

DECISION

Renewal of rights of use for frequencies allocated in 2100 MHz band for terrestrial electronic communications services

BACKGROUND

By determination of 17 November 2015¹, ANACOM approved a draft decision on the *renewal of rights of use for frequencies allocated in the 2100 MHz band for terrestrial electronic communications services*, which read as follows:

1. *To renew, for a 15-year period, rights of use for frequencies in the 1920-1980 MHz / 2110-2170 MHz sub-band allocated to NOS Comunicações, S. A., MEO – Serviços de Comunicações e Multimédia, S. A., and Vodafone Portugal - Comunicações Pessoais, S. A., under the terms laid down in draft endorsements to titles ICP-ANACOM No. 01/2012, ICP-ANACOM No. 02/2012 and ICP-ANACOM No. 03/2012, in Annex 1 hereto, deemed to be an integral part hereof.*
2. *To approve the list of 588 parishes as tend to lack mobile broadband coverage, determined according to the methodology described in point 4.2.2 above, which is laid down in Annex 2 to this determination, deemed to be an integral part hereof.*
3. *To determine that NOS Comunicações, S. A., MEO - Serviços de Comunicações e Multimédia, S. A., and Vodafone Portugal - Comunicações Pessoais, S. A., are required to cover 196 of parishes listed in Annex 2 to this determination, being granted a one-year period of time from the notification of the final decision on the renewal of the relevant rights of use for frequencies to notify ANACOM of the decision on the distribution that is reached by agreement.*
4. *It is incumbent on ANACOM to approve the result of the agreement referred to in the preceding paragraph or, in the absence thereof, to decide on the distribution of parishes among the referred operators, carrying out for this purpose a random selection of*

¹ Available at ["Renewal of rights of use of frequencies allocated in the 2100 MHz band for terrestrial electronic communications services"](#).

parishes, in order to implement the geographic scope of coverage obligations, which thus becomes an integral part of titles laying down rights of use for frequencies.

- 5. Where appropriate, the place, date and rules of the random selection shall be defined by ANACOM and notified to the referred operators.*
- 6. For the purpose of the draft amendment of point 11.3 of titles ICP-ANACOM No. 01/2012 and ICP-ANACOM No. 2/2012 and of point 12.3 of title ICP-ANACOM No. 03/2012, included in Annex 1 hereto and deemed to be an integral part hereof, NOS Comunicações, S. A., MEO - Serviços de Comunicações e Multimédia, S. A., and Vodafone Portugal - Comunicações Pessoais, S. A. are required:*
 - a) Within 60 working days from the date of renewal of the respective rights of use for frequencies, to submit to ANACOM responses to the ad-hoc questionnaire approved for this purpose in a separate determination taken by this Authority;*
 - b) In each year, to present to ANACOM a declaration confirming that, on 31 December of the preceding year, levels of population coverage reported in the respective responses to the referred ad-hoc questionnaire have been guaranteed. This declaration shall be signed by whoever is entitled to bind the company, bearing a certified signature or attaching the respective commercial register certificate or access code to the permanent certificate. The deadline to submit this annual declaration shall coincide with the deadline to submit the declaration referred to in point IV of determination of 17 November 2014 (vide IV.Decision).*
- 7. The renewal of the referred rights of use for frequencies in the 1920-1980 MHz / 2110-2170 MHz sub-band shall not have the effect of or result in the revocation of breach proceedings already initiated, or to be initiated, for failure to comply with obligations laid down in current titles ICP-ANACOM No. 01/2012, ICP-ANACOM No. 02/2012 and ICP-ANACOM No. 03/2012.*
- 8. Endorsements to titles ICP-ANACOM No. 01/2012, ICP-ANACOM No. 02/2012 and ICP-ANACOM No. 03/2012, as set out in Annex I hereto, shall only take effect as from 5 June 2018, 22 April 2018 and 6 May 2018, respectively, titles with the current wording remaining in force until such dates.*

This draft decision was submitted to the prior hearing of MEO - Serviços de Comunicações e Multimédia, S. A. (MEO), NOS Comunicações, S. A. (NOS) and Vodafone Portugal - Comunicações Pessoais, S. A. (VODAFONE), under article 100 *et seq* of the former Code of Administrative Procedure, approved by Decree-Law No. 442/91, of 15 November, as well as to the general consultation procedure, under articles 8 and 33, paragraph 3, of the Electronic Communications Law (ECL)², stakeholders having been granted 20 working days to assess both procedures, if they so wished.

Further to requests from NOS and MEO, ANACOM decided, by determination of 17 December 2015³, to extend for an additional period of 15 working days the period given to assess the public consultation and prior hearing procedures regarding this draft decision. The deadline for comments thus expired on 14 January 2016.

In the scope of the referred procedures, timely contributions were received from MEO, NOS and VODAFONE.

The report of the prior hearing and consultation procedures was drawn up, which is deemed to be an integral part of this decision, and includes a summary of contributions received as well as of ANACOM's views thereon. The report substantiates this decision, and justifies also amendments that ANACOM deemed fit to introduce hereto.

1. RENEWAL APPLICATIONS

By communications received on 17 November 2014, 26 November 2014 and 2 March 2015, NOS, MEO and VODAFONE applied to ANACOM, under article 33 of the Electronic Communications Law, for the renewal for a 15-year-period, of rights of use for frequencies allocated in the 1920-1980 MHz / 2110-2170 MHz sub-band, as set out in titles ICP-ANACOM No. 01/2012, ICP-ANACOM No. 02/2012 and ICP-ANACOM No. 03/2012.

² Law No. 5/2004, of 10 February, as amended and republished by Law No. 51/2011, of 13 September, and subsequently amended by Law No. 10/2013, of 28 January, by Law No. 42/2013, of 3 July, by Decree-Law No. 35/2014, of 7 March and by Law No. 82-B/2014, of 31 December.

³ Available at ["Extension of consultation on renewal of rights of use of frequencies allocated in 2100 MHz band for terrestrial electronic communications services"](#).

1.1. In its application, **NOS** refers that it intends to continue to operate part of its offer in the referred frequencies, with a view to provide services that fully exploit the potential of technologies available at any given time, in compliance with the legal and regulatory framework in force.

1.2. MEO not only requests that its right of use for frequencies reflects principles of technology and service neutrality, but also refers that such right supports the operation of UMTS systems that allow the provision of voice and data electronic communications services to its customers living in areas covered by the referred systems, and that the company requires the renewal of its right of use for frequencies to ensure continuity of the service that has been provided to its customers.

1.3. In support of its request, **VODAFONE** mentions in summary the following:

- Frequencies under consideration have been used for the provision of electronic communications services by the company, with high levels of quality, permanent innovation, efficiency and competitiveness, covering 99% of the population;
- The company uses the whole of frequencies in the 2100 MHz band, covering 2.1 million customers, who hold equipment using this technology. These frequencies are also used for its “small cells” product, complement the operation of frequencies assigned in other bands and are expected to be used for LTE purposes;
- The company is firmly committed to continue to use frequencies efficiently, so that customers are provided with quality and innovative electronic communications services that generate good levels of customer satisfaction;
- The company plays a relevant role in guaranteeing a competitive electronic communications sector, not only because it acts as market driver and as a catalyst for affordable prices to consumers, but also on account of its material and efficient contribution for innovation and improvement of electronic communications services provided in Portugal;
- The renewal of rights of use of these frequencies is not only essential, given the business nature and requirements of the company, but it is also in the public interest, given that:
 - It will allow the State to guarantee the continuity of an effective and efficient use of spectrum, in the light of the several million active mobile services of the company; also, the company generates relevant public revenue and

- contributes to the creation of several thousands of direct and indirect jobs;
- It provides the Portuguese population with services that use innovative and internationally acknowledged technology, being stressed that the company received the FTTH Operator Award for excellence and volume of investments in the implementation of high quality fibre networks In Portugal, Spain and Italy;
 - It will bring about the creation and export of know-how and intellectual property developed in Portugal, having the company established centres of excellence in Portugal and recently patented a pioneer TV service - «*Live on TV*»;
 - It will channel foreign investment into Portugal, the company having been one of the main promoters of investment of digital infrastructure in Portugal, with an investment in the last five years of several hundred million Euros in networks and services, and in the most recent project of the Vodafone Group, this was one of the operations selected for an investment of several hundred million Euros in its communications network;
 - It will guarantee the existence of competition and of more competitive prices in numerous electronic communications markets that traditionally have been less competitive, in particular due to its continuous investment in the FTTH network.

The company concludes that there are no facts that could determine the rejection of its application, as in its opinion it holds the technical and financial ability to continue to ensure an essential public service of vital importance for the country, given that it has complied in conscientious, expeditious and efficient manner with its obligations as holder of rights of use for frequencies, and that its thriving market performance suggests the relevance and guaranteed success of its commitments, and well as its endeavour to maintain and/or increase its range of subscribers.

VODAFONE thus considers that the best interests of users of electronic communications services, especially of mobile services, the need to ensure and promote the competitiveness of the communications market and the necessary guarantee that customers will continue to benefit from a quality electronic communications service, with the levels of satisfaction that have been achieved, make it imperative that the structure underlying the provision of this service is maintained and, as such, fully justify the renewal of rights of use for frequencies under consideration.

2. LEGAL REGIME OF RENEWAL OF RIGHTS OF USE FOR FREQUENCIES

Pursuant to article 33 of ECL⁴, rights of use for frequencies (RUF) are renewable, for the periods of time provided for in paragraph 1⁵ thereof and taking into account the criteria established for their determination, upon a request submitted by the right holder to ANACOM at the least one year ahead of the respective expiry date.

ANACOM is required to provide a response to the right holder within six months at the most, promoting for this purpose the general consultation procedure provided for in article 8, being entitled to:

- a) Oppose the renewal of the right of use through a duly substantiated decision;
- b) Grant the renewal under the same conditions specified in the initial allocation of the right of use, including the respective term;
- c) Grant the renewal imposing different conditions than those specified in the right.

ANACOM's silence, after the elapse of the six-month period, should be interpreted as a tacit approval of the application (article 33, paragraph 4).

Applications submitted by NOS, MEO and VODAFONE, here under consideration, thus represent requests for renewal of acts granting rights of use for frequencies in the 1920-1980 MHz / 2110-2170 MHz sub-band, the conditions for which have been set out in the corresponding titles.

3. SUSPENSION OF RENEWAL PROCEDURES

On 31 March 2015, VODAFONE requested of ANACOM, under articles 20 and 33, paragraph 3, of ECL, the amendment of the date of expiry of its RUF, seeking its postponement up to 5 May 2018.

Bearing in mind that it was required to rule on the request for amendment submitted by VODAFONE and that, in observance of the principles of impartiality and proportionality, the

⁴ And as such set out in point 16.2 of the title held by NOS, point 16.2 of the title held by MEO, and point 17.2 of the title held by VODAFONE.

⁵ According to which RUF are granted for a 15-year period of time, and in duly substantiated situations, according to the service concerned and taking due account of the objective pursued as well as of the need to allow for an appropriate period for investment amortisation, such rights may be granted for a different period, for a minimum of 10 years and a maximum of 20 years.

situation of other operators who obtained UMTS licenses under the same conditions should be taken into account, ANACOM took the view that the decision to be made, in the specific procedure on this last application made by VODAFONE, would necessarily influence ongoing renewal procedures, and could alter assumptions of corresponding applications outlined above.

As such, having concluded that the decision to be taken in the procedure for the amendment of the period of validity of VODAFONE's RUF represented a preliminary issue under paragraph 1 of article 38 of the (new) Administrative Procedure Code (approved by Decree-Law No. 4/2015, of 7 January), ANACOM determined, on **10 April 2015**, the suspension of procedures for the renewal of RUF held by NOS, MEO and VODAFONE, until a final decision on the request submitted by VODAFONE on 31 March 2015 was adopted.

By determination of **18 June 2015**, ANACOM approved a draft decision on the amendment of the period of validity of VODAFONE's RUF, having considered that there was no reason why NOS and MEO should be treated differently; consequently, in case these companies also applied for a postponement of the date of expiry of the respective RUF, such request would be decided in the same line as VODAFONE's.

After having assessed this draft decision, VODAFONE, on 24 July 2015 and on the basis of the assumption that ANACOM would determine the amendment of periods of validity of RUF, restated its application for RUF renewal, referring to the terms of the application previously submitted to ANACOM.

In the scope of its assessment to the draft decision, submitted on 27 July 2015, MEO requested the extension of the period of validity of its RUF to 21 April 2018.

By determination of **22 October 2015**, ANACOM determined the amendment of the period of validity of RUF held by VODAFONE and MEO, under draft endorsements to the respective titles in annex to the decision, having granted NOS a period of 5 working days to request, if the company so wished, the amendment of the date of expiry of its RUF.

ANACOM determined also that amendments of periods of validity of RUF held by VODAFONE and MEO would only take effect with the decision of final approval of endorsements to the respective titles, which would only be adopted further to the expiry of the time limit granted to NOS.

On 28 October 2015, NOS submitted a request for amendment of the date of expiry of its RUF to 4 July 2018, referring to the terms defined in ANACOM's decision of 22 October 2015.

In this context, on **17 November 2015**, ANACOM approved endorsements to RUF held by VODAFONE, MEO and NOS, which thus now expire on 5 May 2018, 21 April 2018 and 4 June 2018, respectively.

Consequently, procedures for renewal of the referred RUF resumed their course.

4. ASSESSMENT OF RENEWAL APPLICATIONS

Having applications for renewal of RUF held by NOS, MEO and VODAFONE been submitted sufficiently in advance, it is now incumbent on ANACOM, as explained above, to assess whether they may be approved and, in this case, to weight the suitability and proportionality of specific conditions associated thereto, no reasons being identified for a differentiated treatment between the three operators.

4.1. Technology and service neutrality

According to the respective titles, NOS, MEO and VODAFONE hold rights of use for frequencies, on national territory, for the provision of publicly available terrestrial electronic communications services in the 1920-1980 MHz/2110-2170 MHz sub-band, for the UMTS system or for other systems that comply with technical constraints that are established in the scope of the implementation of Decision No 676/2002/EC of the European Parliament and of the Council, of 7 March (emphasis added).

In this context, and in the scope of the referred Decision No 676/2002/EC, Commission Implementing Decision 2012/688/EU, of 5 November 2012, *on the harmonisation of the frequency bands 1 920-1 980 MHz and 2 110-2 170 MHz for terrestrial systems capable of providing electronic communications services in the Union*⁶, was published in the meantime.

⁶ Available at ["Commission Implementing Decision 2012/688/EU, of 05.11.2012"](#).

Under paragraph 2 thereof, by 30 June 2014 at the latest, or whenever applying article 9a of Directive 2002/21/EC at an earlier date to an existing right or issuing new rights to use part or all of the paired terrestrial 2 GHz band, Member States are required to designate and make available, on a non-exclusive basis, the paired terrestrial 2 GHz band for terrestrial systems capable of providing electronic communications services, in compliance with the parameters set out in the Annex.

As laid down in recital (2) of that Decision, the European Commission has *supported a more flexible use of spectrum in its Communication on «Rapid access to spectrum for wireless electronic communications services through more flexibility», which inter alia addresses the terrestrial 2 GHz band and aims to avoid disruption of the market. The principles of technological neutrality and service neutrality have been confirmed by Directive 2002/21/EC of the European Parliament and of the Council of 7 March 2002 on a common regulatory framework for electronic communications networks and services (Framework Directive).*

The designation of the paired sub-bands 1 920-1 980 MHz and 2 110-2 170 MHz («the paired terrestrial 2 GHz band») for systems capable of providing electronic communications services is an important element addressing the convergence of the mobile, fixed and broadcasting sectors and reflecting technical innovation. Systems deployed in the paired terrestrial 2 GHz band should mainly target end-user access to broadband services.

This shows that the use of frequencies allocated to NOS, MEO and VODAFONE has already been made flexible for terrestrial systems able to provide electronic communications services, in compliance with technical harmonisation conditions introduced by the referred Decision, on the basis of the principles of technology and service neutrality, such requirement for flexibility having been reflected in the National Frequency Allocation Plan (NFAP), with reference to Decision 2012/688/EU.

As such, and bearing in mind article 16-A of ECL⁷, it is deemed that conditions identified in Commission Implementing Decision 2012/688/EU already reflect the principles of technology and service neutrality.

⁷ According to which it is incumbent on ANACOM, within the scope of its spectrum management powers, to guarantee the principles of technology neutrality and service neutrality, without prejudice to its power, under paragraphs 2 to 6, to provide for proportionate, non-discriminatory and substantiated restrictions as regards the technology used for electronic communications services as well as to the types of electronic communication services to be provided.

To this end, it should be clarified in the scope of titles ICP-ANACOM No. 01/2012, No. 02/2012 and No. 03/2012 that the use of frequencies assigned to NOS, MEO and VODAFONE in the 1920-1980 MHz and 2110-2170 MHz sub-band, for the purpose of the provision of publicly available terrestrial electronic communications services must comply with conditions established in Commission Implementing Decision 2012/688/EU.

4.2. Coverage obligations

4.2.1. Framework

ANACOM takes the view that it is appropriate to take this opportunity to weight whether coverage obligations associated to RUF allocated to NOS, MEO and VODAFONE in the 1920-1980 MHz and 2110-2170 MHz sub-band should be reviewed.

Coverage obligations concerning data rates at 144 kbps and 384 kbps currently associated to the referred RUF correspond to obligations which operators undertook to observe in 2000, in the scope of the tender for allocation of licenses of a national scope for International Mobile Telecommunications Systems (IMT2000/UMTS), until the end of year 5 of the referred licenses (having later been accepted that this would correspond to the 5th year of operations, as the start of the service provision was hindered by a set of circumstances not under operator control).

These obligations remained unchanged both after amendments resulting from the 900 MHz and 1800 MHz refarming, promoted in 2010, although operators were allowed to use frequencies under consideration also for UMTS operation, and more recently in 2012, with the allocation of new RUF in the 800 MHz, 900 MHz (in the case of VODAFONE) and 1800 MHz and 2.1 and 2.6 GHz bands, further to the Multiband Auction⁸, in the scope of which new coverage obligations (80 parishes) were established for each lot of 2 x 5 MHz in the 800 MHz band.

The evolution in the use of mobile services from 2000 to date shows the increasing economic and social relevance of these services for final users. It is noted that when the

⁸ Auction for the allocation of rights of use for frequencies in the 450 MHz, 800 MHz, 900 MHz, 1800 MHz, 2.1 GHz and 2.6 GHz bands.

referred RUF were allocated, the penetration rate of the mobile telephone service was lower to 80 per 100 persons, while by the end of the second half of 2015, the penetration rate of active mobile stations exceeded 150 per 100 persons. The increasing level of use of broadband mobile services must also be stressed, furthered by the increase of smartphone users.

The growing relevance of mobile services, including mobile broadband services, has created in consumers in general, and final users in particular, an expectation with regard to the use of the service in any location of the national territory. On the other hand, general access to mobile services increasingly emerges as an indispensable condition to the development of the Information Society.

Notwithstanding the proliferation of mobile services, there are still geographical areas and populations who find it difficult to use them due to the lack of coverage of mobile networks in areas concerned. Other areas, with still large deficits, clearly require the reinforcement of existing levels of coverage and capacity. In both situations, the respective populations are being jeopardised.

Over the last few years, ANACOM has been confronted with several complaints both from institutions (especially from representatives of municipalities and local authorities) and from population groups, that identify locations/parishes or even municipalities where there are difficulties in the access to and use of mobile services, especially mobile broadband services, who demand higher and better levels of coverage and capacity.

Although in the scope of the Multiband Auction coverage obligations were imposed on bodies acquiring RUF in the 800 MHz band (having been identified 480 parishes who will benefit from these obligations), it has been found that such obligations are not sufficient to address situations of poor coverage that exist and which many citizens, companies and institutions still face on a daily basis.

As such, bearing in mind that it is incumbent on ANACOM to permanently pursue a set of regulation objectives, from which, in this context, the promotion of competition in the provision of electronic communications networks, electronic communications services and associated facilities and services, as well as the promotion of the interests of citizens (*vide* article 5, paragraph 1 a) and b) of the Electronic Communications Law) must be stressed, and taking into consideration in particular, the need to reduce info-excluded areas, in order

to reinforce social cohesion and to contribute to the promotion of the Information Society, it is deemed that obligations associated to RUF granted to NOS, MEO and VODAFONE in the 1920-1980 MHz / 2110-2170 MHz band must be reviewed.

In any case, ANACOM considers that, as no universal service obligations have currently been imposed in the scope of the provision of mobile services, it would not be proportional to force mobile operators to ensure, through the respective mobile networks, 100% coverage (or close) of the territory or population.

Moreover, given that the mobile service is supported on radio spectrum, there will always be areas where coverage could be lower, where the service could be provided with lower levels of quality or where the use of the service could even not be viable.

Notwithstanding, ANACOM desires to reduce areas potentially without coverage or where coverage only allows the use of mobile services with very low levels of quality. In this regard, it is highlighted that operators have already enjoyed a 14-year period of time that corresponds to the period during which they defined their initial business plans and levels of investment intended to be made and to which they would be bound. Having this stage been concluded, the renewal of RUF granted to NOS, MEO and VODAFONE in the 1920-1980 MHz / 2110-2170 MHz sub-band will allow the continuity of the respective business, and, in this framework, there are grounds to weight new obligations particularly targeted at areas and populations that currently have least benefited from services provided by these operators.

In the light of the above, it is deemed appropriate and proportional to determine the imposition of additional coverage obligations on NOS, MEO and VODAFONE in the 1920-1980 MHz / 2110-2170 MHz sub-band, as explained in points below.

4.2.2. Methodology to determine the list of parishes as tend to lack MBB coverage

Prior to the Multiband Auction (2011/2012), NOS, MEO and VODAFONE held RUF in the 900 MHz, 1800 MHz and 2100 MHz bands, and the relevant technology for the provision of the Mobile Broadband service (MBB) was, at the time, UMTS and respective evolutions HSDPA/HSUPA/HSPA, in operation only in the 2100 MHz band.

In this context, ANACOM, in order to identify the list of parishes as tended to lack MBB coverage, for the purpose of paragraphs 1 and 4 of article 34 of Regulation No. 560-A/2011 of 19 October (Multi-band Auction Regulation, governing the allocation of rights of use of frequencies in the 450 MHz, 800 MHz, 900 MHz, 1800 MHz, 2.1 GHz and 2.6 GHz bands)⁹, established a methodology exclusively based on stations registered in the 2100 MHz frequency band. To a large extent, the methodology established at the time was based on a distance (distance “d”) on the basis of which it was possible to identify parishes whose council seats had no base station operating in the 2100 MHz within that distance.

Given the specificities, from a technical point of view, of the different assumptions used by the operators, notably, inter alia, in terms of propagation models and sensitivity levels, ANACOM decided to use the “log-distance” propagation model, among other assumptions, which resulted in the determination of a distance “d” of 5.2 km.

Further to the Multiband Auction in 2012, in addition to frequency bands referred above, mobile operators were assigned RUF in the 800 MHz and 2.6 GHz bands, as well as additional spectrum in the 1800 MHz frequency band (VODAFONE was also assigned additional spectrum in the 900 MHz frequency band). As such, operators have more frequency bands available today for the provision of MBB, as well as the possibility to implement more technologies, namely WiMAX and LTE, which increases the potential to provide mobile broadband of a higher speed.

In a radio environment, the larger the frequency the higher the propagation loss, which implies a lower coverage per base station, and the higher the bandwidth the greater the potential to provide higher capacity. Currently, due to bandwidth limitations in some bands (such as in the 800 MHz band), mobile operators are not able to make the most out of LTE (in terms of transmission rates), as with other bands where a 20 MHz bandwidth is available.

As a rule, the closer the user is to a base station (such as UMTS or LTE) the higher the potential to have access to a higher speed transmission rates, given that the closer to the cell the higher radio energy, which allows access to higher order modulation (ex. 64QAM).

All this set of frequencies and technologies with potential for the provision of MBB requires the revision of the exercise carried out in 2012 (in particular to determine the distance “d”).

⁹ Determination of 9 November 2012 (available at ["Decision on the list of parishes as tend to lack mobile broadband coverage"](#)).

However, the determination of one, or several, distances “d” for various frequencies and technologies without a defined quantitative MBB threshold makes the exercise too difficult and complex. Moreover, it would be necessary to know which specific technologies (such as HSPA, LTE and respective bandwidth per sector) are used by operators to determine the potential of MBB offer per base station. The complexity of an exercise that takes into account a distance “d” for each band/technology and the numerous assumptions involved, led ANACOM to opt, in the process described below, for keeping the methodology simple, intelligible and independent of parameters used by operators when planning their networks - having in particular been chosen a methodology that is independent, as much as possible, of terrain models and propagation models used by operators.

From the analysis of registrations to base stations of mobile operators that ANACOM held in 16.06.2015, it was found that mobile operators continue to favour the installation of base stations in more densely populated locations, large urban centres, as well as main transit routes, where they are required to ensure a specific coverage, as well as to install the necessary resources to ensure sufficient capacity for their users, which implies an increase of the number of base stations installed in more densely populated locations.

Weighing this information and considering that, in 2012, 480 parishes were determined as tending to lack MBB coverage, it is verified that there still are geographic areas with potential for improvement in terms of MBB coverage/capacity, given that, the further away the user is from a base station, the lower the potential to have access to MBB coverage with a higher speed transmission rate, as referred above.

In this context, ANACOM adopted the following methodology to determine the list of parishes as tend to lack MBB coverage, identified in **Annex 2** hereto:

- A distance d of 5.2 km was used, which is equivalent to the distance determined in 2012 on the basis of generic assumptions;
- A GIS (Geographic Information System) tool was loaded with all base stations registered in 16-06-2015, as under present radio licensing, relating to the networks of operators that support services and considering all frequency bands;
- It was assumed that around a base station (regardless of the operating frequency), in a circle of 5.2 km, there is potential for the provision of mobile broadband;

- Areas outside the circle were considered as tending to lack MBB coverage (although some could already have MBB, it was considered that it would have potentially lower rates as areas concerned are further away from base stations);
- Where a part of the geographic area of a parish¹⁰ was outside the 5.2 km circle referred above, the parish was considered to tend to lack MBB coverage.

Notwithstanding the generic assumptions used in this methodology, the result of its application led to the identification to several parishes in addition to the 480 parishes already identified in the scope of the process of the Multiband Auction.

In the light of the above, ANACOM identified a list of 588 parishes as tend to lack MBB coverage, set out in **Annex 2** to this decision, deemed to be an integral part hereof, involving: 560 parishes of the Mainland, 4 parishes of the Autonomous Region of Madeira and 24 parishes of the Autonomous Region of the Azores.

4.2.3. Implementation of the coverage obligation in the 588 parishes as tend to lack MBB coverage

Parishes identified in the preceding point as tending to lack MBB coverage shall thus be the subject of new coverage obligations associated to RUF granted to NOS, MEO and VODAFONE in the 1920-1980 MHz / 2110-2170 MHz sub-band.

For the purpose of compliance with these additional coverage obligations it is deemed that parishes referred to in the preceding point are covered where 75% of the population of each of these parishes is provided with a MBB service that allows data transmission speed of 30 Mbps (maximum download speed). This speed corresponds to the theoretical upper rate that is possible for a user in an external environment, including signalling/codification traffic.

Bearing in mind that additional coverage obligations will only take effect after RUF have been renewed, which will occur by the middle of 2018 (April, June and May 2018, respectively for MEO, NOS and VODAFONE), and that, as explained in the next paragraph, a maximum period for full compliance obligations has been provided for these obligations, given that it is likely that all parishes integrating the referred obligations are covered only by 2019, it is deemed that that are grounds to define as transmission speed the target defined in the Digital Agenda for Europe, to take effect throughout Europe as from 2020.

¹⁰ On the basis of the 2011 CAOP – *Carta Administrativa Oficial de Portugal* (Official Administrative Map of Portugal).

The methodology establishing how compliance with these obligations by mobile operators is checked shall be approved in a separate determination of this Authority.

These coverage obligations must be complied with within one year at the most from the date of renewal of RUF.

Although this obligation is associated to spectrum in the 1920-1980 MHz / 2110-2170 MHz sub-band, it is deemed that there is no obstacle to authorising operators to comply with it using other bands over which rights of use for frequencies are held, taking into consideration the objective of increasing efficiency in the use of radio spectrum, implementing the principles of technology and service neutrality and making the implementation of coverage more effective, operators being required to decide, in the light of the relationship between coverage and capacity, which frequencies or combination of frequencies are more appropriate to comply with this obligation.

4.2.4. Selection of parishes

Each mobile operator must cover one third of listed parishes, for a total of 196 parishes per operator.

Operators are required to reach an agreement among them on the distribution of parishes, and must notify ANACOM within one year from the final decision on the RUF renewal of the decision that is taken.

ANACOM shall approve the result of the agreement reached between operators or, in the absence thereof or in case of a partial agreement, the Authority shall decide on the distribution of parishes not covered by the agreement, carrying out for this purpose a random selection of parishes, which shall determine the order in which operators will select parishes by turns, one by one, until all parishes have been assigned. After the random selection, operators shall be given up to one month during which they may agree on the exchange of parishes that have been assigned to each of them. Having the agreement and/or result of the random selection been approved, as appropriate, the geographic scope of coverage obligations will be deemed to be defined, and thus become an integral part of titles laying down rights of use for frequencies.

Where appropriate, operational details of the random selection, involving in particular the

place, date and other logistic issues, shall be defined by ANACOM and notified to the referred operators.

4.2.5. Obligation to maintain levels of population coverage not lower than those verified at the date of renewal of RUF

In the above-mentioned context, ANACOM takes the view that it is required to guarantee that minimum levels of coverage continue to be ensured to users, which must not be lower than those existing at the date of the renewal of RUF granted to NOS, MEO and VODAFONE in the 1920-1980 MHz / 2110-2170 MHz sub-band.

For this purpose, the reference basis shall be the coverage ensured by operators in the 1920-1980 MHz / 2110-2170 MHz sub-band, per total covered population per municipality, at the date of renewal of the referred RUF, concerning data services for the maximum speed provided in the respective municipality.

Above-mentioned speeds shall correspond to the theoretical upper rate that is possible for a user in an external environment, including signalling/codification traffic.

It is stressed that, although this obligation is associated to spectrum in the 1920-1980 MHz / 2110-2170 MHz sub-band, compliance therewith may be ensured through the use of any other frequency bands over which NOS, MEO and VODAFONE hold rights of use and of the technology deemed to be more appropriate to each situation.

For this purpose, NOS, MEO and VODAFONE are required:

- Within 60 working days from the date of renewal of their RUF, to submit to ANACOM responses to the ad-hoc questionnaire approved for this purpose in a separate determination taken by this Authority;
- In each year, to present to ANACOM a declaration confirming that, on 31 December of the preceding year, levels of population coverage reported in the respective responses to the referred ad-hoc questionnaire have been guaranteed. This declaration shall be signed by whoever is entitled to bind the company, bearing a certified signature or attaching the respective commercial register certificate or access code to the permanent certificate. The deadline to submit this annual declaration shall coincide with the deadline to submit the declaration referred to in point IV of determination of 17 November 2014 (*vide* ["IV. Decision"](#)).

4.3. Commitments of the UMTS public tender

NOS, MEO and VODAFONE are, in this scope, obliged to *follow through the commitments made in bids within the public tender for allocation of licenses for international mobile telecommunication systems (IMT2000/UMTS), in particular the following:*

- a) To make available a set of special offers to low-income customers, customers with special needs, customers of rural and peripheral areas and institutions of proven social value, namely schools, libraries and hospitals;*
- b) To make available services and to implement a price policy and packages according to principles set out in bids.*

By Resolution of the Council of Ministers No. 42-B/2015, published in the Official Gazette of 19 June 2015, the Government decided to determine that **(i)** contributions found to be missing on the part of mobile operators in the scope of the e.school Programme must be allocated to the development by mobile operators of their own projects which may be qualified as contributions to information society and that, **(ii)** having ANACOM indicated values validated by the Validation Committee, from which it was concluded that the amount of contributions made by each mobile operator in the scope of their own projects exceeded the value to which they had committed themselves in the scope of the respective UMTS license, exceeding in fact the amount due within the scope of the e.school Programme, no contributions are left to be made by mobile operators as far as this programme is concerned (cfr. paragraphs 8 and 9 of RCM).

As a result, ANACOM takes the view that there are no grounds for the reference to the above-mentioned point a), and there are also no grounds for the specification in point b), thus both points are removed from the corresponding paragraphs in titles ICP-ANACOM No. 01/2012, ICP-ANACOM No. 02/2012 and ICP-ANACOM No. 03/2012.

Moreover, point a) of paragraph 8 of titles ICP-ANACOM No. 01/2012 and ICP-ANACOM No. 02/2012, and of paragraph 9 of title ICP-ANACOM No. 03/2012, concerning the obligation to report on a six-month basis up-to-date information on services and facilities provided, as well as on prices charged, is also removed.

5. CONCLUSIONS

In the light of the above, and all things considered, ANACOM takes the view that there is nothing to prevent the renewal, for a 15-year period, of rights of use for frequencies held by NOS, MEO and VODAFONE in the 1920-1980 MHz / 2110-2170 MHz sub-band, although, nonetheless, different conditions than those set out initially in titles ICP-ANACOM No. 01/2012, ICP-ANACOM No. 02/2012 and ICP-ANACOM No. 03/2012 are deemed to be required, in particular:

- Amendment of conditions for use of frequencies in the 1920-1980 MHz / 2110-2170 MHz sub-band, which shall take place in compliance with conditions established in Commission Implementing Decision 2012/688/EU;
- Amendment of coverage obligations;
- Redrafting of paragraphs in titles ICP-ANACOM No. 01/2012, ICP-ANACOM No. 02/2012 and ICP-ANACOM No. 03/2012 concerning commitments undertaken by operators in the scope of the UMTS public tender, as well as the removal of point a) of paragraph 8 of titles ICP-ANACOM No. 01/2012 and ICP-ANACOM No. 02/2012, and of paragraph 9 of title ICP-ANACOM No. 03/2012.

It is also deemed appropriate on this occasion to update references to the legal framework of fees due for the use of radio spectrum.

6. DECISION

Therefore, **the Management Board of ANACOM**, under articles 32 and 33, paragraph 3 c) of the Electronic Communications Law, in the exercise of powers conferred under article 9, paragraph 1 b), and under point q) of paragraph 1 of article 26, both of its Statutes, approved by Decree-Law No. 39/2015, of 16 March, **hereby determines as follows:**

1. To renew, for a 15-year period, rights of use for frequencies in the 1920-1980 MHz / 2110-2170 MHz sub-band allocated to NOS Comunicações, S. A., MEO – Serviços de Comunicações e Multimédia, S. A., and Vodafone Portugal - Comunicações Pessoais, S. A., under the terms laid down in endorsements to titles ICP-ANACOM No. 01/2012, ICP-ANACOM No. 02/2012 and ICP-ANACOM No. 03/2012, in annex 1 hereto, deemed to be an integral part hereof.

2. To approve the list of 588 parishes as tend to lack mobile broadband coverage, determined according to the methodology described in point 4.2.2 above, which is laid down in Annex 2 to this determination, deemed to be an integral part hereof.
3. To determine that NOS Comunicações, S. A., MEO - Serviços de Comunicações e Multimédia, S. A., and Vodafone Portugal - Comunicações Pessoais, S. A., are required to cover 196 of parishes listed in Annex 2 to this determination, being granted a one-year period of time from the notification of the final decision on the renewal of the relevant rights of use for frequencies to notify ANACOM of the decision on the distribution that is reached by agreement.
4. It is incumbent on ANACOM to approve the result of the agreement referred to in the preceding paragraph or, in the absence thereof or in case of a partial agreement, to decide on the distribution of parishes not covered by the agreement, carrying out for this purpose a random selection of parishes, which shall determine the order in which operators will select parishes by turns, one by one, until all parishes have been assigned. After the random selection, operators shall be given up to one month during which they may agree on the exchange of parishes that have been assigned to each of them. Having the agreement or result of the random selection been approved, as appropriate, the geographic scope of coverage obligations will be deemed to be defined, and thus become an integral part of titles laying down rights of use for frequencies.
5. Where appropriate, operational details of the random selection referred to in the preceding paragraph, involving in particular the place, date and other logistic issues, shall be defined by ANACOM and notified to the referred operators.
6. For the purpose of point 11.3 of titles ICP-ANACOM No. 01/2012 and ICP-ANACOM No. 02/2012 and of point 12.3 of title ICP-ANACOM No. 03/2012, included NOS Annex 1 hereto and deemed to be an integral part hereof, NOS Comunicações, S. A., MEO - Serviços de Comunicações e Multimédia, S. A., and Vodafone Portugal - Comunicações Pessoais, S. A. are required:
 - a) Within 60 working days from the date of renewal of the respective rights of use for frequencies, to submit to ANACOM responses to the ad-hoc questionnaire approved for this purpose in a separate determination taken by this Authority;

- b) In each year, to present to ANACOM a declaration confirming that, on 31 December of the preceding year, levels of population coverage reported in the respective responses to the referred ad-hoc questionnaire have been guaranteed. This declaration shall be signed by whoever is entitled to bind the company, bearing a certified signature or attaching the respective commercial register certificate or access code to the permanent certificate. The deadline to submit this annual declaration shall coincide with the deadline to submit the declaration referred to in point IV of determination of 17 November 2014 ([vide "IV. Decision"](#)).
7. The renewal of the referred rights of use for frequencies in the 1920-1980 MHz / 2110-2170 MHz sub-band shall not have the effect of or result in the revocation of breach proceedings already initiated, or to be initiated, for failure to comply with obligations laid down in current titles ICP-ANACOM No. 01/2012, ICP-ANACOM No. 02/2012 and ICP-ANACOM No. 03/2012.
8. Endorsements to titles ICP-ANACOM No. 01/2012, ICP-ANACOM No. 02/2012 and ICP-ANACOM No. 03/2012, as set out in Annex I hereto, shall only take effect as from 5 June 2018, 22 April 2018 and 6 May 2018, respectively, titles with the current wording remaining in force until such dates.

Lisbon, 18 February 2016.

ANNEX 1

TITLE OF RIGHTS OF USE FOR FREQUENCIES FOR TERRESTRIAL ELECTRONIC COMMUNICATIONS SERVICES ICP - ANACOM No. 01/2012 ENDORSEMENT No. 4

1. Paragraph 1.a) of this title is hereby amended to read as follows:

a) Rights of use, on national territory, of 2 x 7.8 MHz in the 900 MHz frequency band (880-915 MHz / 925-960 MHz) and of 2 x 6 MHz in the 1800 MHz frequency band (1710-1785 MHz / 1805-1880 MHz) for systems identified in annex to Decision 2009/766/EC, as amended by Decision 2011/251/EU, and of 2 x 15 MHz in the 1920-1980 MHz / 2110-2170 MHz sub-band, in the 2100 MHz band, according to conditions identified in Commission Implementing Decision 2012/688/EU.

2. Paragraph 6.r) of this title is hereby amended to read as follows:

Payment of the following fees:

(i) Fee due for the exercise of the activity of provider of electronic communications networks and services, under point b) of paragraph 1 of article 105 of the Electronic Communications Law and according to rules set out in Administrative Rule No. 1473-B/2008, of 17 December, as subsequently amended;

(ii) Fees due for the use of radio spectrum, under point f) of paragraph 1 of article 105 of the Electronic Communications Law and article 19 of Decree-Law No. 151-A/2000, of 20 July, as subsequently amended, for the amounts set out in Administrative Rule No. 1473-B/2008, of 17 December, as subsequently amended.

3. Paragraph 8.a) of this title is hereby amended to read as follows:

a) (Removed).

4. Paragraph 9.1.b) of this title is hereby amended to read as follows:

b) 2 x 15 MHz in the 1920-1980 MHz / 2110-2170 MHz sub-band, according to conditions identified in Commission Implementing Decision 2012/688/EU.

5. Paragraph 9.3. of this title is hereby amended to read as follows:

The use of systems in the 2100 MHz band under technical conditions other than those laid down in annex to Commission Implementing Decision 2012/688/EU shall require the prior authorization from ANACOM, at the substantiated request of NOS.

6. Paragraph 11 of this title is hereby amended to read as follows:

11. Coverage obligations

11.1. NOS is required, under point a) of paragraph 1 of article 32 of the Electronic Communications Law, to ensure, both in terms of population and of geographical distribution, the compliance with the following coverage obligations:

a) As regards the provision of voice and data services up to 9600 bps, a minimum coverage not lower than that verified on 17 May 2012, date of the renewal of Rights of Use for Frequencies concerned by paragraph 9.1.a) of this title;

b) As regards the provision of data services in the 1920-1980 MHz / 2110-2170 MHz sub-band, a minimum coverage not lower than that verified on 4 June 2018, date of the renewal of Rights of Use for Frequencies concerned by paragraph 9.1.b) of this title.

11.2. For the purpose of point a) of the preceding paragraph, the reference basis for the ensured level of coverage shall be considered to be the information submitted by NOS to ANACOM in the scope of the ad-hoc questionnaire approved by determination of this Authority on 17 May 2012.

11.3. For the purpose of point b) of paragraph 11.1, the reference basis for the ensured level of coverage shall be considered to be the information submitted by NOS to ANACOM in the scope of the ad-hoc questionnaire approved in a separate determination to be taken by this Authority.

11.4. Compliance with coverage obligations referred in paragraph 11.1 may be ensured using spectrum identified in paragraph 9.

11.5. ANACOM is entitled to determine levels of coverage required for specific locations and areas where this proves to be justified to fulfil communication needs of interest for the population and for economic and social development.

11.6. For the purpose of the preceding paragraph, the determination of coverage of specific locations shall be preceded by the prior hearing of NOS.

11.7. NOS is also required, under point a) of paragraph 1 of article 32 of the Electronic Communications Law, to comply with coverage requirements set out as follows:

a) To ensure the associated coverage of 196 parishes as tend to lack mobile broadband coverage, selected under terms and conditions set out in ANACOM's determination of 18 February 2016;

b) In parishes referred to in the preceding paragraph, NOS is required to make available to at least 75% of the population a mobile broadband service that allows data transmission speed of 30 Mbps (maximum download speed);

c) These coverage obligations must be complied with within at the most one year from the date of renewal of Rights of Use for Frequencies concerned by paragraph 9.1.b) of this title, that is, by 4 June 2018;

d) Compliance with coverage obligations shall be measured, throughout the period during which Rights of Use for Frequencies concerned by paragraph 9.1.b) of this title are in force, by reference to the nomenclature and administrative limits of parishes as set out in the 2011 CAOP – Carta Administrativa Oficial de Portugal (Official Administrative Map of Portugal);

e) NOS is entitled to comply with coverage obligations provided for in this paragraph using any of the rights of use for frequencies which it holds under this title.

7. Paragraph 14 of this title is hereby amended to read as follows:

14. Commitments of the UMTS public tender

NOS is required, under point g) of paragraph 1 of article 32 of the Electronic Communications Law, to follow through the commitments made in bids within the

public tender for allocation of licenses for international mobile telecommunication systems (IMT2000/UMTS).

8. Paragraph 16.1.a) of this title is hereby amended to read as follows:

a) On 4 June 2033, for frequencies assigned in the 2100 MHz band.

Lisbon, 18 February 2016.

TITLE
OF RIGHTS OF USE FOR FREQUENCIES
FOR TERRESTRIAL ELECTRONIC COMMUNICATIONS SERVICES
ICP - ANACOM No. 02/2012
ENDORSEMENT No. 5

1. Paragraph 1.a) of this title is hereby amended to read as follows:

a) Rights of use, on national territory, of 2 x 8 MHz in the 900 MHz frequency band (880-915 MHz / 925-960 MHz) and of 2 x 6 MHz in the 1800 MHz frequency band (1710-1785 MHz / 1805-1880 MHz) for systems identified in annex to Decision 2009/766/EC, as amended by Decision 2011/251/EU, and of 2 x 20 MHz in the 1920-1980 MHz / 2110-2170 MHz sub-band, in the 2100 MHz band, according to conditions identified in Commission Implementing Decision 2012/688/EU.

2. Paragraph 6.r) of this title is hereby amended to read as follows:

Payment of the following fees:

(i) Fee due for the exercise of the activity of provider of electronic communications networks and services, under point b) of paragraph 1 of article 105 of the Electronic Communications Law and according to rules set out in Administrative Rule No. 1473-B/2008, of 17 December, as subsequently amended;

(ii) Fees due for the use of radio spectrum, under point f) of paragraph 1 of article 105 of the Electronic Communications Law and article 19 of Decree-Law No. 151-A/2000, of 20 July, as subsequently amended, for the amounts set out in Administrative Rule No. 1473-B/2008, of 17 December, as subsequently amended.

3. Paragraph 8.a) of this title is hereby amended to read as follows:

a) (Removed).

4. Paragraph 9.1.b) of this title is hereby amended to read as follows:

b) 2 x 20 MHz in the 1920-1980 MHz / 2110-2170 MHz sub-band, according to conditions identified in Commission Implementing Decision 2012/688/EU.

5. Paragraph 9.3. of this title is hereby amended to read as follows:

The use of systems in the 2100 MHz band under technical conditions other than those laid down in annex to Commission Implementing Decision 2012/688/EU shall require the prior authorization from ANACOM, at the substantiated request of MEO.

6. Paragraph 11 of this title is hereby amended to read as follows:

11. Coverage obligations

11.1. MEO is required, under point a) of paragraph 1 of article 32 of the Electronic Communications Law, to ensure, both in terms of population and of geographical distribution, the compliance with the following coverage obligations:

a) As regards the provision of voice and data services up to 9600 bps, a minimum coverage not lower than that verified on 8 July 2010, date of issue of Right of Use for Frequencies ICP-ANACOM No. 02/2010;

b) As regards the provision of data services in the 1920-1980 MHz / 2110-2170 MHz sub-band, a minimum coverage not lower than that verified on 21 April 2018, date of renewal of Rights of Use for Frequencies concerned by paragraph 9.1.b) of this title.

11.2. For the purpose of point a) of the preceding paragraph, the reference basis for the ensured level of coverage shall be considered to be the information submitted by MEO to ANACOM in the scope of the ad-hoc questionnaire approved by determination of this Authority on 17 November 2011.

11.3. For the purpose of point b) of paragraph 11.1, the reference basis for the ensured level of coverage shall be considered to be the information submitted by MEO to ANACOM in the scope of the ad-hoc questionnaire approved in a separate determination to be taken by this Authority.

11.4. Compliance with coverage obligations referred in paragraph 11.1 may be ensured using spectrum identified in paragraph 9.

11.5. ANACOM is entitled to determine levels of coverage required for specific

locations and areas where this proves to be justified to fulfil communication needs of interest for the population and for economic and social development.

11.6. For the purpose of the preceding paragraph, the determination of coverage of specific locations shall be preceded by the prior hearing of MEO.

11.7. MEO is also required, under point a) of paragraph 1 of article 32 of the Electronic Communications Law, to comply with coverage requirements set out as follows:

a) To ensure the associated coverage of 196 parishes as tend to lack mobile broadband coverage, selected under terms and conditions set out in ANACOM's determination of 18 February 2016;

b) In parishes referred to in the preceding paragraph, MEO is required to make available to at least 75% of the population a mobile broadband service that allows data transmission speed of 30 Mbps (maximum download speed);

c) These coverage obligations must be complied with within at the most one year from the date of renewal of Rights of Use for Frequencies concerned by paragraph 9.1.b) of this title, that is, by 21 April 2018;

d) Compliance with coverage obligations shall be measured, throughout the period during which Rights of Use for Frequencies concerned by paragraph 9.1.b) of this title are in force, by reference to the nomenclature and administrative limits of parishes as set out in the 2011 CAOP – Carta Administrativa Oficial de Portugal (Official Administrative Map of Portugal);

e) MEO is entitled to comply with coverage obligations provided for in this paragraph using any of the rights of use for frequencies which it holds under this title.

7. Paragraph 14 of this title is hereby amended to read as follows:

14. Commitments of the UMTS public tender

MEO is required, under point g) of paragraph 1 of article 32 of the Electronic Communications Law, to follow through the commitments made in bids within the public tender for allocation of licenses for international mobile telecommunication systems (IMT2000/UMTS).

8. Paragraph 16.1.a) of this title is hereby amended to read as follows:

a) On 21 April 2033, for frequencies assigned in the 2100 MHz band.

Lisbon, 18 February 2016.

TITLE
OF RIGHTS OF USE FOR FREQUENCIES
FOR TERRESTRIAL ELECTRONIC COMMUNICATIONS SERVICES
ICP - ANACOM No. 03/2012
ENDORSEMENT No. 4

1. Paragraph 1.a) of this title is hereby amended to read as follows:

a) Rights of use, on national territory, of 2 x 8 MHz in the 900 MHz frequency band (880-915 MHz / 925-960 MHz) and of 2 x 6 MHz in the 1800 MHz frequency band (1710-1785 MHz / 1805-1880 MHz) for systems identified in annex to Decision 2009/766/EC, as amended by Decision 2011/251/EU, and of 2 x 20 MHz in the 1920-1980 MHz / 2110-2170 MHz sub-band, in the 2100 MHz band, according to conditions identified in Commission Implementing Decision 2012/688/EU.

2. Paragraph 7.r) of this title is hereby amended to read as follows:

Payment of the following fees:

- (i) Fee due for the exercise of the activity of provider of electronic communications networks and services, under point b) of paragraph 1 of article 105 of the Electronic Communications Law and according to rules set out in Administrative Rule No. 1473-B/2008, of 17 December, as subsequently amended;*
- (ii) Fees due for the use of radio spectrum, under point f) of paragraph 1 of article 105 of the Electronic Communications Law and article 19 of Decree-Law No. 151-A/2000, of 20 July, as subsequently amended, for the amounts set out in Administrative Rule No. 1473-B/2008, of 17 December, as subsequently amended.*

3. Paragraph 9.a) of this title is hereby amended to read as follows:

a) (Removed).

4. Paragraph 10.1.b) of this title is hereby amended to read as follows:

b) 2 x 20 MHz in the 1920-1980 MHz / 2110-2170 MHz sub-band, according to conditions identified in Commission Implementing Decision 2012/688/EU.

5. Paragraph 10.3. of this title is hereby amended to read as follows:

The use of systems in the 2100 MHz band under technical conditions other than those laid down in annex to Commission Implementing Decision 2012/688/EU shall require the prior authorization from ANACOM, at the substantiated request of VODAFONE.

6. Paragraph 12 of this title is hereby amended to read as follows:

12. Coverage obligations

12.1. VODAFONE is required, under point a) of paragraph 1 of article 32 of the Electronic Communications Law, to ensure, both in terms of population and of geographical distribution, the compliance with the following coverage obligations:

a) As regards the provision of voice and data services up to 9600 bps, a minimum coverage not lower than that verified on 8 July 2010, date of issue of Right of Use for Frequencies ICP-ANACOM No. 03/2010;

b) As regards the provision of data services in the 1920-1980 MHz / 2110-2170 MHz sub-band, a minimum coverage not lower than that verified on 5 May 2018, date of renewal of Rights of Use for Frequencies concerned by paragraph 10.1.b) of this title.

12.2. For the purpose of point a) of the preceding paragraph, the reference basis for the ensured level of coverage shall be considered to be the information submitted by VODAFONE to ANACOM in the scope of the ad-hoc questionnaire approved by determination of this Authority on 17 November 2011.

12.3. For the purpose of point b) of paragraph 12.1, the reference basis for the ensured level of coverage shall be considered to be the information submitted by VODAFONE to ANACOM in the scope of the ad-hoc questionnaire approved in a separate determination to be taken by this Authority.

12.4. Compliance with coverage obligations referred in paragraph 12.1 may be ensured using spectrum identified in paragraph 10.

12.5. ANACOM is entitled to determine levels of coverage required for specific

locations and areas where this proves to be justified to fulfil communication needs of interest for the population and for economic and social development.

12.6. For the purpose of the preceding paragraph, the determination of coverage of specific locations shall be preceded by the prior hearing of VODAFONE.

12.7. VODAFONE is also required, under point a) of paragraph 1 of article 32 of the Electronic Communications Law, to comply with coverage requirements set out as follows:

a) To ensure the associated coverage of 196 parishes as tend to lack mobile broadband coverage, selected under terms and conditions set out in ANACOM's determination of 18 February 2016;

b) In parishes referred to in the preceding paragraph, VODAFONE is required to make available to at least 75% of the population a mobile broadband service that allows data transmission speed of 30 Mbps (maximum download speed);

c) These coverage obligations must be complied with within at the most one year from the date of renewal of Rights of Use for Frequencies concerned by paragraph 10.1.b) of this title, that is, by 5 May 2018;

d) Compliance with coverage obligations shall be measured, throughout the period during which Rights of Use for Frequencies concerned by paragraph 10.1.b) of this title are in force, by reference to the nomenclature and administrative limits of parishes as set out in the 2011 CAOP – Carta Administrativa Oficial de Portugal (Official Administrative Map of Portugal);

e) VODAFONE is entitled to comply with coverage obligations provided for in this paragraph using any of the rights of use for frequencies which it holds under this title.

7. Paragraph 15 of this title is hereby amended to read as follows:

15. Commitments of the UMTS public tender

VODAFONE is required, under point g) of paragraph 1 of article 32 of the Electronic Communications Law, to follow through the commitments made in bids within the public tender for allocation of licenses for international mobile telecommunication systems (IMT2000/UMTS).

8. Paragraph 17.1.a) of this title is hereby amended to read as follows:

a) On 5 May 2033, for frequencies assigned in the 2100 MHz band.

Lisbon, 18 February 2016.

ANNEX 2

List of Parishes

#	DISTRICT	MUNICIPALITY	PARISH	DICOFRE
1	AVEIRO	ANADIA	AVELAS DE CIMA	010305
2	AVEIRO	ANADIA	MOITA	010307
3	AVEIRO	AROUCA	ALBERGARIA DA SERRA	010401
4	AVEIRO	AROUCA	ALVARENGA	010402
5	AVEIRO	AROUCA	ESCARIZ	010409
6	AVEIRO	AROUCA	FERMEDO	010411
7	AVEIRO	AROUCA	JANARDE	010412
8	AVEIRO	AROUCA	SAO MIGUEL DO MATO	010417
9	AVEIRO	CASTELO DE PAIVA	PARAISO	010603
10	AVEIRO	VALE DE CAMBRA	AROS	011901
11	AVEIRO	VALE DE CAMBRA	CEPELOS	011903
12	AVEIRO	VALE DE CAMBRA	ROGE	011907
13	BEJA	ALJUSTREL	ALJUSTREL	020101
14	BEJA	ALJUSTREL	MESSEJANA	020103
15	BEJA	ALMODOVAR	ALMODOVAR	020201
16	BEJA	ALMODOVAR	ROSARIO	020203
17	BEJA	ALMODOVAR	SENHORA DA GRAÇA DE PADROES	020207
18	BEJA	ALVITO	ALVITO	020301
19	BEJA	ALVITO	VILA NOVA DA BARONIA	020302
20	BEJA	BARRANCOS	BARRANCOS	020401
21	BEJA	BEJA	BALEIZAO	020502
22	BEJA	BEJA	CABEÇA GORDA	020504
23	BEJA	BEJA	NOSSA SENHORA DAS NEVES	020506
24	BEJA	BEJA	SALVADA	020508
25	BEJA	BEJA	SANTA CLARA DE LOUREDO	020510
26	BEJA	BEJA	SAO BRISSOS	020514
27	BEJA	BEJA	SAO MATIAS	020516
28	BEJA	BEJA	TRINDADE	020517
29	BEJA	CASTRO VERDE	CASTRO VERDE	020602
30	BEJA	CASTRO VERDE	ENTRADAS	020603
31	BEJA	CASTRO VERDE	SAO MARCOS DA ATABOEIRA	020605
32	BEJA	CUBA	CUBA	020701
33	BEJA	CUBA	VILA ALVA	020703
34	BEJA	CUBA	VILA RUIVA	020704
35	BEJA	FERREIRA DO ALENTEJO	ALFUNDÃO	020801
36	BEJA	FERREIRA DO ALENTEJO	FERREIRA DO ALENTEJO	020802

37	BEJA	FERREIRA DO ALENTEJO	FIGUEIRA DOS CAVALEIROS	020803
38	BEJA	FERREIRA DO ALENTEJO	ODIVELAS	020804
39	BEJA	MERTOLA	ALCARIA RUIVA	020901
40	BEJA	MERTOLA	CORTE DO PINTO	020902
41	BEJA	MERTOLA	ESPIRITO SANTO	020903
42	BEJA	MERTOLA	MERTOLA	020904
43	BEJA	MERTOLA	SAO PEDRO DE SOLIS	020908
44	BEJA	MERTOLA	SAO SEBASTIAO DOS CARROS	020909
45	BEJA	MOURA	AMARELEJA	021001
46	BEJA	MOURA	POVOA DE SAO MIGUEL	021002
47	BEJA	MOURA	SAFARA	021003
48	BEJA	MOURA	MOURA (SANTO AGOSTINHO)	021004
49	BEJA	MOURA	SANTO ALEIXO DA RESTAURAÇÃO	021005
50	BEJA	MOURA	MOURA (SAO JOAO BAPTISTA)	021007
51	BEJA	ODEMIRA	COLOS	021101
52	BEJA	ODEMIRA	RELIQUIAS	021102
53	BEJA	ODEMIRA	SABOIA	021103
54	BEJA	ODEMIRA	SANTA CLARA-A-VELHA	021104
55	BEJA	ODEMIRA	ODEMIRA (SANTA MARIA)	021105
56	BEJA	ODEMIRA	SAO LUIS	021106
57	BEJA	ODEMIRA	SAO MARTINHO DAS AMOREIRAS	021107
58	BEJA	ODEMIRA	SAO TEOTONIO	021109
59	BEJA	ODEMIRA	VALE DE SANTIAGO	021110
60	BEJA	ODEMIRA	VILA NOVA DE MILFONTES	021111
61	BEJA	ODEMIRA	BICOS	021113
62	BEJA	ODEMIRA	BOAVISTA DOS PINHEIROS	021116
63	BEJA	OURIQUE	OURIQUE	021203
64	BEJA	OURIQUE	PANOIAS	021204
65	BEJA	OURIQUE	SANTANA DA SERRA	021206
66	BEJA	SERPA	VILA NOVA DE SAO BENTO	021301
67	BEJA	SERPA	BRINCHES	021302
68	BEJA	SERPA	PIAS	021303
69	BEJA	SERPA	SERPA (SALVADOR)	021304
70	BEJA	SERPA	SERPA (SANTA MARIA)	021305
71	BEJA	SERPA	VALE DE VARGO	021306
72	BEJA	SERPA	VILA VERDE DE FICALHO	021307
73	BEJA	VIDIGUEIRA	PEDROGAO	021401
74	BEJA	VIDIGUEIRA	SELMES	021402
75	BEJA	VIDIGUEIRA	VILA DE FRADES	021404
76	BRAGA	CABECEIRAS DE BASTO	ABADIM	030401
77	BRAGA	CABECEIRAS DE BASTO	RIO DOURO	030415
78	BRAGA	CABECEIRAS DE BASTO	VILAR DE CUNHAS	030417

79	BRAGA	TERRAS DE BOURO	CAMPO DO GERES	031003
80	BRAGA	TERRAS DE BOURO	CIBOES	031007
81	BRAGA	TERRAS DE BOURO	COVIDE	031008
82	BRAGA	TERRAS DE BOURO	RIO CALDO	031013
83	BRAGA	TERRAS DE BOURO	VILAR DA VEIGA	031017
84	BRAGA	VIEIRA DO MINHO	ANJOS	031102
85	BRAGA	VIEIRA DO MINHO	PINHEIRO	031112
86	BRAGA	VIEIRA DO MINHO	ROSSAS	031113
87	BRAGA	VIEIRA DO MINHO	RUIVAES	031114
88	BRAGA	VILA VERDE	ABOIM DA NOBREGA	031301
89	BRAGANÇA	ALFANDEGA DA FE	PARADA	040108
90	BRAGANÇA	ALFANDEGA DA FE	SENDIM DA RIBEIRA	040112
91	BRAGANÇA	ALFANDEGA DA FE	VILARELHOS	040119
92	BRAGANÇA	BRAGANÇA	ALFAIAO	040201
93	BRAGANÇA	BRAGANÇA	CALVELHE	040205
94	BRAGANÇA	BRAGANÇA	CARRAGOSA	040206
95	BRAGANÇA	BRAGANÇA	DEILAO	040211
96	BRAGANÇA	BRAGANÇA	ESPINHOSELA	040213
97	BRAGANÇA	BRAGANÇA	GIMONDE	040216
98	BRAGANÇA	BRAGANÇA	GOSTEI	040218
99	BRAGANÇA	BRAGANÇA	IZEDA	040220
100	BRAGANÇA	BRAGANÇA	MACEDO DO MATO	040221
101	BRAGANÇA	BRAGANÇA	MILHAO	040223
102	BRAGANÇA	BRAGANÇA	PARAMIO	040229
103	BRAGANÇA	BRAGANÇA	POMBARES	040231
104	BRAGANÇA	BRAGANÇA	QUINTANILHA	040232
105	BRAGANÇA	BRAGANÇA	SALSAS	040239
106	BRAGANÇA	BRAGANÇA	SAO JULIAO DE PALACIOS	040243
107	BRAGANÇA	BRAGANÇA	SENDAS	040246
108	BRAGANÇA	CARRAZEDA DE ANSIAES	BEIRA GRANDE	040302
109	BRAGANÇA	CARRAZEDA DE ANSIAES	LAVANDEIRA	040307
110	BRAGANÇA	CARRAZEDA DE ANSIAES	PEREIRO	040312
111	BRAGANÇA	CARRAZEDA DE ANSIAES	SEIXO DE ANSIAES	040316
112	BRAGANÇA	CARRAZEDA DE ANSIAES	ZEDES	040319
113	BRAGANÇA	FREIXO DE ESPADA A CINTA	FORNOS	040401
114	BRAGANÇA	FREIXO DE ESPADA A CINTA	FREIXO DE ESPADA A CINTA	040402
115	BRAGANÇA	FREIXO DE ESPADA A CINTA	LAGOAÇA	040403
116	BRAGANÇA	FREIXO DE ESPADA A CINTA	MAZOUCO	040405
117	BRAGANÇA	MACEDO DE CAVALEIROS	BAGUEIXE	040504
118	BRAGANÇA	MACEDO DE CAVALEIROS	CARRAPATAS	040507
119	BRAGANÇA	MACEDO DE CAVALEIROS	CHACIM	040509
120	BRAGANÇA	MACEDO DE CAVALEIROS	CORUJAS	040511

121	BRAGANÇA	MACEDO DE CAVALEIROS	GRIJO	040515
122	BRAGANÇA	MACEDO DE CAVALEIROS	LOMBO	040519
123	BRAGANÇA	MACEDO DE CAVALEIROS	PEREDO	040524
124	BRAGANÇA	MACEDO DE CAVALEIROS	SALSELAS	040526
125	BRAGANÇA	MIRANDA DO DOURO	MIRANDA DO DOURO	040608
126	BRAGANÇA	MIRANDA DO DOURO	SAO MARTINHO DE ANGUEIRA	040613
127	BRAGANÇA	MIRANDELA	ABAMBRES	040701
128	BRAGANÇA	MIRANDELA	ABREIRO	040702
129	BRAGANÇA	MIRANDELA	ALVITES	040704
130	BRAGANÇA	MIRANDELA	AVIDAGOS	040706
131	BRAGANÇA	MIRANDELA	CARAVELAS	040710
132	BRAGANÇA	MIRANDELA	MARMELOS	040719
133	BRAGANÇA	MIRANDELA	MURIAS	040722
134	BRAGANÇA	MIRANDELA	VALE DE ASNES	040731
135	BRAGANÇA	MIRANDELA	VALE DE GOUVINHAS	040732
136	BRAGANÇA	MIRANDELA	VALE DE SALGUEIRO	040733
137	BRAGANÇA	MOGADOURO	CASTELO BRANCO	040807
138	BRAGANÇA	MOGADOURO	MOGADOURO	040810
139	BRAGANÇA	MOGADOURO	PARADELA	040811
140	BRAGANÇA	MOGADOURO	PENAS ROIAS	040812
141	BRAGANÇA	MOGADOURO	SANHOANE	040816
142	BRAGANÇA	MOGADOURO	SAO MARTINHO DO PESO	040817
143	BRAGANÇA	MOGADOURO	VALE DE PORCO	040823
144	BRAGANÇA	TORRE DE MONCORVO	AÇOREIRA	040901
145	BRAGANÇA	TORRE DE MONCORVO	CABEÇA BOA	040903
146	BRAGANÇA	TORRE DE MONCORVO	CARDANHA	040904
147	BRAGANÇA	TORRE DE MONCORVO	HORTA DA VILARIÇA	040909
148	BRAGANÇA	TORRE DE MONCORVO	MOS	040913
149	BRAGANÇA	TORRE DE MONCORVO	TORRE DE MONCORVO	040916
150	BRAGANÇA	VILA FLOR	MOURAO	041007
151	BRAGANÇA	VILA FLOR	NABO	041008
152	BRAGANÇA	VILA FLOR	TRINDADE	041014
153	BRAGANÇA	VILA FLOR	VILAS BOAS	041019
154	BRAGANÇA	VIMIOSO	ALGOSO	041101
155	BRAGANÇA	VIMIOSO	ARGOZELO	041103
156	BRAGANÇA	VIMIOSO	AVELANOSO	041104
157	BRAGANÇA	VIMIOSO	CARÇAO	041107
158	BRAGANÇA	VIMIOSO	SANTULHAO	041110
159	BRAGANÇA	VIMIOSO	UVA	041111
160	BRAGANÇA	VIMIOSO	VILAR SECO	041113
161	BRAGANÇA	VINHAIS	PAÇO	041215
162	BRAGANÇA	VINHAIS	VALE DAS FONTES	041227

163	CASTELO BRANCO	BELMONTE	CARIA	050102
164	CASTELO BRANCO	CASTELO BRANCO	ALMACEDA	050202
165	CASTELO BRANCO	CASTELO BRANCO	BENQUERENÇAS	050203
166	CASTELO BRANCO	CASTELO BRANCO	CASTELO BRANCO	050205
167	CASTELO BRANCO	CASTELO BRANCO	CEBOLAIS DE CIMA	050206
168	CASTELO BRANCO	CASTELO BRANCO	ESCALOS DE BAIXO	050207
169	CASTELO BRANCO	CASTELO BRANCO	LARDOSA	050211
170	CASTELO BRANCO	CASTELO BRANCO	LOUSA	050213
171	CASTELO BRANCO	CASTELO BRANCO	MALPICA DO TEJO	050214
172	CASTELO BRANCO	CASTELO BRANCO	MONFORTE DA BEIRA	050216
173	CASTELO BRANCO	CASTELO BRANCO	SANTO ANDRE DAS TOJEIRAS	050221
174	CASTELO BRANCO	CASTELO BRANCO	SAO VICENTE DA BEIRA	050222
175	CASTELO BRANCO	CASTELO BRANCO	SARZEDAS	050223
176	CASTELO BRANCO	CASTELO BRANCO	SOBRAL DO CAMPO	050224
177	CASTELO BRANCO	COVILHA	CASEGAS	050306
178	CASTELO BRANCO	COVILHA	ERADA	050310
179	CASTELO BRANCO	FUNDAO	ALPEDRINHA	050406
180	CASTELO BRANCO	FUNDAO	BOGAS DE CIMA	050410
181	CASTELO BRANCO	FUNDAO	CAPINHA	050411
182	CASTELO BRANCO	FUNDAO	CASTELEJO	050412
183	CASTELO BRANCO	FUNDAO	CASTELO NOVO	050413
184	CASTELO BRANCO	FUNDAO	ESCARIGO	050415
185	CASTELO BRANCO	FUNDAO	POVOA DE ATALAIA	050422
186	CASTELO BRANCO	FUNDAO	SOUTO DA CASA	050426
187	CASTELO BRANCO	FUNDAO	VALE DE PRAZERES	050428
188	CASTELO BRANCO	FUNDAO	ENXAMES	050431
189	CASTELO BRANCO	IDANHA-A-NOVA	IDANHA-A-NOVA	050503
190	CASTELO BRANCO	IDANHA-A-NOVA	LADOEIRO	050505
191	CASTELO BRANCO	IDANHA-A-NOVA	MONFORTINHO	050507
192	CASTELO BRANCO	IDANHA-A-NOVA	OLEDIO	050509
193	CASTELO BRANCO	IDANHA-A-NOVA	PENHA GARCIA	050510
194	CASTELO BRANCO	IDANHA-A-NOVA	ROSMANINHAL	050512
195	CASTELO BRANCO	IDANHA-A-NOVA	SALVATERRA DO EXTREMO	050513
196	CASTELO BRANCO	IDANHA-A-NOVA	SEGURA	050515
197	CASTELO BRANCO	IDANHA-A-NOVA	ZEBREIRA	050517
198	CASTELO BRANCO	OLEIROS	CAMBAS	050603
199	CASTELO BRANCO	OLEIROS	ESTREITO	050604
200	CASTELO BRANCO	OLEIROS	MADEIRA	050606
201	CASTELO BRANCO	OLEIROS	MOSTEIRO	050607
202	CASTELO BRANCO	OLEIROS	OLEIROS	050608
203	CASTELO BRANCO	OLEIROS	ORVALHO	050609
204	CASTELO BRANCO	OLEIROS	SARNADAS DE SAO SIMAO	050610

205	CASTELO BRANCO	PENAMACOR	MEIMAO	050707
206	CASTELO BRANCO	PENAMACOR	PENAMACOR	050710
207	CASTELO BRANCO	PROENÇA-A-NOVA	MONTES DA SENHORA	050802
208	CASTELO BRANCO	PROENÇA-A-NOVA	PROENÇA-A-NOVA	050804
209	CASTELO BRANCO	SERTA	CERNACHE DO BONJARDIM	050904
210	CASTELO BRANCO	SERTA	CUMEADA	050905
211	CASTELO BRANCO	SERTA	MARMELEIRO	050908
212	CASTELO BRANCO	SERTA	PALHAIS	050910
213	CASTELO BRANCO	SERTA	PEDROGAO PEQUENO	050911
214	CASTELO BRANCO	SERTA	SERTA	050912
215	CASTELO BRANCO	SERTA	VARZEA DOS CAVALEIROS	050914
216	CASTELO BRANCO	VILA DE REI	FUNDADA	051001
217	CASTELO BRANCO	VILA VELHA DE RODAO	SARNADAS DE RODAO	051103
218	CASTELO BRANCO	VILA VELHA DE RODAO	VILA VELHA DE RODOO	051104
219	COIMBRA	CANTANHEDE	TOCHA	060214
220	COIMBRA	FIGUEIRA DA FOZ	BOM SUCESSO	060515
221	COIMBRA	GOIS	GOIS	060604
222	COIMBRA	PAMPILHOSA DA SERRA	JANEIRO DE BAIXO	061204
223	COIMBRA	SOURE	SAMUEL	061508
224	COIMBRA	SOURE	VINHA DA RAINHA	061512
225	EVORA	ALANDROAL	ALANDROAL (NOSSA SENHORA DA CONCEIÇÃO)	070101
226	EVORA	ALANDROAL	JUROMENHA (NOSSA SENHORA DO LORETO)	070102
227	EVORA	ALANDROAL	SANTIAGO MAIOR	070103
228	EVORA	ALANDROAL	TERENA (SAO PEDRO)	070105
229	EVORA	ARRAIOLOS	ARRAIOLOS	070201
230	EVORA	ARRAIOLOS	IGREJINHA	070202
231	EVORA	ARRAIOLOS	VIMIEIRO	070206
232	EVORA	BORBA	RIO DE MOINHOS	070303
233	EVORA	ESTREMOZ	GLORIA	070402
234	EVORA	ESTREMOZ	EVORA MONTE (SANTA MARIA)	070404
235	EVORA	ESTREMOZ	SANTA VITORIA DO AMEIXIAL	070405
236	EVORA	ESTREMOZ	SAO BENTO DO AMEIXIAL	070408
237	EVORA	ESTREMOZ	SAO BENTO DE ANA LOURA	070409
238	EVORA	ESTREMOZ	SAO BENTO DO CORTIÇO	070410
239	EVORA	ESTREMOZ	SAO DOMINGOS DE ANA LOURA	070411
240	EVORA	ESTREMOZ	VEIROS	070413
241	EVORA	EVORA	NOSSA SENHORA DA GRAÇA DO DIVOR	070502
242	EVORA	EVORA	NOSSA SENHORA DE MACHEDE	070503
243	EVORA	EVORA	NOSSA SENHORA DA TOUREGA	070504
244	EVORA	EVORA	SAO BENTO DO MATO	070506
245	EVORA	EVORA	SAO MANÇOS	070508

246	EVORA	EVORA	SAO MIGUEL DE MACHEDE	070509
247	EVORA	EVORA	SAO VICENTE DO PIGEIRO	070511
248	EVORA	EVORA	TORRE DE COELHOIROS	070513
249	EVORA	MONTEMOR-O-NOVO	LAVRE	070602
250	EVORA	MONTEMOR-O-NOVO	NOSSA SENHORA DO BISPO	070603
251	EVORA	MONTEMOR-O-NOVO	NOSSA SENHORA DA VILA	070604
252	EVORA	MONTEMOR-O-NOVO	SANTIAGO DO ESCOURAL	070605
253	EVORA	MONTEMOR-O-NOVO	SAO CRISTOVAO	070606
254	EVORA	MONTEMOR-O-NOVO	CIBORRO	070607
255	EVORA	MONTEMOR-O-NOVO	CORTIÇADAS DE LAVRE	070608
256	EVORA	MONTEMOR-O-NOVO	SILVEIRAS	070609
257	EVORA	MONTEMOR-O-NOVO	FOROS DE VALE DE FIGUEIRA	070610
258	EVORA	MORA	BROTAS	070701
259	EVORA	MORA	CABEÇAO	070702
260	EVORA	MORA	MORA	070703
261	EVORA	MORA	PAVIA	070704
262	EVORA	MOURAO	GRANJA	070801
263	EVORA	MOURAO	LUZ	070802
264	EVORA	MOURAO	MOURAO	070803
265	EVORA	PORTEL	ALQUEVA	070901
266	EVORA	PORTEL	AMIEIRA	070902
267	EVORA	PORTEL	PORTEL	070905
268	EVORA	PORTEL	SANTANA	070906
269	EVORA	PORTEL	SAO BARTOLOMEU DO OUTEIRO	070907
270	EVORA	PORTEL	VERA CRUZ	070908
271	EVORA	REDONDO	REDONDO	071002
272	EVORA	REGUENGOS DE MONSARAZ	CAMPO	071101
273	EVORA	REGUENGOS DE MONSARAZ	CORVAL	071102
274	EVORA	REGUENGOS DE MONSARAZ	MONSARAZ	071103
275	EVORA	REGUENGOS DE MONSARAZ	REGUENGOS DE MONSARAZ	071104
276	EVORA	VENDAS NOVAS	VENDAS NOVAS	071201
277	EVORA	VIANA DO ALENTEJO	ALCAÇOVAS	071301
278	EVORA	VIANA DO ALENTEJO	VIANA DO ALENTEJO	071302
279	EVORA	VILA VIÇOSA	BENCATEL	071401
280	EVORA	VILA VIÇOSA	CILADAS	071402
281	FARO	ALCOUTIM	ALCOUTIM	080201
282	FARO	ALCOUTIM	GIOES	080202
283	FARO	ALCOUTIM	MARTIM LONGO	080203
284	FARO	ALCOUTIM	PEREIRO	080204
285	FARO	ALCOUTIM	VAQUEIROS	080205
286	FARO	ALJEZUR	ALJEZUR	080301
287	FARO	ALJEZUR	ODECEIXE	080303

288	FARO	CASTRO MARIM	AZINHAL	080401
289	FARO	CASTRO MARIM	ODELEITE	080403
290	FARO	LOULE	ALTE	080802
291	FARO	LOULE	AMEIXIAL	080803
292	FARO	LOULE	SALIR	080807
293	FARO	LOULE	BENAFIM	080810
294	FARO	MONCHIQUE	ALFERCE	080901
295	FARO	MONCHIQUE	MARMELETE	080902
296	FARO	MONCHIQUE	MONCHIQUE	080903
297	FARO	SAO BRAS DE ALPORTEL	SAO BRAS DE ALPORTEL	081201
298	FARO	SILVES	SAO BARTOLOMEU DE MESSINES	081305
299	FARO	SILVES	SAO MARCOS DA SERRA	081306
300	FARO	SILVES	SILVES	081307
301	FARO	TAVIRA	CACHOPO	081401
302	FARO	TAVIRA	CONCEIÇÃO	081402
303	FARO	TAVIRA	SANTA CATARINA DA FONTE DO BISPO	081404
304	FARO	TAVIRA	TAVIRA (SANTA MARIA)	081405
305	FARO	VILA DO BISPO	BUDENS	081502
306	FARO	VILA DO BISPO	SAGRES	081504
307	FARO	VILA DO BISPO	VILA DO BISPO	081505
308	FARO	VILA REAL DE SANTO ANTONIO	VILA NOVA DE CACELA	081601
309	GUARDA	AGUIAR DA BEIRA	CORTIÇADA	090103
310	GUARDA	AGUIAR DA BEIRA	CORUCHE	090104
311	GUARDA	AGUIAR DA BEIRA	DORNELAS	090105
312	GUARDA	AGUIAR DA BEIRA	EIRADO	090106
313	GUARDA	AGUIAR DA BEIRA	PINHEIRO	090110
314	GUARDA	AGUIAR DA BEIRA	SOUTO DE AGUIAR DA BEIRA	090112
315	GUARDA	AGUIAR DA BEIRA	VALVERDE	090113
316	GUARDA	ALMEIDA	ALMEIDA	090203
317	GUARDA	ALMEIDA	FREINEDA	090209
318	GUARDA	ALMEIDA	LEOMIL	090212
319	GUARDA	ALMEIDA	PARADA	090221
320	GUARDA	ALMEIDA	SAO PEDRO DE RIO SECO	090224
321	GUARDA	ALMEIDA	SENOURAS	090225
322	GUARDA	CELORICO DA BEIRA	BARAÇAL	090302
323	GUARDA	CELORICO DA BEIRA	FORNO TELHEIRO	090306
324	GUARDA	CELORICO DA BEIRA	MINHOCAL	090311
325	GUARDA	FIGUEIRA DE CASTELO RODRIGO	ALGODRES	090401
326	GUARDA	FIGUEIRA DE CASTELO RODRIGO	CASTELO RODRIGO	090403
327	GUARDA	FORNOS DE ALGODRES	ALGODRES	090501
328	GUARDA	FORNOS DE ALGODRES	MUXAGATA	090511

329	GUARDA	GOUVEIA	FOLGOSINHO	090605
330	GUARDA	GOUVEIA	VILA CORTES DA SERRA	090619
331	GUARDA	GOUVEIA	VILA FRANCA DA SERRA	090620
332	GUARDA	GUARDA	CASTANHEIRA	090712
333	GUARDA	GUARDA	FERNAO JOANES	090718
334	GUARDA	GUARDA	MARMELEIRO	090724
335	GUARDA	GUARDA	MIZARELA	090726
336	GUARDA	GUARDA	MONTE MARGARIDA	090727
337	GUARDA	GUARDA	JARMELO (SAO MIGUEL)	090739
338	GUARDA	GUARDA	JARMELO (SAO PEDRO)	090740
339	GUARDA	GUARDA	TRINTA	090745
340	GUARDA	MANTEIGAS	MANTEIGAS (SANTA MARIA)	090802
341	GUARDA	MEDA	POÇO DO CANTO	090912
342	GUARDA	MEDA	RABAÇAL	090914
343	GUARDA	MEDA	VALE FLOR	090916
344	GUARDA	PINHEL	PALA	091015
345	GUARDA	PINHEL	PINHEL	091017
346	GUARDA	PINHEL	POMARES	091019
347	GUARDA	PINHEL	POVOA D' EL-REI	091020
348	GUARDA	PINHEL	VALE DE MADEIRA	091026
349	GUARDA	SABUGAL	ALDEIA DA PONTE	091103
350	GUARDA	SABUGAL	BARAÇAL	091109
351	GUARDA	SABUGAL	BENDADA	091110
352	GUARDA	SABUGAL	FORCINHOS	091115
353	GUARDA	SABUGAL	NAVE	091120
354	GUARDA	SABUGAL	SABUGAL	091130
355	GUARDA	SABUGAL	SEIXO DO COA	091132
356	GUARDA	SEIA	VIDE	091227
357	GUARDA	TRANCOSO	POVOA DO CONCELHO	091314
358	GUARDA	TRANCOSO	TRANCOSO (SAO PEDRO)	091318
359	GUARDA	TRANCOSO	VILA GARCIA	091328
360	GUARDA	VILA NOVA DE FOZ COA	ALMENDRA	091401
361	GUARDA	VILA NOVA DE FOZ COA	CASTELO MELHOR	091402
362	GUARDA	VILA NOVA DE FOZ CÔA	CHAS	091404
363	GUARDA	VILA NOVA DE FOZ COA	MOS	091408
364	GUARDA	VILA NOVA DE FOZ COA	MURÇA	091409
365	GUARDA	VILA NOVA DE FOZ COA	SANTA COMBA	091412
366	GUARDA	VILA NOVA DE FOZ COA	VILA NOVA DE FOZ COA	091417
367	MADEIRA ISLAND (MADEIRA)	CALHETA	ESTREITO DA CALHETA	310103
368	MADEIRA ISLAND (MADEIRA)	CALHETA	FAJA DA OVELHA	310104
369	MADEIRA ISLAND (MADEIRA)	CALHETA	PRAZERES	310108

370	MADEIRA ISLAND (MADEIRA)	SANTANA	ILHA	310906
371	FLORES ISLAND (AZORES)	SANTA CRUZ DAS FLORES	SANTA CRUZ DAS FLORES	480204
372	SAO JORGE ISLAND (AZORES)	CALHETA DE SAO JORGE	RIBEIRA SECA	450103
373	SAO MIGUEL ISLAND (AZORES)	NORDESTE	ACHADINHA	420202
374	SAO MIGUEL ISLAND (AZORES)	NORDESTE	SALGA	420206
375	SAO MIGUEL ISLAND (AZORES)	RIBEIRA GRANDE	MAIA	420505
376	SAO MIGUEL ISLAND (AZORES)	VILA FRANCA DO CAMPO	PONTA GARÇA	420602
377	SAO MIGUEL ISLAND (AZORES)	VILA FRANCA DO CAMPO	RIBEIRA DAS TAINHAS	420603
378	SAO MIGUEL ISLAND (AZORES)	VILA FRANCA DO CAMPO	VILA FRANCA DO CAMPO (SAO MIGUEL)	420604
379	FAIAL ISLAND (AZORES)	HORTA	FLAMENGOS	470105
380	FAIAL ISLAND (AZORES)	HORTA	CEDROS	470103
381	PICO ISLAND (AZORES)	LAJES DO PICO	RIBEIRAS	460104
382	PICO ISLAND (AZORES)	LAJES DO PICO	RIBEIRINHA	460105
383	PICO ISLAND (AZORES)	SAO ROQUE DO PICO	SANTO AMARO	460303
384	PICO ISLAND (AZORES)	LAJES DO PICO	LAJES DO PICO	460102
385	PICO ISLAND (AZORES)	MADALENA	SAO CAETANO	460205
386	PICO ISLAND (AZORES)	SAO ROQUE DO PICO	PRAINHA	460301
387	PICO ISLAND (AZORES)	MADALENA	CRIAÇÃO VELHA	460203
388	PICO ISLAND (AZORES)	SAO ROQUE DO PICO	SAO ROQUE DO PICO	460305
389	PICO ISLAND (AZORES)	SAO ROQUE DO PICO	SANTO ANTONIO	460304
390	PICO ISLAND (AZORES)	MADALENA	MADALENA	460204
391	PICO ISLAND (AZORES)	SAO ROQUE DO PICO	SANTA LUZIA	460302
392	PICO ISLAND (AZORES)	MADALENA	BANDEIRAS	460201
393	TERCEIRA ISLAND (AZORES)	PRAIA DA VITORIA	QUATRO RIBEIRAS	430208
394	TERCEIRA ISLAND (AZORES)	PRAIA DA VITORIA	BISCOITOS	430202
395	LEIRIA	ALVAIAZERE	PUSSOS	100206
396	LEIRIA	ANSIAO	POUSAFLORES	100306
397	LEIRIA	FIGUEIRO DOS VINHOS	AREGA	100802
398	LEIRIA	FIGUEIRO DOS VINHOS	FIGUEIRO DOS VINHOS	100804
399	LEIRIA	MARINHA GRANDE	MARINHA GRANDE	101001
400	LEIRIA	PEDROGAO GRANDE	GRAÇA	101301
401	LEIRIA	PEDROGAO GRANDE	PEDROGAO GRANDE	101302
402	LEIRIA	POMBAL	ABIUL	101501
403	LEIRIA	POMBAL	CARRIÇO	101505
404	LEIRIA	POMBAL	GUIA	101516
405	LISBON	VILA FRANCA DE XIRA	VILA FRANCA DE XIRA	111409
406	PORTALEGRE	ALTER DO CHAO	ALTER DO CHAO	120101
407	PORTALEGRE	ALTER DO CHAO	SEDA	120103
408	PORTALEGRE	ARRONCHES	ASSUNÇÃO	120201

409	PORTALEGRE	ARRONCHES	MOSTEIROS	120203
410	PORTALEGRE	AVIS	AVIS	120303
411	PORTALEGRE	CAMPO MAIOR	NOSSA SENHORA DA EXPECTAÇÃO	120401
412	PORTALEGRE	CAMPO MAIOR	NOSSA SENHORA DA GRAÇA DOS DEGOLADOS	120402
413	PORTALEGRE	CAMPO MAIOR	SAO JOAO BAPTISTA	120403
414	PORTALEGRE	CASTELO DE VIDE	NOSSA SENHORA DA GRAÇA DE POVOA E MEADAS	120501
415	PORTALEGRE	CASTELO DE VIDE	SANTA MARIA DA DEVESA	120502
416	PORTALEGRE	CASTELO DE VIDE	SANTIAGO MAIOR	120503
417	PORTALEGRE	CASTELO DE VIDE	SAO JOAO BAPTISTA	120504
418	PORTALEGRE	CRATO	ALDEIA DA MATA	120601
419	PORTALEGRE	CRATO	CRATO E MARTIRES	120602
420	PORTALEGRE	CRATO	MONTE DA PEDRA	120605
421	PORTALEGRE	ELVAS	SANTA EULALIA	120706
422	PORTALEGRE	ELVAS	SAO BRAS E SAO LOURENÇO	120707
423	PORTALEGRE	ELVAS	TERRUGEM	120709
424	PORTALEGRE	ELVAS	VILA BOIM	120710
425	PORTALEGRE	FRONTEIRA	CABEÇO DE VIDE	120801
426	PORTALEGRE	FRONTEIRA	FRONTEIRA	120802
427	PORTALEGRE	MARVAO	BEIRA	121001
428	PORTALEGRE	MONFORTE	MONFORTE	121102
429	PORTALEGRE	MONFORTE	SANTO ALEIXO	121103
430	PORTALEGRE	NISA	ESPIRITO SANTO	121204
431	PORTALEGRE	NISA	MONTALVAO	121205
432	PORTALEGRE	NISA	SAO SIMAO	121209
433	PORTALEGRE	PONTE DE SOR	GALVEIAS	121301
434	PORTALEGRE	PONTE DE SOR	MONTARGIL	121302
435	PORTALEGRE	PONTE DE SOR	PONTE DE SOR	121303
436	PORTALEGRE	PONTE DE SOR	FOROS DE ARRAO	121304
437	PORTALEGRE	PONTE DE SOR	TRAMAGA	121307
438	PORTALEGRE	PORTALEGRE	ALEGRETE	121402
439	PORTALEGRE	PORTALEGRE	SAO JULIAO	121407
440	PORTALEGRE	PORTALEGRE	URRA	121410
441	PORTALEGRE	SOUSEL	CANO	121501
442	PORTALEGRE	SOUSEL	CASA BRANCA	121502
443	PORTALEGRE	SOUSEL	SANTO AMARO	121503
444	PORTALEGRE	SOUSEL	SOUSEL	121504
445	OPORTO	AMARANTE	CANADELO	130106
446	OPORTO	AMARANTE	CARVALHO DE REI	130109
447	OPORTO	AMARANTE	GOUVEIA (SAO SIMAO)	130134
448	OPORTO	BAIAO	OVIL	130211
449	SANTAREM	ABRANTES	ALVEGA	140103

450	SANTAREM	ABRANTES	BEMPOSTA	140104
451	SANTAREM	ABRANTES	SAO FACUNDO	140110
452	SANTAREM	ABRANTES	SAO MIGUEL DO RIO TORTO	140112
453	SANTAREM	ABRANTES	VALE DE MOS	140116
454	SANTAREM	ALMEIRIM	FAZENDAS DE ALMEIRIM	140303
455	SANTAREM	ALMEIRIM	RAPOSA	140304
456	SANTAREM	ALPIARÇA	ALPIARÇA	140401
457	SANTAREM	BENAVENTE	BENAVENTE	140501
458	SANTAREM	BENAVENTE	SAMORA CORREIA	140502
459	SANTAREM	CARTAXO	VALADA	140605
460	SANTAREM	CHAMUSCA	CHOUTO	140702
461	SANTAREM	CHAMUSCA	ULME	140704
462	SANTAREM	CHAMUSCA	VALE DE CAVALOS	140705
463	SANTAREM	CHAMUSCA	CARREGUEIRA	140707
464	SANTAREM	CONSTANCIA	SANTA MARGARIDA DA COUTADA	140803
465	SANTAREM	CORUCHE	CORUCHE	140901
466	SANTAREM	CORUCHE	COUÇO	140902
467	SANTAREM	CORUCHE	SAO JOSE DA LAMOROSA	140903
468	SANTAREM	CORUCHE	BISCAINHO	140907
469	SANTAREM	CORUCHE	SANTANA DO MATO	140908
470	SANTAREM	FERREIRA DO ZEZERE	CHAOS	141104
471	SANTAREM	MAÇÃO	AMENDOA	141302
472	SANTAREM	MAÇÃO	CARDIGOS	141303
473	SANTAREM	MAÇÃO	CARVOEIRO	141304
474	SANTAREM	MAÇÃO	ENVENDOS	141305
475	SANTAREM	MAÇÃO	MAÇÃO	141306
476	SANTAREM	OUREM	FREIXIANDA	142108
477	SETUBAL	ALCACER DO SAL	ALCACER DO SAL (SANTA MARIA DO CASTELO)	150101
478	SETUBAL	ALCACER DO SAL	SANTA SUSANA	150102
479	SETUBAL	ALCACER DO SAL	ALCACER DO SAL (SANTIAGO)	150103
480	SETUBAL	ALCACER DO SAL	TORRAO	150104
481	SETUBAL	ALCACER DO SAL	COMPORTA	150106
482	SETUBAL	GRANDOLA	AZINHEIRA DOS BARROS E SAO MAMEDE DO SADAQ	150501
483	SETUBAL	GRANDOLA	GRANDOLA	150502
484	SETUBAL	MONTIJO	CANHA	150701
485	SETUBAL	PALMELA	MARATECA	150801
486	SETUBAL	SANTIAGO DO CACEM	ABELA	150901
487	SETUBAL	SANTIAGO DO CACEM	ALVALADE	150902
488	SETUBAL	SANTIAGO DO CACEM	CERCAL	150903
489	SETUBAL	SANTIAGO DO CACEM	ERMIDAS-SADO	150904
490	SETUBAL	SANTIAGO DO CACEM	SANTIAGO DO CACEM	150906

491	SETUBAL	SANTIAGO DO CACEM	SAO BARTOLOMEU DA SERRA	150908
492	SETUBAL	SANTIAGO DO CACEM	SAO DOMINGOS	150909
493	SETUBAL	SETUBAL	SADO	151208
494	SETUBAL	SINES	SINES	151301
495	VIANA DO CASTELO	ARCOS DE VALDEVEZ	CABREIRO	160106
496	VIANA DO CASTELO	ARCOS DE VALDEVEZ	GONDORIZ	160115
497	VIANA DO CASTELO	ARCOS DE VALDEVEZ	SISTELO	160145
498	VIANA DO CASTELO	ARCOS DE VALDEVEZ	SOAJO	160146
499	VIANA DO CASTELO	MELGAÇO	CASTRO LABOREIRO	160302
500	VIANA DO CASTELO	MELGAÇO	CUBALHAO	160306
501	VIANA DO CASTELO	MELGAÇO	FIAES	160307
502	VIANA DO CASTELO	MELGAÇO	GAVE	160308
503	VIANA DO CASTELO	MELGAÇO	LAMAS DE MOURO	160309
504	VIANA DO CASTELO	MELGAÇO	SAO PAIO	160317
505	VIANA DO CASTELO	MONÇÃO	TANGIL	160428
506	VIANA DO CASTELO	PONTE DA BARCA	ENTRE AMBOS-OS-RIOS	160607
507	VIANA DO CASTELO	PONTE DA BARCA	VILA CHA (SAO JOAO BAPTISTA)	160621
508	VIANA DO CASTELO	PONTE DE LIMA	CABRAÇÃO	160712
509	VIANA DO CASTELO	PONTE DE LIMA	ESTORAOS	160717
510	VIANA DO CASTELO	VIANA DO CASTELO	MONTARIA	160920
511	VIANA DO CASTELO	VILA NOVA DE CERVEIRA	COVAS	161004
512	VILA REAL	ALIJO	SAO MAMEDE DE RIBATUA	170114
513	VILA REAL	ALIJO	VILA VERDE	170117
514	VILA REAL	BOTICAS	COVAS DO BARROSO	170208
515	VILA REAL	BOTICAS	CURROS	170209
516	VILA REAL	CHAVES	AGUAS FRIAS	170301
517	VILA REAL	CHAVES	EIRAS	170311
518	VILA REAL	CHAVES	FAIOES	170313
519	VILA REAL	CHAVES	LAMA DE ARCOS	170314
520	VILA REAL	CHAVES	OUCIDRES	170319
521	VILA REAL	CHAVES	SANJURGE	170328
522	VILA REAL	CHAVES	SAO JULIAO DE MONTENEGRO	170332
523	VILA REAL	CHAVES	SAO PEDRO DE AGOSTEM	170333
524	VILA REAL	CHAVES	SEARA VELHA	170335
525	VILA REAL	CHAVES	SOUTELO	170338
526	VILA REAL	CHAVES	VILARELHO DA RAIA	170345
527	VILA REAL	CHAVES	VILELA SECA	170348
528	VILA REAL	MONDIM DE BASTO	CAMPANHO	170503
529	VILA REAL	MONTALEGRE	CABRIL	170601
530	VILA REAL	MONTALEGRE	CHA	170604
531	VILA REAL	MONTALEGRE	COVELAES	170606
532	VILA REAL	MONTALEGRE	DONOES	170608

533	VILA REAL	MONTALEGRE	NEGROES	170618
534	VILA REAL	MONTALEGRE	PADROSO	170621
535	VILA REAL	MONTALEGRE	PONDRAS	170624
536	VILA REAL	MONTALEGRE	SALTO	170626
537	VILA REAL	MONTALEGRE	SANTO ANDRE	170627
538	VILA REAL	MONTALEGRE	SEZELHE	170630
539	VILA REAL	MONTALEGRE	SOLVEIRA	170631
540	VILA REAL	MONTALEGRE	VIAD DE BAIXO	170634
541	VILA REAL	MONTALEGRE	VILA DA PONTE	170635
542	VILA REAL	MURÇA	CARVA	170702
543	VILA REAL	RIBEIRA DE PENA	CANEDO	170902
544	VILA REAL	RIBEIRA DE PENA	LIMOS	170904
545	VILA REAL	RIBEIRA DE PENA	SANTA MARINHA	170906
546	VILA REAL	VALPAÇOS	ALVARELHOS	171202
547	VILA REAL	VALPAÇOS	BARREIROS	171204
548	VILA REAL	VALPAÇOS	BOUÇOAS	171205
549	VILA REAL	VALPAÇOS	CARRAZEDO DE MONTENEGRO	171207
550	VILA REAL	VALPAÇOS	FRIOES	171212
551	VILA REAL	VALPAÇOS	POSSACOS	171216
552	VILA REAL	VALPAÇOS	SAO JOAO DA CORVEIRA	171222
553	VILA REAL	VALPAÇOS	VALES	171227
554	VILA REAL	VALPAÇOS	VEIGA DE LILA	171230
555	VILA REAL	VALPAÇOS	VILARANDELO	171231
556	VILA REAL	VILA POUCA DE AGUIAR	TRESMINAS	171312
557	VILA REAL	VILA REAL	VILA COVA	171428
558	VILA REAL	VILA REAL	VILA MARIM	171429
559	UISEU	CASTRO DAIRE	MOLEDO	180313
560	UISEU	CINFAES	CINFAES	180403
561	UISEU	CINFAES	MOIMENTA	180408
562	UISEU	CINFAES	NESPEREIRA	180409
563	UISEU	CINFAES	SANTIAGO DE PIAES	180412
564	UISEU	CINFAES	SAO CRISTOVAO DE NOGUEIRA	180413
565	UISEU	MOIMENTA DA BEIRA	ARCOZELOS	180703
566	UISEU	MOIMENTA DA BEIRA	LEOMIL	180709
567	UISEU	MORTAGUA	MARMELEIRA	180805
568	UISEU	PENALVA DO CASTELO	ANTAS	181101
569	UISEU	PENEDONO	ANTAS	181201
570	UISEU	PENEDONO	GRANJA	181204
571	UISEU	SAO JOAO DA PESQUEIRA	CASTANHEIRO DO SUL	181501
572	UISEU	SAO JOAO DA PESQUEIRA	TREVOES	181510
573	UISEU	SAO JOAO DA PESQUEIRA	VARZEA DE TREVOES	181513
574	UISEU	SAO PEDRO DO SUL	CANDAL	181603

575	ISEU	SAO PEDRO DO SUL	CARVALHAIS	181604
576	ISEU	SAO PEDRO DO SUL	COVAS DO RIO	181605
577	ISEU	SAO PEDRO DO SUL	PINHO	181609
578	ISEU	SAO PEDRO DO SUL	SANTA CRUZ DA TRAPA	181610
579	ISEU	SAO PEDRO DO SUL	SAO MARTINHO DAS MOITAS	181613
580	ISEU	SATAO	ROMAS	181708
581	ISEU	SERNANCELHE	FAIA	181806
582	ISEU	SERNANCELHE	FERREIRIM	181807
583	ISEU	SERNANCELHE	SARZEDA	181815
584	ISEU	TONDELA	SAO JOAO DO MONTE	182119
585	ISEU	VILA NOVA DE PAIVA	PENDILHE	182203
586	ISEU	VILA NOVA DE PAIVA	TOURO	182205
587	ISEU	VILA NOVA DE PAIVA	VILA COVA A COELHOIRA	182206
588	ISEU	ISEU	COTA	182310