (except CDN).

(d) Includes services provided in the scope of CDN (9 providers, 2 of which hold networks not accessible to the public) and via other platforms (4 providers).

(e) Services provided using the '30' numbering range.

(f) Includes 24 companies providing the service under the MRW brand on a franchising basis (the company IBERCOURIER owns the MRW brand) and 13 companies providing the service under the NACEX brand on a franchising basis (the company LOGISTA owns the NACEX brand).

(g) Source: PT Comunicações, S.A. (no. of entities that presented traffic in the 4th quarter of 2009).

ARCTEL-CPLP - CONCLUSIONS OF 2ND GENERAL ASSEMBLY

The conclusions from the second General Assembly of the Association of Communications and Telecommunications Regulators from the Community of Portuguese Language Countries (ARCTEL-CPLP), held in Brasília last 29 April, have been made available. Highlights include the election of Ronaldo Sardenberg of the Brazilian regulator (ANATEL) to a two-year term (2010-2012) as president of the Association, and of David

Gomes of the Cape Verdean regulator (ANAC) as vice-president and Filipe Batista of ANACOM as secretary. Also approved were the Activities Report and Annual Report and Accounts, both for 2009; the 2010 Activities Report was also debated and approved. The next ARCTEL-CPLP General Assembly will be held in Portugal in 2011, at ANACOM's invitation. (+)

COMMUNICATIONS AROUND THE WORLD

EUROPEAN UNION

BEREC PUBLISHES 5TH ROAMING REPORT

The Body of European Regulators for Electronic Communications (BEREC) recently released the fifth report on international roaming in European public mobile telephone networks. In calls made, Europe's average Eurotariff dropped from 0.425 euros/minute in the second quarter of 2009 (when the ceiling was 0.46 euros/minute) to 0.381 euros/minute in the fourth quarter of 2009 (the Euro-tariff currently stands at 0.43 euros/minute). For calls received, the EU's Euro-tariff average also dropped, specifically from 0.201 euros/minute in the second quarter of 2009 (when the limit was 0.22 euros/minute) to 0.165 euros/minute in the fourth quarter of 2009 (period when the new tariff ceiling of 0.19 euros/minute was already applicable to the Eurotariff). The BEREC study also reveals that the average price of the Euro-SMS tariff was approximately 0.10 euros in the last two quarters of 2009, an amount below the ceiling of 0.11 euros/SMS. For roaming data services, note that for communications 'outside the group' (of the origin operator) the average intra-EU tariffs continued to drop, standing at 3.165 euros/Mb in the second quarter of 2009 and 2.668 euros/Mb in the fourth quarter of 2009. (+)

INFORMAL COUNCIL OF TELECOMS MINISTERS

The European Union's ministers responsible for telecommunications approved at the informal Council meeting on 19 April the Granada Declaration for the European Digital Agenda, which although not binding does aim to establish bases for the digital future of Europe. The Declaration focuses on the following areas: infrastructures; advanced open internet use, security and trust; digital user rights; single digital market; digital public services; enhanced competitiveness of the ICT sector in Europe; international scope of the digital agenda; assessment of progress. For example, for infrastructures it urges the adoption of measures to make good use of the digital dividend, envisaging comprehensive broadband coverage (100 percent) by 2013 and promoting widespread high speed broadband take-up by 2020. The promotion of innovative digital services based on wireless technologies, along with adoption of the European

spectrum policy programme to ensure efficient use of same, are also among the actions considered. (+)

5 MORE STATES JOIN eCALL SYSTEM

Belgium, Denmark, Luxembourg, Malta and Romania signed last 4 May the European Union Note of Understanding on implementation of the eCall system in Europe, thus joining 15 EU member States (among them Portugal) and three other countries already committed to the initiative. The eCall system is installed in automobiles and automatically calls Europe's single emergency number 112 in the event of a serious accident and transmits the exact location of the accident and other vital information to the closest emergency service. The EU estimates that the in-car eCall system can save up to 2,500 lives per year when fully implemented, besides reducing the consequences of serious accidents by more than 15 percent due to shorter emergency service response times. (+)

NEELIE KROES - SPEECHES ONLINE

The speeches given by the European Commissioner for Digital Agenda and Vice-President of the European Commission Neelie Kroes have been posted online. The speeches were given on the following occasions: in Paris on 13 April, during an ARCEP (French regulator) conference on network neutrality; in Valencia on 14 April, during a Spanish EU Presidency conference on "The European Framework Programmes: from economic recovery to sustainability"; and in Strasbourg on 20 April, at the exhibit on "Science beyond Fiction: future and emerging technologies" at the European Parliament. (+)

EMERG LAUNCHES WEBSITE

The website of the Euro-Mediterranean Regulators Group (EMERG) is already up and running. Officially established on 1 July 2008, this group gathers representatives of the electronic communications sector from the Mediterranean basin region, among them ANACOM, and aims not only to share experience but also to consolidate and harmonise regulation principles. (+)

ANACOM INTERNATIONAL ACTIVITY

As representative of the communications sector before international sector organisations, the *Autoridade Nacional de Comunicações* (ANACOM) took part in a number of recent meetings in the context of the European Conference of Postal and Telecommunications Administrations (CEPT), European Union (EU), Body of European Regulators for Electronic Communications (BEREC), European Telecommunications Standards Institute (ETSI) and the International Telecommunications Union (ITU).

CEPT

In the scope of the Electronic Communications Committee (ECC), ANACOM attended meetings of the following groups:

- Project team (PT) 47 of the Frequency Management working group (WG FM), chaired by Emmanuel Faussurier, on 16-17 March in London; (+)
- PT43 of the Spectrum Engineering working group (WG SE), on 7-9 April in Copenhagen; (+)
- PT45 of WG FM, also in Copenhagen, on 13-14 April. (+)

Under the European Committee for Postal Regulation (CERP), the Portuguese regulator attended last 7-8 April the following gatherings in Lisbon:

- Third meeting of the PT devoted to postal service consumers; (+)
- A meeting of PT Policy. (+)

ANACOM also took part on 12 April in Geneva in the meeting of the CEPT Committee in charge of European co-ordination vis-à-vis participation in ITU activities (Com-ITU). (+)

CO-OPERATION WITH THE HUNGARIAN ADMINISTRATION

Under the existing co-operation protocol between the *Autoridade Nacional de Comunicações* (ANACOM) and the Hungarian National Communications Authority (NHH), the two regulators held yet another technical collaboration activity on 12-16 April, focusing on spectrum monitoring and control. The Hungarian delegation was represented by three personnel from the NHH

EU

The second meeting of the Digital Dividend working group of the Radio Spectrum Policy Group (RSPG) took place last 25 March in Dublin, with the participation of ANACOM. (+)

BEREC

The Portuguese regulator was represented in Paris last 12 March at the meeting of the PT on Network Neutrality. (+)

ETSI

The French city of Cannes hosted last 30-31 March the 55th ETSI General Assembly (GA), in which ANACOM participated. (+)

ITU

ANACOM took part in the following events in Geneva:

- the 13-22 April meeting of the ITU Council, the body in charge of the organisation's management between Plenipotentiary Conferences; (+)
- on 12 and 23 April, respectively, in the second and third meetings of the ITU Council working group in charge of preparing for the World Conference on International Telecommunications (WCIT). (+)

HIRING IN INTERNATIONAL INSTITUTIONS

The Geneva-based ITU is recruiting candidates for the following vacant positions: co-ordinator, Corporate Strategic Planning; and chief, Study Group Department (SGD). Candidates are asked to submit applications by 11 June.

Applications are also sought for the vacant positions of posted experts in the European Commission; candidates should submit their respective information by 15 May and 15 June.

OJEU

Directive 2010/13/EU - Of the European Parliament and of the Council of 10 March 2010, concerning the co-ordination of certain legislative, regulatory and administrative provisions of the member States with respect to the offer of audiovisual social communication services ("Audiovisual Social Communication Services Directive"). Published on 15 April.

NEWS FROM OTHER COUNTRIES

GERMANY - Bundesnetzagentur (BNetzA)

- The regulator announced last 5 May that Deutsche Telekom had handed over the first distribution frame for its network to an alternative operator. This is considered a vital step in broadband's expansion to the most remote areas of the country. (+)

BRAZIL - Agência Nacional de Telecomunicações (ANATEL)

- At the end of the first quarter of 2010, subscription television reached 7.9 million households. Bearing in mind the average number of persons per household disclosed by the Brazilian Institute of Geography and Statistics (IBGE), this means the service is at the disposal of 26 million Brazilians. In technological terms, cable television is the leader, with 4.46 million subscribers, followed by services provided by satellite (DTH), with about 3 million.
- At the end of March, mobile telephone service (MTS) counted more than 179 million accesses, for a penetration rate of 93.01 subscriptions per 100 inhabitants. Some 147.7 million (82.48 percent) of total accesses are prepaid, with the remaining 31.4 million (17.52 percent) corresponding to postpaid modes.

CAPE VERDE - Agência Nacional das Comunicações (ANAC)

- The regulator has launched a public tender, under way until 25 June, to acquire a system to evaluate the quality of mobile telephony networks in order to technically examine the second generation networks' performance and evolutions (GPRS, for example) and which should also enable expansion of analysis to third and fourth generation networks. (+)

SPAIN - Comisión del Mercado de las Telecomunicaciones (CMT)

- The regulator has published the latest data on competition in the broadband market, revealing that the competition zones (areas with the presence of own networks of at least three alternative operators besides the incumbent Telefónica, and the exchange having at least 10,000 copper-wire pairs) account for 41.4 percent of total connections in Spain.
- In 2009 electronic commerce's turnover in Spain reached 5.75 billion euros, up 11 percent over 2008. Revenues of 1.57 billion euros were generated in fourth quarter 2009 alone, a 26.1 increase over the same period in 2008.

SPAIN - Ministério da Indústria, Turismo e Comércio (MITYC)

- MITYC has announced the opening to applicants of assistance under the so-called "Plan Avanza", under which 225 million euros are addressed to initiatives aiming to boost telecommunications and the information society.

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

- First quarter 2010 statistical data on the mobile communications market has been published and indicates the existence of 61.5 million mobile telephone service (MTS) subscribers - 43.3 million for postpaid services and 18.2 million for prepaid offerings. The MTS penetration rate stood at 95.2 accesses per 100 inhabitants. (+)
- The French government's proposal to adopt the so-called 'telecom package' (of directives adopted on 25 November 2009 by the European Parliament and by the Council and which constitute Europe's new regulatory framework for electronic communications) has been placed in public consultation until 25 May.
- The regulator has set at 22.7 million euros the net cost of obligations resulting from universal telecommunications service in 2008. The incumbent operator, France Telecom, should be compensated with 14.8 million euros.

IRELAND - Commission for Communications Regulation (ComReg)

- As Eircom's period as the designated universal service operator expires on 30 June, the regulator has launched a public consultation, under way until 21 May, to gather opinions from interested parties on the provision of that service from July 2010 on. (+)
- A study has been released on the first quarter 2010 use of information and communication technologies by Irish companies, specifically concerning the fixed telephony, mobile telephony and internet markets and broadband communications. (+)

UNITED KINGDOM - Office of Communications (Ofcom)

- The regulator has launched a public consultation on mobile termination rates (MTRs) which ends on 23 June. The initiative comes less than a year before the current rules limiting MTRs expire (on 31 March 2011). (+)
- The future of spectrum policy, specifically the determination of prices charged by the regulator, have also been placed under public consultation until 21 June. (+)
- Using mystery shoppers to check on compliance with the voluntary code of good practices regarding broadband speeds, Ofcom verified that some indications are being followed, although there is still room for improvement in certain aspects. The survey revealed, for example, that most (85 percent) shoppers were given an estimate of the top speed of the broadband connection they wanted to acquire, but that 75 percent were not informed that the actual connection speed would be less than the maximum speed announced. (+)

PORTABILITY - CLARIFICATION ABOUT COMPENSATION SYSTEM

The *Autoridade Nacional de Comunicações* (ANACOM) published last 16 April a clarification about the system for compensations established in article 26 of the Portability Regulation (Regulation no. 58/2005, published on 18 August, with modifications introduced by Regulation no. 87/2009, published on 18 February, and by Regulation no. 302/2009, published on

16 July), following doubts raised by some service providers about how those rules are applied. Information supplied by the telephone service providers was likewise made available, concerning the termination documents the latter want sent them when portability is made effective. (+)

2010 WORLD TELECOMMUNICATIONS AND INFORMATION SOCIETY DAY

"Better city, better life with information and communication technologies (ICTs)" was the theme topic chosen by the International Telecommunication Union (ITU) to mark World Telecommunications and Information Society Day (WTISD) in 2010, on 17 May, calling attention to the role ICTs can play in creating better living conditions in cities of the future. National commemorations are to be held at the Portuguese Foundation for Communications (FPC) in Lisbon, attended by the Minister for Public Works, Transport and Communications, António Mendonça, and the ANACOM President, also Chairman of the FPC

General Council. The book titled "History of Communications in Portugal - guide to documentary sources" will be launched, along with the magazine "Código", on the centennial of the Portuguese republic. Exhibitions will also be inaugurated, on the "Bionic Eye - communication trial" and "FPC Future Labs 2.0", while the Communications Museum's permanent collection will be enriched with new modules on the theme topic of "Communicating in the Republic - 100 years of history and technology". (+)

AGENDA

MEETINGS

CEPT

ECC

- WG SE (10-14 May)
- WG RA (11-14 May)
- WG FM (17-21 May)
- PT1 (19-21 May)
- WG SE PT 42 (25-26 May)

BEREC

Plenary meeting (27-28 May)

IRG

Plenary meeting (27-28 May)

EU

TTE Council (31 May)
COCOM (21 May)
Telecoms Group (12, 19 and 25 May)
RSPG WGDD (19 May)
R&TTE (27 May)
ECANB (28 May)

CENELEC

TC210 (11-12 May)

ITU

Radiocommunication Sector
- WP5C (10-20 May)
- WP5A and WP5B (10-21 May)
Telecommunications Development Sector
- WTDC (22 May - 4 June)

ITSO

Assembly of Parties (22-24 June)

EVENTS

- **11th Electro-technical and Telecommunications Sessions (JEET)**, Castelo Branco, 26 May
- **7th Annual itSMF Conference**, Lisbon, 25 May
- **Workshop IPv6 - Next Generation Internet**, Lisbon (19 May) and Porto (26 May)
- **Workshop "From Health to Well-being"**, ANACOM sponsorship, Lisbon, 19 May
- **5th Technological Sessions**, Viana do Castelo, 19-21 May
- **SWITCH Conference 2010**, Coimbra, 15-16 May
- **International UX Lx Conference: User Experience Lisbon 2010**, ANACOM sponsorship, Lisbon, 12-14 May

SPECTRU

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