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Terms of Reference for the organisation of the competitive selection procedure in view of awarding the rights to use the radio frequencies in the 800 MHz, 900 MHz, 1800 MHz and 2600 MHz bands

2012

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Chapter 1 – Introduction

1.1. Legal framework applicable to the selection procedure

The grounds for the award of the radio frequency usage rights reside in the Government Emergency Ordinance no. 111/2011 on electronic communications¹ (hereinafter referred to as the Framework-Ordinance).

In line with the provisions of art. 26 paragraph (1) of the Framework-Ordinance, the licences will be awarded by means of an open, objective, transparent, non-discriminatory and proportionate procedure.

Pursuant to art. 25 of the Framework-Ordinance, ANCOM may decide to limit the amount of licences that are to be granted in a radio frequency band, when it comes to ensuring the efficient use of the radio frequencies or avoiding the occurrence of harmful interferences. The aforementioned measure can be adopted provided that three conditions are observed: ANCOM must take into consideration the need that the measure brings a maximum of benefits for the users and facilitates the enhancement of competition; ANCOM must grant all interested parties, including the users and the consumers, the possibility to express their views on this measure; any decision limiting the amount of licences must be published together with the justification thereof.

In the case of the licences whose amount was limited, ANCOM awards the usage right by way of a procedure which must fulfil, on turn, a series of conditions, established by art. 26 paragraph (2) under the Framework-Ordinance. Thus:

- a) the type of the procedure must be competitive or comparative selection;
- b) the procedure must be objective, transparent, non-discriminatory and proportionate;
- c) the procedure must not restrict, prevent or distort competition;
- d) the usage rights must be granted, in general, within 8 months from the receipt of a request therefor. If necessary, this term may be changed in order to observe an international agreement to which Romania is a party relating to the use of the radio frequency spectrum or of the orbital positions.

According to art. 26 paragraph (4) of the Framework-Ordinance, during a procedure for awarding the licence for the use of radio frequencies, ANCOM may decide to exclude certain persons from the selection procedure, out of reasons related to the fostering of competition in the electronic communications field, upon the prior consultation of the Competition Council and after undergoing the public consultation procedure referred to in art. 135 under the ordinance.

Paragraphs (2) and (3) of art. 28 in the Framework-Ordinance define the types of selection procedures which may be used, respectively:

¹ Published in the Romanian Official Journal no. 925/27.12.2011.

- the competitive selection, the procedure by which the radio frequency usage rights are awarded to the winner of an auction, due to the bidding of a maximum value for the licence fee, having as a start point a minimal value set by Government Decision, while ensuring the fulfilment of certain pre-qualification criteria of a technical, administrative or financial nature, as the case may be;
- the comparative selection, the procedure by which the radio frequency usage rights are awarded to the first ranked, after an assessment of the tenders presented by the participants, based on a set of pre-established criteria of a technical, administrative or financial nature, as the case may be.

According to art. 28 paragraph (4), the detailed regulations for conducting the competitive or comparative selection procedures are adopted by decision of the president of ANCOM.

The ANCOM President's Decision no. 1816/2011 on awarding the rights to use the radio frequencies in the 880-915 MHz/925-960 MHz and, respectively, the 1710-1747.5 MHz/1805-1842.5 MHz² frequency bands provides that the usage rights in the 880-915 MHz/925-960 MHz ("the 900 MHz band") and 1710-1785 MHz/1805-1880 MHz ("the 1800 MHz band") radio frequency bands are to be granted by means of a selection procedure conducted based on objective, transparent, non-discriminatory and proportionate criteria, during 2012.

The aforementioned Decision also established the duration or the commencement date of the validity of some of the licences for the use of radio frequencies to be awarded. Thus:

- a) for the 890-915 MHz/935-960 MHz and the 1722.7-1752.7 MHz/1817.7-1847.7 MHz bands, two categories of licences will be granted, respectively:
 - licences valid between 01.01.2013 and 05.04.2014;
 - licences valid starting 06.04.2014;
- b) for the 880.1-890.1 MHz/925.1-935.1 MHz and the 1710.1-1722.7 MHz/1805.1-1817.7 MHz bands, licences valid from 06.04.2014 will be granted.

The award of the licences for the use of radio frequencies by means of the competitive selection procedure is bound by the payment to the state budget of a licence fee. According to art. 28 paragraph (1) of the Framework-Ordinance, the minimum amount of the licence fee is fixed by a Government Decision initiated by the General Secretariat of the Government upon ANCOM proposal. In line with art. 29 paragraph (1), this fee may be also used to cover the costs determined by the change of destination or the refarming of some of the frequency bands envisaged by the selection procedure. The respective costs may however be borne from other financing sources, set by Government Decision.

1.2. Stages to be completed until the selection procedure

Until the selection procedure is held, the following stages need to be completed:

² Published in the Romanian Official Journal no.930/28.12.2011.

- a) the adoption of the ANCOM President's decision on the organisation of the selection procedure for awarding the radio frequency usage rights and of the present Terms of Reference, their publication and the entry into force of the decision, which entails:
 - the period of public consultation on the draft decision and on the draft Terms of Reference;
 - the analysis of the comments received during the public consultation procedure and the amendment, if required, of the draft decision and of the draft Terms of Reference, in order to take due account of these comments;
 - the adoption of the final versions of the decision and of the Terms of Reference.

- b) in parallel with the stage under letter a), but before the adoption of the final versions of the decision and of the Terms of Reference:
 - the adoption of the Government Emergency Ordinance on the release of the 830-862 MHz, 1747.5-1785 MHz, 1842.5-1880 MHz and 2500-2690 MHz radio frequency bands, the draft of which is submitted to public consultation, the publication and the entry into force of the ordinance;
 - the initiation by the General Secretariat of the Government, upon ANCOM proposal, of the draft Government Decision establishing the minimum amounts of the licence fees for the usage rights to be awarded under the selection procedure, its adoption by the Government, publication and entry into force.

1.3. Meaning of certain terms and terminological clarifications

Within the present document:

- *the "Commission"* is the auction commission designated by decision of the ANCOM president;
- *"participant"* is the candidate or the bidder in the selection procedure;
- *"national roaming"* means the facility granted to a subscriber to use a handset or another device in order to make and receive calls on Romania's territory when the respective subscriber is outside the coverage area of the network to which he/she is subscribed, by way of certain agreements concluded between the operator of the network to which he/she is subscribed and the other mobile network operators from Romania;
- *"national roaming agreement"* is an access agreement which regulates the making available to a third party, holder of a licence for the use of radio frequencies in view of providing public electronic communications networks and mobile electronic communications services, of facilities or services which are necessary for the provision of electronic communications services at mobile locations in geographic areas where the respective third party has no coverage;
- *the "mobile virtual network operator (MVNO)"* is defined as the entity that provides electronic communications services at mobile locations, but does not hold a licence for the use of radio frequencies and does not necessarily hold the core network and/or the infrastructure required to provide mobile communications services; a MVNO operator may be:

- (i) "*full mobile virtual network operator (full MVNO)*", which totally holds the control over the services it provides on the retail market and operates its own core network for the provision of services to customers; a full MVNO may grant its own SIM cards, but may not hold frequency usage rights and, consequently, nor radio access core network (for instance, base stations, transceivers, radio network controllers);
 - (ii) "*thin mobile virtual network operator (thin MVNO)*", which does not hold core network and however ensures the means that allow for controlling the relation with the customer; a thin MVNO may not grant its own SIM cards, but the brand name of the SIM cards of the host mobile network operator may be modified;
- "*MVNO access*" is the ensemble of services provided to the mobile virtual network operators by the host mobile network operator, services which enable the mobile virtual network operator to provide electronic communications services at mobile locations, being a form of access in the meaning of art.4 paragraph (1) point 28 of the Framework Ordinance;
 - the syntagm "*to gain/obtain/acquire/win/award frequency blocks/frequencies*" are exclusively used for the easiness of expression, with reference to the gaining of the usage rights of those radio frequency which are part of the frequency blocks submitted to the selection procedure, and represent a simple language convention, without considering other legal operations related to the respective radio frequencies;
 - "*The 800 MHz band*" designates the paired frequency bands 791-821 MHz and 832-862 MHz;
 - "*The 900 MHz band*" designates the paired frequency bands 880-915 MHz and 925-960 MHz;
 - "*The 1800 MHz band*" designates the paired frequency bands 1710-1785 MHz and 1805-1880 MHz;
 - "*The 2600 MHz band*" designates the paired frequency bands 2500-2570 MHz and 2620-2690 MHz and the unpaired frequency band 2570-2620 MHz;
 - "*GSM network*" means an electronic communications network complying with GSM Standards, as published by ETSI, in particular EN 301 502 and EN 301 511;
 - "*UMTS network*" means an electronic communications network complying with UMTS Standards, as published by ETSI, in particular EN 301 908-1, EN 301 908-2, EN 301 908-3 and EN 301 908-11;
 - "*LTE network*" means an electronic communications network complying with LTE Standards, as published by ETSI, in particular EN 301 908-1, EN 301 908-13, EN 301 908-14 and EN 301 908-11;
 - "*WiMAX network*" means an electronic communications network complying with WiMAX Standards, as published by ETSI, in particular EN 301 908-1, EN 301 908-21 and EN 301 908-22;
 - "*other terrestrial systems*" means an electronic communications network other than those defined above, in accordance with Commission Decision 2010/267/EU on harmonised technical conditions of use in the 790-862 MHz frequency band for terrestrial systems capable of providing electronic communications services in the European Union and/or

with Commission Decision 2009/766/EC on the harmonisation of the 900 MHz and 1800 MHz frequency bands for terrestrial systems capable of providing pan-European electronic communications services in the Community, as well as with Commission Decision 2011/251/EU.

Chapter 2 – The frequency bands subject to the selection procedure

2.1. The 800 MHz band

On 20 September 2010, the European Commission adopted a proposal of *Decision of the European Parliament and of the Council establishing the first radio spectrum policy programme (RSPP)*, which comprises a five-year policy programme with regard to the planning and harmonisation of the use of the radio frequency spectrum across the European Union.

During its plenary meeting of 15 February 2012, the European Parliament adopted this draft decision.

The programme sets out policy orientations and objectives for the strategic planning and harmonisation of the use of spectrum in accordance with the directives applicable to electronic communications networks and services. RSPP supports the goals and key actions outlined in the Commission Communication on the Europe 2020 Strategy and the Commission Communication on "A Digital Agenda for Europe", and is included among the 50 priority actions of the Commission Communication "Towards a Single Market Act".

According to the Programme, by 1 January 2013, Member States will take all actions in order to allow the use of the 800 MHz band for wireless broadband services. The Commission will grant specific derogations until 31 December 2015 for Member States in which exceptional circumstances or cross-border frequency coordination problems would prevent the use of the band according to the RSPP, acting upon a duly substantiated application from the Member State concerned. If a Member State's substantiated cross-border frequency coordination problems with one or more countries, including candidate or acceding countries, persist after 2015 and prevent the availability of the 800 MHz band according to the RSPP, the Commission will grant exceptional derogations on an annual basis until such problems are overcome.

ANCOM has already initiated the main radio spectrum management activities which will enable Romania to observe the timelines set under the RSPP.

Thus, the amount of spectrum in the 800 MHz band is 2x30 MHz, and hence 6 blocks of 2x5 MHz (pair) may be allotted in this band. The upper part of the 800 MHz band is currently used in Romania by the Ministry of National Defence and is to be released within six months from the payment, according to the law, of the amounts required for covering the costs incurred by the change of destination or re-farming of the radio frequency bands. The lower part of the band is not presently in use (there are no analogue TV transmissions in this part of the band). Nevertheless, considering that the use for mobile communications services requires paired frequencies, the implementation of networks in this part of the band is not feasible until the upper part is released.

According to the RSP, the spectrum needs to be managed based on certain principles such as the spectrum efficiency and flexibility, technology and service neutrality and competition. Member States are thus required to maintain and promote efficient competition between the economic operators and avoid spectrum hoarding.

The harmonised technical conditions of the 800 MHz frequency band use were adopted by way of European Commission Decision 2010/267/EU of 6 May 2010 on harmonised technical conditions of use in the 790-862 MHz frequency band for terrestrial systems capable of providing electronic communications services in the European Union.

In Romania, according to the NTFA (National Table for Frequency Band Allocation), the 800 MHz frequency band is currently used as follows:

- 790-830 MHz – NG (non-governmental) use;
- 830-862 MHz – G(A)/NG(military/non-governmental) shared use, to be however released for exclusively commercial use within six month from the payment, according to the law, of the amounts required for covering the costs incurred by the change of destination or refarming of the radio frequency bands.

According to the Commission Decision 2010/267/EU, the frequency arrangement within the 800 MHz band is as follows:

- the assigned block sizes are multiples of 5 MHz;
- the duplex mode of operation is FDD with the following arrangements:
 - the duplex spacing is 41 MHz;
 - the frequencies for the base station transmission (downlink) are located in the lower part of the 800 MHz band, in the 791 MHz - 821 MHz sub-band;
 - the frequencies for the terminal station transmission (uplink) are located in the upper part of the 800 MHz band, in the 832 MHz - 862 MHz sub-band.

An overall picture of the 800 MHz band leads to the representation of the European harmonised arrangement exposed in the table below.

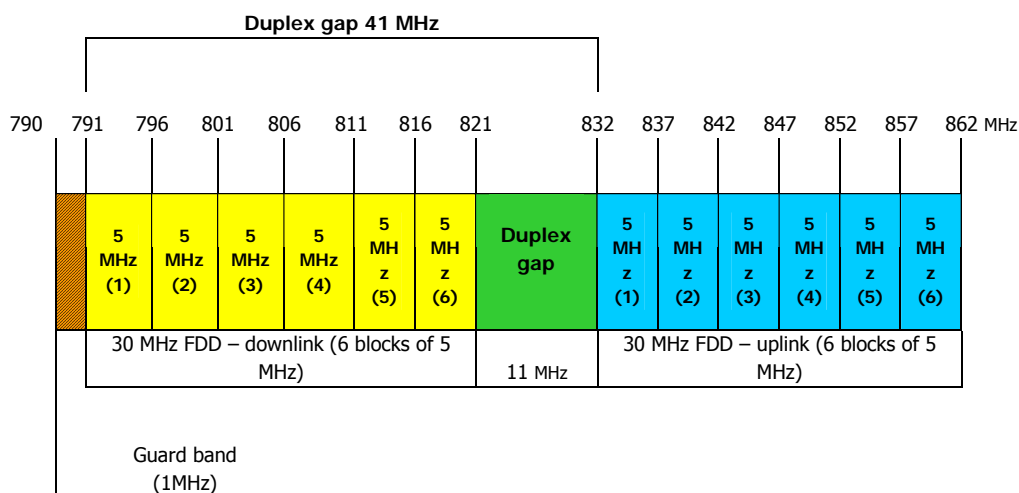
Table no.1 – European harmonised channelling arrangement for the 800 MHz band

| Spectrum (MHz) | Destination | Overall picture |
|----------------|------------------------------|-----------------------|
| 790 – 791 | Guard band – 1 MHz | Guard band |
| 791 – 796 | Downlink (block 1) – 5 MHz | (30 MHz) FDD downlink |
| 796 – 801 | Downlink (channel 2) – 5 MHz | |
| 801 – 806 | Downlink (block 3) – 5 MHz | |
| 806 – 811 | Downlink (block 4) – 5 MHz | |
| 811 – 816 | Downlink (block 5) – 5 MHz | |
| 816 – 821 | Downlink (block 6) – 5 MHz | |
| 821 – 832 | Duplex gap – 11 MHz | Duplex gap |
| 832 – 837 | Uplink (block 1) – 5 MHz | (30 MHz) FDD uplink |
| 837 – 842 | Uplink (block 2) – 5 MHz | |
| 842 – 847 | Uplink (block 3) – 5 MHz | |

| Spectrum (MHz) | Destination | Overall picture |
|----------------|--------------------------|-----------------|
| 847 – 852 | Uplink (block 4) – 5 MHz | |
| 852 – 857 | Uplink (block 5) – 5 MHz | |
| 857 – 862 | Uplink (block 6) – 5 MHz | |

The harmonised frequency arrangement within the 800 MHz band is the one under Annex 1 to Decision ECC/DEC/(09)03 on harmonised technical conditions for systems operating in the band 790-862 MHz and is presented below:

Figure no.1 - Harmonised arrangement of 5 MHz frequency blocks in the 790-862 MHz band



In Romania, the usage right in the 800 MHz band is awarded for two compact blocks of 30 MHz (2x30 MHz), in the paired frequency bands 791-821 MHz/832-862 MHz, representing 6 duplex blocks (FDD) of 2 x 5 MHz each.

The operation mode will exclusively be FDD (Frequency Division Duplex) in the paired frequency bands 791-821 MHz/832-862 MHz. The duplex gap (the frequency separation between the transmission frequency and the reception frequency) is 41 MHz.

The usage mode is:

- the 791-821 MHz band for base station transmission;
- the 832-862 MHz band for base station reception.

2.2. The 900 MHz band

The licences for the use of radio frequencies in view of providing GSM digital mobile communications in the 900 MHz band were first awarded in Romania, at the end of 1996, to the

operators S.C. MOBIFON S.A. (currently S.C. VODAFONE ROMANIA S.A. - VODAFONE) and S.C. MOBIL ROM S.A. (currently S.C. ORANGE ROMANIA S.A. - ORANGE).

Each licence holder was thus awarded the national usage right for 22 GSM radio channels in the 890-915 MHz/935-960 MHz frequency bands, for the purpose of operating and installing public GSM mobile communications networks, with the possibility of supplementing the number of assigned channels at the moment when the GSM frequency bands were to become available as a result of their release from the military systems existing in these bands at that time.

The licences were awarded by means of a comparative selection procedure, the holders paying upon licence issuance, in accordance with the provisions of the legal framework in force at that time³, a licence fee amounting to 50 million USD, for a 10-year validity period, and subsequently an additional licence fee amounting to 25 million USD, for the additional 5-year extension of the licence validity.

Starting from July 2003, upon the review of the GSM licences, VODAFONE and ORANGE benefited from the right to use, each, 62 GSM channels, allotted at a national level, in the 900 GSM band (890-915 MHz/935-960 MHz), in view of providing public electronic communications networks and of electronic communications services for the GSM technology. Furthermore, upon the review in 2003 of the GSM licence of S.C. COSMOTE ROMANIAN MOBILE TELECOMMUNICATIONS S.A. (COSMOTE), this operator was also awarded the right to use frequencies in the GSM 900 band for the operation of its GSM network.

From September 2005, COSMOTE was allotted the first 20 channels in the GSM 900 extension band (880-890 MHz/925-935 MHz). As well, in 2006, this operator was allotted the other 30 GSM channels in the GSM 900 extension band. The licence fee due for the award of the rights to use the GSM 900 extension band amounted to 28 million USD.

According to Directive 2009/114/EC of the European Parliament and of the Council amending Council Directive 87/372/EEC on the frequency bands to be reserved for the coordinated introduction of public pan-European cellular digital land-based mobile communications in the Community, there were adopted measures that would lead to the liberalisation of the use of the 900 MHz bands for third generation mobile communications services (3G), bands reserved at that time exclusively for second generation mobile communications services, specific to GSM systems.

As a result of the provisions of Directive 2009/114/EC, ANCOM adopted a decision⁴ which enables the operators holding spectrum in the 900 MHz radio frequency bands to use the radio spectrum

³ The Government Emergency Ordinance no.4/1996 on the award of licences for the installation and operation of the GSM networks and the establishment of the licence fee, published in the Romanian Official Journal no.207/02.09.1996, and the Law no.74/1996 on telecommunications, published in the Romanian Official Journal no.156/22.07.1996.

⁴ Decision no.168/2010 on the harmonisation of the use of the pairs of radio frequency bands 880-915 MHz, 925-960 MHz, 1710-1747.5 MHz and 1805-1842.5 MHz, published in the Romanian Official Journal no.163/15.03.2010

held for the provision of third generation electronic communications services, by means of the UMTS systems, as well.

The current situation of the radio spectrum licensing in the 900 MHz band is presented in the table below.

Table 2 – Current situation of the spectrum licensing in the 900 MHz band

| Licence | Technology | Spectrum allotted under the licence | Validity period of the licence ⁵ |
|----------|------------|-------------------------------------|---|
| VODAFONE | GSM 900 | 2 x 12.4 MHz | 29.11.1996 – 31.12.2012 |
| | UMTS 900 | | 14.04.2010 – 31.12.2012 |
| ORANGE | GSM 900 | 2 x 12.4 MHz | 05.12.1996 – 31.12.2012 |
| | UMTS 900 | | 07.06.2010 – 31.12.2012 |
| COSMOTE | GSM 900 | 2 x 10 MHz | 16.12.1998 – 05.04.2014 |
| | UMTS 900 | | 28.07.2010 – 05.04.2014 |

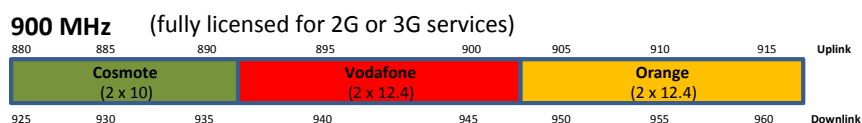
The comparative situation of the current allotments in the 900 MHz frequency spectrum is presented in the table below.

Table 3 – Comparative situation of the current allotments in the 900 MHz band

| VODAFONE | ORANGE | COSMOTE |
|--------------|--------------|------------|
| 2 x 12.4 MHz | 2 x 12.4 MHz | 2 x 10 MHz |

The positioning of the operators' allotments within the spectrum is depicted in the figure below.

Figure 2 – Positioning of the current allotments in the 900 MHz band



Considering that the commercially usable frequency spectrum in the 900 MHz band is currently assigned to operators which have the right to use it for different time periods, i.e. 24.8 MHz

⁵ The Vodafone and Orange licences, which were due to expire as of 31.12.2011, have been extended until 31.12.2012 through the ANCOM President's Decision no.1816/2011 on awarding the rights to use the radio frequencies in the 880-915 MHz/925-960 MHz, respectively 1710-1747.5 MHz/1805-1842.5 MHz bands, published in the Romanian Official Journal no.930/28.12.2011

duplex until 31.12.2012 and 10 MHz duplex until 05.04.2014, the usage rights in this band will be awarded in two temporal segments, starting with the aforementioned dates.

Thus, in Romania, for the 01.01.2013 – 05.04.2014 period, the usage right in the 900 MHz band is awarded for two compact blocks of 24.8 MHz (2 x 24.8 MHz) each, in the paired frequency bands 890.1-914.9 MHz/935.1-959.9 MHz, representing 4 duplex blocks (FDD) of 2 x 5 MHz width and one duplex block (FDD) of 2 x 4.8 MHz width.

The mode of operation will exclusively be FDD (Frequency Division Duplex) in the paired frequency bands 890.1-914.9 MHz/935.1-959.9 MHz. The duplex gap (the frequency separation between the transmission frequency and the reception frequency) is 45 MHz.

The usage mode is as follows:

- the 890.1-914.9 MHz band for base station reception;
- the 935.1-959.9 MHz band for base station transmission.

An overall picture on the 900 MHz band, for the 01.01.2013 – 05.04.2014 period, leads to the frequency arrangement represented in the table below:

Table 4 – Frequency arrangement for the 900 MHz band, 01.01.2013 – 05.04.2014 period

| Spectrum (MHz) | Destination | Overall picture |
|----------------|--|---|
| 890.1 – 895.1 | Uplink (block 1) – 5 MHz | (24.8 MHz) FDD uplink |
| 895.1 – 900.1 | Uplink (block 2) – 5 MHz | |
| 900.1 – 904.9 | Uplink (block 3) – 4.8 MHz | |
| 904.9 – 909.9 | Uplink (block 4) – 5 MHz | |
| 909.9 – 914.9 | Uplink (block 5) – 5 MHz | |
| 914.9 – 935.1 | other communications systems & another GSM operator – 20 MHz | Other communications systems & another GSM operator |
| 935.1 – 940.1 | Downlink (block 1) – 5 MHz | (24.8 MHz) FDD downlink |
| 940.1 – 945.1 | Downlink (block 2) – 5 MHz | |
| 945.1 – 949.9 | Downlink (block 3) – 4.8 MHz | |
| 949.9 – 954.9 | Downlink (block 4) – 5 MHz | |
| 954.9 – 959.9 | Downlink (block 5) – 5 MHz | |

For the 06.04.2014 – 05.04.2029 period, two compact blocks of 2 x 34.8 MHz each, in the paired frequency bands 880.1-914.9 MHz/925.1-959.9 MHz, representing 6 duplex channels (FDD) of 2 x 5 MHz width and one duplex channel (FDD) of 2 x 4.8 MHz width, are awarded in the 900 MHz band.

The usage mode is as follows:

- the 880.1-914.9 MHz band for base station reception;
- the 925.1-959.9 MHz band for base station transmission.

The mode of operation will exclusively be FDD (Frequency Division Duplex). The duplex gap (the frequency separation between the transmission frequency and the reception frequency) is 45 MHz.

An overall picture on the 900 MHz band, for the 06.04.2014 – 05.04.2029 period, leads to the frequency arrangement represented in the table below.

Table 5 – Frequency arrangement in the 900 MHz band, 06.04.2014 – 05.04.2029 period

| Spectrum (MHz) | Destination | Overall picture |
|----------------|---|----------------------------------|
| 880.1 – 885.1 | Uplink (block 1) – 5 MHz | (34.8 MHz) FDD uplink |
| 885.1 – 890.1 | Uplink (block 2) – 5 MHz | |
| 890.1 – 895.1 | Uplink (block 3) – 5 MHz | |
| 895.1 – 900.1 | Uplink (block 4) – 5 MHz | |
| 900.1 – 905.1 | Uplink (block 5) – 5 MHz | |
| 905.1 – 910.1 | Uplink (block 6) – 5 MHz | |
| 910.1 – 914.9 | Uplink (block 7) – 4.8 MHz | |
| 914.9 – 925.1 | Other radiocommunication systems – 10 MHz | Other radiocommunication systems |
| 925.1 – 930.1 | Downlink (block 1) – 5 MHz | (34.8 MHz) FDD downlink |
| 930.1 – 935.1 | Downlink (block 2) – 5 MHz | |
| 935.1 – 940.1 | Downlink (block 3) – 5 MHz | |
| 940.1 – 945.1 | Downlink (block 4) – 5 MHz | |
| 945.1 – 950.1 | Downlink (block 5) – 5 MHz | |
| 950.1 – 955.1 | Downlink (block 6) – 5 MHz | |
| 955.1 – 959.9 | Downlink (block 7) – 4.8 MHz | |

2.3. The 1800 MHz band

At the end of 1998, a new licence for the installation and operation of a public GSM mobile communications network⁶, in the GSM 1800 band (1805-1880 MHz/1710-1785 MHz), was

⁶ On the basis of the Government Emergency Ordinance no.24/1997 completing the Government Emergency Ordinance no.4/1996 on the award of licences for the installation and operation of the GSM networks and the establishment of the licence fee, published in the Romanian Official Journal no.114/06.06.1997, and the Law

awarded to S.C. COSMOROM S.A. (currently S.C. COSMOTE ROMANIAN MOBILE TELECOMMUNICATIONS S.A. - COSMOTE). The licence holder was initially granted 22 GSM 1800 channels, 15 of which were allotted at a national level and 7 were allotted only in Bucharest, with the possibility of allotting additional channels in keeping with the market demand and the availability of the GSM bands. The usage rights became effective in 1999, upon the payment of a licence fee of 25 million USD.

Starting from July 2003, upon the review of the GSM licences, VODAFONE and ORANGE also benefited from the rights to use the frequencies in the GSM 1800 band (1805-1880 MHz/1710-1785 MHz), in view of providing public electronic communications networks and electronic communications services for the GSM technology.

Beginning with January 2005, COSMOTE exercised its usage right for 40 GSM 1800 channels allotted at a national level, and from 2007 for the last 23 channels in the GSM 1800 band.

Following the introduction of the possibility to use UMTS systems in the 1800 MHz frequency band and the creation of the premises for the liberalisation of the GSM 1800 frequency band and for its use by the UMTS systems, all the three GSM 1800 operators were awarded during 2010 the right to use the GSM 1800 frequency bands allotted under licence for the provision, as well, of third generation electronic communications public networks and third generation electronic communications services, by means of the UMTS technology, while the held GSM 1800 licences were reviewed therefor.

The current situation of the radio spectrum licensing in the 1800 MHz band is available in the table below.

Table 6 – Current situation of the radio spectrum licensing in the 1800 MHz band

| Licence | Technology | Spectrum allotted under the licence | Validity period of the licence |
|----------|------------|-------------------------------------|--------------------------------|
| VODAFONE | GSM 1800 | 2 x 12.4 MHz | 29.11.1996 – 31.12.2012 |
| | UMTS 1800 | | 14.04.2010 – 31.12.2012 |
| ORANGE | GSM 1800 | 2 x 12.4 MHz | 05.12.1996 – 31.12.2012 |
| | UMTS 1800 | | 07.06.2010 – 31.12.2012 |
| COSMOTE | GSM 1800 | 2 x 12.6 MHz | 16.12.1998 – 05.04.2014 |
| | UMTS 1800 | | 28.07.2010 – 05.04.2014 |

The comparative situation of the current spectrum allotments in the 1800 MHz frequency band is presented in the table below.

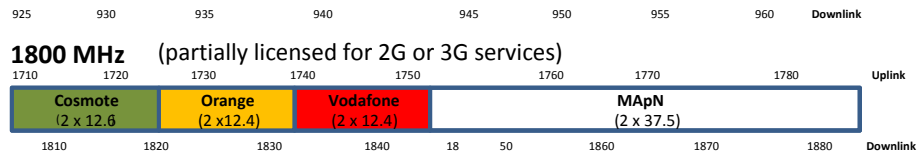
Table 7 – Comparative situation of the current allotments in the 1800 MHz band

no.163/1997 approving the Government Emergency Ordinance no.4/1996 and of the Government Emergency Ordinance no.24/1997, published in the Romanian Official Journal no.290/27.10.1997

| | | |
|-----------------|---------------|----------------|
| VODAFONE | ORANGE | COSMOTE |
| 2 x 12.4 MHz | 2 x 12.4 MHz | 2 x 12.6 MHz |

The positioning of the operators' allotments within the spectrum is depicted in the figure below.

Figure 3 – Positioning of the operators' current allotments within the 1800 MHz band



The 1800 MHz band, as the 900 MHz band, will be assigned in two temporal segments. This structure of the procedure is due:

- firstly, to the fact that the spectrum in the 1800 MHz band, currently available for commercial use, is allotted to operators which have the right to use it for different time intervals, i.e. 24.8 MHz duplex until 31.12.2012 and 12.6 MHz duplex until 05.04.2014, as one may notice in the previous tables, as well as
- to the fact that, after 06.04.2014, a 75 MHz duplex amount of spectrum will be available in the 1800 MHz band for commercial use, following the release of the entire band from the applications with governmental use.

Furthermore, the differentiation per time periods is relevant for the channelling as well, since the blocks to be allotted previously and subsequently to 06.04.2014 will be different, as presented further on.

Thus, in Romania, for the 01.01.2013 – 05.04.2014 period, the usage right in the 1800 MHz band is awarded for two compact blocks of 2 x 30 MHz each, in the paired frequency bands 1722.7-1752.7 MHz/1817.7-1847.7, divided in 6 duplex channels (FDD) of 5 MHz width each.

The usage mode is as follows:

- the 1722.7-1752.7 MHz band for base station reception;
- the 1817.7-1847.7 MHz band for base station transmission.

The mode of operation will exclusively be FDD (Frequency Division Duplex) in the paired frequency bands 1722.7-1752.7/1817.7-1847.7 MHz. The duplex gap (the frequency separation between the transmission frequency and the reception frequency) is 95 MHz.

An overall picture on the 1800 MHz band, for the 01.01.2013 – 05.04.2014 period, leads to the frequency arrangement represented in the table below.

Table 8 – Frequency arrangement in the 1800 MHz band, 01.01.2013 – 05.04.2014 period

| Spectrum (MHz) | Destination | Overall picture |
|-----------------|---|--|
| 1722.7 – 1727.7 | Uplink (block 1) – 5 MHz | (30 MHz) FDD uplink |
| 1727.7 – 1732.7 | Uplink (block 2) – 5 MHz | |
| 1732.7 – 1737.7 | Uplink (block 3) – 5 MHz | |
| 1737.7 – 1742.7 | Uplink (block 4) – 5 MHz | |
| 1742.7 – 1747.7 | Uplink (block 5) – 5 MHz | |
| 1747.7 – 1752.7 | Uplink (block 6) – 5 MHz | |
| 1747.5 – 1817.7 | Other radiocommunication systems & another GSM 1800 operator – 70.2 MHz | Other radiocommunication systems & another GSM 1800 operator |
| 1817.7 – 1822.7 | Downlink (block 1) – 5 MHz | (30 MHz) FDD downlink |
| 1822.7 – 1827.7 | Downlink (block 2) – 5 MHz | |
| 1827.7 – 1832.7 | Downlink (block 3) – 5 MHz | |
| 1832.7 – 1837.7 | Downlink (block 4) – 5 MHz | |
| 1837.7 – 1842.7 | Downlink (block 5) – 5 MHz | |
| 1842.7 – 1847.7 | Downlink (block 6) – 5 MHz | |

For the 06.04.2014 – 05.04.2029 period, the usage right in the 1800 MHz band is awarded for two compact blocks of 74.8 MHz (2 x 74.8 MHz) each, in the paired frequency bands 1710.1-1784.9/1805.1-1879.9 MHz, divided into 14 duplex blocks (FDD) of 2 x 5 MHz width each, and one duplex block (FDD) of 2 x 4.8 MHz width.

The usage mode is as follows:

- the 1710.1-1784.9 MHz band for base station reception;
- the 1805.1-1879.9 MHz band for base station transmission.

The mode of operation will exclusively be FDD (Frequency Division Duplex) in the paired frequency bands 1710.1-1784.9 MHz / 1805.1-1879.9 MHz. The duplex gap (the frequency separation between the transmission frequency and the reception frequency) is 95 MHz.

An overall picture on the 1800 MHz band, for the 06.04.2014 – 05.04.2029 period, leads to the frequency arrangement represented in the table below.

Table 9 – Frequency arrangement in the 1800 MHz band, 06.04.2014 – 05.04.2029 period

| Spectrum (MHz) | Destination | Overall picture |
|-----------------|---|----------------------------------|
| 1710.1 – 1715.1 | Uplink (block 1) – 5 MHz | (74.8 MHz) FDD uplink |
| 1715.1 – 1720.1 | Uplink (block 2) – 5 MHz | |
| 1720.1 – 1725.1 | Uplink (block 3) – 5 MHz | |
| 1725.1 – 1730.1 | Uplink (block 4) – 5 MHz | |
| 1730.1 – 1735.1 | Uplink (block 5) – 5 MHz | |
| 1735.1 – 1740.1 | Uplink (block 6) – 5 MHz | |
| 1740.1 – 1745.1 | Uplink (block 7) – 5 MHz | |
| 1745.1 – 1750.1 | Uplink (block 8) – 5 MHz | |
| 1750.1 – 1755.1 | Uplink (block 9) – 5 MHz | |
| 1755.1 – 1760.1 | Uplink (block 10) – 5 MHz | |
| 1760.1 – 1765.1 | Uplink (block 11) – 5 MHz | |
| 1765.1 – 1770.1 | Uplink (block 12) – 5 MHz | |
| 1770.1 – 1775.1 | Uplink (block 13) – 5 MHz | |
| 1775.1 – 1780.1 | Uplink (block 14) – 5 MHz | |
| 1780.1 – 1784.9 | Uplink (block 15) – 4.8 MHz | |
| 1784.9 – 1805.1 | Other radiocommunication systems – 20 MHz | Other radiocommunication systems |
| 1805.1 – 1810.1 | Downlink (block 1) – 5 MHz | (74.8 MHz) FDD downlink |
| 1810.1 – 1815.1 | Downlink (block 2) – 5 MHz | |
| 1815.1 – 1820.1 | Downlink (block 3) – 5 MHz | |
| 1820.1 – 1825.1 | Downlink (block 4) – 5 MHz | |
| 1825.1 – 1830.1 | Downlink (block 5) – 5 MHz | |
| 1830.1 – 1835.1 | Downlink (block 6) – 5 MHz | |
| 1835.1 – 1840.1 | Downlink (block 7) – 5 MHz | |
| 1840.1 – 1845.1 | Downlink (block 8) – 5 MHz | |
| 1845.1 – 1850.1 | Downlink (block 9) – 5 MHz | |
| 1850.1 – 1855.1 | Downlink (block 10) – 5 MHz | |
| 1855.1 – 1860.1 | Downlink (block 11) – 5 MHz | |
| 1860.1 – 1865.1 | Downlink (block 12) – 5 MHz | |
| 1865.1 – 1870.1 | Downlink (block 13) – 5 MHz | |
| 1870.1 – 1875.1 | Downlink (block 14) – 5 MHz | |
| 1875.1 – 1879.9 | Downlink (block 15) – 4.8 MHz | |

2.4. The 2600 MHz band

By means of the RSPP, the European Commission proposes that the EU Member States complete the actions of authorisation and awarding of the frequency bands in the radio spectrum which have already been technically harmonised in the EU for wireless broadband services (the 900/1800 MHz bands, the 2600 MHz band and the 3400-3800 MHz band). In this regard, it is specified that, by 1 January 2013, Member States authorise the use of the entire spectrum designated by Commission Decisions 2008/477/EC (2500-2690 MHz), 2008/411/EC (3400-3800

MHz) and 2009/766/EC (900/1800 MHz), under terms ensuring the facile consumers' access to wireless broadband services.

The harmonised technical conditions for the use of the 2600 MHz frequency band were adopted by way of European Commission Decision 2008/477/EC of 13 June 2008 on the harmonisation of the 2500-2690 MHz frequency band for terrestrial systems capable of providing electronic communications services in the Community.

Moreover, according to the NTFA, the 2600 MHz band is currently used as follows:

- 2500-2520 MHz – NG (non-governmental) use;
- 2520-2655 MHz – G(A)/NG (military/non-governmental) shared use;
- 2655-2690 – NG (non-governmental) use.

The spectrum amount in the 2600 MHz band is 2x70 MHz (2500-2570 MHz/2620-2690 MHz) and another 50 MHz (2570-2620 MHz), which allows for allotting 14 blocks of 2x5 MHz (paired), respectively 10 blocks of 5 MHz (unpaired). A share of the 2600 MHz band is currently used by the Ministry of National Defence, following to be released within six month from the payment, according to the law, of the amounts required for covering the costs incurred by the change of destination or rearming of the radio frequency bands.

According to the European Commission Decision 2008/477/EC, the frequency arrangement in the 2600 MHz band is as follows:

- the assigned block sizes are multiples of 5 MHz.
- the duplex gap for the FDD mode of operation must be 120 MHz, with the following arrangements:
 - the frequencies for the terminal (uplink) are located in the lower part of the band (starting at 2500 MHz and finishing at 2570 MHz);
 - the frequencies for the base station transmission (downlink) are located in the upper part of the band, which starts at 2620 MHz and finishes at 2690 MHz.
- the 2570-2620 MHz sub-band may be used in the TDD mode or in other usage modes according to the BEM masks in order to avoid the harmful interferences.

An overall picture on the 2600 MHz band leads to the representation of the European harmonised arrangement in the table below.

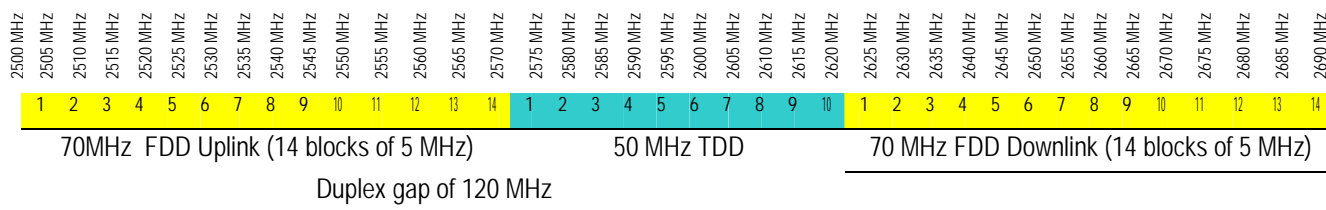
Table 10 – European harmonised frequency arrangement for the 2600 MHz band

| Spectrum (MHz) | Destination | Overall picture |
|----------------|--------------------------|---------------------|
| 2500 – 2505 | Uplink (block 1) – 5 MHz | (70 MHz) FDD uplink |
| 2505 – 2510 | Uplink (block 2) – 5 MHz | |
| 2510 – 2515 | Uplink (block 3) – 5 MHz | |
| 2515 – 2520 | Uplink (block 4) – 5 MHz | |
| 2520 – 2525 | Uplink (block 5) – 5 MHz | |
| 2525 – 2530 | Uplink (block 6) – 5 MHz | |

| Spectrum (MHz) | Destination | Overall picture | |
|----------------|-----------------------------|-----------------|-----------------------|
| 2530 – 2535 | Uplink (block 7) – 5 MHz | | |
| 2535 – 2540 | Uplink (block 8) – 5 MHz | | |
| 2540 – 2545 | Uplink (block 9) – 5 MHz | | |
| 2545 – 2550 | Uplink (block 10) – 5 MHz | | |
| 2550 – 2555 | Uplink (block 11) – 5 MHz | | |
| 2555 – 2560 | Uplink (block 12) – 5 MHz | | |
| 2560 – 2565 | Uplink (block 13) – 5 MHz | | |
| 2565 – 2570 | Uplink (block 14) – 5 MHz | | |
| 2570 – 2585 | Block 1 TDD – 15 MHz | | (45 MHz) TDD |
| 2585 – 2600 | Block 2 TDD – 15 MHz | | |
| 2600 – 2615 | Block 3 TDD – 15 MHz | | |
| 2615 – 2620 | Guard band – 5 MHz | | Guard band |
| 2620 – 2625 | Downlink (block 1) – 5 MHz | | (70 MHz) FDD downlink |
| 2625 – 2630 | Downlink (block 2) – 5 MHz | | |
| 2630 – 2635 | Downlink (block 3) – 5 MHz | | |
| 2635 – 2640 | Downlink (block 4) – 5 MHz | | |
| 2640 – 2645 | Downlink (block 5) – 5 MHz | | |
| 2645 – 2650 | Downlink (block 6) – 5 MHz | | |
| 2650 – 2655 | Downlink (block 7) – 5 MHz | | |
| 2655 – 2660 | Downlink (block 8) – 5 MHz | | |
| 2660 – 2665 | Downlink (block 9) – 5 MHz | | |
| 2665 – 2670 | Downlink (block 10) – 5 MHz | | |
| 2670 – 2675 | Downlink (block 11) – 5 MHz | | |
| 2675 – 2680 | Downlink (block 12) – 5 MHz | | |
| 2680 – 2685 | Downlink (block 13) – 5 MHz | | |
| 2685 – 2690 | Downlink (block 14) – 5 MHz | | |

The European harmonised channel arrangement in the 2500-2690 MHz band, in line with Decision ECC (05)05, is represented in the figure below:

Figure 4 - Harmonised arrangement of 5 MHz frequency blocks in the 2500-2690 MHz band



In Romania, the usage right in the 2600 MHz band is awarded for the following frequency spectrum:

- two compact blocks of 70 MHz (2 x 70 MHz) each, in the paired frequency bands 2500-2570/2620-2690 MHz, representing 14 duplex channels (FDD) of 2 x 5 MHz width;
- one compact block of 45 MHz in the unpaired frequency band 2570-2615 MHz, representing 3 simplex channels (TDD) of 15 MHz width each.

The mode of operation will be:

- FDD (Frequency Division Duplex) in the paired frequency bands 2500-2570/2620-2690 MHz, with a duplex gap of 120 MHz;
- TDD (Time Division Duplex) in the unpaired frequency band 2570-2615 MHz.

The usage mode of the FDD paired bands is as follows:

- the 2500-2570 MHz band for base station reception;
- the 2620-2690 MHz band for base station transmission.

3.1. Duration of the licences

On grounds of ANCOM's President Decision no. 1816/2011, the rights to use the radio frequencies will be granted for different time periods, depending on the availability of the spectrum resources for assignment, as follows:

- a) for the period between 1 January 2013 and 5 April 2014, inclusively, in case of the rights of use for the 890-915 MHz/935-960 MHz bands and, respectively, the 1722.7-1752.7 MHz/1817.7-1847.7 MHz bands;
- b) for a 15-year period, respectively starting on 6 April 2014 until 5 April 2029, inclusively, in case of the rights to use the 800 MHz, 900 MHz, 1800 MHz bands and, respectively, the 2600 MHz band, in their entirety.

In accordance with the provision under art. 31 paragraph (1) of the Framework-Ordinance, the usage rights for the radio frequencies, granted by means of selection procedures, are awarded for a maximum 10-year period. By means of exemption, under the conditions set out in art. 31 paragraph (2), these rights may be granted for a maximum 15-year period, if such a longer period is adequate for the electronic communication services provided by means of those frequencies, considering the pursued goal, and takes into account the duration necessary for the investment amortization.

The legal ground for granting the usage rights in the 800 MHz, 900 MHz, 1800 MHz bands and, respectively, in the 2600 MHz band, in their entirety, for a 15-year period, according to letter b) above, is art. 31 paragraph (2). The Authority considers that the 15-year term is adequate due to reasons related to the nature of the service provided (the necessity to ensure the continuity of the electronic communications services provision at mobile locations during a period meant to confer certain stability to business plans) as well as to the necessity for investment amortization to be considered by each winning bidder following the selection procedure. Taking all these into account, granting usage rights for the 1 January 2013 – 5 April 2014 period represents an exceptional circumstance, mainly triggered, as shown in the Sections 2.2 and 2.3 above, by the asymmetry of the validity terms of the licences currently in force in the 900 MHz and 1800 MHz spectrum, now available for commercial use.

3.2. Rights conferred by the licences

The holders of the licences to be awarded through the selection procedure will have the right to install, operate, control and make available to third parties a public electronic communications network and the associated infrastructure, in view of providing publicly available mobile electronic communications services, by using the radio frequencies over which they will gain usage rights as a result of the procedure.

For this purpose, the licence holders will have the right to use any available technology, if such usage will not breach the obligations regarding the observance of certain technical and operational conditions set out under Section 3.3.4 herein.

Also, a holder of licences in the categories A, C, E, F or G will have the right to conclude an national roaming agreement with any other holder of a licence for the use of radio frequencies for the purpose of providing public electronic communications networks and publicly available mobile electronic communications services, if the radio coverage of the access network of the requester has reached 30% of the population.

Additionally, a licence holder will have the right to conclude an national roaming agreement with any other holder of a licence for the use of radio frequencies for the purpose of providing public electronic communications networks and publicly available mobile electronic communications services, for the localities the latter has the exclusive obligation to cover according to the licence.

The holders will have the obligation to exercise their rights arising from the licence under such conditions as to ensure the effective, rational and efficient use of the radio frequencies, and in order to avoid harmful interferences.

3.3. Obligations imposed under the licences

3.3.1. Coverage obligations

3.3.1.1 Coverage obligations for the licences in the 800 MHz and 900 MHz bands with the validity period between 06.04.2014 – 05.04.2029

The holders of the rights to use the frequencies below 1 GHz (800 MHz and/or 900 MHz) have the obligation to ensure:

i). Priority coverage of a 90% percent of the population from certain pre-established areas, specified in Annex 7, with mobile communications services in UMTS technology, improved technologies in the IMT family (HSPA, HSPA+) or LTE or equivalent, by way of own infrastructure, until 05.04.2015. Each block in categories A or C that is to be assigned as a result of the selection procedure has associated the obligation to cover a number of 107 localities from those enlisted in Annex 7. After the closing of the selection procedure, before the award of the licences for the use of radio frequencies, ANCOM will establish a nominal list of localities which must be covered by each winner of the rights of use in the 800 MHz or 900 MHz bands. The lists will be prepared as follows:

- the winners of blocks in the 800 MHz or 900 MHz bands will have 30 days at their disposal to conclude a unanimously agreed agreement on the nominal share of the localities in Annex 7 in keeping with the principle that each winner will have to cover a number of localities equal to the cumulated number of blocks won in the 800 MHz or 900 MHz bands multiplied by 107;
- ANCOM will divide between the winners of blocks in the 800 MHz or 900 MHz bands, by draw, all the localities that will not make the object of the agreement specified at the previous point, in compliance with the principle stated in the previous paragraph.

ii). Coverage with mobile communications services of certain areas inhabited by at least 60% of Romania's population, by means of the own infrastructure, by 5 April 2019 at the latest.

3.3.1.2 Coverage obligations for the licences in the 1800 MHz and 2600 MHz bands with a validity period between 06.04.2014 – 05.04.2029

The holders of the rights to use the frequencies only in the frequency bands over 1 GHz (1800 MHz and/or 2600 MHz FDD) have the obligation to ensure coverage with mobile communications services of certain areas inhabited by at least 30% of Romania's population, by means of the own infrastructure, until 5 April 2019 at the latest.

In the cases under both points 3.3.1.1 and 3.3.1.2, the population is considered evenly distributed on the entire administrative surface of a locality.

3.3.1.3 Coverage definition

An area will be considered as being covered with mobile communications services if the following conditions are cumulatively met:

- a) the mobile communications services are provided with a downlink transfer speed of data towards the user of at least 10% of the highest average data transfer speed (the highest value of the parameter "Average Cell Throughput") allowed by the reference technology ensured constantly and consistently throughout the covered area (the minimum guarantee period towards the user at the cell edge. The speed will be ensured in the following hypotheses:
 - 85% of the cell resources are dedicated to the user;
 - the average cell load of the surrounding cells is 50%.
- b) the mean level of the field generated by the pilot signal, expressed in dB μ V/m/bandwidth of the channel used, measured outside the buildings, at a 1.5 m height, referring to an antenna with the gain of 0 dBd, at least equal to the level deriving from the sensitivity of the receiver according to the relevant standards (in accordance with the frequency band and the data transfer speed) to which an edge of 20 dB is added and a correction factor relating to the indoor propagation mitigation; the value of the correction factor relating to the indoor propagation mitigation is 15 dB for the 800 MHz and 900 MHz bands, respectively 19 dB for the 1800 MHz and 2600 MHz bands;
- c) block error rate BLER $\leq 10^{-2}$;
- d) the services defined at point a) are provided with 90% probability of indoor reception;
- e) the services defined at point a) are provided with at least 95% probability outdoor;
- f) the following parameters referring to the quality of the IMT signal are observed (parameters defined in particular to verify the coverage by measurements):
 - for GSM: $R_{x_{qual}} \geq 5$;
 - for UMTS: $E_c/I_0 \geq -8$ dB;
 - for LTE: $SINR \geq -4$;
 - any other technology, the parameter and its threshold value will be defined by the Authority after this new technology becomes available.

3.3.2. Obligations regarding quality of service

3.3.2.1 Minimum network availability standard

"Network availability" will be defined as the average number of minutes per terminal during a 6-month period for which the services provided through the network are not available due to network disturbance, network fault or scheduled unavailability.

Network availability will be expressed in terms of service unavailability through the network ("network unavailability").

The licence holder has the obligation to ensure that the network unavailability is less than 35 minutes (based on the weighting factors specified in the table below) during a 6 months period.

Table 11 Weighting factors for network unavailability during all the network unavailability periods

| Service unavailability, weighting factors (the duration of each network event is divided by the weighting factor) | | | |
|---|------------------|----------|--------|
| | Monday to Friday | Saturday | Sunday |
| For periods between 07.00 and 24.00 hours | 1 | 2 | 4 |
| For periods between 00.00 and 07.00 hours | 4 | 8 | 16 |

The holder has the obligation to keep the network logs in such a way as to be able to prove to the Authority that such logs are an adequate means for evaluating whether the holder observes the network availability obligation provided for under the licence.

The network logs or parts of these, as the case may be, will be made available to the Authority upon its request.

The holder has the obligation to calculate the network unavailability for any period specified by ANCOM, based on the information recorded in the network logs, as well as to provide the results of the calculations, upon the request of and within the timeframe specified by ANCOM.

3.3.2.2 Minimum standard for "voice call"

When providing the voice service through its terrestrial systems in the 800 MHz, 900 MHz, 1800 MHz and/or 2600 MHz bands, the holder will observe the minimum standard for "voice call" established in the Table below.

Table 12 Minimum standard for “voice call” for each 6-month period

| | Average | The most favourable case |
|---|----------------|---------------------------------|
| <p>Maximum admissible call blocking rates</p> <p>This parameter refers to the maximum percentage of unsuccessful calls, from the total number of attempted calls, during the most time consistently busy hour*</p> | 2% | 4% |
| <p>Maximum admissible call interruption rates</p> <p>This parameter refers to the maximum percentage of the total initiated calls which are prematurely interrupted by the network within 3 minutes after call initiation</p> | 2% | 4% |
| <p>End to end blocking rate for a network point</p> <p>This parameter is defined as the number of blocked calls in relation to the total number of initiated calls in any point within the network coverage area</p> | 3% | 5% |
| <p>End to end interruption rate for a network point</p> <p>This parameter is defined as the number of calls interrupted by the network within 3 minutes after call initiation in relation to the total number of initiated calls in any point within the network coverage area</p> | 3% | 5% |
| <p>Transmission quality</p> <p>The licence holder will ensure a voice transmission quality as good as, or better than, the vocal transmission quality associated with the GSM standard and the GSM technical specifications elaborated by ETSI. The holder will ensure the use of adequate equipment in order to compensate the echo and their proper configuration.</p> | | |

* The “most time consistently busy hour” is defined as the 1-hour period during the same daily hour interval when the average network traffic is at the highest level during the considered time interval. The most time consistently busy hour will be determined by means of analysing the service traffic data and will be subject to ANCOM approval.

The “most time consistently busy hour” is to be determined based on the operator’s voice traffic and represents the 1-hour time interval when the traffic is at the highest level. The call blocking rates are measured over the same 1-hour period during each day of the assessed period (e.g. 6 months). This hour will be determined by the operator and will be submitted to the ANCOM approval.

3.3.3. Access obligations

3.3.3.1. Obligations on the national roaming

The holders of the licences to be awarded through the selection procedure will have the obligation to negotiate in good faith and conclude, with the other holders of licences for the use of radio frequencies for the provision of public electronic communications networks and publicly available electronic communications services, national roaming agreements for the provision of access to the unique 112 emergency call number. These agreements will be concluded within maximum 2 months from the entry into force of the licences and will be valid during the entire validity period of these licences.

Also, the holders of licences in the categories A, C, E, F or G will have the obligation to negotiate in good faith and conclude:

- a) a national roaming agreement with any other holder of a licence for the use of radio frequencies for the purpose of providing public electronic communications networks and publicly available mobile electronic communications services, the access network of which has reached 30% of the population, in view of providing national roaming services, and who requires the conclusion of such an agreement;
- b) a national roaming agreement, in view of providing regional roaming services in the localities it has the exclusive obligation to cover according to the licence provisions, during the entire validity period of these licence, with any other holder of a licence for the use of radio frequencies for the purpose of providing public electronic communications networks and publicly available mobile electronic communications services, the access network of which has reached 30% of the population, in view of providing regional roaming services in the localities the requester must cover according to the licence provisions, and who requires the conclusion of such an agreement.

The licences will provide maximum terms for negotiation and implementation of the roaming agreements under letters a) and b) above. Thus, the maximum term for negotiation in view of concluding such a roaming agreement will be of 2 months after the date when the licence holder receives a request therefor. Also, the licence holder will ensure the implementation of the provisions under the roaming agreement in such a way as the electronic communications services provision starts within 3 months after the agreement conclusion date.

The duration of the roaming agreements provided in letter a) will be established by means of negotiation between the parties. In case the beneficiary holds a licence in the 800 MHz or 900 MHz band, the agreement may not be concluded for a period of less than 3 years, if the beneficiary requires such conclusion for a period of at least 3 years. In case the beneficiary holds

a licence only in the 1800 MHz, 2000 MHz or 2600 MHz band, the agreement may not be concluded for a period of less than 5 years, if the beneficiary requires such conclusion for a period of at least 5 years.

The licence holder must allow access to its network under objective, transparent and non-discriminating conditions. To this end, the roaming agreements must provide for:

- a) non-discriminating treatment of the subscribers of the two networks when initiating and receiving calls;
- b) providing the subscribers of the roaming agreement beneficiary with of all the services available to the holders' subscribers;
- c) service continuity when passing from one network to the other.

The licence holder will have the obligation to provide ANCOM with a copy of each concluded roaming agreement, within 10 days after their conclusion. As well, the holder will have the obligation to provide ANCOM with all information regarding the amendment or termination of these agreements, together with the supporting documents, as the case may be, within 10 days after the date of the amendment or termination.

3.3.3.2. Obligations on the access of mobile virtual network operators

The holders of the licences awarded through the selection procedure will provide access to their network for the mobile virtual network operators (MVNO) while observing the obligations stipulated in this section.

Each licence holder will have the obligation to publish an offer for MVNO access to its network when the radio coverage of the network has reached 30% of the population. The access offer will stipulate the provision of access to the holder's radio network for the MVNO, under non-discriminatory conditions as regards the quality of service as compared with the conditions the holder benefits from for its own services. Also, the holder will allow the MVNO to exploit, in its own name, upon request, its own core network and interconnection links.

As soon as it has published an offer for MVNO access to its network, the holder will have the obligation to answer any reasonable access request from an MVNO and will suggest to that MVNO an agreement, according to the terms in its public access offer.

The licences will provide for maximum terms for negotiation and implementation of MVNO access agreements. Thus, the maximum negotiation term for concluding an MVNO access agreement will be of 6 months after the reception by the holder of a request therefor. As well, the holder will ensure the implementation of the provisions under the MVNO access agreement in such a way as the provision of the electronic communication services starts within 4 months after the agreement conclusion date.

The licence holders will offer access conditions that will not restrict, without an objective justification, the competition on the wholesale MVNO access market and the commercial

autonomy of the MVNO in the retail market. Thus, the holder will suggest to the MVNO an access agreement that does not include an option or pre-emption right in case the legal situation of the MVNO changes (e.g. in case of a merger) or an agreement transfer, except for the specific and mutually agreed request of the MVNO. Also, the agreement will not include clauses that might prevent the MVNO from concluding MVNO access agreements with several network operators, simultaneously.

The holder will offer access to its network to maximum four *full MVNO* operators. Those MVNO operators upon whom the host operator directly or indirectly exerts a significant influence in decision-making (who are part of the same group as the host operator) will not be taken into account.

The holder will suggest, to both the *full* and the *thin* MVNOs, tariffs that are reasonable and proportionate with the provided services.

As soon as the MVNO will make available to the holder its aggregated traffic forecast, while such forecasts allow for the network load dimensioning, the holder will not impose on the MVNO the obligation for the latter to make available its business plan and will not impose a commercial offer reconciling process.

In case of misunderstandings or disputes regarding the provision of MVNO access, the operators may address ANCOM for dispute mediation and/or solving.

3.3.4. Obligations concerning the observance of certain technical and operational conditions for the use of the radio frequencies

3.3.4.1 Technical conditions for the use of the 800 MHz band

a) The provisions of the following EC decisions, CEPT/ECC decisions, recommendations and reports apply with regard to the use in the 800 MHz band:

- Decision 2010/267/EU on harmonised technical conditions of use in the 790-862 MHz frequency band for terrestrial systems capable of providing electronic communications services in the European Union;
- ECC/DEC/(09)03: Harmonised conditions for mobile/fixed communications networks (MFCN) operating in the 790-862 MHz band;
- CEPT Report 030: The identification of common and minimal (least restrictive) technical conditions for 790-862 MHz for the digital dividend in the European Union;
- CEPT Report 031: Frequency (channelling) arrangements for the 790-862 MHz band;
- CEPT Report 019: Least restrictive technical conditions for WAPECS frequency bands;
- ECC/REC/(11)04: Frequency planning and frequency coordination for terrestrial systems for Mobile/Fixed Communication Networks (MFCN) capable of providing electronic communications services in the frequency band 790-862 MHz.

The aforementioned documents may be subject to amendments or new versions. As well, it is possible the adoption of other similar documents that would influence the technical conditions of use.

- b) The mode of operation in the 800 MHz band will be Frequency Division Duplex (FDD). The 791-821 MHz band will be used for the base station transmission (downlink), and the 832-862 MHz band will be used for the terminal station transmission (uplink).
- c) The duplex gap in the 800 MHz band is 41 MHz.
- d) The terrestrial systems which may be developed in the 800 MHz band are those compliant with Decision 2010/267/EU.
- e) The 5 MHz block edge mask in the 790-862 MHz band is defined in the Annex to Decision 2010/267/EU and in ECC/DEC(09)03 (Annex 3).
- f) Within a frequency block for which the holder has a licence, the in-block effective isotropic radiated power (EIRP) from a base station transmitter (downlink) will not exceed 59 dBm/5 MHz in urban areas and 64 dBm/5 MHz in sub-urban and rural areas.
- g) Outside a frequency block for which the holder has a licence, the holder must comply with the out-of-block spectrum edge mask (out-of-block BEM) specified in Tables 13 to 16.

Table 13 – Basic requirements – Base station block edge mask (BEM) out-of-block effective isotropic radiated power (EIRP) limits (Base station out-of-block BEM)

| Frequency range of out-of-block emissions | Maximum mean out-of-block EIRP | Measurement bandwidth |
|---|--------------------------------|-----------------------|
| 832 – 862 MHz (Frequencies used for FDD uplink) | -49.5 dBm | 5 MHz |

Table 14 - Transition requirements – Out-of-block effective isotropic radiated power (EIRP) limits per antenna in the FDD frequency band for the 791-821 MHz downlink (Base station out-of-block BEM, in the 791-862 MHz frequency band)

| Frequency range of out-of-block emissions | Maximum mean out-of-block EIRP | Measurement bandwidth |
|---|--------------------------------|-----------------------|
| -10 to -5 MHz from lower block edge | 18 dBm | 5 MHz |
| -5 MHz to 0 MHz from lower block edge | 22 dBm | 5 MHz |
| 0 to +5 MHz from lower block edge | 22 dBm | 5 MHz |
| +5 to +10 MHz from lower | 18 dBm | 5 MHz |

| | | |
|------------------------------------|--------|-------|
| block edge | | |
| remaining FDD downlink frequencies | 11 dBm | 1 MHz |

Table 15 – Transition requirements – Out-of-block effective isotropic radiated power (EIRP) limits per antenna (for one to four antennas), over frequencies used as guard bands (Base station out-of-block BEM, over the 790-791 MHz and 821-832 MHz frequency bands used as guard bands)

| Frequency range of out-of-block emissions | Maximum mean out-of-block EIRP | Measurement bandwidth |
|--|--------------------------------|-----------------------|
| Guard band between 790 MHz and 791 MHz | 17.4 dBm | 1 MHz |
| Guard band between the FDD bands 821-832 MHz | 15 dBm | 1 MHz |

Table 16 – Basic requirements – Base station out-of-block effective isotropic radiated power (EIRP) limits, over frequencies below 790 MHz

| Frequency range of out-of-block emissions | Condition on base station in-block EIRP, P (dBm/10 MHz) | Maximum mean out-of-block EIRP | Measurement bandwidth |
|---|---|--------------------------------|-----------------------|
| 470-790 MHz | $P \geq 59$ | 0 dBm | 8 MHz |
| | $36 \leq P < 59$ | (P-59) dBm | 8 MHz |
| | $P < 36$ | -23 dBm | 8 MHz |

3.3.4.2 Technical conditions for the use of the 900 MHz and 1800 MHz bands

a) The provisions under the following EC decisions, CEPT/ECC decisions, recommendations and reports apply to the use of the 900 MHz and 1800 MHz bands:

- Commission Decision 2009/766/EC on the harmonisation of the 900 MHz and 1800 MHz frequency bands for terrestrial systems capable of providing pan-European electronic communications services in the Community, amended by the Commission Decision 2011/251/UE

- ECC/DEC/(06)13: Designation of the GSM 900/1800 bands for terrestrial IMT-2000/UMTS systems
- ECC/REC/(08)02: Frequency planning and frequency coordination for the GSM 900 (including E-GSM)/UMTS 900, GSM 1800/UMTS 1800 Land Mobile Systems
- ECC Report 082: Compatibility study for UMTS operating within the GSM 900/1800 frequency bands
- ECC Report 096: Compatibility between UMTS 900/1800 systems and systems operating in adjacent bands
- CEPT Report 040: Compatibility study for LTE and WiMAX operating within the bands 880-915 MHz / 925-960 MHz and 1710-1785 MHz / 1805-1880 MHz (900/1800 MHz bands)
- CEPT Report 041: Compatibility between LTE and WiMAX operating within the bands 880-915 MHz / 925-960 MHz and 1710-1785 MHz / 1805-1880 MHz (900/1800 MHz bands) and systems operating in adjacent bands
- CEPT Report 042: Compatibility between UMTS and existing and planned aeronautical systems above 960 MHz
- ECC Report 146: Compatibility between GSM MCBTS and other services (TRR, RSBN/PRMG, HC-SDMA, GSM-R, DME, MIDS, DECT) operating in the 900 MHz and 1800 MHz frequency bands
- ECC/DEC/(06)07 amended: GSM on board aircraft
- ECC/DEC/(08)08: GSM on board vessels
- ECC Report 082: Compatibility study for UMTS operating within the GSM 900/1800 MHz bands
- ECC Report 096: Compatibility between UMTS 900/1800 and systems operating in adjacent bands
- CEPT Report 019: Least restrictive technical conditions for WAPECS frequency bands
- ERC Report 100: Compatibility between certain radiocommunication systems operating in adjacent bands. Evaluation of DECT/GSM 1800 compatibility

The aforementioned documents may be subject to amendments or new versions. As well, it is possible the adoption of other similar documents that would influence the technical conditions of use.

- b) The mode of operation in the 900 MHz band will be Frequency Division Duplex (FDD)

- c) The 925-960 MHz band will be used for the base station transmission (downlink), and the 880-915 MHz band will be used for the terminal station transmission (uplink).
- d) The terrestrial systems which may be developed in the 900 MHz band are those compliant with Decision 2009/766/EC amended by Decision 2011/251/EU. No block spectrum edge masks (BEM) are defined for the 900 MHz band.
- e) The 880-880.1/925-925.1 MHz and 914.9-915/959.9-960 MHz sub-bands will be considered guard bands and will not be used.
- f) The terrestrial systems will operate in the 900 MHz band in the following frequencies: 880.1-914.9/925.1-959.9 MHz.
- g) The duplex gap in the 900 MHz band is 45 MHz.
- h) The nominal gap of the channel:
 - for the GSM systems: 200 kHz;
 - for the UMTS and WiMAX systems: 5 MHz;
 - for the LTE systems: 1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15 MHz or 20 MHz.

Within the frequency block of a licence holder, the use of a lower gap between the channels than the aforementioned one is allowed; nevertheless, the value of the central frequency of the channels close to the block edge must be so selected as to allow that the channel of the central frequency entirely falls inside the frequency block of the holder, even when the nominal gap of the channel is used according to letter h) of this Section and when there is separation between channels positioned at the edge of the adjacent blocks in accordance with letter t) of this Section, if not otherwise agreed by the holders of the licences for the adjacent frequency blocks. Such agreement of the licence holders may not imply the use of the guard bands mentioned under letter e) of Section 3.3.4.2.

- i) The transmission frequencies corresponding to the GSM 900 channels are defined by the formulas below:
 - i) transmission frequencies of the terminal stations:
 - for $880 < F_u(n) \leq 890$ MHz: $F_u(n) = 890 + 0.2 \cdot (n - 1024)$, $975 \leq n \leq 1024$
 - for $890 < F_u(n) < 915$ MHz: $F_u(n) = 890 + 0.2 \cdot n$, $1 \leq n \leq 124$
 - ii) transmission frequencies of the base stations:
 - for $925 < F_d(n) < 935$ MHz: $F_d(n) = F_u(n) + 45$, $975 \leq n \leq 1024$
 - for $935 < F_d(n) < 960$ MHz: $F_d(n) = F_u(n) + 45$, $1 \leq n \leq 124$
- j) The mode of operation in the 1800 MHz band will be Frequency Division Duplex (FDD).

- k) The 1805-1880 MHz band will be used for the base station transmission (downlink), and the 1710-1785 MHz band will be used for the terminal station transmission (uplink).
- l) The terrestrial systems which may be developed in the 1800 MHz band are those compliant with Decision 2009/766/EC, as well as with Decision 2011/251/EU.
- m) The 1710-1710.1/1805-1805.1 MHz and 1784.9-1785/1879.9–1880 MHz sub-bands will be kept as guard bands and will not be used.
- n) The terrestrial systems will operate in the 1800 MHz band in the following frequencies: 1710.1–1784.9/1805.1–1879.9 MHz.
- o) The duplex gap in the 1800 MHz band is 95 MHz.
- p) The nominal gap between the adjacent channels in the 1800 MHz band:
 - i) for the GSM systems: 200 kHz;
 - ii) for the UMTS and WiMAX systems: 5 MHz
 - iii) for the LTE systems: 1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15 MHz or 20 MHz.

Within the frequency block of a licence holder, the use of a lower gap between the channels than the aforementioned one is allowed; nevertheless, the value of the central frequency of the channels close to the block edge must be so selected as to allow that the channel of the central frequency entirely falls inside the frequency block of the holder, even when the nominal gap between the adjacent channels is used according to letter p) of this Section and when there is separation between channels positioned at the edge of the adjacent blocks defined under letter t) of this Section, if not otherwise agreed by the holders of the licences for the adjacent frequency blocks. Such agreement of the licence holders may not imply the use of the guard bands mentioned under letter m) of Section 3.3.4.2.

- q) The transmission frequencies corresponding to the GSM 1800 channels are defined by the formulas:
 - i) transmission frequencies of the terminal stations: $F_u(n) = 1710.2 + 0.2 \times (n - 512)$, $512 \leq n \leq 885$
 - ii) transmission frequencies of the base stations: $F_d(n) = F_u(n) + 95$
- r) Conditions for the use of GSM systems in the 900 MHz band:
 - i) Guard bands may not be kept between two frequency blocks used by two different operators for GSM 900 systems.
 - ii) Within the B1 frequency block (880.1–885.1/925.1-930.1 MHz), the extension and operation of the mobile radio systems in the 900 MHz band up to a 4 km distance from the railway must be coordinated with the GSM-R operators and/or interference prevention techniques

will be applied, for the purpose of protecting the development of the GSM-R systems.

s) Conditions for the use of GSM systems in the 1800 MHz band:

- i) Guard bands may not be kept between two frequency blocks used by two different operators for GSM 1800 systems.
- ii) In the 1878 - 1880 MHz range, interferences due to DECT systems may appear (see ERC Report 100). It is recommended that the 2 MHz in the upper 1800 MHz band (1878-1880 MHz) are not to be used for the transmission of the pilot channels (BCCH); thus, adequate measures are required (see ERC Report 100).

t) Conditions for the use of UMTS/LTE/WiMAX in the 900 MHz and 1800 MHz bands:

- The GSM channels/carriers close to the edges of the assigned blocks are to be used, if not otherwise agreed between the operators. The UMTS channels/carriers are to be used between the carriers of the GSM channels in the assigned frequency sub-bands.

- Separation between the UMTS carrier of a certain operator and the GSM carrier of another operator will be as wide as possible, and

- a) it will be at least 2.8 MHz in case of uncoordinated usage, or
- b) it will be at least 2.6 MHz in case of coordinated usage.

- Separation between the UMTS carrier of a certain operator and the UMTS carrier of another operator will be:

- a) at least 5 MHz in case of uncoordinated usage, or
- b) 5 MHz or less, in case of coordinated usage.

- Separation between the channels positioned close to the edge of adjacent blocks used by the two networks ("A" and "B") held by different operators, depending on the technology used, will be ensured as follows:

- a) Separation between the limits of the block edge channels:

| "A" network | | | | | |
|--------------------|-------------|------------|--------------|--------------|--------------------|
| GSM | UMTS | LTE | WiMAX | GSM | |
| 0 kHz | 200 kHz* | 200 kHz* | 200 kHz* | | |
| | | | | UMTS | "B" network |
| | | | | LTE | |
| | | | | WiMAX | |
| | 0 kHz | 0 kHz | 0 kHz | | |
| | | 0 kHz | 0 kHz | | |
| | | | 0 kHz | | |

* The decrease of the value of the separation between the limits of channels at the adjacent blocks edge is conditioned by the existence of bilateral agreements between the operators involved.

b) The following technology categories are defined:

Category 1: GSM (including GSM-R)

Category 2: UMTS, LTE and WiMAX.

c) In case the networks owned by two different operators use adjacent frequencies for different categories of technology, when assigning the channels at the edge of the adjacent frequency blocks, the necessary band for the separation of the channels positioned at the block edge, in accordance with the values under point a) of this Sub-section, is to be ensured within the category 2 (as defined under point b) frequency block within of the network owner, if not otherwise agreed by the holders of the licences using the respective adjacent frequency blocks.

d) In case of two different holders using adjacent frequencies for category 2 of technologies (defined under point b), the separation between the limits of the edge channels is 0 kHz when the channels positioned at the edge of the adjacent frequency blocks are assigned.

- When defining the frequency band necessary for the separation of the channels positioned at the adjacent block edge, the values of the nominal gap between the adjacent channels mentioned under letters h) and p) of Section 3.3.4.2 will be applied, if not otherwise agreed by the holders of the licences using adjacent frequency blocks.
- In case of a harmful interference occurrence, network configuration will be coordinated between the operators and/or interference prevention and solving techniques will be applied.
- In order to eliminate/solve and prevent interferences, in addition to the provisions under letter t) of this Section, the affected holders have the obligation to consult the involved parties in view of amending the characteristics of the stations, irrespective of which party has first installed the station.

3.3.4.3. Technical conditions for the use of the 2600 MHz band

1. The provisions under the following EC decisions, CEPT/ECC decisions, recommendations and reports apply to the use of the 2600 MHz band:

- Commission Decision 2008/477/EC on the harmonisation of the 2500-2690 MHz frequency band for terrestrial systems capable of providing electronic communications services in the Community
- ECC/DEC/(05)05: ECC Decision on harmonised utilisation of spectrum for IMT-2000/UMTS systems operating within the band 2500-2690 MHz
- ECC/DEC/(02)06: ECC Decision of 15 November 2002 on the designation of frequency band 2500-2690 MHz for UMTS/IMT-2000

- ECC Report 045: Sharing and adjacent band compatibility between UMTS/IMT-2000 in the band 2500-2690 MHz and other services
- ECC Report 119: Coexistence between mobile systems in the 2600 MHz frequency band at the FDD/TDD boundary
- CEPT Report 019: Least restrictive conditions for frequency bands addressed in the context of WAPECS
- ECC/REC/(11)05: Frequency planning and frequency coordination for terrestrial systems for Mobile/Fixed Communication Networks (MFCN) capable of providing electronic communications services in the frequency band 2500-2690 MHz

The aforementioned documents may be subject to amendments or new versions. As well, it is possible the adoption of other similar documents that would influence the technical conditions of use.

2. The mode of operation in the 2600 MHz will be:
 - a) Frequency Division Duplex (FDD) in the paired sub-bands 2500-2570/2620-2690 MHz. The 2620-2690 MHz sub-band will be used for the base station transmission (downlink), while the 2500-2570 MHz sub-band will be used for the terminal station transmission (uplink).
 - b) Time Division Duplex (TDD) in the 2570-2620 MHz sub-band.
3. The duplex gap for the FDD mode of operation: 120 MHz.
4. The nominal gap of the channel:
 - a) for the UMTS and WiMAX systems: 5 MHz
 - b) for the LTE systems: 1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15 MHz or 20 MHz.
5. The terrestrial systems that may be developed in the 2600 MHz band must observe the block spectrum edge masks (BEM) established by the Annex to the Decision 2008/477/EC, in the absence of bilateral or multilateral agreements between the licence holders of adjacent/neighbour blocks, without hindering the use of certain less restrictive technical parameters if so agreed between the licence holders owning the respective blocks.
6. The 5 MHz block spectrum edge mask in the 2500-2690 MHz band is distinctively defined for two types of usage conditions:
 - a) for unrestricted blocks: maximum EIRP = 61 dBm/5MHz
 - b) for restricted blocks: maximum EIRP = 25 dBm/5MHz
7. For the use of the FDD 2620 – 2690 MHz band (downlink), the conditions applicable to the unrestricted blocks will apply to all FDD (F1 – F14) blocks.
8. The following conditions will apply for the use of the TDD 2570-2620 MHz band:
 - The conditions for restricted blocks will be applied to the 5 MHz blocks positioned at the lower end of the TDD G1, G2 and G3 blocks.

- If the F1 and G3 blocks are awarded to different operators, the 2615-2620 MHz sub-band will be designated as guard band. Otherwise, the provisions for the unrestricted use will apply.
- The conditions applicable to the unrestricted blocks will apply to the remaining 5 MHz blocks from within the TDD G1, G2 and G3 blocks.

3.3.4.4. Technical conditions for the use of frequencies in the border areas

In border areas, the licence holders will use the assigned frequency blocks only on the basis of coordination with the communications administrations of the neighbouring countries, in compliance with the requirements deriving from the enforcement of the international agreements to which Romania is a party or from the international regulations on frequency coordination applicable to the allocated.

The future agreements or the subsequent amendments of the existing agreements may complete or replace some of the regulations specified within Section 3.3.4.4 and its sub-sections.

Where there are the so-called "arrangements" concluded between operators and approved by the Authorities of the neighbouring countries involved, the frequency usage under other conditions than those specified in the following sub-sections may be allowed. Under an arrangement concluded between operators, the frequency usage in shared bands may deviate from the provisions stipulated in the agreements concluded between the Authorities.

If necessary, the Authority will make available to the participants in the auction, upon their written request therefor, the relevant bilateral or multilateral agreements for the spectrum subjected to auction, in English, as PDF files.

3.3.4.4.1. Technical conditions of use in the 800 MHz band in the border areas

A. General rules:

In the case of the IMT/LTE systems, the preferential cell identities need to be shared at the level of the Physical Cell Identifier (PCI) in accordance with Recommendation ECC/REC/(11)04. The allocation of codes is the one provided for in Annex 5 of Recommendation ECC/REC/(11)04.

In addition, it is desirable that operators coordinate the radio parameters of their own systems in order to minimise deteriorating effects of uplink interference in accordance with the aforementioned ECC Recommendation.

The field strength levels or the threshold levels specified in Sub-section B, letters a), b) are related to a reference frequency block of 5 MHz width. The threshold levels of the field strength will modify in keeping with the bandwidth, according to the formula below. The modified values of the field strength threshold levels will be applied individually to each base station.

a) The correction factor in keeping with the bandwidth

If the channel nominal gap used by the system is different from 5 MHz, the correction factor in keeping with the bandwidth will be added to the field strength threshold level, calculated as follows:

$$10 \times \log (C_s/5 \text{ MHz}) \quad (\text{dB})$$

where "Cs" = the channel nominal gap (MHz)

B. Use of the paired frequency bands 791-821 MHz / 832-862 MHz

a) General case

This is the case where the examination of the technology used in the neighbouring country is not necessary.

The base stations of the FDD systems can use the paired frequency bands 791-821 MHz / 832-862 MHz without the coordination with the neighbouring countries, if the mean field strength produced by the base station transmitters in a cell (antenna sector) does not exceed 55 dB μ V/m/5 MHz at a height of 3 m above ground at the borderline between two countries and, respectively, 29 dB μ V/m/5 MHz at a height of 3 m above ground at a distance of 9 km inside the neighbouring country.

b) The case of the deployment of LTE systems both sides of the border

In the case that LTE systems are deployed both sides of the border, the field strength level can be increased to 59 dB μ V/m/5 MHz at the borderline and 41 dB μ V/m/5 MHz at a distance of 6 km inside the neighbouring country, in accordance with the provisions of Annex 1 of Recommendation ECC/REC/(11)04. These field strength threshold levels may be applied only if there is concluded an agreement between the operators involved in the use of these common FDD bands or sub-bands to this end.

To calculate the field strength in the cases presented at points a) and b), the method set under the HCM Agreement (based on the ITU Recommendation P.1546 – Method for point-to-area predictions for terrestrial services in the frequency range 30 MHz to 3 000 MHz) will be applied. A probability of 50% of locations and a probability of 10% of time will be taken into consideration.

c) Harmful interferences

If harmful interferences occur, the field level in borderline points will be calculated, of the line located at a distance of 6 km from the borderline or of that located at a distance of 9 km from the borderline, in relation to the threshold levels specified at points a) and b) above, and, depending on the radiowave propagation ways, the HCM model will be applied. The probability of 10% of time will be taken into consideration.

If the made calculations show that the field strength threshold levels have been exceeded, the characteristics of the base stations will be adjusted based on the results of the interference calculations. If the taken measures did not effect in the operation free from harmful interferences, then a new phase of interference assessment will be conducted, according to the method described below.

The operators will apply the calculation of the field strength levels in a geographic area, based on certain commonly agreed propagation models, commonly agreed field strength threshold levels and on the commonly agreed method used for the interference, in line with the relevant section ("Area calculations") in Annex 3 to Recommendation ECC/REC/(11)04, before measuring the interference field level.

The calculation method including the elements specified in the paragraph above will be agreed at the respective moment between the involved operators.

If the second assessment phase reveals the existence of harmful interferences, the characteristics of the base stations will be adjusted based on the results of the interference calculation in this phase. If neither the measures taken in the second phase result in the operation free from harmful interference, measurements based on the area calculation method are to be made.

d) Protection of the analogue and digital TV systems

In the neighbouring countries, analogue and digital television transmitters still operate in the 790-862 MHz frequency band (according to the Geneva Plan 06). The trigger field strength levels necessary to protect the reception of these TV signals are those specified in CEPT Report 29 and given in the table below:

Table 17 – Coordination trigger field strength for the protection of the broadcasting service

| Coordination trigger field strength for the protection of the broadcasting service (at 10 m above ground) | |
|---|-------------------------------------|
| Protection of the analogue TV | 22 dB μ V/m/8 MHz at the border |
| Protection of the digital TV | 25 dB μ V/m/8 MHz at the border |

These limits of the field strength will be observed in the border area, in relation to the neighbouring countries that use analogue and digital TV transmitters in the 790-862 MHz band. The channel allocations/assignments for the analogue and digital TV in the neighbouring countries whose protection must be ensured are enlisted in Annex 8.

The method established under the HCM Agreement will be used to calculate the field strength. The time probability to be considered is 1%.

e) Protection of the aeronautical radionavigation systems

In Ukraine, the 790-862 MHz band is assigned to the aeronautical radionavigation services and has a primary status, in accordance with art. 5 of the ITU Radio Regulations (Footnote 5.312) and, consequently, the aeronautical radionavigation services benefits from radio protection in relation to the land mobile service, which was subsequently introduced in this band. In accordance with footnote 5.316A of art. 5 of the ITU Radio Regulations reviewed by the Final Acts of the World Radiocommunication Conference in Geneva, 23 January – 17 February 2012, the land mobile service may be used in Romania on a primary basis under the condition to not cause harmful interferences to the aeronautical radionavigation service operating on the territory of Ukraine and to the broadcasting service operating in the neighbouring countries in line with the Geneva Agreement 2006. (see Resolutions 224 (Rev. WRC-12) and 749 (Rev. WRC-12) in the aforementioned Regulation).

In order to ensure the protection from harmful interferences of the systems in the aeronautical radionavigation service of Ukraine, the base stations in the land mobile service are allowed to operate in Romania under the terms set by the *Technical agreement between the telecommunications administrations of Romania and Ukraine on the coordination of the use of the 790-862 MHz frequency band by mobile radiocommunication networks with the radionavigation and the fixed services, concluded in Geneva in February 2012* and further detailed:

The base stations operating in the land mobile service on the territory of Romania are allowed to use the 791-821 MHz frequency band without coordination with Ukraine if the following conditions are met:

a) if the calculated value of the mean field strength level generated by a base station does not exceed 46 dB μ V/m/1 MHz and 53 dB μ V/m/5 MHz at a height of 10 m above ground at the borderline;

b) if the base stations are located at a distance higher than 10 km from the border and if the operating area of the base station does not cover areas which are located closer than 2 km away from the border;

c) if the base stations are located beyond the 20 km area around the point of the geographical coordinates: 28°E48'00"; 45°N23'00"

The terminal stations in the land mobile service may use the 832-862 MHz frequency band on the territory of Romania, without the coordination with Ukraine, if the observance of the conditions specified in the paragraph above is ensured.

3.3.4.4.2. Technical conditions of use in the 900 MHz band in the border areas

A. The GSM systems in the 900 MHz band

a) When planning the use of the frequencies in the 900 MHz band in areas close to Romania's border, the operators will keep in mind the bilateral or multilateral agreements on the distribution of preferential frequencies, concluded with the communications administrations of the neighbouring countries, mentioned in the table below.

Table 18 Bilateral or multilateral agreements on the distribution of preferential frequencies

| Frequency band | Agreements / Protocols | Neighbouring countries with which agreements have been concluded | | | | |
|-------------------------|---|--|-----|-----|-----|-----|
| | | HNG | UKR | MDA | BUL | SRB |
| 880-889.9/925-934.9 MHz | 1) Technical Agreement between AUT-HNG-HRV-ROU-SRB-SVK-SVN-UKR, Budapest, 28 October 2010 | X | X | | | X |
| | 2) Technical Procedure on the E-GSM coordination between HNG-HRV-ROU-SRB-UKR | X | X | | | X |
| 890-915/935-960 MHz | 1) Protocol between ROU-SVK-UKR-HNG, Budapest, 18-22 October 1999 | X | X | | | |
| | 2) Protocol between HNG-ROU-SRB, Szeged, 13-16 November 2000 | X | | | | X |
| | 3) Technical Agreement between AUT-HNG-HRV-ROU-SRB-SVK-SVN-UKR, Budapest, 28 October 2010 | X | X | | | X |
| | 4) Bilateral Agreement ROU-MDA, Iasi, 1997 | | | X | | |

| | | | | | | |
|--|--|--|--|---|--|--|
| | 5) Bilateral Protocol ROU-MDA, Iasi, November 2010 | | | X | | |
|--|--|--|--|---|--|--|

Note: ROU – Romania; HNG – Hungary, MDA – R. of Moldova, BUL – Bulgaria, SRB – Serbia

b) As for the use of the preferential GSM channels, the field strength produced by each carrier generated by a base station may not exceed the value of 19 dBµV/m/200 kHz inside the neighbouring country, at the line found at a distance of 15 km away from the border, at a height of 3 m above ground, in 50% of the locations 10% of the time.

c) As for the use of the non-preferential channels, the field strength level produced by each carrier generated by a base station may not exceed the value of 19 dBµV/m/200 kHz at the borderline, at a height of 3 m above ground, in 50% of the locations 10% of the time.

d) The use of the preferential and non-preferential channels does not require coordination between the administrations of the neighbouring countries.

e) Where (in the bands/sub-bands and the border areas) there are no distributions of preferential channels set by bi-/multilateral agreements between Romania and the neighbouring countries, the conditions set for non-preferential channels will be observed.

h) The operation of the GSM systems in the 900 MHz band has priority in front of the IMT/UMTS, LTE, WiMAX etc systems.

B) The UMTS systems in the 900 MHz band

a) When planning the use of the frequencies in areas close to Romania’s border for IMT/UMTS systems, the provisions of the Agreement concluded in Budapest, on 28 October 2010, Recommendation ECC (08)02, with the specifications below, will apply.

b) The uncoordinated case

This is the case when the assessment of the technology used on the territory of the neighbouring country is not required.

The IMT/UMTS base stations may use the 925-960 MHz frequency band if the mean field strength level produced by each carrier generated by a base station does not exceed the value of 33 dBµV/m/5 MHz at the borderline, at a height of 3 m above ground.

c) The coordinated case

If the operators from two neighbouring countries intend to use the UMTS systems in the common frequency blocks or in parts thereof, they may conclude the so-called arrangements between operators, while observing a minimum separation of 2.8 MHz between the centre frequency of a UMTS channel and the centre frequencies of the GSM channels used in the neighbouring countries.

If preferential codes are used or if the centre frequencies are not aligned, the mean field strength level produced by each carrier generated by a base station operating in the 925-960 MHz band may not exceed:

- 59 dBµV/m/5 MHz along the borderline between the two neighbouring countries, at a height of 3 m above ground;

- 31 dB μ V/m/5 MHz inside the neighbouring country, at the line located at a distance of 6 km away from the borderline, at a height of 3 m above ground.

If non-preferential codes are used and if the centre frequencies are aligned the mean field strength level produced by each carrier generated by a base station may not exceed:

- 31 dB μ V/m/5 MHz at the borderline between the two neighbouring countries, at a height of 3 m above ground.

d) In both b) and c) cases, the use of the frequencies does not require the coordination between the neighbouring administrations.

e) With a view to avoid harmful interferences and correspondingly adjust and verify the emission parameters of the base stations, the following propagation models, depending on the radiowave propagation way, will be applied to calculate the field strength level at the borderline:

- if the distance between the base station and the border is below 2 km or if the distance between the base station and the border exceeds 2 km and inside the first Fresnel area there is no obstacle, the propagation model based on the free space mitigation will be applied; the calculations will be made between the base station and the reception points along the borderline in the direction and in the area of the interference, for an antenna height at reception of 3 m above the ground.
- for any other situations than those described above, the propagation model under the "HCM Agreement" (ITU Recommendation P.1546 – Method for point-to-area predictions for terrestrial services in the frequency range 30 MHz to 3 000 MHz) will be applied, used for 10% of the time and 50% of the locations.

As for the harmful interferences, in a first stage, the technical parameters of the base stations need to be adjusted, in line with the calculation methods detailed above.

If, following this adjustment, the harmful interferences persist, the emission parameters of the interfering base station will be adjusted following measurements so as to observe the values specified for the maximum admissible interference field, a solution commonly agreed between the parties involved will be adopted to remove the harmful interference.

f) The operation of the UMTS systems in the 900 MHz band must ensure the interference protection of the GSM systems.

C) The LTE and WiMAX systems in the 900 MHz band

a) Uncoordinated case

In the uncoordinated case the assessment of the technology used on the territory of the neighbouring country is not required. The field strength level produced by each carrier generated by a base station may not exceed 33 dB μ V/m/5 MHz at the borderline, at a height of 3 m above ground.

If the system is using a nominal channel gap (B, in MHz) different from 5 MHz, the field threshold level will be defined by the relation: $33 + 10\lg(B/5)$ (dB μ V/m).

If, in a given location, multiple transmitters are used, the calculation will be made for the cumulated effect of the interferences.

b) With a view to avoid harmful interferences and verify the emission parameters of the base stations, the procedure specified in Section 3.3.4.4.2 B) point e) will be applied.

c) The operation of the LTE and WiMAX systems in the 900 MHz band must ensure the interference protection of the GSM systems.

3.3.4.4.3. Technical conditions of use in the 1800 MHz band in the border areas

A) The GSM systems in the 1800 MHz band

a) When planning the use of the frequencies in the 1800 MHz band in areas close to Romania's border, the operators will keep in mind the bilateral or multilateral agreements on the distribution of preferential frequencies, concluded with the communications administrations of the neighbouring countries, mentioned in the table below.

Table 19 Bilateral or multilateral agreements on the distribution of preferential frequencies

| Frequency band | Agreements / Protocols | Neighbouring countries with which agreements have been concluded | | | | |
|------------------------------|---|--|-----|-----|-----|-----|
| | | HNG | UKR | MDA | BUL | SRB |
| 1710-1785 / 1805-1880 MHz | 1) Protocol between ROU-SVK-UKR-HNG, Budapest, 18-22 October 1999 | X | X | | | |
| | 1) Protocol between HNG-ROU-SRB, Szeged, 13-16 November 2000 | X | | | | X |
| | 2) Technical agreement between AUT-HNG-HRV-ROU-SRB-SVK-SVN-UKR, Budapest, 28 October 2010 | X | X | | | X |

b) When GSM preferential channels in the 1800 MHz band are used, the field strength level produced by each carrier of a base station may not exceed the value of 25 dB μ V/m/200 kHz inside the neighbouring country, at the line found at a distance of 15 km away from the borderline, at a height of 3 m above ground, in 50% of the locations and 10% of the time.

c) When GSM non-preferential channels in the 1800 MHz band are used, the field strength level produced by each carrier of a base station may not exceed the value of 25 dB μ V/m/200 kHz at the borderline, at a height of 3 m above ground, in 50% of the locations and 10% of the time.

d) The use of both preferential and non-preferential channels does not require coordination between the administrations of the neighbouring countries.

e) In the absence of bi-/multilateral agreements establishing the preferential channels for Romania, the conditions set for the use of the non-preferential channels will be observed.

f) The operation of the GSM systems in the 1800 MHz band has priority in front of the IMT/UMTS, LTE, WiMAX etc. systems.

B) The UMTS systems in the 1800 MHz band

a) When planning the use of the frequencies in areas close to Romania's border for IMT/UMTS systems in the 1800 MHz band, the provisions of the Agreement concluded in Budapest, on 28 October 2010, Recommendation ECC (08)02, with the specifications below, will apply:

b) Uncoordinated case

In the uncoordinated case, the assessment of the technology used on the territory of the neighbouring country is not required. The mean field strength level produced by each carrier generated by a base station may not exceed the value of 39 dB μ V/m/5 MHz along the borderline, at a height of 3 m above ground.

c) Coordinated case

If the operators from two neighbouring countries intend to use the UMTS systems in the common frequency blocks or in parts thereof, they may conclude the so-called arrangements between operators, while observing a minimum separation of 2.8 MHz between the centre frequency of a UMTS channel and the centre frequencies of the GSM channels used in the neighbouring countries.

If preferential codes are used or if the centre frequencies of the channels are not aligned, the mean field strength level produced by each carrier generated by a base station operating in this band may not exceed:

- 65 dB μ V/m/5 MHz along the borderline between the two neighbouring countries, at a height of 3 m above ground;
- 37 dB μ V/m/5 MHz inside the neighbouring country, at the line located at a distance of 6 km away from the borderline, at a height of 3 m above ground.

If non-preferential codes are used and if the centre frequencies of the channels are aligned, the mean field strength level produced by each carrier generated by a base station operating in the 1805 – 1880 MHz band may not exceed:

- 37 dB μ V/m/5 MHz along the borderline between the two neighbouring countries, at a height of 3 m above ground.

d) In both b) and c) cases, the use of the frequencies does not require the coordination between the neighbouring administrations.

e) With a view to avoid harmful interferences and verify the emission parameters of the base stations, the procedure specified in Section 3.3.4.4.2 B) letter e) will be applied.

f) The operation of the UMTS systems in the 1800 MHz band must ensure the protection of the GSM systems from interference.

C) The LTE and WiMAX systems in the 1800 MHz band

a) Uncoordinated case

In the uncoordinated case, the assessment of the technology used on the territory of the neighbouring country is not required. The field strength level produced by each carrier generated by a base station may not exceed 39 dB μ V/m/5 MHz along the borderline, at a height of 3 m above ground.

If the system is using a nominal channel gap (B, in MHz) different from 5 MHz, the field threshold level will be defined by the relation: $39 + 10\lg(B/5)$ (dB μ V/m).

If, in a given location, multiple transmitters are used, the calculation will be made for the cumulated effect of the interferences.

b) With a view to avoid harmful interferences and verify the emission parameters of the base stations, the procedure specified in Section 3.3.4.4.2 B) point e) will be applied.

c) The operation of the LTE and WiMAX systems in the 900 MHz band must ensure the protection of the GSM systems from interference.

3.3.4.4.4. Technical conditions of use in the 2600 MHz band in the border areas

A. General rules

In the case of the IMT/LTE systems, the preferential cell identities need to be shared at the level of the Physical Cell Identifier (PCI) in accordance with Recommendation ECC/REC/(11)05. The allocation of codes is the one provided for in Annex 5 of Recommendation ECC/REC/(11)05.

In addition, it is desirable that operators coordinate the radio parameters of their own systems in order to minimise deteriorating effects of uplink interference in accordance with the aforementioned ECC Recommendation.

The field strength levels or the threshold levels specified in Sub-section B, letters a) and b) are related to a reference frequency block of 5 MHz width. The field strength threshold levels will modify in keeping with the bandwidth and correction factor of the aggregated strength, according to the formulae below. The modified values of the field strength threshold levels will be applied individually to each base station.

a) The correction factor in keeping with the bandwidth

If the channel nominal gap used by the system is different from 5 MHz, the correction factor in keeping with the bandwidth will be added to the field strength threshold level specified in section B letters a) and b), calculated as follows:

$$10 \times \log(C_s/5 \text{ MHz}) \text{ (dB)}$$

where "Cs" = the nominal gap between adjacent channels (MHz)

B. Use by FDD systems of the paired frequency bands 2500-2570 MHz / 2620-2670 MHz

a) General case

This is the case which does not require the examination of whether TDD/FDD systems are used in the neighbouring countries or of what any other technologies are used in these countries.

The base stations of the FDD systems may use the paired frequency bands 2500-2570 / 2620-2690 MHz without the coordination with the neighbouring countries, if the mean field strength produced by the base station transmitters in a cell (antenna sector) does not exceed 65 dB μ V/m/5 MHz at the borderline and, respectively, 37 dB μ V/m/5 MHz at a height of 3 m above ground, at a distance of 6 km away from the borderline, inside the neighbouring country.

b) The case of the deployment of LTE systems both sides of the border

In the case that LTE systems are deployed both sides of the border, the field strength level can be increased to 49 dB μ V/m/5 MHz at a distance of 6 km inside the neighbouring country, in

accordance with the provisions of Annex 1 of Recommendation ECC/REC/(11)05. These field strength threshold levels may be applied only if the operators involved in the use of these common FDD bands or sub-bands conclude an agreement to this end.

To calculate the field strength in the cases presented at points a) and b), the method set under the HCM Agreement (based on the ITU Recommendation P.1546 – Method for point-to-area predictions for terrestrial services in the frequency range 30 MHz to 3000 MHz) will be applied. A probability of 50% of locations and a probability of 10% of time will be taken into consideration.

c) Harmful interferences

If harmful interferences occur, the field level between the base stations/mobile stations and the reception points located on the borderline or at a distance of 6 km away from the borderline will be calculated in relation to the threshold levels specified at points a) and b) above and, depending on the radiowave propagation ways, the HCM model will be applied. A probability of time of 10% will be taken into consideration.

If the made calculations show that the field strength threshold levels have been exceeded, the characteristics of the base stations, including the necessary geographic separation, will be adjusted based on the results of the interference calculations.

If, following the adjustment of the base station characteristics, the harmful interferences persist, measurements will be made in accordance with the procedures agreed at the international level or on a bilateral basis.

C. Use of the unpaired frequency band 2570-2620 MHz for TDD systems in operation in both sides of the border

a) Case of the unsynchronized TDD networks

This is the case where the examination of the technology used in the neighbouring country is not necessary.

The base stations of the unsynchronized TDD systems are allowed to use the 2570-2620 MHz band without coordination with the neighbouring countries, if the mean field strength level produced by the base station transmitters in a cell (antenna sector) does not exceed 21 dB μ V/m/5 MHz at the borderline, at a height of 3 m above ground, for 50% of locations and 10% of time.

This threshold level will be applied if the operators do not agree otherwise upon the conclusion of an arrangement on the use synchronized TDD systems.

b) Case of the synchronized TDD networks

The base stations of the synchronized TDD systems are allowed to use the 2570-2620 MHz band without coordination with the neighbouring countries, if the mean field strength level produced by the base station transmitters in a cell (antenna sector) does not exceed 65 dB μ V/m/5 MHz at the borderline, and does not exceed 37 dB μ V/m/5 MHz at a distance of 6 km inside the neighbouring country, at a height of 3 m above ground, for 50% of locations and 10% of time.

In the case that LTE systems are used both sides of the border, the field strength level at 6 km from borderline can be increased to 49 dB μ V/m/5 MHz.

These field strength threshold levels may be applied only if the operators involved in the use of the TDD systems in the 2570-2620 MHz band conclude an arrangement to this end.

3.4. Licence transfer

The usage rights to be granted may be transferred in accordance with art. 35 of the Framework-Ordinance. Nevertheless, in case of a possible transfer of rights, the Authority will watch the observance of the objectives taken into account upon granting those rights. A series of limitations are to be therefore considered, as follows:

- the usage rights may be transferred to a third party, in total or in part, only based on the prior ANCOM approval, upon commitment towards all the obligations therefrom, as well as upon the observance of the conditions and objectives established or considered when the right had been granted;
- in case of a partial transfer of the rights, the licence holder may only transfer 5 MHz blocks;
- the transfer of the usage rights must not result in competition constraints, hindering or distortion; especially, the transfer of the usage rights must not be a way for eluding the limitations regarding the gaining of the usage rights or the rules regarding the participants' independence imposed during the selection procedure;
- in cases where the use of radio frequencies is harmonised at the European level, the transfer of the usage rights must not lead to changing the usage destination of the frequencies that are subject to the licence in such a way as to breach this harmonised usage.

3.5. Fees due by the licence holders

The persons participating in the selection procedure organised in view of awarding the usage rights for the radio frequencies in the 800 MHz, 900 MHz, 1800 MHz bands and, respectively, the 2600 MHz band, will take into consideration the following:

- the payment of the licence fee established during the competitive selection procedure under the conditions stipulated at art. 28 paragraph (2) of the Framework-Ordinance;
- the payment of the spectrum usage tariff, collected annually in accordance with art. 30 of the Framework-Ordinance and with Decision no. 686/2005 of the President of the Inspectorate General for Communications and Information Technology, with the subsequent amendments and completions.

3.6. Monitoring and control of the observance of the obligations under the licences. Sanctions

In principle, the coverage will be measured by two methods:

- the coverage of the territory and of the population, by calculation (simulation);
- the coverage of the main roads and localities, by measurement sessions.

These two methods are justified, on the one hand, by the impossibility to measure the entire territory of the country and, on the other hand, by the practical impossibility to simulate the coverage in the case of localities (case in which the buildings have a significant importance in the

propagation of the IMT signal). For the coverage of the main roads, although the simulated calculation of this coverage is also possible, the coverage measurement is more appropriate because it highlights the network quality parameter, as well.

Therefore, two types of instruments will be used to evaluate the IMT mobile networks:

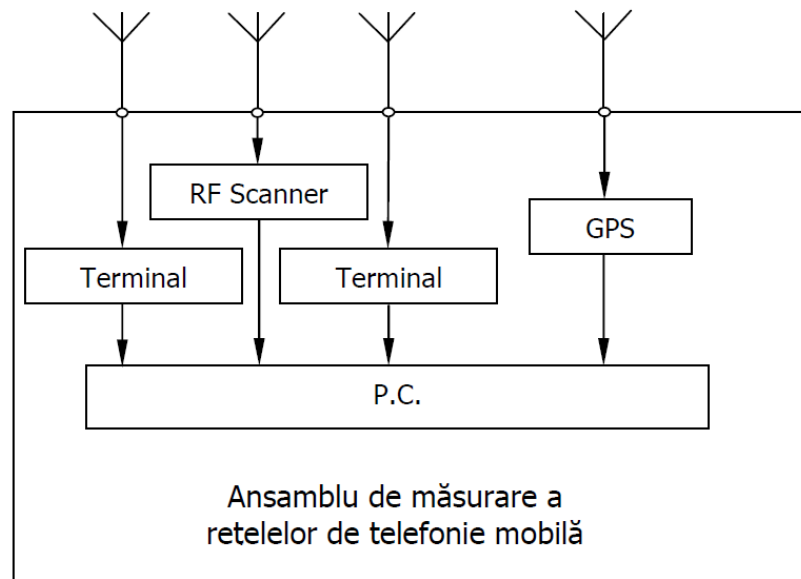
- equipment for measurements on the spot and
- software applications for analysis and evaluation

Equipment for measurements on the spot

This type of equipment is used for collecting data during the measurements made on the spot.

The figure below offers (for exemplification) a configuration of the **measuring ensemble**:

Figure 5 – Measuring ensemble (for mobile telephone networks)



The simulation of the coverage of the territory and of the population will be performed by using the data comprised in the operators' notifications corrected according to the situation found on the spot. The simulation will be performed by making use of a map with a 50 metre cluster and the propagation model described in Recommendation ITU-P 1546 for a probability of 50% of time and 50% of the territory for the propagation conditions specific to our country.

3.7. Licence amendment and revoking

The licences for the use of radio frequencies awarded through the selection procedure may be amended, upon ANCOM initiative, in accordance with the provisions under art. 24 paragraph (3) of the Framework-Ordinance, under the following conditions:

- the conditions regarding the effective, rational and efficient use of the radio frequencies are met;

- harmful interferences are avoided;
- the harmonised objectives at the European level and the international cooperation objectives related to the use of radio frequencies are implemented;
- the international agreements regarding the use of radio frequencies, to which Romania is a party, are observed;
- the situations of limited availability of the radio frequencies, in certain geographic areas and under specified technical conditions, in the radio frequency bands designated for the type of application destined to the provision of the network subject to the licence, are solved;
- the strategy on the development of electronic communications and management of the radio frequency spectrum are implemented;
- the NTFA is amended.

In case one of the situations above occurs, ANCOM will notify the holder of the usage rights regarding the amendments to be made and will grant a term for the implementation of these amendments that is proportionate to the qualitative or quantitative nature of the necessary amendments.

Moreover, ANCOM will also amend the licences for the use of the radio frequencies as a result of the occurrence of any of the below circumstances:

- usage rights transfer;
- partial waiver of the usage rights;
- partial waiver of the usage rights, if such is the case, in accordance with art. 27, art. 147 letter b) in conjunction with art. 141 paragraph (1) or in accordance with art. 148 of the Framework-Ordinance.

ANCOM may revoke the licences awarded through the selection procedure in the following cases:

- the total withdrawal of the radio frequencies usage rights, in accordance with art. 27, art. 147 letter b) in conjunction with art. 141 paragraph (1) or in accordance with art. 148 of the Framework-Ordinance;
- revoking of the right to use radio frequencies, in accordance with art. 6 paragraph (6) of the Framework-Ordinance.

Chapter 4 – The selection procedure

4.1. Available blocks and applicable restrictions

4.1.1. Description of the blocks offered during the procedure

The amount of radio spectrum and the position within the band corresponding to each licence are not fixed in advance but are the result of a two-stage competitive allocation mechanism:

- a first stage in which the participants compete for obtaining abstract frequency blocks, in one or in a number of bands, following which the amount of radio spectrum to be awarded to the individual participants will be determined (the primary rounds and, if applicable, the additional rounds of the auction stage, see Sections 4.7.1 and 4.7.2); and
- a second stage, at the end of which the allocation of concrete frequency blocks to the individual participants will take place, by individually positioning the abstract blocks, obtained in the previous phase, within the band (the assignment round of the auction stage, see Section 4.7.3).

The abstract and concrete frequency blocks are explained in greater detail below.

A total of 56 abstract frequency blocks (generic blocks), sub-divided into 7 categories (A-G), are put out to auction. A description of these categories, the corresponding frequency bands and the block sizes are given in the table below.

Table 20 Description of the abstract frequency blocks available within the selection procedure

| Category | Number of blocks | Band | Block size | Use |
|----------|------------------|-------------------------------------|------------|-------------------------|
| A | 6 | 791-821 / 832-862 MHz | 2 x 5 MHz | 06.04.2014 – 05.04.2029 |
| B | 5 | 890-915 / 935-960 MHz | 2 x 5 MHz | 01.01.2013 – 05.04.2014 |
| C | 7 | 880-915 / 925-960 MHz | 2 x 5 MHz | 06.04.2014 – 05.04.2029 |
| D | 6 | 1722.7-1752.7 MHz/1817.7-1847.7 MHz | 2 x 5 MHz | 01.01.2013 – 05.04.2014 |
| E | 15 | 1710-1785 / 1805-1880 MHz | 2 x 5 MHz | 06.04.2014 – 05.04.2029 |
| F | 14 | 2500-2570 / 2620-2690 MHz | 2 x 5 MHz | 06.04.2014 – 05.04.2029 |
| G | 3 | 2570-2615 MHz | 1 x 15 MHz | 06.04.2014 – 05.04.2029 |

The precise bandwidths and band limits of the assigned blocks will be determined exactly in the assignment round. The concrete frequency blocks (A1-A6, B1-B5, C1-C7, D1-D2, E1-E15, F1-F14, G1-G3, according to the table below) whose abstract allocation took place in the primary and/or additional rounds, will be assigned to each successful bidder in the assignment round.

Table 21 Description of the concrete frequency blocks available within the selection procedure

| Frequency band | Band code | Frequency block code | Bandwidth | Channel type (FDD/TDD) | Frequency range (uplink/downlink, in MHz) |
|--|-----------|----------------------|-----------|------------------------|---|
| 800 MHz (licensing for the period 06.04.2014 – 05.04.2029) | A | A1 | 2x5MHz | FDD | 791 – 796/ 832 – 837 |
| | | A2 | 2x5MHz | FDD | 796 – 801/ 837 – 842 |
| | | A3 | 2x5MHz | FDD | 801 – 806/ 842 – 847 |
| | | A4 | 2x5MHz | FDD | 806 – 811/ 847 – 852 |
| | | A5 | 2x5MHz | FDD | 811 – 816/ 852 – 857 |
| | | A6 | 2x5MHz | FDD | 816 – 821/ 857 – 862 |
| 900 MHz (licensing for the period 01.01.2013 – 05.04.2014) | B | B1 | 2x5MHz | FDD | 890.1 – 895.1/ 935.1 – 940.1 |
| | | B2 | 2x5MHz | FDD | 895.1 – 900.1/ 940.1 – 945.1 |
| | | B3 | 2x4.8MHz | FDD | 900.1 – 904.9/ 945.1 – 949.9 |
| | | B4 | 2x5MHz | FDD | 904.9 – 909.9/ 949.9 – 954.9 |
| | | B5 | 2x5MHz | FDD | 909.9 – 914.9/ 954.9 – 959.9 |
| 900 MHz (licensing for the period 06.04.2014 – 05.04.2029) | C | C1 | 2x5MHz | FDD | 880.1 – 885.1/ 925.1 – 930.1 |
| | | C2 | 2x5MHz | FDD | 885.1 – 890.1/ 930.1 – 935.1 |
| | | C3 | 2x5MHz | FDD | 890.1 – 895.1/ 935.1 – 940.1 |
| | | C4 | 2x5MHz | FDD | 895.1 – 900.1/ 940.1 – 945.1 |
| | | C5 | 2x5MHz | FDD | 900.1 – 905.1/ 945.1 – 950.1 |
| | | C6 | 2x5MHz | FDD | 905.1 – 910.1/ 950.1 – 955.1 |
| | | C7 | 2x4.8MHz | FDD | 910.1 – 914.9/ 955.1 – 959.9 |
| 1800 MHz (licensing for the period 01.01.2013 – | D | D1 | 2x5MHz | FDD | 1722.7 – 1727.7/ 1817.7 – 1822.7 |
| | | D2 | 2x5MHz | FDD | 1727.7 – 1732.7/ 1822.7 – 1827.7 |

| Frequency band | Band code | Frequency block code | Bandwidth | Channel type (FDD/TDD) | Frequency range (uplink/downlink, in MHz) |
|---|-----------|----------------------|-----------|------------------------|---|
| 05.04.2014) | | D3 | 2x5MHz | FDD | 1732.7 – 1737.7/ 1827.7 – 1832.7 |
| | | D4 | 2x5MHz | FDD | 1737.7 – 1742.7/ 1832.7 – 1837.7 |
| | | D5 | 2x5MHz | FDD | 1742.7 – 1747.7/ 1837.7 – 1842,7 |
| | | D6 | 2x5MHz | FDD | 1747.7 – 1752.7/ 1842.7 – 1847.7 |
| 1800 MHz (licensing for the period 06.04.2014 – 05.04.2029) | E | E1 | 2x5MHz | FDD | 1710.1-1715.1/1805.1-1810.1 |
| | | E2 | 2x5MHz | FDD | 1715.1-1720.1/1810.1-1815.1 |
| | | E3 | 2x5MHz | FDD | 1720.1-1725.1/1815.1-1820.1 |
| | | E4 | 2x5MHz | FDD | 1725.1-1730.1/1820.1-1825.1 |
| | | E5 | 2x5MHz | FDD | 1730.1-1735.1/1825.1-1830.1 |
| | | E6 | 2x5MHz | FDD | 1735.1-1740.1/1830.1-1835.1 |
| | | E7 | 2x5MHz | FDD | 1740.1-1745.1/1835.1-1840.1 |
| | | E8 | 2x5MHz | FDD | 1745.1-1750.1/1840.1-1845.1 |
| | | E9 | 2x5MHz | FDD | 1750.1-1755.1/1845.1-1850.1 |
| | | E10 | 2x5MHz | FDD | 1755.1-1760.1/1850.1-1855.1 |
| | | E11 | 2x5MHz | FDD | 1760.1-1765.1/1855.1-1860.1 |
| | | E12 | 2x5MHz | FDD | 1765.1-1770.1/1860.1-1865.1 |
| | | E13 | 2x5MHz | FDD | 1770.1-1775.1/1865.1-1870.1 |
| | | E14 | 2x5MHz | FDD | 1775.1-1780.1/1870.1-1875.1 |
| | | E15 | 2x4.8 MHz | FDD | 1780.1-1784.9/1875.1-1879.9 |
| 2600 MHz for the paired spectrum (FDD) | F | F1 | 2x5MHz | FDD | 2500 – 2505/ 2620 – 2625 |
| | | F2 | 2x5MHz | FDD | 2505 – 2510/ 2625 – 2630 |
| | | F3 | 2x5MHz | FDD | 2510 – 2515/ 2630 – 2635 |

| Frequency band | Band code | Frequency block code | Bandwidth | Channel type (FDD/TDD) | Frequency range (uplink/downlink, in MHz) |
|---|-----------|----------------------|-----------|------------------------|---|
| (licensing for the period 06.04.2014 – 05.04.2029) | | F4 | 2x5MHz | FDD | 2515 – 2520/ 2635 – 2640 |
| | | F5 | 2x5MHz | FDD | 2520 – 2525/ 2640 – 2645 |
| | | F6 | 2x5MHz | FDD | 2525 – 2530/ 2645 – 2650 |
| | | F7 | 2x5MHz | FDD | 2530 – 2535/ 2650 – 2655 |
| | | F8 | 2x5MHz | FDD | 2535 – 2540/ 2655 – 2660 |
| | | F9 | 2x5MHz | FDD | 2540 – 2545/ 2660 – 2665 |
| | | F10 | 2x5MHz | FDD | 2545 – 2550/ 2665 – 2670 |
| | | F11 | 2x5MHz | FDD | 2550 – 2555/ 2670 – 2675 |
| | | F12 | 2x5MHz | FDD | 2555 – 2560/ 2675 – 2680 |
| | | F13 | 2x5MHz | FDD | 2560 – 2565/ 2680 – 2685 |
| | | F14 | 2x5MHz | FDD | 2565 – 2570/ 2685 – 2690 |
| 2600 MHz for the unpaired spectrum (TDD) (licensing for the period 06.04.2014 – 05.04.2029) | G | G1 | 1x15MHz | TDD | 2570 – 2585 |
| | | G2 | 1x15MHz | TDD | 2585 – 2600 |
| | | G3 | 1x15MHz | TDD | 2600 – 2615 |

4.1.2. Reserve price for the blocks (minimum licence fee) and eligibility points

There is a reserve price attached to each block, as well as a number of eligibility points.

The reserve price is equal to the minimum licence fee for each block.

The eligibility points are quotations of the frequency blocks subjected to the procedure, fulfilling the role of “circulating medium” at the time of gaining the usage rights for the respective blocks. Once with the submission of the initial bid form and of the participation bond, the bidders “acquire” a certain budget of eligibility points, which corresponds to a maximum amount of abstract (non-individualised) frequencies, in any band, for which a bidder may submit a bid during the auction. The eligibility is therefore a vocation for the gaining of the usage rights over an amount of frequencies and may be amended in the course of the auction, according to the activity rules (Section 4.7.1). A bidder’s eligibility in a certain round means the number of eligibility points the bidder holds in that round, defining that bidder’s vocation for gaining the amount of abstract frequencies corresponding to that number of points, should the auction end in the respective round.

The table below summarizes the reserve prices and the eligibility points for the A to G categories.

Table 22 Reserve prices and eligibility points for the frequency blocks available within the selection procedure

| Category | Band | Block size | Validity | Reserve price/block (minimum licence fee) (euro) | Eligibility points/block |
|----------|----------|------------|-------------------------|--|--------------------------|
| A | 800 MHz | 2 x 5 MHz | 06.04.2014 – 05.04.2029 | 35,000,000 | 175 |
| B* | 900 MHz | 2 x 5 MHz | 01.01.2013 – 05.04.2014 | 3,400,000 | 17 |
| C* | 900 MHz | 2 x 5 MHz | 06.04.2014 – 05.04.2029 | 40,000,000 | 200 |
| D | 1800 MHz | 2 x 5 MHz | 01.01.2013 – 05.04.2014 | 800,000 | 4 |
| E* | 1800 MHz | 2 x 5 MHz | 06.04.2014 – 05.04.2029 | 10,000,000 | 50 |

| | | | | | |
|---|----------|------------|-------------------------|-----------|----|
| F | 2600 MHz | 2 x 5 MHz | 06.04.2014 – 05.04.2029 | 4,000,000 | 20 |
| G | 2600 MHz | 1 x 15 MHz | 06.04.2014 – 05.04.2029 | 3,000,000 | 15 |

The reserve prices and the eligibility points in the table for the categories B< C and E are also valid for the block of 2 x 4.8 MHz

4.1.3. Limitations as to the acquirement of the usage rights

The usage rights a bidder will be able to gain following the selection procedure are limited as follows:

- a) The total maximum amount of radio frequencies in the 900 MHz band for which a bidder may acquire usage rights following the selection procedure for the period 01.01.2013 – 05.04.2014, in Romania, is 2x15 MHz;
- b) The total maximum amount of radio frequencies in the 800 MHz and 900 MHz bands (cumulated) for which a bidder may acquire usage rights following the selection procedure for the period 06.04.2014 – 05.04.2029, in Romania, is 2x20 MHz;
- c) The total maximum amount of radio frequencies in the 800 MHz band for which a bidder may acquire usage rights following the selection procedure for the period 06.04.2014 – 05.04.2029, in Romania, is 2x15 MHz; and
- d) The total maximum amount of radio frequencies in the 900 MHz band for which a bidder may acquire usage rights following the selection procedure for the period 06.04.2014 – 05.04.2029, in Romania, is 2x15 MHz.

In the calculation of the aforementioned maximum radio spectrum amounts, the radio frequencies for which the bidders hold a usage right valid on the date forecasted for the entry into force of the licences awarded following this selection procedure, regardless of how these were obtained (previous licensing procedures or licence transfer), are included.

In view of the verification of the compliance with the caps imposed under this Section, the usage rights held by other persons in the same group with the bidder's are also considered; the notion of group has the meaning specified in Section 4.3.1.

4.2. Overview of the procedure

4.2.1. Procedure launch

The selection procedure will be launched upon the publication of an auction notice on the ANCOM website (www.ancom.org.ro). The form and content of the notice are established by ANCOM.

4.2.2. Stages of the procedure

The competitive selection procedure is structured in four stages:

- Application stage;
- Qualification stage;
- Auction stage;
- Licence awarding stage.

4.2.3. Calendar of the procedure

A guiding calendar of the selection procedure is provided for in Table 23 below.

Table 23 Guiding calendar of the selection procedure

The terms provided for in this table may be extended by ANCOM depending on the needs or may be outrun in case the term reserved for one of the ANCOM activities may be reduced. The time intervals corresponding to bidders' actions may not be reduced.

| Activity | Term |
|--|---------------------------------------|
| Publication of the auction notice and of the Terms of Reference (final version) | X |
| Deadline for the submission of clarification requests concerning the selection procedure | X+2 weeks |
| Publication of the answers to the clarification requests | 7 days from each request |
| Deadline for receiving the applications (including the participation bond) | X+4 weeks |
| Presentation of the qualified/not-qualified applications | X+5 weeks |
| Lodging of complaints | 2 days from the qualification notice |
| Settlement of complaints | 3 days from the lodging of complaints |
| Announcement concerning the need to hold the auction | X+6 weeks |

| Activity | Term |
|---|--------------------------|
| stage, as well as the starting dates of the primary rounds <u>or</u> Announcement of the fact that the primary rounds of the auction are not required, as well as announcement of the successful bidders of the abstract blocks and of the starting dates of the additional rounds <u>or</u> Announcement of the fact that the primary and/or additional rounds of the auction are not required, as well as announcement of the successful bidders of the abstract blocks and of the date of the assignment round | |
| Information session on the auction rules and functioning of the support electronic system, dedicated to bidders | X+7 weeks |
| Auction launch | X+8 weeks |
| Closing of the primary and/or additional rounds | Y (\geq X+8 weeks) |
| Assignment round | Y+3 days |
| Presentation of the outcomes of the procedure | Y+1 week |
| Deadline for awarding the licences: - The blocks in the B and D categories - The blocks in the A, C, E, F and G categories | 30.11.2012 31.07.2013 |

" \leq " – "smaller or equal"

" \geq " – "higher or equal"

4.3. Rules concerning the participation in the selection procedure

Only the persons who purchased the present Terms of Reference may participate in the selection procedure. The price of the Terms of Reference is 4500 lei. The Terms of Reference may be obtained from the ANCOM headquarters at 2 Delea Noua Street, Sector 3, Bucharest or, upon buyer's request, may be sent to that buyer in physical or electronic format, upon presentation by the interested person of:

- the document certifying the payment of a non-reimbursable amount of 4500 lei, representing the countervalue for the Terms of Reference, either at the ANCOM pay desk at 2 Delea Noua Street, Sector 3, Bucharest or in the ANCOM account no. RO03TREZ7005025XXX000274 opened with the Activity of Treasury and Public Accountancy of Bucharest, whereas the payment order must specify

ANCOM as the **Beneficiary** and that the payment represents the countervalue for the Terms of Reference;

- the mandate, in original, of the person delegated to take the Terms of Reference.

By submitting the frequency allocation application, the participant unconditionally and irrevocably accepts the rules concerning the participation in the selection procedure described in Sections 4.3.1-4.3.5, as well as the applicable sanctions in the event of breaching these rules, specified in Section 4.3.6.

4.3.1. Rules on the participants' independence

A candidate/bidder that is a member of the group of another candidate/bidder may not take part in the selection procedure.

In view of enforcing this rule, the notion "group of the candidate/bidder" has the meaning set, for the purposes of verifying the economic concentrations, in the Instructions on the concepts of economic concentration, involved company, full operation and turnover issued by the Competition Council, implemented by Order no. 386/2010 of the Competition Council's president. In this respect, the notion "group of the candidate/bidder" is defined as including the following entities:

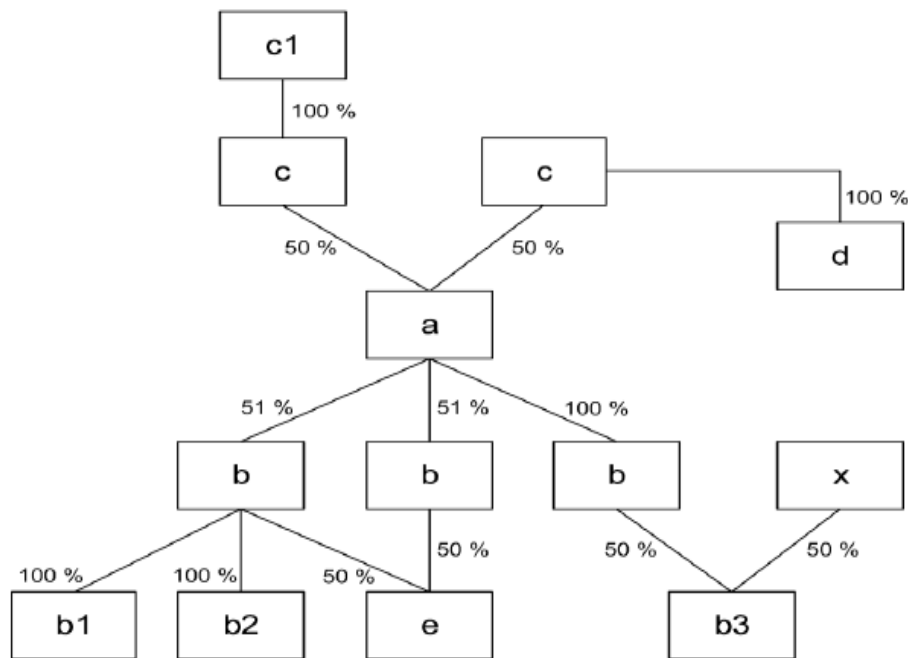
- a) the candidate/bidder;
- b) the companies in which the candidate/bidder, directly or indirectly:
 - (i) holds more than half of the social capital or of the operating capital; or
 - (ii) has the competence to exercise more than half of the voting rights; or
 - (iii) has the competence to name more than half of the members of the supervision board or of the management board; or
 - (iv) has the competence to name more than half of the members of the bodies which legally act on behalf of the respective companies or has the right to lead the activities of the respective companies;
- c) the companies which hold within the candidate/bidder the rights or competences specified under letter b);
- d) the companies within which a company of the ones provided for under letter c) holds the rights or competences specified at letter b);
- e) the companies within which two or more of the companies provided for under letters a)-d) hold together the rights or competences specified at letter b).

The competences specified under letter b) may derive from a *de jure* situation (constitutive act, contractual agreements etc.) or a *de facto* situation (the competences are exercised *de facto*, in the absence of certain provisions).

The right to lead the activity of the company may result, among others, from holding the voting rights (standalone or in combination with contractual agreements, such as the shareholders' agreement) which allows for establishing the strategy of a company, based on certain rightful stable elements. The right to lead also includes the situations where the candidate/bidder holds, alongside third parties, the right to manage the activity of a joint company.

The figure below provides a graphical exemplification of the notion "group of the candidate/bidder".

Figure 6 Example of structure of the group of a candidate/bidder



Legend of the represented categories:

a = candidate/bidder;

b = subsidiaries of the candidate/bidder;

b1, b2 = subsidiaries of the companies in category "b";

b3 = companies jointly held by the "b" category companies with third parties;

c = parent companies of the candidate/bidder;

c1 = parent companies of the companies in category "c";

d = other subsidiaries of the companies in category "c";

e = companies jointly held by two or more companies in a group;

x = third party.

4.3.2. Rules relating to agreements between the participants

The conclusion of, or the attempt to conclude, any agreements between the participants in relation to the selection procedure, during the procedure or previously to the procedure being held, is forbidden.

The scope of this interdiction covers the agreements between the candidates/bidders themselves and the agreements involving members of the groups of different candidates/bidders.

4.3.3. Rules relating to the confidentiality of information

The participants are forbidden to disclose confidential information to other participants or third parties, during the procedure or previously to the procedure being held.

The scope of this interdiction covers the disclosure of confidential information by, respectively to, the candidates/bidders themselves and by, respectively to, members of the group of a candidate/bidder.

For the purpose of enforcing this rule, "confidential information" means the information of any kind which concerns, directly or indirectly, the strategy of a participant within the selection procedure or any bid which a participant submitted or intends to submit within the procedure, regardless of the support of such information.

4.3.4. Rules relating to the participants' conduct

During the selection procedure, the participants will refrain from any actions that might affect the procedure holding or its outcomes, including, for instance:

- a) the attempt to influence the members of the Commission, to hinder in any way the decisions of the Commission, or to influence or hinder the actions of other participants in the procedure;
- b) the attempt to contact the members of the Commission in other way or on other issues than those specified in Sections 5.1.4, 5.1.5 and 5.1.7, from the moment

- when the envelopes containing the application files are opened and until the moment of awarding the licences;
- c) any conduct which constitutes a threat for or an intimidation to the other participants or the members of the Commission, irrespective of the pursued goal;
 - d) the perturbation of the holding in good conditions of the bidding rounds during the auction stage etc.

4.3.5. Rules relating to the submission of information to the Commission

At any time during the selection procedure, the Commission may request any participant any clarifications, documents or information, indicating as well the deadline by which these must be submitted, in view of establishing or clarifying the actual situation which:

- a) grounds or grounded the qualification of a candidate; or
- b) might lead to the finding of certain breaches by one or more participants of the rules provided for in Sections 4.3.1-4.3.4 above.

The participants have the obligation to comply with the information requests addressed by the Commission, within the term established by the latter. Considering the importance of ensuring the integrity of the selection process, the terms granted by the Commission may sometimes be very short, in order to allow maintaining or rapidly re-establishing the normal course of the procedure and/or to prevent the destruction of certain evidence.

Furthermore, the participants have the obligation to provide truthful, accurate and complete information in the application file as well as anytime during the procedure. In the event of changes in the information grounding the qualification, occurred subsequently to a candidate's qualification, the candidate/bidder concerned, as well as any other participant to the procedure aware of the respective changes, has the obligation to notify at once the Commission on the respective changes. The Commission has the right to analyse the respective changes and to reconsider the decision on the participant's admission, if the respective changes involve an alteration of the actual situation which grounded the qualification decision.

4.3.6. Applicable sanctions

If, during the selection procedure, the Commission discovers breaches of the rules specified in Sections 4.3.1-4.3.5 above, the Commission will disqualify from the procedure all the participants involved and will withhold the participation bond submitted by these participants. If the breach of the rules under Section 4.3.1 is discovered during the qualification stage, then the rules mentioned in Section 4.6.2 will apply.

If the breach of the aforementioned rules is discovered after the issuance of the licences for the use of radio frequencies, ANCOM may revoke the licences awarded to the participants involved and/or may withhold the participation bonds they submitted, as applicable.

4.4. Participation bond

4.4.1. Form of the bond

The participation bond is set up as a letter of bank guarantee issued by a banking company or as a guarantee tool issued by an insurance company, and is submitted in original within the application file, in the amount provided for in Section 4.4.2 and for the period specified in Section 4.4.3.

The bond must be irrevocable.

The letter of bank guarantee or the guarantee tool must provide that the payment of the bond will be executed unconditionally, respectively upon the first request of ANCOM, based on the latter's declaration with regard to the bidder's classification in one of the bond execution cases presented in Section 4.4.4.

The participation bond will be set up in the format available under Annex no.4.

4.4.2. Value of the bond

The value of the bond is 50% of the price of the initial bid, established according to Section 4.5.3 and included in the frequency allocation application submitted as part of the application file.

4.4.3. Validity of the bond

The participation bond will be valid at least between the date when the application file is submitted and:

- a) 31.12.2012, if the initial bid contains exclusively blocks from the B or D categories;
- b) 31.08.2013, if the initial bid contains at least one block in the A, C, E, F or G categories.

4.4.4. Cases of bond withhold

The purpose of the participation bond is to protect ANCOM in the event of an improper conduct of the participants during the procedure and to ensure in particular that:

- a) the licence fee owed by the winning bidders is paid for all the frequency blocks awarded following the selection procedure, and the corresponding licences are issued;
- b) the candidates/bidders observe the rules concerning the participation in the selection procedure.

The participation bond is withheld in the following cases:

- a) if the winning bidder does not pay in due time the owed final price representing the licence fee;
- b) if the winning bidder waives the right to be awarded the licence for the use of radio frequencies;
- c) if a candidate/bidder breaches the rules concerning the participation in the selection procedure, set out in Sections 4.3.1-4.3.5 herein.

4.4.5. Return of the bond

The participation bond is returned to the participants in the selection procedure, to the extent no withholds in the sense of Section 4.4.4 were made, as follows:

- a) to the candidates that failed to qualify to the superior stages of the selection procedure, within 30 days from the communication on the candidature rejection;
- b) to the bidders that did not gain radio frequency usage rights following the procedure, within 30 days from the date when the Commission communicates the closing of the auction stage;
- c) the bidders that gained radio frequency usage rights following the procedure for those blocks whose reserve prices, taken together, are below the price of the initial bid, may obtain, upon request, after the final price according to Section 4.8.1 letter a) is communicated, the reduction of the participation bond to 50% of the reserve price for the blocks won; in such case, the provisions under letter d) below will apply with regard to the participation bond thus reduced;
- d) to the bidders that gained radio frequency usage rights following the procedure, within 30 days from the payment of the licence fees, as follows:
 - (i) in the case of the bidders that gained radio frequency usage rights only for blocks from the B and D categories, the participation bond will be returned in its entirety within 30 days from the payment of the entire amount of the final price communicated according to Section 4.8.1 letter a);
 - (ii) in the case of the bidders that gained radio frequency usage rights only for blocks from the A, C, E, F and G categories, the participation bond will be

returned in its entirety within 30 days from the payment of the entire amount of the final price communicated according to Section 4.8.1 letter a);

- (iii) the bidders that gained radio frequency usage rights for both blocks in the B and D categories and blocks in the A, C, E, F and G categories will be able to obtain, upon request, after paying the licence fees for the blocks gained in the B and D categories, calculated according to Section 4.8.2 letter c) point (i), the reduction of the participation bond to 50% of the reserve price for the blocks won in the A, C, E, F and G categories; the bond thus reduced is then returned within 30 days after the payment of the price difference calculated according to Section 4.8.2 letter c) point (ii).

In view of enforcing the provisions under letter c) and letter d) point (iii) above, the bidders will need to present, alongside the mentioned request, a letter of bank guarantee or a guarantee tool for the reduced value indicated at the specified point, and the initial bond will be returned within 30 days from the date when ANCOM receives the request.

4.5. Application submission stage

4.5.1. Application file

During this stage, the interested persons must submit to ANCOM an application file. Once the file submitted, the person concerned becomes a *candidate*, a quality which the respective person keeps until the decision on the admission to the superior stages of the selection procedure (when the candidate becomes a *bidder*) is communicated, or until the decision on the rejection of the candidature (when the respective person is eliminated from the procedure) is communicated.

The application file must contain the following documents:

- a) documents presenting the candidate's standing;
- b) the frequency allocation application (the initial bid);
- c) the candidate's project;
- d) the letter of bank guarantee.

These documents will be presented in detail in Sections 4.5.2-4.5.5 below.

4.5.2. Documents presenting the candidate's standing

The application file will contain the following documents presenting the candidate's standing:

- a) the authenticated power of attorney granted to the natural persons acting on behalf of the candidate, which is to certify that the respective person is authorised to engage the candidate during the selection procedure and is to show the limits of the respective power of attorney;
- b) the acknowledging certificate (in original) issued by the National Trade Register Office (or other similar body from abroad) at most 30 days before the date of submitting the bid, which shows at least:
 - (i) the legal identification attributes;
 - (ii) the company life duration;
 - (iii) the main and secondary (if applicable) object of activity;
 - (iv) the value and structure of the social capital;
 - (v) the administrators/managers/representatives/mandated persons, clearly mentioning the duration of the mandate of the company's representative;
 - (vi) the non-existence of a dissolution procedure either voluntary, juridical or following the enforcement of the insolvency procedures;
 - (vii) the status of the company;
- c) the registration certificate issued by the National Trade Register Office or other similar body from abroad;
- d) the candidate's constitutive act (company contract and/or statutes), in a consolidated updated form (including all changes to date);
- e) the structure of the candidate's group, which must include the names and addresses of all the companies enlisted at letters a)-e) in Section 4.3.1, as well as the connections between them, graphically represented according to the scheme depicted in Figure 3;
- f) the certificate of fiscal acknowledgement of the compliance with the exigible payment obligations to the state budget, the social insurance budgets and special tax funds, contributions and other revenues, issued according to the legal regulations in force (in original);
- g) the financial statements for the last 3 years, approved under the law, according to the accounting standard applied;
- h) the authenticated statement of the candidate's legal representative regarding the capacity as a participant in the selection procedure (in original) (Annex 1).

For the foreign legal persons the above documents will be legalised and authenticated according to the provisions of the Hague Convention of 5 October 1961 abolishing the requirement of legalisation for foreign public documents for the signatory states, or according to the international law rules applicable to the other states, in a legalised translation into Romanian.

Special conditions for foreign legal persons:

- if the national legislation and the institutional system in the bidder's native country allow the precise fulfilment of the requirement, the bidder will provide the requested information in the imposed form;
- if the national legislation and the institutional system in the bidder's native country allow for obtaining this information from one or several relevant authorities, without the possibility to present it in a single document, the requirement will be deemed fulfilled upon the submission of several documents;
- if the national legislation and the institutional system in the bidder's native country do not allow for obtaining certain information from a relevant authority, this information will be presented in the constitutive act, where such information is comprised within this act, or by means of equivalent documents to those requested, upheld by a legal opinion elaborated by a form of exertion of the lawyer profession in the native country, which would have a professional liability insurance worth more than 20,000,000 euros, addressed to ANCOM, to certify that the submitted document is equivalent to the one requested in the present Section. In this situation, if the national legislation and the institutional system in the bidder's native country do not allow for obtaining certain information from a relevant authority, a statement on own liability concerning the legal impossibility to submit the information requested in the Terms of Reference is required.

As for associations, each of the members of the association must submit the documents enlisted at letters b)-h) above. The document under letter a) will be submitted by the representative of the association.

The associations must present an association agreement concluded between all the members of the association. This agreement will be presented in an authentic form and will contain at least the following elements:

- a) the names of the members of the association and the share of each of the members within the association;
- b) the legal person, member of the association, which represents the association within the present procedure;
- c) the firm engagement of all the association's members in view of submitting a joint bid during the selection procedure and in view of granting unconditional financial and/or technical support to the legal person that will be issued the licence;
- d) the validity period of the association agreement; this is not to cease before 06.04.2014.

In cases where the original documents are not requested, the candidate will present a legalised copy or a copy of the documents certified by the candidate for the conformity with the original.

4.5.3. The frequency allocation application (the initial bid)

The frequency allocation application will be completed in the form provided for in Annex 2 hereto and represents the initial bid of the candidate, should the latter be admitted to the superior stages of the selection procedure, following the qualification stage.

In view of completing the frequency allocation application, the candidate will select the number of blocks it wishes to acquire in each of the A to G categories, using the multiple answer boxes available in the table included in the frequency allocation application. The candidate must select minimum one block in at least one of the A to G categories and must observe the limitations as to the acquirement of the usage rights mentioned in Section 4.1.3; its candidature is otherwise rejected.

The price of the initial bid is established as follows:

- a) for each category, the number of blocks in that category included in the bid will be multiplied by the reserve price for that category (minimum licence fee), specified under Section 4.1.2; and
- b) the values determined according to letter a) will be summed up for all the block categories.

The initial bid must be firm, definitive, irrevocable, unconditional and valid at least until:

- a) 30.11.2012, if the initial bid contains exclusively blocks in the B or D categories;**
- b) 31.07.2013, if the initial bid contains at least one block in the A, C, E, F or G categories.**

Alternative bids are not accepted.

4.5.4. The candidate's project

The application file will contain the description of the project of network development and electronic communications service provision that the candidate plans to implement based on the rights to use the frequencies indicated in the initial bid. This description will follow the structure below:

Calendar for the network development

The candidate will provide a general description of the network development plan, which will be grounded on the frequency demand indicated in the initial bid and will reflect the way in which the development obligations are to be observed, in the case of those frequencies for which such obligations are to be imposed under the licence (according to Chapter 3).

The candidate will indicate all the premises and calculation bases (including the budget of the link between the base station and the mobile terminal for uplink and downlink) which were applied for fulfilling the coverage obligations.

The candidate will provide maps on physical support and in electronic format (.jpeg), to show the requested coverage.

Furthermore, the candidate will describe the way of calculation of the corresponding coverage.

4.5.5. Letter of bank guarantee

The application file will contain the letter of bank guarantee, in original, in the form and amount provided for in Section 4.4, according to the model in Annex 4.

4.5.6. Elaboration and submission of the application file

4.5.6.1. Language of the documents

All the application documents will be elaborated in Romanian, including the annexes. Nevertheless, in the case of the annual reports of the companies or of the technical documentations, although the provision of a version in Romanian is preferable, the candidates may present only a version in English, if available.

4.5.6.2. Form of the documents

The representative authorised to engage the candidate has the obligation to number and sign each page of the application file (original and copies), as well as to attach a contents of the documents submitted. As for the documents issued by official institutions/bodies authorised therefor, the respective documents must be signed and sealed according to the legal provisions. Any deletion, addition, interlining/underlining or overwriting are valid only if endorsed by the person authorised to sign the documents.

The application file will be submitted in original and in two copies on hardcopy, certified by the candidate, as well as in electronic format, on CD with full rights for the use of files, in Microsoft Word and/or Microsoft Excel format. The original copy will be signed by the representative authorised to engage the candidate.

If the application file contains confidential information, the contents will be provided in a separate annex, the candidate explicitly signalling that the respective information is confidential. ANCOM will keep confidential this information to the extent the information is not considered public under the law.

The application file must not contain more than 100 pages written with fonts of 12, the copies of the requested documents not being included. The tables are included in the 100 pages.

4.5.6.3. Envelope sealing and marking

The candidate must seal the original and the copies in separate envelopes, marking the envelopes correspondingly with the wordings "ORIGINAL" and, respectively, "COPY". The envelopes will be introduced in a non-transparent and adequately closed exterior envelope. The exterior envelope must be marked with the inscription "**Application file for the participation in the selection procedure for the award of the LICENCE for electronic communications networks and services in the 800, 900, 1800 and 2600 MHz bands**", the ANCOM address, the name and address of the candidate and the wording "DO NOT OPEN BEFORE [...],[...] HOURS". If the **exterior envelope** is not marked according to the aforementioned provisions, ANCOM is not liable for the mislaid documents or for the delayed reception of the documents.

The candidate will cover all the costs incurred by the elaboration and submission of its application file, and ANCOM will not be in any way liable for the payment of these costs, irrespective of the development or outcome of the selection procedure.

4.5.6.4. Transmission and reception of the application file

The application file will be transmitted by post with confirmation of receipt or will be submitted personally to the ANCOM headquarters at 2 Delea Noua Street, Sector 3, Bucharest, and must be received by ANCOM until [...], [...] hours ("deadline for receiving the applications"), Romania's time. The files received by ANCOM after the deadline set for receiving the applications will not be taken into consideration and are to be returned unopened to the address mentioned on the envelope. The candidate must

take all measures in order to make sure that its file is received by ANCOM no later than the deadline set for receiving the applications, and will assume all the risks related to the transmission of the dossier, including force majeure.

ANCOM reserves the right to extend the deadline set for receiving the applications and, correspondingly, the date set for opening the envelopes containing the application files, case in which it will communicate the new deadline set for receiving the applications and, respectively, the new date set for opening the envelopes containing the application files, on its website (www.ancom.org.ro), at least 10 days before the initial deadline.

4.5.6.5. Modification of the application file

Any bidder has the right to modify or withdraw its application file only prior to the deadline set for receiving the applications and only by written request therefor, received by ANCOM before the deadline set for receiving the applications. While elaborating and submitting the modified documents, the candidate will need to observe the instructions provided for in Sections 4.5.6.1-4.5.6.4, with the amendment that the exterior envelope will necessarily be marked with the wording **“MODIFICATIONS”**. If the candidate withdraws its application file after the deadline set for reception, the participation bond will not be returned.

4.5.6.6. Opening of the envelopes containing the application file

The envelopes containing the application files will be opened by the Commission, on [...], at the ANCOM headquarters in 2 Delea Noua Street, Sector 3, Bucharest.

4.5.6.7. Clarification requests

The interested persons may address to ANCOM requests for clarifications, in writing, at ANCOM headquarters in 2 Delea Noua Street, Sector 3, Bucharest, for the attention of the **Auction Commission for 800-900-1800-2600 MHz bands**, or in electronic format, having included, attached or logically associated, an extended electronic signature based upon a qualified certificate that has not been invalidated or revoked at the respective moment, generated using a secured device for creating electronic signature, to licitatie2012@ancom.org.ro until [...]. ANCOM is to answer the clarification requests until [...]. The questions received and the answers to these questions will be communicated to the persons that addressed them and will be published on the ANCOM website, without revealing the identity of the person who requested the respective clarifications.

The candidates will indicate, within the application file, a fax number to which ANCOM may send its messages.

The ANCOM fax messages will be deemed transmitted when ANCOM receives the transmission confirmation generated by the fax upon sending the message.

Only the persons that purchased the Terms of Reference may send clarification requests.

4.6. The qualification stage

Within the qualification stage, the Commission evaluates the compliance of the candidates that submitted files during the application submission stage with a set of qualification criteria (Section 4.6.1) and, following evaluation, decides either the admission of the candidate to the superior stages of the selection procedure or the rejection of the application.

4.6.1. Qualification criteria

In order to be admitted to the superior stages of the selection procedure, the candidate must cumulatively fulfil the following qualification criteria:

- a) the candidate must be a Romanian or foreign legal person (commercial company);
- b) the candidate must have submitted all the documents provided in Sections 4.5.2-4.5.4, completely and correctly prepared, no later than the deadline set for receiving the applications;
- c) the life duration of the candidate company provided in its constitutive act must run until 5 April 2029, at least;
- d) the average turnover of the candidate for the last 3 years or from its setting up, if shorter than 3 years, must be of minimum 10,000,000 euros;
- e) the candidate must not be in a state of insolvency or liquidation, its business must not be managed by a syndic judge, its commercial activities must not be suspended or the candidate must not be in a situation similar to those previously mentioned, regulated by the law;
- f) the candidate must not be subject to a legal procedure aimed at declaring it in one of the situations provided for at letter e);
- g) the candidate must have submitted the participation bond (in original) in the form and amount specified under Section 4.4;
- h) the bidder must have fulfilled the exigible payment obligations to the state budget, the social insurance budgets and special tax funds, contributions and

- other revenues; the taxes, contributions and other revenues which benefited from payment facilitation (postponements, phasing etc.) granted by the competent bodies are not deemed exigible payment obligations, to the extent the conditions imposed at the facilitation granting were observed;
- i) the candidate must not be a member of another candidate's group;
 - j) the candidate's project must prove the fulfilment of the minimum coverage requirements;
 - k) the candidate must have purchased the Terms of Reference;
 - l) the candidate must observe in the frequency allocation application the caps established at point 4.1.3.

As for the associations, each of the association members must fulfil all the criteria mentioned above, with the following exceptions:

- the criterion specified at letter c), which is to be fulfilled by at least one member of the association and by the person to whom the licence will be issued; and
- the criteria specified at letters g) and k), which are to be fulfilled by the designated representative of the association.

4.6.2. Evaluation of the application files

After the deadline set for receiving the applications, the Commission will evaluate all the submitted application files, based on the qualification criteria (Section 4.6.1), and will decide on the admission of the candidate to the superior stages of the selection procedure or on the rejection of the application.

The Commission may request, at any time during the evaluation of the application files, any specifications, documents and/or additional information and/or clarifying documents, in view of establishing or clarifying the actual situation based on which a candidate's qualification is determined, while the rules under Section 4.3.5 and the sanctions under Section 4.3.6 will apply.

As regards the criterion under letter i), if the Commission finds that there is a connection of the type envisaged by this criterion between two or more candidates, the Commission informs all the involved candidates on the situation found, requesting them to express in writing, within a certain term, the option for only one of these applications, to be maintained within the procedure. The non-expression of an option or the expression of several different options triggers the rejection of all envisaged applications. To avoid any doubt, in accordance with the provisions under Section 4.3.1, corroborated with Section 4.3.6, in case the abovementioned situation is discovered subsequently to the qualification stage, all the involved bidders will be excluded from the procedure.

4.6.3. Determining and presenting the candidates qualified for participation in the superior stages of the selection procedure

Following the evaluation of each application file, the Commission may take one of the following decisions:

- a) to admit the application, if all the qualification criteria are met; or
- b) to reject the application, if at least one of the qualification criteria is not met.

After completing the evaluation of the application files, the Commission will communicate to each candidate the admission or the rejection of its application within the procedure.

Alongside the communication on the application admission, the candidate will be informed on the change of its status within the selection procedure into *bidder*.

Alongside the communication on the candidature rejection, the candidate will be informed that it is eliminated from the procedure and that the term within which the participation bond will be returned is to be communicated.

The Commission will not communicate to the qualified candidates the identity or the initial eligibility of the other qualified candidates or the identity of the candidates which did not qualify for participation in the superior stages of the selection procedure.

The participation bond will be returned to the candidates who did not qualify to the superior stages of the selection procedure within 30 working days from the candidature rejection date. These candidates are further subject to the rules on information confidentiality provided for in Section 4.3.3, for the entire duration of the selection procedure.

4.6.4. Establishing and announcing the procedure continuation

During the qualification stage, the Commission evaluates the level of the aggregated (initial) demand of frequency blocks within each of the A to G categories, based on the frequency allocation applications submitted by the qualified candidates (bidders), and may take one of the following decisions:

- a) to organise the auction stage starting with the primary rounds, if the aggregated demand exceeds the number of frequency blocks available in the selection procedure in at least one category; in this situation, the Commission will

- communicate the bidders that the auction stage is required, as well as the date of starting the primary rounds;
- b) to organise the auction stage starting with the additional round/rounds, if the aggregated demand does not exceed the number of frequency blocks available in the selection procedure in any category and there are blocks for which there is no demand; in this case, the Commission:
- will communicate the bidders that the primary rounds of the auction stage are not required;
 - will declare as winning all the initial bids of the bidders, which will thus be designated winning bidders, and will communicate each bidder the number of abstract blocks won by the respective bidder in each of the A to G categories; and
 - will communicate each bidder: (i) the basic price of its winning bid, which is the total price for the ensemble of abstract frequency blocks in the initial bid, and (ii) the specific basic prices for each of the blocks included in its winning bid, for the purpose of enforcing the provisions of Section 4.8.2 letter c) herein, which are equal to the reserve prices for the categories to which these blocks belong;
 - will communicate each bidder the commencement date of the additional rounds;
- c) to organise only the assignment round of the auction stage, if the aggregated demand does not exceed the number of frequency blocks available in the selection procedure in any category and there are no blocks for which there is no demand; in this case, the Commission:
- will communicate the bidders that the primary and/or additional rounds of the auction stage are not required;
 - will declare as winning all the initial bids of the bidders, which will thus be designated winning bidders, and will communicate each bidder the number of abstract blocks won by the respective bidder in each of the A to G categories; and
 - will communicate each bidder: (i) the basic price of its winning bid, which is the total price for the ensemble of abstract frequency blocks in the initial bid, and (ii) the specific basic prices for each of the blocks included in its winning bid, for the purpose of enforcing the provisions of Section 4.8.2 letter c) herein, which are equal to the reserve prices for the categories to which these blocks belong;
 - will communicate each bidder the commencement date of the assignment round.

It is worth mentioning that the auction stage will be held in all cases, even if only the assignment round will take place. Given the limits as to the acquirement of the usage rights, most likely that there will be at least 2 or more winners in each category if the

aggregated demand does not exceed the number of frequency blocks available in the selection procedure in any category and there are no blocks for which there is no demand.

4.6.5. Complaints

A participant in the procedure may challenge the rejection of its application within 2 days from receiving the communication sent by the Commission in this regard, in accordance with the provisions under Section 4.6.3. The complaint must be made in writing and submitted to the ANCOM headquarters in 2 Delea Noua Street, Sector 3, Bucharest, by the mandated representative of the candidate, upon signature, or sent by mail, with confirmation of the receipt.

Within 3 days from the lodging of the complaints, a commission designated by decision of the ANCOM president (the "Commission for settling the complaints"), comprising other persons than those which were members of the Commission, will examine the lodged complaints. The Commission for settling the complaints may extend the 3 day term, if the examination of the complaints involves the processing of a large volume of information. The complaints lodged within the due term will be settled in the sense of admission or rejection, while the complaints lodged after the due term will be rejected. The Commission for settling the complaints will conclude a minute, approved by the president of ANCOM, and will communicate each complainant the outcome of the lodged complaint, as comprised in the minute.

The Commission will establish and announce the continuation of the procedure in line with Section 4.6.4 only after the expiry of the period for lodging the complaints set in this section, and if complaints are lodged within the aforementioned period, only after the approval of the minute on the settlement of complaints, in accordance with the provisions of this section.

4.7. Auction stage (principal stage)

The principal stage consists of one or several primary rounds, followed by one or two additional rounds (if required) and one assignment stage.

All bids submitted during the principal stage are package bids. This means that a bid may only be a winner in its entirety and bidders cannot win a combination of blocks for which they did not place a package bid.

The maximum amount of spectrum which a bidder may acquire by auction is limited on the one hand by the total number of eligibility points (Section 4.1.2) and on the other hand by the established spectrum caps (Section 4.1.3).

4.7.1. Primary bid rounds

At the beginning of each primary round, the Commission communicates the bidders the price for a block of frequencies in each of the A to G categories. In the first primary round, the initial price for each of the A to G categories will be set equal to the reserve price (minimum licence fee) for that category, except for the categories for which the demand exceeded the supply, following the analysis of the frequency allocation applications. For these categories, the Commission will set in the first primary round prices higher than the reserve prices by a percent (bid increment) ranging between 5% and 20%.

Each bidder is invited to submit one bid stating the number of blocks in each category it wishes to bid at the given price, subject to the activity rule described below and to the overall spectrum caps. When the primary round is closed, demand is aggregated across all bidders. If, in the respective primary round, demand (represented by the total number of blocks requested according to the bids) exceeds the number of frequency blocks available in one or several categories, another primary round is scheduled.

In the subsequent primary round, the Commission will increase the price for blocks in particular category or categories if demand for blocks in that category or in those categories exceeded supply in the previous round. The increase will be made by adding a bid increment to the price of the previous round, expressed as a percentage, in a pre-established percentage (Section 5.2.2).

The primary rounds end after a round in which there is no excess demand for blocks in any of the categories.

During the primary rounds, bidders are subject to an activity rule whose purpose is to prevent the pointless extension of the procedure. As shown before, each frequency block has attached a number of eligibility points (Section 4.1.2). A bidder's activity in a certain round is measured as the sum of eligibility points over all the blocks included in its bid in that round. In any round, a bidder's eligibility is equal to that bidder's activity in the previous round.

Prior to beginning the auction, upon the set up of the participation bond, each bidder holds a budget of eligibility points (initial eligibility), which defines its vocation

(maximum) for acquiring the frequency usage rights. A bidder's initial eligibility is determined by the sum of the eligibility points in all the blocks included in its frequency allocation application. A bidder's activity in the first primary round cannot exceed its initial eligibility, and its activity in each subsequent primary round may not exceed its eligibility in the previous round. This means that a bidder's eligibility may remain constant or decrease throughout the primary rounds; it cannot increase. Therefore, the bidders are stimulated to bid in every round at a level that would enable them to gain the desired usage rights while avoiding the loss of vocation for their acquiring.

The winning bids, respectively the winning bidders (see Section 5.2.6) and the basic prices they must pay (see Section 5.2.7) are determined following the primary rounds.

4.7.2. Additional bid round/rounds

If, following the aggregation of the initial bids or following the primary rounds, there will be unawarded (abstract) frequency blocks, ANCOM may decide to organise an additional bid round, and if, further to this round, there will still be unawarded blocks, a second additional round will be scheduled. In each of these rounds, each bidder will be able to submit a bid stating one or several packages comprising one or several blocks, as well as the sum it is willing to pay for acquiring each of these packages. There are no maximum limits as to the bid amount; however, minimum limits are applicable, according to the specific rules provided for in Section 5.3.3.

All bidders are allowed to participate in the additional round/rounds, regardless of their eligibility at the closing of the primary rounds and regardless of whether they acquired or not frequency blocks during the primary rounds. The limitations on acquiring the usage rights mentioned in Section 4.1.3 will apply.

The winning bids for the blocks remained unawarded after the primary rounds, respectively the winning bidders (see Section 5.3.5) and the basic prices they must pay (see Section 5.3.6) will be determined following the additional round/rounds.

4.7.3. Assignment round

The initial bids, the primary rounds and the additional round/rounds allow for determining the number of generic blocks the winning bidders will receive in each category, as well as the basic prices for the respective frequency blocks, but not the specific frequencies these bidders are to be assigned. The purpose of the assignment round is to determine how the available frequencies in the A to G categories are to be distributed in the relevant frequency bands amongst the winners of the primary and

additional rounds, and any additional prices to be paid by each winning bidder for obtaining a specific assignment.

All bidders that have won multiple blocks in the same category will receive adjacent frequency assignments within the respective frequency band.

The assignment round takes place simultaneously for all the categories of blocks. Each bidder that has won frequency blocks based on the initial bid or in the primary and additional rounds will express its options, based on a list of pre-defined options with regard to the specific assignments in each band of the obtained frequency blocks, provided for by the Commission. In this regard, each winning bidder has the opportunity to bid the amount that it would be willing to pay for a given specific assignment in each band, in addition to the overall basic price it has to pay, determined in the primary and/or additional rounds. Winners who are indifferent as regards the different assignment options do not have to make any assignment bids. The combination of bids with the highest total value for each category of blocks is the winning combination for the respective category, and the bids compounding it are declared winners for that category.

If, following the primary and additional (if required) rounds, there is only one winning bidder in a certain category, an assignment bid for the frequencies in that category is not necessary. In such case, the sole bidder will be assigned the frequencies obtained according to the rules on the positioning of the unawarded blocks, described in Section 5.4.6. No additional price will be paid for the assignment of frequencies in a band which has only one winning bidder.

The additional prices will be established according to Section 5.4.7.

4.7.4. Determining the winner and establishing the licence fees

The bidders which submitted valid bids during the last primary round and/or those that compose the winning combination resulted from the additional round/rounds, if such is the case, are designated as the winning bidders. These bidders will obtain the usage rights for the radio frequencies corresponding to the winning bids, provided that they pay a licence fee the amount of which is established by summing up the basic price determined according to Sections 5.2.7 and, as the case may be, 5.3.6, to which the additional price determined according to Section 5.4.7 will be added, if applicable.

4.8. Licence awarding stage

4.8.1. Presentation of the procedure results

At the beginning of the licence awarding stage, the Commission will communicate each winning bidder:

- a) the final price standing for the licence fee that the winning bidder will have to pay for obtaining the usage rights for the frequency blocks it acquired during the procedure, which represents the sum between the basic price determined, as the case may be, following the qualification stage or the primary and/or additional rounds and the additional price determined following the assignment round;
- b) the price payment conditions provided for in Section 4.8.2 and the conditions relating to the issuance of the licences.

4.8.2. Payment of the licence fees

The licence fees owed by the winning bidders will be paid as follows:

- a) until 31.10.2012, by the bidders that acquired usage rights only for the blocks in the B and D categories;
- b) until 30.06.2013, by the bidders that acquired usage rights only for the blocks in the A, C, E, F and G categories;
- c) the bidders that acquired usage rights both for blocks in the B and D categories, and for blocks in the A, C, E, F and G categories, will have the possibility to pay the corresponding licence fees as follows:
 - (i) until 31.10.2012, the licence fees for the blocks acquired in the B and D categories, calculated as the sum between the specific basic price communicated for these blocks, as applicable, at the closing of the qualification stage (in accordance with the provisions of Section 4.6.4 letter b) line 3 and letter c) line 3-a), of the primary rounds (in accordance with the provisions of Section 5.2.8 letter b) point (ii)) or of the additional round/rounds (in accordance with the provisions of Section 5.3.7 letter b) point (ii)), and the additional price communicated following the assignment round for the assignment obtained by the respective bidders in each of the B and D categories (in accordance with the provisions of Section 5.4.8 letter b)); furthermore, these bidders will have the possibility to recover the participation bond under the terms mentioned in Section 4.4.5;
 - (ii) until 30.06.2013, the difference between the final price communicated according to Section 4.8.1 letter a) and the amount provided for at point (i) above.

4.8.3. Award of the licences

The licences are awarded to the winning bidders as follows:

- a) for the blocks in the B and D categories, until 30.11.2012 at the latest;
- b) for the blocks in the A, C, E, F and G categories, until 31.07.2013 at the latest.

The licences for all the blocks won by a bidder may be awarded prior to the deadlines specified at letters a) and b) above, under the condition of the respective bidder's integral payment of the due licence fee.

The licences will be awarded provided that the future licence holder is an authorised provider according to art.6 of the Framework-Ordinance.

4.8.4. Transitory measures for the 900 MHz and 1800 MHz bands

According to art.2 paragraph (4) of Decision no.1816/2011 on granting the usage rights for the 880-915 MHz/925-960 MHz and, respectively, the 1710-1747.5 MHz/1805-1842.5 MHz frequency bands, ANCOM may establish, if necessary, upon consent of the involved parties, transitory technical measures for the refarming of the frequency band generated by the outcome of the selection procedure.

Chapter 5 – Auction Rules

5.1. General rules for the auction stage

5.1.1. Auction location

The auction will take place at ANCOM headquarters in 2 Delea Noua Street, Sector 3, Bucharest, where each bidder will be provided a room endowed with telephone, fax and Internet access. Also, the bidders will have access, in accordance with the rules under Sections 5.1.4, 5.1.5 and 5.1.7, in the room where the Commission is to activate, located in the proximity of the rooms made available to the bidders.

The bid rounds may take place during one or several working days, as deemed necessary, between 9.00 hours and 16.00 hours.

5.1.2. The electronic support system

During the auction, the bidders as well as the Commission may use an electronic support system for the purpose of verifying the correctness of the bids from the viewpoint of eligibility and activity criteria observance and of the caps to gaining usage rights.

The electronic support system will be made available by ANCOM and it will consist of a computer application exclusively installed on the IT equipment located at the Authority's headquarters. Prior to the auction, ANCOM will organise, at a date to be announced after the completion of the qualification stage, a training session for the candidates on the usage of the electronic support system during the auction.

5.1.3. Informing the bidders

The Commission will provide the bidders with several pieces of information prior to each bid round, by the end of each type of round, as well as at any time deemed necessary by the auction process. The general rules for providing such information are depicted under this section, while specific rules are provided under Sections 5.2.2, 5.3.2 and 5.4.2.

Information is to be made by a representative of the Commission who will go therefor in the room reserved for each of the bidder at ANCOM headquarters. The proof of such information will be the signature on the information form, where the signature of only one representative of a bidder is necessary. In case no representative of a bidder is

present in the room reserved for the respective bidder or the representatives of the bidder refuse to sign the information form, the respective bidder will be considered to have waived its participation in the auction and the rules under Section 4.4.4 will be applied.

5.1.4. Bid submission

In view of submitting a bid during a certain round, a representative of each bidder will fill in and sign a specific bid form and will hand it over to the chairman of the Commission (or to the member of the Commission replacing the chairman), within the timeframe established for the respective round, except if the bidder makes use of one of its extension rights (Section 5.2.6). The representative of the bidder will go therefor to the room reserved for the Commission. The chairman of the Commission (or the member of the Commission replacing the chairman) will note the receipt of the bid in the synoptic table of the respective round, to be also signed by the representative of the bidder, and will endorse the form submitted by the bidder for proof of non-alteration.

The form may be filled in either by hand or using the electronic support system. In the latter case, the form, which is available on the electronic support system, may be filled in and printed by using exclusively the IT equipment made available to the bidder in the room reserved to it. In all cases whatsoever, the form must bear the handwritten signature of a representative of the bidder in order to be valid.

The bid forms for each type of round (primary, additional, assignment) are to be elaborated by ANCOM and made available to the bidders prior to the launch of each type of round.

5.1.5. Extension rights

During the auction stage, each bidder has at its disposal two extension rights that may be exerted in two distinct rounds, irrespective of their type (primary, additional, or assignment).

An extension right confers the bidder additional time for submitting a bid during a certain round. The extension rights are granted to the bidders in order to protect them in case of unexpected circumstances that might prevent them from submitting a bid during a certain round.

The extension rights may be exerted actively or passively.

In case of actively exerting its right, the bidder will announce the chairman of the Commission, during a certain round, on the occurrence of an unexpected situation that prevents it from submitting an offer during the respective round, and will require the granting of a extension period in order to submit the bid. A representative of the bidder will go therefor to the room reserved for the Commission. The extension period is of 30 minutes after the scheduled closing time of the round. The extension may be required only during a certain round, and not during the recess between rounds or at another time.

Passive exercise of the extension rights is possible only in case of primary rounds and only by the bidders owning eligibility points (with non-zero eligibility) as well by one or several extension rights. Thus, in case one such bidder does not submit a bid within the timeframe established for a primary round, the round will automatically be extended, for that bidder, with 30 minutes after the scheduled closing time of the round, and the bidder will have one of its available extension rights deducted.

The extension period has effects only towards the bidder exerting its extension right and not towards the other bidders. It closes either upon the expiry of a 30 minutes timeframe after the scheduled closing time of the round, or when the bidder exerting its extension right has submitted its bid, in case the latter event takes place before the expiry of the 30 minutes.

5.1.6. Electronic surveillance of the auction

During the auction, the activity of the bidders and of the Commission will be electronically surveyed by means of audio-video equipment. The records will be used in view of monitoring the observance of the auction rules and will be archived by ANCOM after the procedure is completed.

5.1.7. Exceptional circumstances

In case exceptional circumstances occur during the auction, the Commission may take one of the following decisions:

- a) postpone a certain round, conclude a certain ongoing round, or announce the results of a certain round;
- b) cancel a certain ongoing round the results of which have not yet been announced and reschedule the respective round;
- c) cancel one or several rounds and the bids submitted during these rounds and restart the auction stage from a previous round;

- d) suspend the auction stage, cancel the auction stage and/or restart the auction stage.

The occurrence of an exceptional circumstance is to be assessed by the Commission. Such circumstances may include, for example, the occurrence of natural catastrophes, demonstrations, strikes, violent conflicts or incidents of any kind, technical faults or any other exceptional events that may disturb or hinder the activities carried out at ANCOM headquarters or the operation of the electronic support system, the occurrence of indications or acknowledgements of breaches of the rules regarding the participation in the selection procedure by one or several bidders, as well as any other exceptional circumstances that may in any way endanger the carrying out of the auction.

The bidders are obliged to immediately announce the Commission on the occurrence or imminence of an exceptional situation, and a representative of the bidder that announced this situation will go therefor to the room reserved for the Commission.

5.2. Rules for the primary bid rounds

5.2.1. Scheduling of the primary rounds

The primary rounds are scheduled by the Commission.

Rounds are exclusively scheduled one by one, and not several rounds simultaneously, considering that, depending on the result, the scheduled round may be the last one during the auction. The Commission sets the beginning date and time of the round as well as its duration (closing date and time). In principle, the duration of a round may not be less than 15 minutes and may not exceed two hours.

All primary rounds will be scheduled to take place between 9.00 and 16.00 hours, on working days. Each bidder must ensure the permanent presence of its representatives, on a daily basis, at the ANCOM headquarters, in the room reserved for the respective bidder, starting 9.00 hours and until 16.00 hours or until the receipt of the Commission notification regarding the completion of the rounds for that respective day. The bidders will be announced on the beginning time of a primary round with at least 15 minutes and at most 30 minutes in advance.

Several rounds may be scheduled during the same day, and the duration of the recess between rounds is to be established by the Commission (but it cannot be less than 30 minutes). The rounds must begin and be completed during the same day, and round interruption by the end of the day and resumption during the next morning are not

accepted. By the end of the last round of the day, the Commission will announce the bidders that no other rounds are to be organised during that respective day. Also, in case exceptional circumstances occur and justify the interruption of the auction for the rest of the day or for a longer period of time, the Commission will immediately announce the bidders thereon.

5.2.2. Informing the bidders prior to the primary rounds

One the beginning of a primary round is announced, the Commission will inform each bidder with respect to:

- a) the duration of the respective round (hours, minutes), specifying its closing time;
- b) the prices for each category, applicable to the respective round;
- c) its eligibility for submitting bids during the respective round (expressed as number of eligibility points); and
- d) the number of remaining extension rights.

5.2.3. Bid prices

In the first primary round, the price for each of the A to G categories will be equal to the minimum price (minimum licence fee) for that category, except for the categories for which an excess demand has been recorded after analysing the application forms. For these categories, the Commission will set prices applicable in the first primary round that are higher than the minimum prices with a percentage (bid increment) between 5% and 20%.

The same rules for setting the prices will apply to the following primary rounds. Thus, in case the block demand exceeds the supply during a certain round, the price for the respective round will be increased during the next round.

The price will remain unchanged during the next round in case of those rounds where no excess demand exists.

Excess demand exists during a certain round when the total number of blocks in that category indicated in the valid bids submitted during the respective round exceeds the number of blocks available in that category.

5.2.4. Bid rules

All blocks in the A to G categories are available for the submission of bids during the primary rounds.

In each primary round, a bidder may submit only one bid.

Each bid will specify the number of blocks in each category the bidder wishes to acquire at the price communicated by the beginning of the round. A bid may include any combination of blocks, while observing the limitations regarding the gain of usage rights (Section 4.1.3).

In order to submit a bid, the bidders select the number of blocks they wish to acquire in each of the categories, using the dedicated bid form. The bidders may choose to submit a "zero" bid that does not include any block within the A to G categories. In such a case, the current amount of the eligibility points for the respective bidder will be considered "zero". In case a bidder does not submit a bid during the round or during the extension period granted to that bidder (see Section 5.1.5), the Commission will record *ex officio* a zero bid for that bidder.

The price of the bid is determined as follows:

- a) for each category, the number of blocks in that category that have been included in the bid will be multiplied by the price communicated by the Commission; and
- b) the values determined according to letter a) will be summed up for all block categories.

The bid will be submitted according to the rules set out under Section 5.1.4.

Each submitted bid will be considered valid and represents a firm, definitive, irrevocable and unconditional commitment to acquire the package of blocks specified in the respective bid, at the bid price determined in accordance with the rules set out in this Section.

A bid remains valid until:

- a) it is replaced by a higher bid for the same package of frequency blocks, submitted by the same bidder during one of the subsequent rounds or during the additional round/rounds; or
- b) it is cancelled as a result of the Commission cancelling one or several rounds and the bids submitted during those rounds; or
- c) the winning bidders are granted licences for the rights of use gained as a result of the selection procedure.

5.2.5. Activity rules

The activity associated with a bid submission represents the total amount of eligibility points for all the blocks included in the bid and is calculated as follows:

- a) for each category between A and G, the number of blocks in that category, included in the bid, will be multiplied by the eligibility points per block for that category; and
- b) the values determined according to letter a) will be summed up for all block categories.

In each primary round, a bidder may submit a bid with an activity level lower than or equal to its current eligibility (affluent to the respective round) for the A to G categories, while observing the limitations regarding the gain of usage rights (Section 4.1.3).

The eligibility of a bidder for the first primary round represents its initial eligibility. The initial eligibility represents the sum of the eligibility points for all A to G categories included in the application form, submitted by the respective bidder as part of its application file, and it is calculated as follows:

- a) for each of the A to G categories, by multiplying the number of blocks specified in the bid form with the eligibility points associated to each block; and
- b) by summing up the valued determined according to letter a) for all block categories.

For each of the following primary rounds, the eligibility of each bidder is equal to the activity of that bidder during the previous primary round. Thus, after a certain number of successive primary rounds, a bidder's eligibility may remain constant or may decrease, but it can never increase. However, during the primary rounds, a bidder's eligibility may fluctuate between the different block categories, considering that, from one round to another, the bidder may change the package of blocks included in its bid, including by renouncing certain blocks in certain categories and selecting blocks from other categories; this way, to this end, it is possible that, from one round to another, the bidder's eligibility in one or several categories may increase, and in other categories it may decrease.

The bidders may use the electronic support system in order to verify whether the bid they wish to submit during a certain round observes its eligibility during the respective round and the limitations regarding the gain of usage rights (Section 4.1.3). In case such verification is carried out, the bidder must fill in the bid form available in the electronic support system and, after the form is filled in, the system will display a message:

- a) announcing the bidder that its bid is in accordance with the said eligibility rules and limitations; or

- b) warning the bidder that its bid is not in conformity with the said eligibility rules and limitations, and in such cases the bidders are provided with the possibility to return to the bid form in order to review it.

Also, the electronic support system will warn the bidder in case its bid would lead to a decrease in the bidder's eligibility for the next round. In such case as well, the bidder is provided with the possibility to return to the bid form in order to review it.

5.2.6. Determining the winning bidders

The valid bids submitted during the last primary rounds will be declared as winning bids, and their holders will be designated as winning bidders. After the completion of the additional round/rounds (should it be the case) and of the assignment round, the winning bidders will be granted the rights to use the frequencies afferent to the blocks included in the winning bids.

5.2.7. Determining the basic price

Each winning bid has an associated basic price. This basic price is the total price for the aggregate of abstract frequency blocks in the winning bid.

5.2.8. Completion of the primary rounds

The primary rounds end after a round where no excess demand exists for blocks in any category. From this moment on, the Commission establishes the winning bids, the winning bidders and the basic prices, announces that the primary rounds have ended and, as the case may be, that the auction continues with the additional round/rounds or directly with the assignment round.

Moreover, the Commission communicates to each bidder a series of pieces of information on the results of the primary rounds, as follows:

- a) each bidder will be informed on the number of abstract blocks won by the respective bidder in each of the categories from A la G;
- b) each winning bidder will be informed on:
 - i) the basic price afferent to its bid declared as a winning bid;
 - ii) the specific basic prices for each of the blocks included in its winning bid, for the purpose of enforcing the provisions of Section 4.8.2 letter c) herein, which are equal to the prices for which the bidder gained the respective blocks by means of its winning bid.

Information mentioned under letters a) and b) above will not be communicated to other bidders.

5.3. Rules for the additional bid round/rounds

5.3.1. Scheduling the additional round/rounds

Rules depicted in Section 5.2.1 will apply.

5.3.2. Informing the bidders prior to the additional round/rounds

At the same time with the announcement of the beginning of additional round/rounds, the Commission must inform each bidder with respect to:

- a) the number of frequency blocks remaining available in each category;
- b) the duration of the respective round (hours, minutes), specifying its closing time;
- c) the minimum applicable price for the respective round, for each category; and
- d) the number of remaining extension rights.

5.3.3. The bid prices

During the additional round/rounds, each bidder may bid for a package consisting of one or several frequency blocks available in these rounds by submitting a bid and indicating therein the price it is willing to pay for acquiring the respective package, with the caps below.

Thus, during the first additional round, the bid price may not be less than the sum of the minimum prices for the blocks included in the bid, which represents:

- a) the prices applicable in the last primary round where the demand for the categories these blocks are part of was in excess, in case of those categories for which an excess demand has been recorded during the primary rounds
- and
- b) the reserve prices (minimum licence fee) for the categories where no excess demand existed for any of the available blocks, during any of the primary rounds.

In case after the first additional round certain frequency blocks remain unassigned, the Commission may decide to hold a second additional round. During this second round, the bid price may not be less than the sum of the reserve prices (minimum licence fee) for the blocks included in the bid.

The bid price in the additional round/rounds must be expressed in euro.

5.3.4. Bid rules

Rules depicted in Section 5.2.4 will apply, with the exemptions below.

The blocks in the A to G categories that remained unassigned following the initial bids or following the primary rounds will be the only ones available for the submission of bids during the first additional round. During the second additional round, the blocks in the A to G categories that remained unassigned during the first additional round will be the only ones available for submission of bids.

Each bid may be submitted for one or several packages, each including one or several frequency blocks. Each package represents itself a bid. For each package, the bid will specify the number of blocks in each category the bidder wishes to acquire, as well as the total package price.

As well, for each package, the bidder will indicate an individual price for each of the blocks composing the respective package, which, if the respective package will be a part of the winning combination, will represent the specific basic price for those blocks, exclusively for the purpose of enforcing the provisions of Section 4.8.2 letter c).

A package may include any combination of blocks, with the observance of the limitations regarding the gain of usage rights (Section 4.1.3), and the usage rights gained based on the initial bids and in the primary rounds will be taken into consideration.

During the additional round/rounds, the bidders may bid irrespective of their eligibility at the time of the primary rounds' completion.

5.3.5. Determining the winning bidders

After the completion of each additional round, the Commission will establish the winning combination.

The winning combination is the combination of packages included in the valid bids submitted during the additional round that, taken together, have the higher value among all possible combinations, if the following conditions are met:

- a) in each category have been granted less blocks than the number of available blocks in the respective category;
- b) the combination contains no more than one package from each bidder;
- c) the combination ensures the assignment of the largest number of blocks from among those available in all categories.

In case two or several combinations of packages meeting the above conditions have equal value, the combination that includes packages from the largest number of bidders will be declared the winning combination. If this rule does not lead to identifying a single combination either, the Commission will choose the winning combination, from among the potential winning combinations, by means of draw.

The bids for the packages that are part of the winning combination will be declared winning bids and their holders will be declared winners.

After the completion of the auction stage, during the licence award stage, the bidders declared winners as a result of each of the additional rounds will be granted the rights to use the frequencies from the blocks included in the packages that are part of the winning combination.

5.3.6. Determining the basic price

Each winning bid has an associated basic price. This basic price is the total price for the aggregate of abstract frequency blocks that are part of the winning combination.

5.3.7. Completion of the additional round/rounds

After the completion of the additional round/rounds, the Commission will communicate to each participating bidder a series of pieces of information on the results of the additional round/rounds, as follows:

- a) each bidder will be informed on the number of abstract blocks won by the respective bidder in each of the categories;
- b) each winning bidder will be informed on:
 - i) the basic price afferent to its bid declared as a winning bid in each of the additional rounds held;
 - ii) the specific basic prices for each of the blocks included in its winning bid, for the purpose of enforcing the provisions of Section 4.8.2 letter c) herein, which are equal to the individual prices indicated by the bidder for the respective blocks in the package that was part of the winning combination, in accordance with the provisions of Section 5.3.4.

Information mentioned under letters a) and b) above will not be communicated to other bidders.

5.4. Rules for the assignment round

5.4.1. Scheduling the assignment round

The assignment round is scheduled by the Commission, which sets the beginning date and time of the round as well as its duration (closing date and time). In principle, the duration of the assignment round may not be less than one hour.

The assignment round will be scheduled to take place between 9.00 and 16.00 hours, on a working day. The bidders will be announced on the round date and time with at least one day in advance.

The assignment round must begin and be completed during the same day, and round interruption by the end of the day and resumption during the next morning are not accepted. In case exceptional circumstances occur and justify the interruption of the auction for the rest of the day or for a longer period of time, the Commission will immediately announce the bidders thereon.

5.4.2. Informing the bidders prior to the assignment round

At the same time when the assignment round date and time are announced, the Commission will inform each bidder with respect to:

- a) the duration of the respective round (hours, minutes), specifying its closing time; and
- b) if the bidder still has or has not an extension right available after the primary and additional rounds.

5.4.3. Bid prices

There is no minimum or maximum price limitation as regards assignment bids. These bids must be expressed in Euro.

5.4.4. Bid rules

The gaining of a certain number of blocks in one of the A to G categories following the initial bid or the primary and/or additional rounds implies the right as well as the obligation of the winning bidder to acquire one of the frequency assignment options presented to that bidder by the Commission for each of the categories during the assignment round.

The bidders are invited to submit bids for the specific options for frequency assignment, as these are set out by the Commission, in accordance with the rules below.

For each of the frequency bands where there are two or more winning bidders, the Commission will establish a set of options for frequency assignment, for each bidder separately. More specifically, for each bidder, for each block category, the Commission will identify an exhaustive list of adjacent frequency blocks that meet the following conditions:

- a) the number of blocks in each option is equal to the number of blocks won by the bidder during the primary and additional rounds;
- b) any option for assigning frequencies to a certain bidder is compatible with the options of all the other winners in that category receiving adjacent spectrum; and
- c) the unassigned frequency blocks in a certain band will be rearranged in the respective band according to the rules under Section 5.4.6.

During the assignment round, the participating bidders will submit a bid form, in accordance with the rules under Section 5.1.4.

For each bidder, the bid form will include a list of all the frequency assignment options available to the respective bidder in each of the bands for which it has won frequency blocks during the primary and additional rounds. The bid form will be made available to the bidder by a member of the Commission at the beginning of the assignment round.

Each bidder may submit one assignment bid for each option listed in its bid form, indicating the amount it is willing to pay in order to acquire the respective assignment option.

Zero bids will be automatically recorded for those frequency assignment options for which no bid is submitted. In case a bidder does not submit a bid form during the allocated timeframe, it shall be considered as submitting a zero bid for each of the frequency assignment options in each band made available to the respective bidder.

Each bid submitted during the assignment round represent a firm, definitive, irrevocable and unconditional commitment to pay the specified price for each assignment option, in view of obtaining the respective specific frequency assignments, as an additional price to the basic price the bidder must pay as a result of the primary and/or additional rounds.

A bid remains valid until:

- a) it is cancelled as a result of the cancellation by the Commission of the round and of the bids submitted during that round;
- b) the winning bidders are awarded licences for the usage rights gained as the result of the selection procedure.

5.4.5. Determining the winning bids

After the completion of the assignment round, the Commission will assess the assignment bids, separately for each of the A to G categories.

To this end the Commission will establish the winning combination for each of the categories from A to G, representing the combination of submitted valid assignment bids that has the higher value among all possible combinations, if the following conditions are met:

- a) the combination includes only one bid from each bidder;
- b) each bidder will be assigned in each category the quantity of spectrum won by the respective bidder during the primary and/or additional rounds;
- c) each bidder will be assigned adjacent frequencies in each category;
- d) the frequency ranges assigned to a bidder do not overlap with the frequency ranges assigned to another bidder; and
- e) any unassigned blocks must be adjacent and located in accordance with the rules under Section 5.4.6.

Each bidder will have a winning assignment bid in each band where it has won blocks during the primary and additional rounds. The winning assignment bid may be a zero bid, automatically recorded on behalf of the bidder for an assignment option for which the respective bidder has not submitted an assignment bid.

In case several combinations of assignment bids meeting the above conditions have equal and the highest value, the Commission will select a combination by means of draw.

5.4.6. Positioning the unassigned frequencies

It is possible that certain blocks from certain bands remain unassigned as a result of the primary and additional rounds. Any unassigned blocks will be positioned according to the rules in the table below.

Table 24 Way of positioning the unassigned frequencies

| Category | Number of blocks | Band | Size of blocks | Positioning any unassigned blocks |
|----------|------------------|-------------------------|----------------|--|
| A | 6 | 791-821/832-862 MHz | 2 x 5 MHz | Any unassigned blocks will be adjacent and positioned immediately above 791 MHz paired with 832 MHz. |
| B | 5 | 880-915/925-960 MHz | 2 x 5 MHz | The positioning of the unassigned blocks will be established by ANCOM, in keeping with the auction outcome and in view of ensuring the compatibility between the existing and the future networks. |
| C | 7 | 880-915/925-960 MHz | 2 x 5 MHz | |
| D | 6 | 1710-1785/1805-1880 MHz | 2 x 5 MHz | The positioning of the unassigned blocks will be established by ANCOM, in keeping with the auction outcome and in view of ensuring the compatibility between the existing and the future networks. |
| E | 15 | 1710-1785/1805-1880 MHz | 2 x 5 MHz | |
| F | 14 | 2500-2570/2620-2690 MHz | 2 x 5 MHz | Any unassigned blocks will be positioned immediately under 2570 MHz paired with 2690 MHz. |
| G | 3 | 2570-2615 MHz | 1 x 15 MHz | Any unassigned blocks will be positioned immediately under 2615 MHz. |

5.4.7. Determining the additional price

Each winning bid, in each band, has an associated additional price. This price corresponds to the assignment option afferent to the winning bid of each bidder in the respective band and represents the sum to be paid by the holder of the respective bid, in addition to the basic price determined as a result of the primary and additional rounds (if such is the case), in order to obtain the said assignment.

5.4.8. Completion of the assignment round

After the completion of the assignment round, the Commission will communicate to each participating bidder a series of pieces of information on the results of the round, as follows:

- a) each bidder will be informed on the assignment obtained in each category;
- b) each winning bidder will be informed on the additional price for the assignment obtained in each category.

Information mentioned under letters a) and b) above will not be communicated to other bidders.

5.5. Completion of the auction stage

After the completion of the auction stage, the Commission:

- a) will determine the final price each winning bidder must pay for gaining the rights to use the frequency blocks awarded to the respective bidder, representing the sum between the basic price determined as a result either of the initial bid or of the primary or additional rounds (and which cannot be less than the reserve price for each category) and the additional price determined after the assignment round; this final price will be announced at the same time with the results of the procedure, during the licence award stage;
- b) will inform the bidders not gaining usage rights during the procedure on the term within which the participation bond is to be returned to them.

Chapter 6 – Miscellaneous

6.1. Publicity of the selection procedure

ANCOM may issue any public communication related to the selection procedure, as it deems necessary, without prior notification to the participants in the procedure. ANCOM may use any communications means, as it considers necessary, including written and online mass-media, its webpage (www.ancom.org.ro) etc.

Information publicly communicated by ANCOM may relate, *inter alia*, to:

- a) the identity of the participants and of the winning bidders;
- b) the actual frequency blocks the usage rights of which have been gained by the winning bidders as a result of the procedure;
- c) the licence fees owed by the winning bidders;
- d) licences that will be awarded as a result of the selection procedure.

6.2. Suspension of the selection procedure

In case of occurrence of exceptional circumstances that may affect the procedure, ANCOM has the right to suspend the selection procedure at any time during its progress. The occurrence of an exceptional circumstance is assessed by the Commission. Such circumstances may include, for example, the occurrence of natural catastrophes, demonstrations, strikes, violent conflicts or incidents of any kind, technical faults or any other exceptional events that may disturb or hinder the holding of the selection procedure, the occurrence of indications or acknowledgements of breaches of the rules regarding the participation in the selection procedure by one or several bidders, as well as any other exceptional circumstances that may in any way endanger the carrying out of the auction.

6.3. Cancellation of the selection procedure

According to the provisions under art. 26 paragraph (6) of the Framework-Ordinance, ANCOM may cancel the started selection procedure, prior to the deadline for the submission of the last bid during the principal stage. The decision to cancel the selection procedure must be objectively justified or must represent a consequence of certain conditions that might not have been known at the time when the selection procedure had been initiated. ANCOM will communicate publicly the reasons for cancelling the selection procedure, within a 30 days timeframe.

Annexes

Annex 1 – Statement on the bidder's capacity as a participant in the selection procedure

Annex 2 – Application form

Annex 3 – Models of licence for the use of radio frequencies

Annex 4 – Model of a letter of bank guarantee

Annex 5 – Practical examples on carrying out the auction

Annex 6 – Work flow of the selection procedure

Annex 7 – List of localities required to be covered

Annex 8 – Digital broadcasting plan (Geneva Agreement 2006)

[heading of the individual candidate/associate candidate]

**STATEMENT
ON THE CAPACITY AS A PARTICIPANT IN THE SELECTION PROCEDURE**

To:

**National Authority for Management and Regulation in Communications
2 Delea Noua Street, Sector 3, Bucharest**

With reference to:

**Participation in the competitive selection procedure in view of
awarding the rights to use the radio frequencies in the 800 MHz, 900
MHz, 1800 MHz and 2600 MHz bands**

After examining the provisions of the *Terms of Reference for the organisation of the competitive selection procedure in view of awarding the rights to use the radio frequencies in the 800 MHz, 900 MHz, 1800 MHz and 2600 MHz bands*, as well as of the ANCOM President's Decision no. [...] / [...] *[on the organisation of the selection procedure in view of awarding the rights to use radio frequencies]*, I, the undersigned *[name and firstname]*, legal representative of *[name and headquarters of the individual candidate/associate candidate]*, under the sanction of being disqualified from the selection procedure and being aware of the sanctions applicable in case of false statements, declare on my own responsibility the following:

1. In the selection procedure, I participate and submit a bid in my capacity as (tick the corresponding option):

- individual candidate;
- associate candidate in the association led by *[name and address of the association leader]*.

2. I do not submit more than one application, individually and/or in association with other legal person, being aware that breaching this rule triggers the rejection of all applications thus submitted.

3. The candidate on whose behalf I act (tick the corresponding option):

- is not a member of a group of undertakings;

□ is a member of a group of undertakings, whose names, contact data and links are presented in the document [*name of the document comprising the structure of the candidate's group*], which I submit as part of the application file.

4. All the documents and information presented and provided as part of the application file are complete and accurate in every detail and concordant with the reality, and the auction commission appointed by decision of the president of ANCOM has the right to require any other justifying documents for the purpose of verifying and confirming my statement.

5. I will immediately inform the auction commission appointed by decision of the president of ANCOM if any changes will occur to the present declaration at any time during the selection procedure.

I, the undersigned, hereby authorise any institution, commercial company, bank, other legal persons to provide information to the authorised representatives of ANCOM on any commercial, technical and financial aspect related to the activity of the candidate I represent.

I also declare that I acknowledged the provisions of art.292 "False statements" of the Penal Code of Romania, stating that, "*A statement which does not correspond to the truth, delivered to a state body or institution or to another entity referred to under art. 145 [i.e. public bodies], for the purpose of producing legal effects, on the own behalf or on somebody else's behalf, in such a case when, in accordance with the law or the circumstances, the delivered statement serves for generating the respective consequence, shall be sanctioned by 3 months to 2 years imprisonment or by fine*".

The present statement is valid until [*the date when the bid validity expires*].

Filled in as of

[*name of the individual candidate/associate candidate*]

.....
(authorised signature and seal)

[*candidate heading*]

FREQUENCY ALLOCATION APPLICATION

To

**National Authority for Management and Regulation in Communications
2 Delea Noua Street, Sector 3, Bucharest**

With reference to:

Participation in the competitive selection procedure in view of awarding the rights to use the radio frequencies in the 800 MHz, 900 MHz, 1800 MHz and 2600 MHz bands

After examining the provisions of the *Terms of Reference for the organisation of the competitive selection procedure in view of awarding the rights to use the radio frequencies in the 800 MHz, 900 MHz, 1800 MHz and 2600 MHz bands*, as well as of the ANCOM President's Decision no. [...] / [...] [on the organisation of the selection procedure in view of awarding the rights to use radio frequencies] (the "ANCOM Decision"), I, the undersigned [*name and first name*], legal/mandated representative of [*name and headquarters of the candidate*], hereby firmly, irrevocably and unconditionally undertake:

1. To participate in the selection procedure and observe its rules (including the sanctions applicable in case of breaching the said rules), so as they have been established by the Terms of Reference and the ANCOM Decision, during the entire duration of the procedure, until the licences are awarded, without causing any prejudice to the right of ANCOM to also enforce certain sanctions after the licence award (e.g. licence revoking);
2. To maintain valid the bid for the usage rights over the amounts of radio frequencies in each of the bands indicated in the table below, at the price specified therein (to which the possible additional price communicated by ANCOM by the closing of the assignment round may be added) until [*the date when the bid validity expires*] or until the date of the bid validity advance termination⁷; I thereby acknowledge that:

⁷ The date of the bid validity advance termination is the date when:

- a) the bid is replaced by a higher bid for the same package of frequency blocks, submitted by the same bidder during the primary or additional rounds; or

- the bid is valid only for the entire package of frequency blocks indicated in the table and, based on this bid, I may not gain a lower amount of frequencies than the amount afferent to the indicated package;
- the submission of the present bid does not prejudice my right to subsequently submit a bid for any other package of frequency blocks during the primary and/or additional rounds of the auction stage, provided that the activity and eligibility rules, as well as the rules regarding the limitations on frequency usage rights established under the Terms of Reference and the ANCOM Decision, are observed;

3. In case the candidate I represent is designated winner as the result of the selection procedure, I will pay within the term and under the conditions established by ANCOM the basic price and, as the case may be, the additional price resulted from the procedure, for the usage rights gained, and I will observe the provisions under Chapter 3 of the Terms of Reference and the ANCOM Decision with respect to the licence awarded through the selection procedure.

(Note: The candidate will fill in the following table and will indicate the number of blocks in each frequency band for which it submits the initial bid. In case the candidate does not submit a bid for any of the blocks within a certain band, he will cross the respective sections. Pay attention: the candidate must select minimum one block in at least one of the categories from A to G and must observe the caps as to the gaining of the usage rights imposed in Section 4.1.3. under the Terms of Reference; its application will otherwise be rejected!)

| Category | Number of available blocks | Band | Usage | Reserve price/ block | INITIAL BID (number of blocks) | Total (euro) |
|----------|----------------------------|--------------------------|-------------------------------|----------------------|--------------------------------|--------------|
| A | 6 | 791-821 / 832-862 MHz | 06.04.2014 – 05.04.2029 | 35,000,000 | | |
| B | 5 | 880-915 / 925-960 MHz | 01.01.2013 – | 3,400,000 | | |

-
- b) the bid is cancelled as the effect of the Commission cancelling one round or several rounds, as well as the bids submitted therein; or
 - c) the winning bidders are awarded licences for the usage rights gained as a result of the selection procedure.

| | | | | | | |
|---|----|------------------------------|-------------------------------|------------|--|--|
| | | | 05.04.2014 | | | |
| C | 7 | 880-915 / 925-960 MHz | 06.04.2014 – 05.04.2029 | 40,000,000 | | |
| D | 6 | 1710-1785 / 1805-1880 MHz | 01.01.2013 – 05.04.2014 | 800,000 | | |
| E | 15 | 1710-1785 / 1805-1880 MHz | 06.04.2014 – 05.04.2029 | 10,000,000 | | |
| F | 14 | 2500-2570 / 2620-2690 MHz | 06.04.2014 – 05.04.2029 | 4,000,000 | | |
| G | 3 | 2570-2615 MHz | 06.04.2014 – 05.04.2029 | 3,000,000 | | |

4. I hereby expressly and unequivocal, irrevocably and unconditionally declare that, in case of any dispute/issue arising in relation with the present selection procedure and the granting of the radio frequency usage rights as a result of the said procedure, I understand to accept that the substantive and procedural rules under the Romanian law and the Romanian Court of Law jurisdiction be applied and I waive the applicability of any foreign jurisdiction that may be competent in solving the respective dispute/issue.

Filled in as of

[*candidate name*]

.....
(authorised signature and seal)



2 Delea Noua Street, Bucharest 3, Romania
Phone: +40 372 845 400 / +40 372 845 454. Fax: +40 372 845 402
E-mail: ancom@ancom.org.ro. Website: www.ancom.org.ro

On grounds of the Decree of the President of Romania no. 509/2009 on the appointment of the president of the National Authority for Management and Regulation in Communications,

On grounds of the provisions of art. 10 paragraph (2) points 12 and 13, art. 11 paragraph (1), art. 12 paragraph (1) of the Government Emergency Ordinance no. 22/2009 the setting up of the National Authority for Management and Regulation in Communications, approved by Law no. 113/2010, with the subsequent amendments and completions, as well as of art. 23 paragraph (1), art. 24 paragraphs (1), (2) and (3), art. 31 paragraph (1)⁸/(2)⁹ of the Government Emergency Ordinance no. 111/2011 on electronic communications,

Having regard to the provisions of the Decision of the president of the National Authority for Management and Regulation in Communications no. ___/_____ on the holding of the selection procedure for the award of the radio frequency usage rights,

the president of the National Authority for Management and Regulation in Communications

issues this

⁸ Article 31 paragraph (1) of the Government Emergency Ordinance no. 111/2011 on electronic communications is the grounds for the award of the temporary lots.

⁹ Article 31 paragraph (2) of the Government Emergency Ordinance no. 111/2011 on electronic communications is the grounds for the award of the radio frequency usage rights for the period between 6 April 2014 and 5 April 2029.

LICENCE¹⁰
FOR THE USE OF RADIO FREQUENCIES
FOR THE PROVISION OF PUBLIC ELECTRONIC COMMUNICATIONS
NETWORKS AND ELECTRONIC COMMUNICATIONS SERVICES

no. _____

Holder: _____

with headquarters in: _____

registered with the Trade Registry Office under no. _____,

unique registration code: _____,

is authorised to exercise the right to use the radio frequencies specified in this licence in order to provide public electronic communications networks and mobile electronic communications services, in the following assigned frequency sub-bands:

1. in the frequency bands _____:
2. in the frequency bands _____;

I. Definitions

1. For the purposes of the present Licence, the relevant definitions provided for in the Radio Regulations adopted by the International Telecommunication Union (UIT) or in the national legislation in the electronic communications field also apply.

II. Technical and operational conditions¹¹

1. The holder of the Licence may use any available technology for each type of application established in the National Table for Frequency Band Allocation (NTFA) and in accordance with the provisions of the European Union and national legislation, as the case may be.

¹⁰ The Licence for the use of radio frequencies to be awarded to the winners of the usage rights will be drawn up by taking into consideration the requirements set under the Terms of Reference. The document "Licence" has a guiding character and is only drawn up for its presentation within the selection procedure, whereas the authorisation act is to contain specific conditions for each radio frequency band.

¹¹ The reference technical and operational conditions are provided in the Terms of Reference and are to be concretely mentioned depending on the outcomes of the selection procedure (the radio frequency bands to be gained by the interested parties).

- 2.** The holder has the obligation to exercise its rights deriving from the present Licence under conditions that would ensure the effective, rational and efficient use of the radio frequencies and the prevention of harmful interferences.
- 3.** The holder has the right to install, operate, control and make available to third parties a public electronic communications network, as well as the corresponding infrastructure, in view of providing publicly available mobile electronic communications services.
- 4.** The frequency assignments for the network provision, the identification characteristics of the radiocommunication stations, the technical parameters that define the service area associated to the assigned frequencies and the characteristics of the radio signals transmitted within the network are comprised in the assignment authorisations which are an integral part of the present Licence.
- 5.** The holder has the obligation to comply with the requirements deriving from the observance of all international agreements to which Romania is a party concerning the use of radio frequencies, including in the border areas.
- 6.** In the border areas, the licence holders will use the allocated frequency blocks only on the basis of coordination with the communications administrations from the neighbouring countries, in compliance with the requirements deriving from the enforcement of the international agreements to which Romania is a party or from the international regulations on frequency coordination applicable to allocated spectrum.
- 7.** The holder has the obligation to comply with the requirements deriving from the achievement of the objectives of European harmonisation and international cooperation in the electronic communications field and which may consist of the modification of the assigned radio frequencies or of the corresponding technical parameters set under the present Licence. The modifications specified at this point will be implemented within a reasonable term fixed by ANCOM, upon consulting the holder.
- 8.** The holder has the obligation to notify to ANCOM the location of the base stations, at least 30 days before beginning the execution works. ANCOM may request the holder to change the location, in view of ensuring the electromagnetic compatibility. The holder has the obligation to notify to ANCOM the values of the technical parameters of the base stations (locations, proposed frequencies, emission power, antennae/equipment used etc.) at least 15 calendar days prior to the putting into operation.
- 10.** The change of the notified base station locations in accordance with point 8 or the decommission of a notified location entails the obligation to notify the situation within 30 days.
- 11.** The holder has the obligation to abide by the standards adopted by the European Telecommunications Standards Institute (ETSI), as well as by the regulations adopted by ANCOM.
- 12.** With a view to prevent or remove the harmful interferences, the holder has the obligation to observe the technical and operational conditions for the use of radio frequencies established by ANCOM.

13. The holder will take the necessary actions, on its own expense, to remove the harmful interferences that are caused by or may be imputable to the holder, including but not limited to repairs, insertion of certain additional filters, the correction of errors owed to the improper or faulty installation of the network or to the improper operation of the equipment.

14. The equipment within the network will observe the essential requirements and the harmonised European standards applicable in Romania. The holder will not pretend – directly or indirectly – for the terminal equipment other requirements than those defined by the applicable standards adopted by ETSI.

III. Coverage and quality conditions¹²

1. Coverage conditions

- a) _____;
- b) _____;
- c) _____.
- d) locality coverage.

1.1. The List of localities and main roads to be covered by the holder is available in Annex no.

2. GSM quality conditions

- a) _____;
- b) _____;
- c) _____.

3. UMTS quality conditions

- a) _____;
- b) _____;
- c) _____.

4. IMT quality conditions other than GSM and UMTS.

In the event of introduction of other technologies, the holder has the obligation to observe the requirements provided for in the corresponding IMT standards.

IV. Verification of the compliance with the coverage and quality conditions

1. The evaluation methodology to be used in order to verify the compliance with the coverage and quality conditions will be established by decision of the ANCOM president on grounds of art. 10 paragraph (1) point 1 and paragraph (2) point 20 of the Government Emergency Ordinance no. 22/2009.

¹² The conditions set in the Terms of Reference will be mentioned.

2. The evaluation of the compliance with the coverage conditions – a determination process by calculation (simulation) or measurements made on the spot with a view to identify the relevant technical parameters of a radiocommunication network for verifying and observing the imposed coverage conditions. For large networks, such as the cellular mobile networks, the on the spot measurements are made on the move, using the equipment installed on autocars.

V. Modification of the radio frequency usage rights

1. The radio frequency usage right may be amended, upon the ANCOM initiative, in accordance with the procedure established under the law, in the following situations

- a) observance of the conditions on the effective, rational and efficient use of the radio frequencies;
- b) prevention of harmful interferences;
- c) implementation of the objectives of European harmonisation and international cooperation regarding the use of the radio frequencies;
- d) compliance with the international agreements to which Romania is a party relating to the use of the radio frequencies;
- e) resolution of the limited availability of the radio frequencies, in certain geographic areas and under specified technical conditions, in the radio frequency bands designated for the type of application intended for the provision of the network making the object of the licence;
- f) implementation of the strategy for the development of the electronic communications and management of the radio frequency spectrum;
- g) modification of the NTFA.

2. In the situation provided at point 1, ANCOM will inform the holder of the usage rights with regard to the modifications which must be operated and grants the holder a corresponding term in view of implementing these modifications, proportionate to their qualitative or quantitative nature.

3. ANCOM will also modify the licences for the use of radio frequencies as a result of the occurrence of one of the following situations:

- a) transfer of the usage rights;
- b) partial waiver of the usage rights;
- c) partial withdrawal of the usage rights, if applicable, under the law.

VI. Transfer of the radio frequency usage rights¹³

1. The radio frequency usage rights may be totally or partially transferred to a third party, under the law, only with the prior approval of ANCOM, with the observance of all the deriving obligations, as well as with the compliance with conditions and objectives set or considered at the award of the right.

¹³ The transfer of the usage rights is also achieved in compliance with art. 35 of the Government Emergency Ordinance no. 111/2011 on electronic communications.

2. If the radio frequency usage rights conferred under the Licence are partially transferred, the holder of this Licence will be able to transfer only blocks of at least 5 MHz.

3. The transfer of the radio frequency usage rights must not effect in the restriction, prevention or distortion of competition and, where the use of the radio frequencies is harmonised at European level, must not lead to changing the usage destination of the frequencies that make the object of this Licence in a way that would contravene to this harmonised use.

4. If the licence for the use of radio frequencies is transferred in totality, the change of the usage destination of the frequencies for which the Licence was awarded is not allowed.

VII. Obligations on the access of the operators of mobile virtual networks¹⁴

_____.

VIII. National roaming¹⁵.

_____.

IX. The spectrum usage tariff

1. The holder has the obligation to pay, for the entire validity period of the usage rights, the spectrum usage tariff, in the amount and within the terms set according to the normative acts in force.

X. Validity period

The radio frequency usage rights are awarded until 5 April 2014¹⁶/5 April 2029.

XI. Revoking of the radio frequency usage rights

1. The radio frequency usage right may be revoked, totally or partially, in accordance with the procedure established under the law, in the following situations:

- a) total withdrawal of the radio frequency usage rights, under the terms of art. 27, art. 147 letter b) in conjunction with art. 141 paragraph (1) or of art. 148 of the Government Emergency Ordinance no. 111/2011 on electronic communications;

¹⁴ The conditions set in the Terms of Reference will be specified.

¹⁵ The conditions set in the Terms of Reference will be specified.

¹⁶ The date of 5 April 2014 is relevant only for the usage rights awarded on a temporary basis (for the period spanning between 1 January 2013 - 5 April 2014).

- b) revoking of the right to use radio frequencies, under the terms of art. 6 paragraph (6) of the Government Emergency Ordinance no. 111/2011 on electronic communications.

XI. Final provisions

1. ANCOM may forbid for a limited period, at the reasoned request of the competent institutions within the system of national defence, public order and national safety, the partial or total use of the usage rights awarded under this Licence where the national safety, public order and national defence impose this measure, as well as where certain engagements assumed under international agreements must be observed.
2. The holder has the obligation to provide ANCOM with all the information and materials the latter requests in view of fulfilling the incumbent duties on the supervision and control of the compliance with the obligations under the present Licence or in the legislation in the electronic communications field.
3. The holder has the obligation to allow the access of the ANCOM control personnel in any location where equipment, apparatus and electronic communications installations are found, in view of their inspection for the purpose of verifying the compliance with the conditions and obligations set under the Licence or in the legislation in the electronic communications field.
4. The non-compliance with the technical and/or operational conditions, as well as with the obligations provided in this Licence, including in its annexes, or the non-observance of any other legal provisions and/or technical regulations applicable to this Licence lead to the enforcement of the sanctions provided for in the legislation in force, which consist of the application of contravention fines, suspension of the right to use the radio frequency spectrum, for a specified term or the revoking of the usage rights, as the case may be.
5. The failure to pay in due term the spectrum usage tariff, according to the law, entails the enforcement of delay penalties, and, for exceeding the legal payment term determined under the terms of the normative acts in force, ANCOM may dispose the suspension and/or revoking of the Licence.
6. The present Licence does not replace other agreements or approvals that are necessary, according to the national legislation in force from other fields than electronic communications, for the carrying out of the holder's activity in Romania during the validity period of the usage rights.
7. The provisions of the present Licence are rightfully completed by the legal provisions in force in the electronic communications field.

[heading of the issuer]

**GUARANTEE TOOL (LETTER OF GUARANTEE)
for the participation with a bid in the competitive selection procedure for
awarding the rights to use the radio frequencies in the
800 MHz, 900 MHz, 1800 MHz and 2600 MHz bands**

To:

**National Authority for Management and Regulation in Communications
2 Delea Noua Street, Sector 3, Bucharest**

Regarding the competitive selection procedure for awarding the rights to use the radio frequencies in the 800 MHz, 900 MHz, 1800 MHz and 2600 MHz bands, we *[name and headquarters of the bank/insurance company]*, unconditionally and irrevocably commit hereby toward the National Authority for Management and Regulation in Communications (ANCOM) to pay the amount of

[amount in letters] ([amount in figures]) euro,

upon the first written request of ANCOM, which does not have the obligation to justify the respective request provided that it specifies therein that the amount owed to, and requested by, ANCOM is thereby requested because of the existence of one of the situations described below:

- (1) *[name of the candidate]*, being declared winner of the selection procedure, does not pay in due time one or several instalments of the owed final price representing the licence fee;
- (2) *[name of the candidate]*, being declared winner of the selection procedure, waives the right to be awarded the licence for the use of radio frequencies;
- (2) *[name of the candidate]* breaches the rules concerning the participation in the selection procedure, set out by ANCOM.

This guarantee is valid until *[day/month/year]*.

This guarantee tool/guarantee letter is governed by the Romanian law.

The Romanian Courts of Law are competent to settle any disputes arising in relation to the present guarantee tool/guarantee letter.

Endorsed by the Issuer _____ on *[day/month/year]*.
(authorised signature)

Practical examples on auction

Assumptions considered:

| Block category | Number of blocks per category | Eligibility points per block | Minimum licence fee per block - euro - |
|----------------------------------|-------------------------------|------------------------------|--|
| A (800 MHz, 06.04.14–05.04.29) | 6 | 175 | 35,000,000 |
| B (900 MHz, 01.01.13–05.04.14) | 5 | 17 | 3,400,000 |
| C (900 MHz, 06.04.14–05.04.29) | 7 | 200 | 40,000,000 |
| D (1800 MHz , 01.01.13–05.04.14) | 6 | 4 | 800,000 |
| E (1800 MHz, 06.04.14–05.04.29) | 15 | 50 | 10,000,000 |
| F (2600 MHz, 06.04.14–05.04.29) | 14 | 20 | 4,000,000 |
| G (2600 MHz, 06.04.14–05.04.29) | 3 | 15 | 3,000,000 |

PRACTICAL EXAMPLE NO. 1

Application form (initial bid) of the application submission stage

Number of bidders and their name: 4 (Alfa, Beta, Gama Delta)

The original bid of the bidders includes requests for the number and categories of blocks, as well as the points of eligibility according to the table below:

| Block category / Frequency band code | Number of blocks requested through the original bid | | | | |
|--|---|------|------|-------|-----------|
| | Alfa | Beta | Gama | Delta | Total |
| A (800 MHz, 06.04.14– 05.04.29) | 2 | 2 | 2 | 2 | 8 |
| B (900 MHz, 01.01.13– 05.04.14) | 3 | 3 | 1 | 2 | 9 |
| C (900 MHz, 06.04.14– 05.04.29) | 2 | 2 | 2 | 2 | 8 |
| D (1800 MHz , 01.01.13– 05.04.14) | 3 | 3 | 2 | 2 | 10 |
| E (1800 MHz, 06.04.14– 05.04.29) | 4 | 4 | 4 | 4 | 16 |
| F (2600 MHz, 06.04.14– 05.04.29) | 4 | 4 | 4 | 4 | 16 |
| G (2600 MHz, 06.04.14– | 1 | 1 | 1 | 1 | 4 |

| | | | | |
|---------------------------|-------------|-------------|-------------|-------------|
| 05.04.29) | | | | |
| Eligibility points | 1108 | 1108 | 1070 | 1048 |

Aggregating the initial bids from all applications and determining the aggregate frequency demand

The need for primary rounds and the bid price in the first primary round result from the following table:

| Block category / Frequency band code | Minimum price per block (minimum licence fee per block) | Available blocks (supply) | Blocks required (demand) | Demand > supply? | Demand/supply rate (<i>r</i>) | Price incremented for the first primary round |
|---|--|----------------------------------|---------------------------------|----------------------------|--------------------------------------|--|
| A (800 MHz, 06.04.14–05.04.29) | 35,000,000 | 6 | 8 | Yes | 1.33 | 38,500,000 |
| B (900 MHz, 01.01.13–05.04.14) | 3,400,000 | 5 | 9 | Yes | 1.80 | 4,080,000 |
| C (900 MHz, 06.04.14–05.04.29) | 40,000,000 | 7 | 8 | Yes | 1.14 | 42,000,000 |
| D (1800 MHz , 01.01.13–05.04.14) | 800,000 | 6 | 10 | Yes | 1.67 | 960,000 |
| E (1800 MHz, 06.04.14–05.04.29) | 10,000,000 | 15 | 16 | Yes | 1.07 | 10,500,000 |
| F (2600 MHz, 06.04.14–05.04.29) | 4,000,000 | 14 | 16 | Yes | 1.14 | 4,200,000 |
| G (2600 MHz, 06.04.14– | 3,000,000 | 3 | 4 | Yes | 1.33 | 3,300,000 |

| | | | | |
|---|-------------|-------------|-------------|-------------|
| Points of eligibility according to the activity in primary round no. 1 | 1108 | 1108 | 1070 | 1087 |
| Points of eligibility under the initial bid | 1108 | 1108 | 1070 | 1087 |
| Is the limit of eligibility points met? | Yes | Yes | Yes | Yes |

Conclusions after the primary round no. 1:

- all bidders maintained their initial bids and retained the eligibility points.

The need for the primary round no. 2 and the bidding price for the primary round no. 2 result from the following table:

| Block category / Frequency band code | Minimum price per block (minimum licence fee per block) | Available blocks (supply) | Blocks required (demand) | Demand > supply? | Demand/supply rate (<i>r</i>) | Price incremented for the second primary round |
|---|--|----------------------------------|---------------------------------|----------------------------|--------------------------------------|---|
| A (800 MHz, 06.04.14–05.04.29) | 38,500,000 | 6 | 8 | Yes | 1.33 | 42,350,000 |
| B (900 MHz, 01.01.13–05.04.14) | 4,080,000 | 5 | 9 | Yes | 1.80 | 4,896,000 |
| C (900 MHz, 06.04.14–05.04.29) | 42,000,000 | 7 | 8 | Yes | 1.14 | 44,100,000 |

| | | | | | | |
|--|------------|----|----|-----|------|------------|
| D (1800 MHz , 01.01.13– 05.04.14) | 960,000 | 6 | 10 | Yes | 1.67 | 1,152,000 |
| E (1800 MHz, 06.04.14– 05.04.29) | 10,500,000 | 15 | 16 | Yes | 1.07 | 11,025,000 |
| F (2600 MHz, 06.04.14– 05.04.29) | 4,200,000 | 14 | 16 | Yes | 1.14 | 4,410,000 |
| G (2600 MHz, 06.04.14– 05.04.29) | 3,300,000 | 3 | 4 | Yes | 1.33 | 3,630,000 |
| Is the second primary round to be held? (is there even one block category where the demand exceeds the supply?) | | | | | | Yes |

Primary round no. 2

BThe bidders submit their bids in accordance with the maximum limit of eligibility points from the primary round no. 1:

| Block category / Frequency band code | Number of blocks requested in the primary round no. 2 | | | | |
|--|---|------|------|-------|-------|
| | Alfa | Beta | Gama | Delta | Total |
| A (800 MHz, 06.04.14– 05.04.29) | 2 | 2 | 1 | 1 | 6 |
| B (900 MHz, 01.01.13– 05.04.14) | 3 | 3 | 1 | 2 | 9 |
| C (900 MHz, 06.04.14– 05.04.29) | 2 | 2 | 2 | 2 | 8 |
| D (1800 MHz , 01.01.13– | 3 | 3 | 2 | 2 | 10 |

| | | | | | |
|---|-------------|-------------|-------------|-------------|----|
| 05.04.14) | | | | | |
| E (1800 MHz, 06.04.14–05.04.29) | 4 | 4 | 4 | 4 | 16 |
| F (2600 MHz, 06.04.14–05.04.29) | 4 | 4 | 6 | 6 | 20 |
| G (2600 MHz, 06.04.14–05.04.29) | 1 | 1 | 1 | 1 | 4 |
| Points of eligibility according to the activity in primary round no. 2 | 1108 | 1108 | 935 | 952 | |
| Points of eligibility according to the activity in primary round no. 1 | 1108 | 1108 | 1070 | 1087 | |
| Is the limit of eligibility points met? | Yes | Yes | Yes | Yes | |

Conclusions after the primary round no. 2:

- Gama and Delta partially give up blocks of category B, but increase the demand for blocks in category F, observing the limit of eligibility points according to the activity in the previous round;
- due to submitting their bids this way, Gamma and Delta lower their eligibility points.

The need for primary round no. 3 and the bid price for the primary round no. 3 result from the following table:

| Block category / Frequency band code | Minimum price per block (minimum licence fee per block) | Available blocks (supply) | Blocks required (demand) | Demand > supply? | Demand/supply rate (<i>r</i>) | Price incremented for the third primary round |
|---|---|---------------------------|--------------------------|------------------|---------------------------------|---|
| A (800 MHz, 06.04.14–05.04.29) | 42,350,000 | 6 | 6 | No | 1.00 | 42,350,000 |
| B (900 MHz, 01.01.13–05.04.14) | 4,896,000 | 5 | 9 | Yes | 1.80 | 5,875,200 |
| C (900 MHz, 06.04.14–05.04.29) | 44,100,000 | 7 | 8 | Yes | 1.14 | 46,305,000 |
| D (1800 MHz, 01.01.13–05.04.14) | 1,152,000 | 6 | 10 | Yes | 1.67 | 1,382,400 |
| E (1800 MHz, 06.04.14–05.04.29) | 11,025,000 | 15 | 16 | Yes | 1.07 | 11,576,250 |
| F (2600 MHz, 06.04.14–05.04.29) | 4,410,000 | 14 | 20 | Yes | 1.43 | 5,071,500 |
| G (2600 MHz, 06.04.14–05.04.29) | 3,630,000 | 3 | 4 | Yes | 1.33 | 3,993,000 |
| Is the third primary round to be held? (is there even one block category where the demand exceeds the supply?) | | | | | | Yes |

Primary round no. 3

The bidders submit their bids in accordance with the maximum limit of eligibility points from the primary round no. 2:

| Block category / Frequency band code | Number of blocks requested in the primary round no. 3 | | | | |
|---|---|-------------|------------|------------|-----------|
| | Alfa | Beta | Gama | Delta | Total |
| A (800 MHz, 06.04.14– 05.04.29) | 2 | 2 | 1 | 1 | 6 |
| B (900 MHz, 01.01.13– 05.04.14) | 2 | 2 | 1 | 2 | 7 |
| C (900 MHz, 06.04.14– 05.04.29) | 2 | 2 | 2 | 2 | 8 |
| D (1800 MHz , 01.01.13– 05.04.14) | 3 | 3 | 2 | 2 | 10 |
| E (1800 MHz, 06.04.14– 05.04.29) | 4 | 4 | 3 | 3 | 14 |
| F (2600 MHz, 06.04.14– 05.04.29) | 3 | 3 | 6 | 6 | 18 |
| G (2600 MHz, 06.04.14– 05.04.29) | 1 | 1 | 1 | 1 | 4 |
| Points of eligibility according to the activity in | 1071 | 1071 | 885 | 902 | |

| | | | | |
|---|-------------|-------------|------------|------------|
| primary round no. 3 | | | | |
| Points of eligibility according to the activity in primary round no. 2 | 1108 | 1108 | 935 | 952 |
| Is the limit of eligibility points met? | Yes | Yes | Yes | Yes |

Conclusions after the primary round no. 3:

- all bidders give up certain blocks and do not bid others instead;
- each bidder thus lowers its eligibility points.

The need for primary round no. 4 and the bid price for the primary round no. 4 result from the following table:

| Block category / Frequency band code | Minimum price per block (minimum licence fee per block) | Available blocks (supply) | Blocks required (demand) | Demand > supply? | Demand/supply rate (<i>r</i>) | Price incremented for the fourth primary round |
|---|--|----------------------------------|---------------------------------|----------------------------|--------------------------------------|---|
| A (800 MHz, 06.04.14–05.04.29) | 42,350,000 | 6 | 6 | No | 1.00 | 42,350,000 |
| B (900 MHz, 01.01.13–05.04.14) | 5,875,200 | 5 | 7 | Yes | 1.40 | 6,756,480 |
| C (900 MHz, 06.04.14–05.04.29) | 46,305,000 | 7 | 8 | Yes | 1.14 | 48,620,250 |

| | | | | | | |
|--|------------|----|----|-----|------|------------|
| D (1800 MHz , 01.01.13– 05.04.14) | 1,382,400 | 6 | 10 | Yes | 1.67 | 1,658,880 |
| E (1800 MHz, 06.04.14– 05.04.29) | 11,576,250 | 15 | 14 | No | 0.93 | 11,576,250 |
| F (2600 MHz, 06.04.14– 05.04.29) | 5,071,500 | 14 | 18 | Yes | 1.29 | 5,578,650 |
| G (2600 MHz, 06.04.14– 05.04.29) | 3,993,000 | 3 | 4 | Yes | 1.33 | 4,392,300 |
| Is the fourth primary round to be held? (is there even one block category where the demand exceeds the supply?) | | | | | | Yes |

Primary round no. 4

The bidders submit their bids in accordance with the maximum limit of eligibility points from primary round no. 3:

| Block category / Frequency band code | Number of blocks requested in the primary round no. 4 | | | | |
|--|---|------|------|-------|-------|
| | Alfa | Beta | Gama | Delta | Total |
| A (800 MHz, 06.04.14–05.04.29) | 2 | 2 | 1 | 1 | 6 |
| B (900 MHz, 01.01.13–05.04.14) | 2 | 2 | 1 | 1 | 6 |
| C (900 MHz, 06.04.14–05.04.29) | 2 | 2 | 1 | 2 | 7 |
| D (1800 MHz , 01.01.13–05.04.14) | 3 | 3 | 2 | 2 | 10 |
| E (1800 MHz, 06.04.14–05.04.29) | 4 | 4 | 4 | 3 | 15 |
| F (2600 MHz, 06.04.14–05.04.29) | 2 | 2 | 5 | 5 | 14 |

| | | | | | |
|--|------|------|-----|-----|---|
| G (2600 MHz, 06.04.14–05.04.29) | 1 | 1 | 1 | 1 | 4 |
| Points of eligibility according to the activity in primary round no. 4 | 1051 | 1051 | 715 | 865 | |
| Points of eligibility according to the activity in primary round no. 3 | 1071 | 1071 | 885 | 902 | |
| Is the limit of eligibility points met? | Yes | Yes | Yes | Yes | |

Conclusions after the primary round no. 4:

- following the bids of Gama and Delta, the number of bands where demand is in excess is reduced;
- Alpha and Beta maintain their bids nearly identical with their initial ones.

The need for primary round no. 5 and the bid price for the primary round no. 5 result from the following table:

| Block category / Frequency band code | Minimum price per block (minimum licence fee per block) | Available blocks (supply) | Blocks required (demand) | Demand > supply? | Demand/supply rate (<i>r</i>) | Price incremented for the fifth primary round |
|--------------------------------------|---|---------------------------|--------------------------|------------------|---------------------------------|---|
| A (800 MHz, 06.04.14–05.04.29) | 42,350,000 | 6 | 6 | No | 1.00 | 42,350,000 |
| B (900 MHz, 01.01.13–05.04.14) | 6,756,480 | 5 | 6 | Yes | 1.20 | 7,094,304 |
| C (900 MHz, 06.04.14–05.04.29) | 48,620,250 | 7 | 7 | No | 1.00 | 48,620,250 |
| D (1800 MHz , | 1,658,880 | 6 | 10 | Yes | 1.67 | 1,990,656 |

| | | | | | | |
|---|------------|----|----|-----|------|-------------------|
| 01.01.13–05.04.14) | | | | | | |
| E (1800 MHz, 06.04.14–05.04.29) | 11,576,250 | 15 | 15 | No | 1.00 | 11,576,250 |
| F (2600 MHz, 06.04.14–05.04.29) | 5,578,650 | 14 | 14 | No | 1.00 | 5,578,650 |
| G (2600 MHz, 06.04.14–05.04.29) | 4,392,300 | 3 | 4 | Yes | 1.33 | 4,831,530 |
| Is the fifth primary round to be held? (is there even one block category where the demand exceeds the supply?) | | | | | | Yes |

Primary round no. 5

The bidders submit their bids in accordance with the maximum limit of eligibility points from the primary round no. 4:

| Block category / Frequency band code | Number of blocks requested in the primary round no. 5 | | | | |
|--|---|-------------|------------|------------|-------|
| | Alfa | Beta | Gama | Delta | Total |
| A (800 MHz, 06.04.14–05.04.29) | 2 | 2 | 1 | 1 | 6 |
| B (900 MHz, 01.01.13–05.04.14) | 2 | 2 | 1 | 0 | 5 |
| C (900 MHz, 06.04.14–05.04.29) | 2 | 2 | 1 | 2 | 7 |
| D (1800 MHz , 01.01.13–05.04.14) | 3 | 3 | 2 | 0 | 8 |
| E (1800 MHz, 06.04.14–05.04.29) | 4 | 4 | 4 | 3 | 15 |
| F (2600 MHz, 06.04.14–05.04.29) | 2 | 2 | 5 | 5 | 14 |
| G (2600 MHz, 06.04.14–05.04.29) | 1 | 1 | 1 | 0 | 3 |
| Points of eligibility | 1051 | 1051 | 715 | 825 | |

| | | | | |
|--|------|------|-----|-----|
| according to the activity in primary round no. 5 | | | | |
| Points of eligibility according to the activity in primary round no. 4 | 1051 | 1051 | 715 | 865 |
| Is the limit of eligibility points met? | Yes | Yes | Yes | Yes |

Conclusions after the primary round no. 5:

- Delta gives up certain blocks;
- The demand remains in excess only in the D category.

The need for primary round no. 6 and the bid price for the primary round no. 6 result from the following table:

| Block category / Frequency band code | Minimum price per block (minimum licence fee per block) | Available blocks (supply) | Blocks required (demand) | Demand > supply? | Demand/supply rate (<i>r</i>) | Price incremented for the sixth primary round |
|--|---|---------------------------|--------------------------|------------------|---------------------------------|---|
| A (800 MHz, 06.04.14–05.04.29) | 42,350,000 | 6 | 6 | No | 1.00 | 4,350,000 |
| B (900 MHz, 01.01.13–05.04.14) | 7,094,304 | 5 | 5 | No | 1.00 | 7,094,304 |
| C (900 MHz, 06.04.14–05.04.29) | 48,620,250 | 7 | 7 | No | 1.00 | 48,620,250 |
| D (1800 MHz, 01.01.13–05.04.14) | 1,990,656 | 6 | 8 | Yes | 1.33 | 2,189,722 |
| E (1800 MHz, 06.04.14–05.04.29) | 11,576,250 | 15 | 15 | No | 1.00 | 11,576,250 |

| | | | | | | |
|---|-----------|----|----|----|------|------------|
| F (2600 MHz, 06.04.14–05.04.29) | 5,578,650 | 14 | 14 | No | 1.00 | 5,578,650 |
| G (2600 MHz, 06.04.14–05.04.29) | 4,831,530 | 3 | 3 | No | 1.00 | 4,831,530 |
| Is the sixth primary round to be held? (is there even one block category where the demand exceeds the supply?) | | | | | | Yes |

Primary round no. 6

The bidders submit their bids in accordance with the maximum limit of eligibility points from the primary round no. 5:

| Block category / Frequency band code | Number of blocks requested in the primary round no. 6 | | | | |
|---|---|-------------|------------|------------|-------|
| | Alfa | Beta | Gama | Delta | Total |
| A (800 MHz, 06.04.14–05.04.29) | 2 | 2 | 1 | 1 | 6 |
| B (900 MHz, 01.01.13–05.04.14) | 2 | 2 | 1 | 0 | 5 |
| C (900 MHz, 06.04.14–05.04.29) | 2 | 2 | 1 | 2 | 7 |
| D (1800 MHz , 01.01.13–05.04.14) | 3 | 3 | 0 | 0 | 6 |
| E (1800 MHz, 06.04.14–05.04.29) | 4 | 4 | 3 | 3 | 14 |
| F (2600 MHz, 06.04.14–05.04.29) | 2 | 2 | 5 | 3 | 12 |
| G (2600 MHz, 06.04.14–05.04.29) | 1 | 0 | 1 | 0 | 2 |
| Points of eligibility according to the activity in primary round no. 6 | 1051 | 1036 | 657 | 785 | |

| | | | | |
|---|-------------|-------------|------------|------------|
| Points of eligibility according to the activity in primary round no. 5 | 1051 | 1051 | 715 | 825 |
| Is the limit of eligibility points met? | Yes | Yes | Yes | Yes |

Conclusions after the primary round no. 6:

- Gama gives up the blocks in the D category;
- thus, in category D, demand is no longer in excess;
- no other bidder requires additional blocks, but certain blocks in other categories are given up.

There is no excess demand within any category of frequency blocks, as shown in the following table, so round no. 6 is the last primary round.

| Block category / Frequency band code | Minimum price per block (minimum licence fee per block) | Available blocks (supply) | Blocks required (demand) | Demand > supply? | Demand/supply rate (<i>r</i>) | Basic price |
|---|--|----------------------------------|---------------------------------|----------------------------|--------------------------------------|--------------------|
| A (800 MHz, 06.04.14–05.04.29) | 42,350,000 | 6 | 6 | No | 1.00 | 42,350,000 |
| B (900 MHz, 01.01.13–05.04.14) | 7,094,304 | 5 | 5 | No | 1.00 | 7,094,304 |
| C (900 MHz, 06.04.14–05.04.29) | 48,620,250 | 7 | 7 | No | 1.00 | 48,620,250 |
| D (1800 MHz, 01.01.13–05.04.14) | 2,189,722 | 6 | 6 | No | 1.00 | 2,189,722 |
| E (1800 MHz, 06.04.14–05.04.29) | 11,576,250 | 15 | 14 | No | 0.93 | 11,576,250 |

| | | | | | | |
|---|-----------|----|----|----|------|------------------|
| F (2600 MHz, 06.04.14–05.04.29) | 5,578,650 | 14 | 12 | No | 0.86 | 5,578,650 |
| G (2600 MHz, 06.04.14–05.04.29) | 4,831,530 | 3 | 2 | No | 0.67 | 4,831,530 |
| Is the seventh primary round to be held? (is there even one block category where the demand exceeds the supply?) | | | | | | No |

Determining the winning bidders in the primary rounds and determining the basic price in these rounds

All bidders submitted valid offers in the primary round no. 6, so all their bids will be declared as winning bids, and the basic prices that bidders must pay are calculated by multiplying the incremented price for each block category with the number of blocks required by each bidder individually, as follows:

| Block category / Frequency band code | Number of blocks won in the final primary round | | | | Basic price per block |
|--|---|-----------------------|-----------------------|-----------------------|--------------------------|
| | Alfa | Beta | Gama | Delta | |
| A (800 MHz, 06.04.14–05.04.29) | 2 | 2 | 1 | 1 | 42,350,000 |
| B (900 MHz, 01.01.13–05.04.14) | 2 | 2 | 1 | 0 | 7,094,304 |
| C (900 MHz, 06.04.14–05.04.29) | 2 | 2 | 1 | 2 | 48,620,250 |
| D (1800 MHz, 01.01.13–05.04.14) | 3 | 3 | 0 | 0 | 2,189,722 |
| E (1800 MHz, 06.04.14–05.04.29) | 4 | 4 | 3 | 3 | 11,576,250 |
| F (2600 MHz, 06.04.14–05.04.29) | 2 | 2 | 5 | 3 | 5,578,650 |
| G (2600 MHz, 06.04.14–05.04.29) | 1 | 0 | 1 | 0 | 4,831,530 |
| Basic price per bidder | 264,992,102.80 | 260,160,572.80 | 165,518,084.00 | 191,055,200.00 | |

Additional rounds

Since in the E, F and G categories of blocks, following completion of primary rounds, there are still blocks available, they will be offered for auction in additional rounds at the bid value of the last primary round for which the demand exceeded the supply, as follows:

| Block category / Frequency band code | Minimum price per block | Available blocks (supply) | Remarks |
|--------------------------------------|-------------------------|---------------------------|-------------------------------|
| E (1800 MHz, 06.04.14–05.04.29) | 11,576,250.00 | 1 | Price obtained in round no. 2 |
| F (2600 MHz, 06.04.14–05.04.29) | 5,578,650.00 | 2 | Price obtained in round no. 5 |
| G (2600 MHz, 06.04.14–05.04.29) | 4,831,530.00 | 1 | Price obtained in round no. 2 |

Additional round no. 1

No bid is made and the Commission decides to hold another additional round. During this round, the minimum price per block will be as in the following table:

| Block category / Frequency band code | Minimum price per block (minimum licence fee per block) | Available blocks (supply) | Remarks |
|--------------------------------------|---|---------------------------|---|
| E (1800 MHz, 06.04.14–05.04.29) | 10,000,000 | 1 | The minimum price is equal to the minimum licence fee per block |
| F (2600 MHz, 06.04.14–05.04.29) | 4,000,000 | 2 | The minimum price is equal to the minimum licence fee per block |

| | | | |
|------------------------------------|-----------|---|--|
| G (2600 MHz, 06.04.14–05.04.29) | 3,000,000 | 1 | The minimum price is equal to the minimum licence fee per block |
|------------------------------------|-----------|---|--|

Additional round no. 2

Bids are submitted as shown in the following table:

| Block category / Frequency band code | Number of blocks requested in the additional round no. 2 | | | | | |
|--|--|---------------------|----------------------|---------------------|---------------------|----------------------|
| | Alfa-package_1 | Alfa-package_2 | Alfa-package_3 | Beta_package_1 | Delta_package_1 | Delta_package_2 |
| E (1800 MHz, 06.04.14–05.04.29) | 1 | 1 | 1 | 0 | 0 | 1 |
| F (2600 MHz, 06.04.14–05.04.29) | 0 | 2 | 2 | 2 | 0 | 2 |
| G (2600 MHz, 06.04.14–05.04.29) | 1 | 0 | 1 | 0 | 1 | 1 |
| Price bid | 14,000,000.00 | 2,000,000.00 | 21,000,000.00 | 9,000,000.00 | 4,000,000.00 | 22,000,000.00 |

Conclusions after the additional round no. 2:

- bids or combinations of bids that result in the awarding of the largest amount of spectrum are the following:

1. Alfa-package_1 + Beta-package_1 = 23,000,000 (the entire available spectrum is awarded)
2. Alfa-package_2 + Delta-package_1 = 24,000,000 (the entire available spectrum is awarded)
3. Alfa-package_3 = 21,000,000 (the entire available spectrum is awarded)
4. Delta-package_2 = 22,000,000 (the entire available spectrum is awarded)

- thus, through the package combination no. 2, the full radio spectrum that remained available after the primary rounds is mainly awarded and, also, the higher basic price is obtained;

- in the additional rounds, Alfa obtains 1 block in the E category and 2 blocks in the F category for the basic price of 20,000,000;

- in the additional rounds, Delta obtains 1 block in the G category for the basic price of 4,000,000.

Following the primary and additional rounds, the bidders have won the following blocks, at the following basic prices:

| Block category / Frequency band code | Number of blocks won in the primary and additional rounds | | | |
|--|---|-----------------------|-----------------------|-----------------------|
| | Alfa | Beta | Gama | Delta |
| A (800 MHz, 06.04.14–05.04.29) | 2 | 2 | 1 | 1 |
| B (900 MHz, 01.01.13–05.04.14) | 2 | 2 | 1 | 0 |
| C (900 MHz, 06.04.14–05.04.29) | 2 | 2 | 1 | 2 |
| D (1800 MHz , 01.01.13–05.04.14) | 3 | 3 | 0 | 0 |
| E (1800 MHz, 06.04.14–05.04.29) | 5 | 4 | 3 | 3 |
| F (2600 MHz, 06.04.14–05.04.29) | 4 | 2 | 5 | 3 |
| G (2600 MHz, 06.04.14–05.04.29) | 1 | 0 | 1 | 1 |
| Basic price in the primary round | 264,992,102.80 | 260,160,572.80 | 165,518,084.00 | 191,055,200.00 |
| Basic price in the additional round | 20,000,000.00 | 0.00 | 0.00 | 4,000,000.00 |
| Total basic price | 284,992,102.80 | 260,160,572.80 | 165,518,084.00 | 195,055,200.00 |

Assignment round

For each bidder, the Commission prepares and presents him with his bid form which will include a list of **all frequency assignment options available to that respective bidder** in each of the bands where he has won blocks of frequencies in primary and additional rounds. Thus, the structure of the bid forms is different for each bidder if, in at least one category of blocks, the number of assigned blocks is different.

Each bidder may bid additional prices for one or several combinations of assignments included in the bid form.

The winning combination is the combination of valid assignment bids submitted, which has the highest total value of all possible combinations, if the following conditions are fulfilled:

- a) combination includes one single bid from each bidder;
- b) each bidder is assigned, in each category, the amount of spectrum that he gained in the primary and additional rounds;
- c) each bidder is assigned adjacent frequencies in each category;
- d) ranges of frequencies assigned to a certain must not overlap with those assigned to another bidder; and
- e) any unassigned blocks will be adjacent and will be positioned in accordance with the rules under Section 5.4.6.

For the purposes of this example, we assume the winning combination is made of the following bids:

- **Alfa_bid_X (contains the frequency assignment option no. 2 from the Alfa bid form) = 12,000,000**
- **Beta_bid_Y (contains the frequency assignment option no. 7 from the Beta bid form) = 9,000,000**
- **Gama_bid_Z (contains the frequency assignment option no. 1 from the Gama bid form) = 6,000,000**

Conclusions after the assignment round:

- [the frequency assignment option no. 2 from the Alfa bid form] & [the frequency assignment option no. 7 from the Beta bid form] & [the frequency assignment option no. 1 from the Gama bid form] covers all frequency blocks awarded during the primary and additional rounds;
- Alpha, Beta and Gama will have the awarded blocks assigned in bands according to the options / previous winning assignment bids;
- Delta will have the awarded blocks assigned in bands in the combination that remains after Alpha, Beta and Gama assignments, according to their winning options;
- Alfa, Beta and Gama must pay the additional bided prices, respectively 12,000,000, 9,000,000 and 6,000,000.

Following the auction stages (primary rounds, additional rounds and assignment round) the bidders must pay the following licence fees:

| | | | |
|-------------|-------------|-------------|--------------|
| Alfa | Beta | Gama | Delta |
|-------------|-------------|-------------|--------------|

| | | | | |
|-------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Basic price in the primary round | 264,992,102.80 | 260,160,572.80 | 165,518,084.00 | 191,055,200.00 |
| Basic price in the additional round | 20,000,000.00 | 0.00 | 0.00 | 4,000,000.00 |
| Additional price | 12,000,000.00 | 9,000,000.00 | 6,000,000.00 | 0.00 |
| Licence fee | 296,992,102.80 | 269,160,572.80 | 171,518,084.00 | 195,055,200.00 |

PRACTICAL EXAMPLE NO. 2

Application form (initial bid) of the application phase

Number of bidders and their name: 4 (Alfa, Beta, Gama Delta)

The original bid of the bidders includes requests for the number and category of blocks, as well as the points of eligibility according to the table below:

| Block category / Frequency band code | Number of blocks requested by the original bid | | | | |
|--|--|------|------|-------|-----------|
| | Alfa | Beta | Gama | Delta | Total |
| A (800 MHz, 06.04.14– 05.04.29) | 2 | 2 | 1 | 1 | 6 |
| B (900 MHz, 01.01.13– 05.04.14) | 2 | 2 | 0 | 0 | 4 |
| C (900 MHz, 06.04.14– 05.04.29) | 2 | 2 | 2 | 0 | 6 |
| D (1800 MHz , 01.01.13– 05.04.14) | 2 | 2 | 1 | 1 | 6 |
| E (1800 MHz, 06.04.14– 05.04.29) | 2 | 2 | 4 | 4 | 12 |
| F (2600 MHz, 06.04.14– 05.04.29) | 4 | 4 | 3 | 3 | 14 |

| | | | | | |
|--|------------|------------|------------|------------|---|
| G (2600 MHz, 06.04.14– 05.04.29) | 1 | 0 | 1 | 1 | 3 |
| Eligibility points | 987 | 972 | 854 | 454 | |

Aggregating the initial bids from all applications and determining the aggregate frequency demand

The following result from the table below:

- there is no excess demand following the initial bids, therefore the primary rounds are not needed
- there are certain blocks remaining, for which there is no aggregate demand through the initial bids, therefore no additional rounds are required
- the minimum prices for the packages bid during the additional round/rounds, which is the minimum license fee.

| Block category / Frequency band code | Minimum price per block (minimum licence fee per block) | Available blocks (supply) | Blocks required (demand) | Demand > supply? | Demand/supply rate (<i>r</i>) | Reserve price |
|---|---|------------------------------|-----------------------------|------------------|------------------------------------|---------------|
| A (800 MHz, 06.04.14–05.04.29) | 35,000,000 | 6 | 6 | No | 1.00 | 35,000,000 |
| B (900 MHz, 01.01.13–05.04.14) | 3,400,000 | 5 | 4 | No | 0.80 | 3,400,000 |
| C (900 MHz, 06.04.14–05.04.29) | 40,000,000 | 7 | 6 | No | 0.86 | 40,000,000 |
| D (1800 MHz , 01.01.13–05.04.14) | 800,000 | 6 | 6 | No | 1.00 | 800,000 |
| E (1800 MHz, 06.04.14–05.04.29) | 10,000,000 | 15 | 12 | No | 0.80 | 10,000,000 |
| F (2600 MHz, 06.04.14–05.04.29) | 4,000,000 | 14 | 14 | No | 1.00 | 4,000,000 |
| G (2600 MHz, 06.04.14–05.04.29) | 3,000,000 | 3 | 3 | No | 1.00 | 3,000,000 |
| Is the first primary round to be held? (is there even one block category where the demand exceeds the supply?) | | | | | | No |

| | |
|---|-----|
| Is the first additional round to be held? (is there even one block category where the demand is lower than the supply?) | Yes |
|---|-----|

Additional rounds

Since in the B, C and E categories of blocks, following the initial bids, there are blocks still available, they will be offered for auction in additional rounds at a value equal to the minimum licence fee, as follows:

| Block category / Frequency band code | Minimum price per block | Available blocks (supply) | Remarks |
|--------------------------------------|-------------------------|---------------------------|---------------------|
| B (900 MHz, 01.01.13–05.04.14) | 3,400,000 | 1 | Minimum licence fee |
| C (900 MHz, 06.04.14–05.04.29) | 40,000,000 | 1 | Minimum licence fee |
| E (1800 MHz, 06.04.14–05.04.29) | 10,000,000 | 3 | Minimum licence fee |

Additional round no. 1

The bids are submitted as in the following table:

| Block category / Frequency band code | Number of blocks requested in additional round no. 1 | | | | | |
|--------------------------------------|--|----------------|----------------|----------------|-----------------|-----------------|
| | Alfa-package_1 | Beta_package_1 | Beta_package_2 | Gama_package_1 | Delta_package_1 | Delta_package_2 |
| B (900 MHz, 01.01.13–05.04.14) | 1 | 1 | 1 | 0 | 0 | 0 |
| C (900 MHz, 06.04.14–05.04.29) | 0 | 0 | 0 | 1 | 1 | 1 |
| E (1800 MHz, 06.04.14–05.04.29) | 1 | 2 | 1 | 0 | 0 | 3 |

| | | | | | | |
|-----------|---------------|---------------|---------------|---------------|---------------|---------------|
| Price bid | 14,000,000.00 | 25,000,000.00 | 15,000,000.00 | 42,000,000.00 | 45,000,000.00 | 80,000,000.00 |
|-----------|---------------|---------------|---------------|---------------|---------------|---------------|

Conclusions after the additional round no. 1:

- bids or combinations of bids leading to the awarding of the largest amount of spectrum are the following:

1. Alfa-package_1 + Gama-package_1 = 74,000,000 (1 E block is not awarded)
2. Beta_package_1 + Gama-package_1 = 67,000,000 (1 E block is not awarded)
2. Beta_package_1 + Delta-package_1 = 70,000,000 (1 E block is not awarded)
4. Delta_package_3 = 80,000,000 (1 B bloc is not awarded)

- thus, by the package combination no. 4, the largest amount of spectrum, available after the initial bids and due to the primary rounds not being held, is mainly awarded and also, the highest basic price is obtained;

- in additional round no. 1, Delta obtains 1 block in the C category and 3 blocks in the E category for the basic price of 80,000,000.

Following the initial bid and the first additional round, the bidders have won the following blocks, at the following basic prices:

| Block category / Frequency band code | Number of blocks won in the primary and additional rounds | | | |
|--|---|------|------|-------|
| | Alfa | Beta | Gama | Delta |
| A (800 MHz, 06.04.14–05.04.29) | 2 | 2 | 1 | 1 |
| B (900 MHz, 01.01.13– 05.04.14) | 2 | 2 | 0 | 0 |
| C (900 MHz, 06.04.14– 05.04.29) | 2 | 2 | 2 | 1 |
| D (1800 MHz , 01.01.13– 05.04.14) | 2 | 2 | 1 | 1 |
| E (1800 MHz, | 2 | 2 | 4 | 7 |

| | | | | |
|---|-----------------------|-----------------------|-----------------------|-----------------------|
| 06.04.14– 05.04.29) | | | | |
| F (2600 MHz, 06.04.14– 05.04.29) | 4 | 4 | 3 | 3 |
| G (2600 MHz, 06.04.14– 05.04.29) | 1 | 0 | 1 | 1 |
| Basic price in the initial bid | 197,400,000.00 | 194,400,000.00 | 170,800,000.00 | 160,800,000.00 |
| Basic price in the additional round | 0.00 | 0.00 | 0.00 | 80,000,000.00 |
| Total basic price | 197,400,000.00 | 194,400,000.00 | 170,800,000.00 | 240,800,000.00 |

Since in the B category of blocks, following the initial bids and the first additional round, there are blocks still available, they will be offered for auction in the additional round no. 2 at a value equal to the minimum license fee, as follows:

| Block category / Frequency band code | Minimum price per block | Available blocks (supply) | Remarks |
|--|----------------------------|------------------------------|------------------------|
| B (900 MHz, 01.01.13–05.04.14) | 3,400,000 | 1 | Minimum licence fee |

Additional round no. 2

Bids are submitted as shown in the following table:

| Block category / Frequency band code | Number of blocks requested in the additional round no. 2 | | | |
|--|--|------|------|-------|
| | Alfa | Beta | Gama | Delta |
| B (900 MHz, 01.01.13–05.04.14) | 1 | 1 | 1 | 1 |

| | | | | |
|------------------|---------------------|---------------------|---------------------|---------------------|
| Price bid | 4,000,000.00 | 3,500,000.00 | 5,000,000.00 | 4,000,000.00 |
|------------------|---------------------|---------------------|---------------------|---------------------|

Conclusions after the additional round no. 2:

- the highest bid belongs to Gama, the last block from the B category remained unawarded;
- in additional round no. 2, Gama obtains 1 block in the B category at the basic price of 5,000,000;
- there is no other unawarded block, in any category.

Following the initial bid and the additional rounds, the bidders have won the following blocks, at the following basic prices:

| Block category / Frequency band code | Number of blocks won in the primary and additional rounds | | | |
|---|--|-----------------------|-----------------------|-----------------------|
| | Alfa | Beta | Gama | Delta |
| A (800 MHz, 06.04.14–05.04.29) | 2 | 2 | 1 | 1 |
| B (900 MHz, 01.01.13–05.04.14) | 2 | 2 | 1 | 0 |
| C (900 MHz, 06.04.14–05.04.29) | 2 | 2 | 2 | 1 |
| D (1800 MHz , 01.01.13–05.04.14) | 2 | 2 | 1 | 1 |
| E (1800 MHz, 06.04.14–05.04.29) | 2 | 2 | 4 | 7 |
| F (2600 MHz, 06.04.14–05.04.29) | 4 | 4 | 3 | 3 |
| G (2600 MHz, 06.04.14–05.04.29) | 1 | 0 | 1 | 1 |
| Basic price in the initial bid | 197,400,000.00 | 194,400,000.00 | 170,800,000.00 | 160,800,000.00 |
| Basic price in the additional round no. 1 | 0.00 | 0.00 | 0.00 | 80,000,000.00 |
| Basic price in the additional round no . 2 | 0.00 | 0.00 | 5,000,000.00 | 0.00 |
| Total basic price | 197,400,000.00 | 194,400,000.00 | 175,800,000.00 | 240,800,000.00 |

Assignment round

For each bidder, the Commission prepares and present him with its bid form which includes a list of **all frequency assignment options available to that respective bidder** in each of the bands where he won blocks of frequencies during the primary and additional rounds. Thus, the structure of the bid forms is different for each bidder if, at least in one category of blocks, the number of assigned blocks is different.

Each bidder may bid additional prices for one or several combinations of assignments included in the bid form.

The winning combination is the combination of valid assignment bids submitted, which has the highest total value of all possible combinations, if the following conditions are fulfilled:

- a) the combination includes one single offer from each bidder;
- b) each bidder is assigned, in each category, the amount of radio spectrum he has won in the primary and additional rounds;
- c) each bidder is assigned adjacent frequencies in each category ;
- d) ranges of frequencies assigned to a bidder do not overlap with those assigned to another bidder; and
- e) any unassigned blocks are adjacent and are positioned in accordance with the rules under Section 5.4.6.

For the purposes of this example, we assume the winning combination is made of the following bids:

- **Alfa_bid_X (contains the frequency assignment option no. 2 from the bid form of Alfa) = 8,000,000**
- **Beta_bid_Y (contains the frequency assignment option no. 1 from the bid form of Beta) = 10,000,000**
- **Gama_bid_Z (contains the frequency assignment option no. 5 from the bid form of Gama) = 15,000,000**
- **Delta_bid_T (contains the frequency assignment option no. 3 from the bid form of Gama) = 6,000,000**

Conclusions after the assignment round:

- [frequency assignment option no. 2 of the tender form of Alfa] &
[frequency assignment option no. 1 from the bid form of Beta] &
[frequency assignment option no. 5 from the bid form of Gama] &
[frequency assignment option no. 3 from the bid form of Gama] covers all frequency blocks awarded in the primary and additional rounds.
- the bidders will have the awarded blocks assigned in bands according to the options / previous winning assignment bids
- the bidders must pay additional prices bid, respectively 8,000,000, 10,000,000, 15,000,000 and 6,000,000.

Following the auction stages (additional rounds and assignment round) the bidders must pay the following licence fees:

| | Alfa | Beta | Gama | Delta |
|---|-----------------------|-----------------------|-----------------------|-----------------------|
| Basic price in the initial bid | 197,400,000.00 | 194,400,000.00 | 170,800,000.00 | 160,800,000.00 |
| Basic price in the additional round no. 1 | 0.00 | 0.00 | 0.00 | 80,000,000.00 |
| Basic price in the additional round no. 2 | 0.00 | 0.00 | 5,000,000.00 | 0.00 |
| Additional price | 8,000,000.00 | 10,000,000.00 | 15,000,000.00 | 6,000,000.00 |
| Licence fee | 205,400,000.00 | 204,400,000.00 | 190,800,000.00 | 246,800,000.00 |

PRACTICAL EXAMPLE NO. 3

Application form (initial bid) of the application phase

Number of bidders and their name: 4 (Alfa, Beta, Gama Delta)

Original bid of the bidders includes requests for the number and category of blocks, as well as the points of eligibility according to the table below:

| Block category / Frequency band code | Number of blocks requested by the initial bids | | | | |
|--|--|------|------|-------|-----------|
| | Alfa | Beta | Gama | Delta | Total |
| A (800 MHz, 06.04.14–05.04.29) | 2 | 2 | 1 | 1 | 6 |
| B (900 MHz, 01.01.13–05.04.14) | 2 | 2 | 1 | 0 | 5 |
| C (900 MHz, 06.04.14–05.04.29) | 2 | 2 | 3 | 0 | 7 |
| D (1800 MHz , 01.01.13–05.04.14) | 3 | 3 | 0 | 0 | 6 |
| E (1800 MHz, 06.04.14–05.04.29) | 4 | 3 | 4 | 4 | 15 |
| F (2600 MHz, 06.04.14–05.04.29) | 4 | 4 | 3 | 3 | 14 |
| G (2600 MHz, 06.04.14–05.04.29) | 1 | 0 | 1 | 1 | 3 |

| | | | | |
|---------------------------|-------------|-------------|-------------|------------|
| Eligibility points | 1091 | 1026 | 1067 | 450 |
|---------------------------|-------------|-------------|-------------|------------|

Aggregating the initial bids from all applications and determining the aggregate frequency demand

The following result from the table below:

- there is no excess demand following the initial bids, therefore the primary rounds are not needed
- blocks remain for which there is no aggregate demand through initial offers so there is no require for additional rounds
- the allocation round is to follow directly.

| Block category / Frequency band code | Minimum price per block (minimum licence fee per block) | Available blocks (supply) | Blocks required (demand) | Demand>supply? | Demand/supply rate (<i>r</i>) | Reserve price |
|--|--|--------------------------------------|-------------------------------------|--------------------------|--|--------------------------|
| A (800 MHz, 06.04.14–05.04.29) | 35,000,000 | 6 | 6 | No | 1.00 | 35,000,000 |
| B (900 MHz, 01.01.13–05.04.14) | 3,400,000 | 5 | 5 | No | 1.00 | 3,400,000 |
| C (900 MHz, 06.04.14–05.04.29) | 40,000,000 | 7 | 7 | No | 1.00 | 40,000,000 |
| D (1800 MHz , 01.01.13–05.04.14) | 800,000 | 6 | 6 | No | 1.00 | 800,000 |
| E (1800 MHz, 06.04.14–05.04.29) | 10,000,000 | 15 | 15 | No | 1.00 | 10,000,000 |
| F (2600 MHz, 06.04.14–05.04.29) | 4,000,000 | 14 | 14 | No | 1.00 | 4,000,000 |
| G (2600 MHz, 06.04.14–05.04.29) | 3,000,000 | 3 | 3 | No | 1.00 | 3,000,000 |
| Is the first primary round to be held? (is there even one block category where the demand exceeds the supply?) | | | | | | No |
| Is the first additional round to be held? (is there even one block category where the demand is lower than the supply?) | | | | | | No |

Following the initial bid, the bidders have won the following blocks, at the following basic prices:

| Block Category / Frequency band code | Number of blocks won in the primary and additional rounds | | | |
|---|---|-----------------------|-----------------------|----------------------|
| | Alfa | Beta | Gama | Delta |
| A (800 MHz, 06.04.14–05.04.29) | 2 | 2 | 1 | 1 |
| B (900 MHz, 01.01.13–05.04.14) | 2 | 2 | 1 | 0 |
| C (900 MHz, 06.04.14–05.04.29) | 2 | 2 | 3 | 0 |
| D (1800 MHz , 01.01.13–05.04.14) | 3 | 3 | 0 | 0 |
| E (1800 MHz, 06.04.14–05.04.29) | 4 | 3 | 4 | 4 |
| F (2600 MHz, 06.04.14– 05.04.29) | 4 | 4 | 3 | 3 |
| G (2600 MHz, 06.04.14– 05.04.29) | 1 | 0 | 1 | 1 |
| Basic price in the initial bid | 218,200,000.00 | 205,200,000.00 | 213,400,000.00 | 90,000,000.00 |
| Total basic price | 218,200,000.00 | 205,200,000.00 | 213,400,000.00 | 90,000,000.00 |

Assignment round

For each bidder, the Commission prepares and presents to him the bid form which will include a list of **all frequency assignment options available to that respective bidder** in each of the bands where he has won blocks of frequencies during the primary and additional rounds. Thus, the structure of the bid forms is different for each bidder if, in at least one category of blocks, the number of assigned blocks is different. Each bidder may bid additional prices for one or several combinations of assignments included in the bid form.

The winning combination is the combination of valid assignment bids submitted, which has the highest total value of all possible combinations, if the following conditions are fulfilled:

- a) combination includes one single bid from each bidder;
- b) each bidder is assigned, in each category, the amount of spectrum that he gained in the primary and additional rounds;
- c) each bidder is assigned adjacent frequencies in each category;
- d) ranges of frequencies assigned to a certain must not overlap with those assigned to another bidder; and
- e) any unassigned blocks will be adjacent and will be positioned in accordance with the rules under Section 5.4.6.

For the purposes of this example, we assume the winning combination is made of the following bids:

- **Gama_bid_Z (contains the frequency assignment option no. 5 from the Gama bid form) = 20,000,000**

Conclusions after the assignment round:

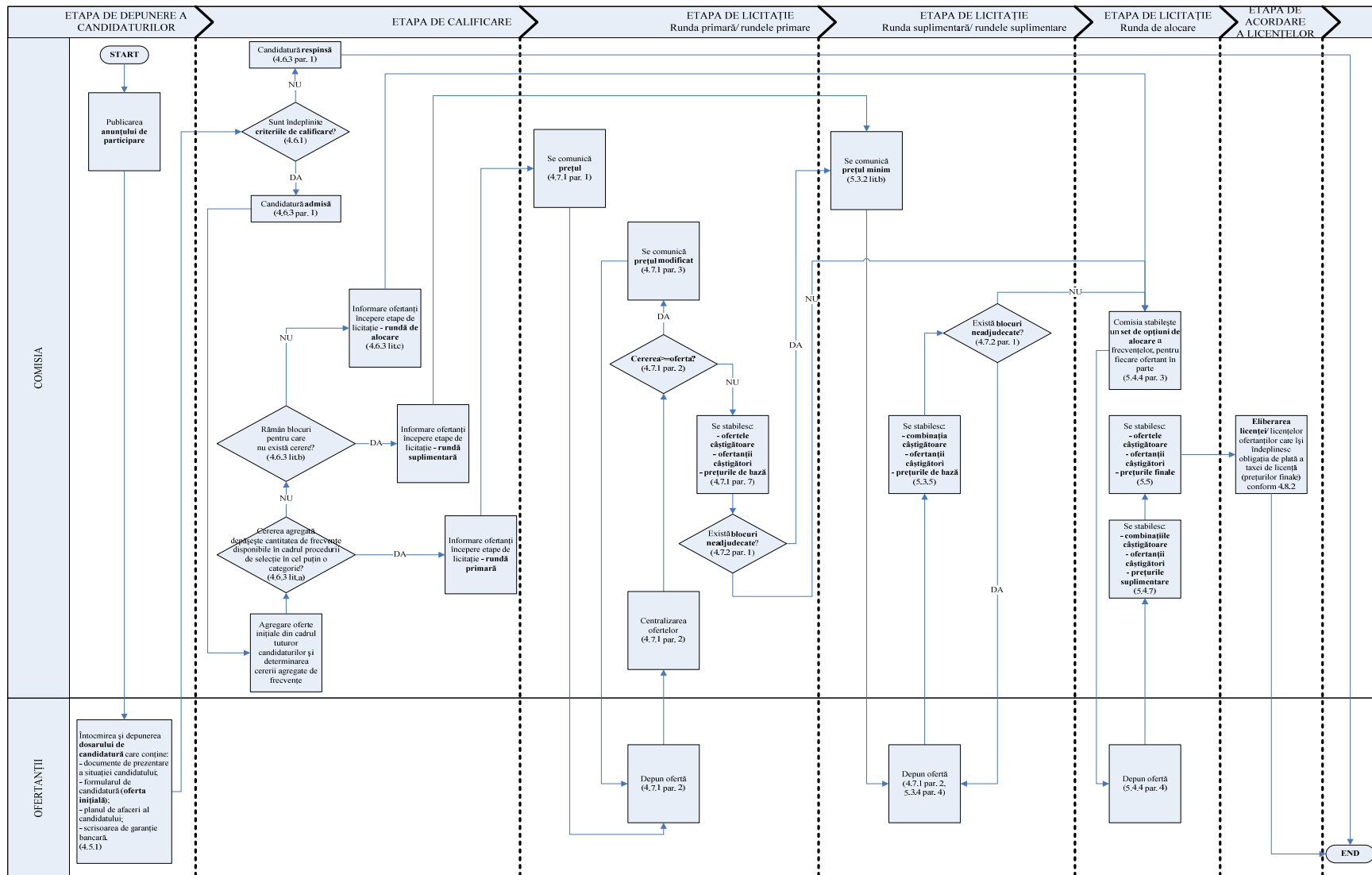
- [the frequency assignment option no. 5 from the Gama bid form] covers all frequency blocks awarded during the primary and additional rounds;
- the bidders will have the awarded blocks assigned in the bands in accordance with the option in the Gama bid
- Gama must pay the additional bid price, respectively 20,000,000.

Following the initial bid and the assignment round, the bidders must pay the following licence fees:

| | Alfa | Beta | Gama | Delta |
|--------------------------------|-----------------------|-----------------------|-----------------------|----------------------|
| Basic price in the initial bid | 218,200,000.00 | 205,200,000.00 | 213,400,000.00 | 90,000,000.00 |
| Additional price | 0.00 | 0.00 | 20,000,000.00 | 0.00 |
| Licence fee | 218,200,000.00 | 205,200,000.00 | 233,400,000.00 | 90,000,000.00 |

Annex 6

Work flow of the selection procedure



Annex 7

List of localities not-covered with mobile communications networks

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 2274 | AB | Albac | Rusești | rural | 25 | 26 |
| 2327 | AB | Almașu Mare | Almașu de Mijloc | rural | 314 | 113 |
| 2318 | AB | Almașu Mare | Almașu Mare | rural | 592 | 246 |
| 2336 | AB | Almașu Mare | Brădet | rural | 27 | 32 |
| 2354 | AB | Almașu Mare | Cib | rural | 460 | 202 |
| 2363 | AB | Almașu Mare | Glod | rural | 310 | 109 |
| 2372 | AB | Almașu Mare | Nădăștia | rural | 170 | 77 |
| 2595 | AB | Avram Iancu | Achimețești | rural | 35 | 15 |
| 2611 | AB | Avram Iancu | Bădăi | rural | 29 | 16 |
| 2666 | AB | Avram Iancu | Cărăști | rural | 29 | 22 |
| 2675 | AB | Avram Iancu | Cârțulești | rural | 52 | 17 |
| 2648 | AB | Avram Iancu | Căsoaia | rural | 36 | 16 |
| 2684 | AB | Avram Iancu | Cocești | rural | 76 | 31 |
| 2728 | AB | Avram Iancu | Dolești | rural | 113 | 53 |
| 2791 | AB | Avram Iancu | Orgești | rural | 50 | 33 |
| 2817 | AB | Avram Iancu | Plai | rural | 37 | 21 |
| 2835 | AB | Avram Iancu | Șoicești | rural | 38 | 18 |
| 2853 | AB | Avram Iancu | Târșa | rural | 324 | 118 |
| 2862 | AB | Avram Iancu | Târșa-Plai | rural | 30 | 14 |
| 3887 | AB | Ceru Băcăinți | Cucuta | rural | 51 | 24 |
| 3930 | AB | Ceru Băcăinți | Valea Mare | rural | 27 | 18 |
| 4776 | AB | Horea | Horea | rural | 340 | 124 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 5005 | AB | Întregalde | Dealul Geoagiului | rural | 80 | 43 |
| 5014 | AB | Întregalde | Ghioncani | rural | 102 | 43 |
| 5023 | AB | Întregalde | Iliești | rural | 21 | 11 |
| 5032 | AB | Întregalde | Ivăniș | rural | 95 | 41 |
| 4990 | AB | Întregalde | Întregalde | rural | 91 | 40 |
| 5041 | AB | Întregalde | Mărinești | rural | 22 | 11 |
| 5050 | AB | Întregalde | Modolești | rural | 126 | 51 |
| 5069 | AB | Întregalde | Necrilești | rural | 185 | 63 |
| 5087 | AB | Întregalde | Sfârcea | rural | 62 | 32 |
| 5185 | AB | Livezile | Izvoarele | rural | 190 | 143 |
| 5283 | AB | Lopadea Nouă | Ocnișoara | rural | 35 | 30 |
| 5363 | AB | Lupșa | Bârzan | rural | 44 | 7 |
| 5522 | AB | Lupșa | Valea Holhorii | rural | 34 | 15 |
| 5559 | AB | Lupșa | Văi | rural | 144 | 50 |
| 5611 | AB | Metేశ | Lunca Ampoiței | rural | 165 | 51 |
| 5620 | AB | Metేశ | Lunca Metేశului | rural | 105 | 36 |
| 5648 | AB | Metేశ | Poiana Ampoiului | rural | 316 | 105 |
| 5675 | AB | Metేశ | Remetea | rural | 25 | 14 |
| 5693 | AB | Metేశ | Văleni | rural | 279 | 82 |
| 5862 | AB | Mogoș | Bârlești-Cătun | rural | 26 | 11 |
| 5871 | AB | Mogoș | Bârzogani | rural | 40 | 18 |
| 5844 | AB | Mogoș | Bârbești | rural | 36 | 19 |
| 5906 | AB | Mogoș | Butești | rural | 34 | 18 |
| 5915 | AB | Mogoș | Cojocani | rural | 58 | 31 |
| 5924 | AB | Mogoș | Cristești | rural | 64 | 26 |
| 5933 | AB | Mogoș | Mămăligani | rural | 48 | 24 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|----------------|-------------------------------|---------------|------------|------------|
| 5835 | AB | Mogoș | Mogoș | rural | 107 | 63 |
| 5951 | AB | Mogoș | Oncești | rural | 29 | 21 |
| 5960 | AB | Mogoș | Poienile Mogoș | rural | 129 | 68 |
| 5997 | AB | Mogoș | Valea Barnii | rural | 74 | 44 |
| 6002 | AB | Mogoș | Valea Cocești | rural | 37 | 17 |
| 6011 | AB | Mogoș | Valea Giogești | rural | 40 | 26 |
| 6020 | AB | Mogoș | Valea Mlacii | rural | 75 | 34 |
| 6039 | AB | Mogoș | Valea Țupilor | rural | 51 | 23 |
| 6137 | AB | Ocoliș | Lunca Largă | rural | 86 | 63 |
| 6128 | AB | Ocoliș | Ocoliș | rural | 460 | 236 |
| 6155 | AB | Ocoliș | Vidolm | rural | 126 | 122 |
| 6262 | AB | Pianu | Strungari | rural | 238 | 72 |
| 6324 | AB | Poiana Vadului | Făgetu de Sus | rural | 188 | 49 |
| 6280 | AB | Poiana Vadului | Poiana Vadului | rural | 210 | 68 |
| 6413 | AB | Ponor | După Deal | rural | 105 | 51 |
| 6422 | AB | Ponor | Geogel | rural | 159 | 96 |
| 6431 | AB | Ponor | Măcărești | rural | 47 | 23 |
| 6404 | AB | Ponor | Ponor | rural | 144 | 87 |
| 6459 | AB | Ponor | Vale în Jos | rural | 181 | 81 |
| 6440 | AB | Ponor | Valea Bucurului | rural | 69 | 35 |
| 6501 | AB | Poșaga | Lunca | rural | 204 | 124 |
| 6510 | AB | Poșaga | Orăști | rural | 126 | 52 |
| 6477 | AB | Poșaga | Poșaga de Jos | rural | 485 | 241 |
| 6529 | AB | Poșaga | Poșaga de Sus | rural | 241 | 100 |
| 6538 | AB | Poșaga | Săgăgea | rural | 301 | 141 |
| 6654 | AB | Râmeț | Brădești | rural | 48 | 21 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 6734 | AB | Râmeț | Valea Poienii | rural | 53 | 43 |
| 6994 | AB | Sălciua | Dealul Caselor | rural | 111 | 38 |
| 7008 | AB | Sălciua | Dumești | rural | 79 | 44 |
| 6985 | AB | Sălciua | Sălciua de Jos | rural | 673 | 256 |
| 7017 | AB | Sălciua | Sălciua de Sus | rural | 576 | 201 |
| 7026 | AB | Sălciua | Sub Piatra | rural | 178 | 75 |
| 7035 | AB | Sălciua | Valea Larga | rural | 140 | 75 |
| 7464 | AB | Sohodol | Băzești | rural | 42 | 502 |
| 7650 | AB | Sohodol | Nicorești | rural | 60 | 19 |
| 8087 | AB | Șugag | Tău Bistra | rural | 297 | 216 |
| 8372 | AB | Valea Lungă | Făget | rural | 58 | 58 |
| 8390 | AB | Valea Lungă | Lodroman | rural | 233 | 120 |
| 8407 | AB | Valea Lungă | Lunca | rural | 468 | 167 |
| 8568 | AB | Vidra | Goiеști | rural | 69 | 34 |
| 8620 | AB | Vidra | Lunca Bisericii | rural | 68 | 24 |
| 8648 | AB | Vidra | Lunca Goiеști | rural | 53 | 27 |
| 8657 | AB | Vidra | Lunca Vesești | rural | 80 | 28 |
| 8675 | AB | Vidra | Nemeși | rural | 74 | 30 |
| 8755 | AB | Vidra | Segaj | rural | 25 | 13 |
| 8817 | AB | Vidra | Vărtănești | rural | 61 | 23 |
| 8434 | AB | Vidra | Vidra | rural | 50 | 25 |
| 1954 | AB | ZLATNA | Botеști | rural | 104 | 43 |
| 2050 | AB | ZLATNA | Pârâu Gruului | rural | 231 | 57 |
| 2078 | AB | ZLATNA | Runc | rural | 41 | 29 |
| 14423 | AG | Berevoiești | Bratia | rural | 145 | 51 |
| 15215 | AG | Călinești | Valea Corbului | rural | 889 | 201 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|------------------|-------------------------------|---------------|------------|------------|
| 17076 | AG | Mălureni | Păuleasca | rural | 784 | 164 |
| 17236 | AG | Micești | Păuleasca | rural | 840 | 208 |
| 17272 | AG | Mihăești | Drăghici | rural | 1.153 | 423 |
| 17325 | AG | Mihăești | Văcarea | rural | 636 | 249 |
| 18830 | AG | Stâlpeni | Pițigaia | rural | 48 | 28 |
| 13418 | AG | ȘTEFĂNEȘTI | Enculești | rural | 551 | 193 |
| 16695 | AG | Vulturești | Huluba | rural | 231 | 74 |
| 10140 | AR | Bârzava | Dumbrăvița | rural | 327 | 110 |
| 10159 | AR | Bârzava | Groșii Noi | rural | 283 | 95 |
| 10186 | AR | Bârzava | Slatina de Mureș | rural | 209 | 71 |
| 10257 | AR | Brazii | Buceava-Șoimuș | rural | 217 | 64 |
| 10275 | AR | Brazii | Mădrigești | rural | 298 | 88 |
| 10284 | AR | Brazii | Secaș | rural | 472 | 139 |
| 10435 | AR | Chisindia | Păiușeni | rural | 465 | 217 |
| 11012 | AR | Gurahonț | Mustești | rural | 94 | 32 |
| 11049 | AR | Gurahonț | Zimbru | rural | 502 | 246 |
| 11192 | AR | Hălmăgel | Luncșoara | rural | 537 | 159 |
| 11708 | AR | Petriș | Obârșia | rural | 124 | 40 |
| 11717 | AR | Petriș | Roșia Nouă | rural | 313 | 100 |
| 11897 | AR | Săvârșin | Pârnești | rural | 207 | 69 |
| 11922 | AR | Săvârșin | Troaș | rural | 197 | 66 |
| 12484 | AR | Tauț | Minișul de Sus | rural | 116 | 49 |
| 12493 | AR | Tauț | Nadăș | rural | 870 | 367 |
| 12590 | AR | Vărădia de Mureș | Baia | rural | 126 | 38 |
| 21034 | BC | Agăș | Coșnea | rural | 570 | 278 |
| 21837 | BC | Căiuți | Pralea | rural | 883 | 257 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 21908 | BC | Colonești | Colonești | rural | 681 | 287 |
| 21962 | BC | Colonești | Zăpodia | rural | 279 | 108 |
| 22558 | BC | Filipeni | Slobozia | rural | 126 | 46 |
| 22683 | BC | Găiceana | Arini | rural | 1.338 | 458 |
| 22763 | BC | Ghimeș-Făget | Răchitiș | rural | 306 | 140 |
| 23626 | BC | Motoșeni | Sendrești | rural | 472 | 192 |
| 23993 | BC | Palanca | Cădărești | rural | 112 | 95 |
| 24016 | BC | Palanca | Pajiștea | rural | 36 | 26 |
| 24891 | BC | Răchitoasa | Dănăila | rural | 97 | 50 |
| 24908 | BC | Răchitoasa | Dumbrava | rural | 606 | 214 |
| 24944 | BC | Răchitoasa | Magazia | rural | 152 | 49 |
| 25601 | BC | Stănișești | Slobozia Nouă | rural | 735 | 207 |
| 26154 | BC | Vultureni | Dorneni | rural | 109 | 37 |
| 26163 | BC | Vultureni | Ghilăvești | rural | 261 | 118 |
| 27766 | BH | Brusturi | Brusturi | rural | 1.186 | 490 |
| 27775 | BH | Brusturi | Cuieșd | rural | 469 | 179 |
| 27800 | BH | Brusturi | Păulești | rural | 353 | 141 |
| 27819 | BH | Brusturi | Picleu | rural | 731 | 303 |
| 27828 | BH | Brusturi | Țigăneștii de Criș | rural | 323 | 149 |
| 27837 | BH | Brusturi | Varasău | rural | 142 | 42 |
| 27926 | BH | Buduslău | Albiș | rural | 974 | 301 |
| 28460 | BH | Cetariu | Șușturogi | rural | 260 | 141 |
| 29065 | BH | Derna | Sacalasău | rural | 658 | 218 |
| 31146 | BH | Sârbi | Almașu Mic | rural | 141 | 78 |
| 31155 | BH | Sârbi | Burzuc | rural | 824 | 373 |
| 31164 | BH | Sârbi | Chioag | rural | 190 | 95 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 30979 | BH | SĂCUENI | Sănnicolau de Munte | rural | 966 | 286 |
| 31253 | BH | Spinuș | Săliște | rural | 248 | 107 |
| 31583 | BH | Tarcea | Adoni | rural | 777 | 290 |
| 33177 | BN | Coșbuc | Coșbuc | rural | 2.020 | 642 |
| 33471 | BN | Lechința | Sângeorzu Nou | rural | 1.009 | 313 |
| 33523 | BN | Leșu | Leșu | rural | 1.817 | 500 |
| 33676 | BN | Matei | Bidiu | rural | 244 | 112 |
| 33694 | BN | Matei | Enciu | rural | 224 | 100 |
| 33809 | BN | Mărișelu | Jeica | rural | 88 | 72 |
| 34128 | BN | Nușeni | Malin | rural | 445 | 182 |
| 34084 | BN | Nușeni | Nușeni | rural | 930 | 279 |
| 34146 | BN | Nușeni | Vița | rural | 391 | 147 |
| 34164 | BN | Parva | Parva | rural | 2.685 | 732 |
| 34315 | BN | Rebrișoara | Gersa 2 | rural | 267 | 60 |
| 34388 | BN | Romuli | Dealul Ștefăniței | rural | 383 | 130 |
| 34379 | BN | Romuli | Romuli | rural | 1.395 | 420 |
| 34413 | BN | Runcu Salvei | Runcu Salvei | rural | 1.402 | 442 |
| 32875 | BN | Spermezeu | Dumbrăvița | rural | 761 | 229 |
| 34574 | BN | Spermezeu | Lunca Borleseii | rural | 98 | 36 |
| 34583 | BN | Spermezeu | Păltineasa | rural | 130 | 37 |
| 34609 | BN | Spermezeu | Șesuri Spermezeu-Vale | rural | 118 | 25 |
| 34663 | BN | Șieu | Ardan | rural | 803 | 198 |
| 34896 | BN | Șieuț | Sebiș | rural | 931 | 192 |
| 35223 | BN | Târlișua | Molișet | rural | 240 | 93 |
| 35232 | BN | Târlișua | Oarzina | rural | 177 | 49 |
| 35250 | BN | Târlișua | Șendroaia | rural | 210 | 63 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 33195 | BN | Telciu | Bichigiu | rural | 988 | 301 |
| 35072 | BN | Telciu | Fiad | rural | 290 | 94 |
| 35081 | BN | Telciu | Telcișor | rural | 1.139 | 317 |
| 35465 | BN | Zagra | Poienile Zagrei | rural | 1.003 | 220 |
| 35474 | BN | Zagra | Suplai | rural | 689 | 252 |
| 35438 | BN | Zagra | Zagra | rural | 1.192 | 352 |
| 36220 | BT | Adășeni | Adășeni | rural | 1.092 | 459 |
| 36168 | BT | Albești | Coștiugeni | rural | 681 | 278 |
| 36177 | BT | Albești | Jijia | rural | 657 | 288 |
| 36186 | BT | Albești | Mășcăteni | rural | 466 | 155 |
| 36195 | BT | Albești | Tudor Vladimirescu | rural | 1.994 | 527 |
| 36239 | BT | Avrămeni | Aurel Vlaicu | rural | 639 | 257 |
| 36248 | BT | Avrămeni | Dimitrie Cantemir | rural | 137 | 69 |
| 36284 | BT | Avrămeni | Tudor Vladimirescu | rural | 659 | 351 |
| 36505 | BT | Călărași | Călărași | rural | 2.785 | 1.398 |
| 36514 | BT | Călărași | Libertatea | rural | 531 | 258 |
| 36523 | BT | Călărași | Pleșani | rural | 692 | 362 |
| 36541 | BT | Concești | Concești | rural | 2.054 | 797 |
| 36550 | BT | Concești | Movileni | rural | 423 | 143 |
| 36658 | BT | Cordăreni | Cordăreni | rural | 1.138 | 571 |
| 36827 | BT | Coțușca | Avram Iancu | rural | 90 | 41 |
| 36836 | BT | Coțușca | Cotu Miculinți | rural | 570 | 249 |
| 36845 | BT | Coțușca | Crasnaleuca | rural | 796 | 346 |
| 36872 | BT | Coțușca | Nichiteni | rural | 701 | 225 |
| 36881 | BT | Coțușca | Nicolae Bălcescu | rural | 33 | 7 |
| 36890 | BT | Coțușca | Puțurenii | rural | 754 | 309 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 36998 | BT | Cristinești | Fundu Hertjii | rural | 643 | 253 |
| 37066 | BT | Dângeni | Dângeni | rural | 816 | 245 |
| 37075 | BT | Dângeni | Hulub | rural | 633 | 285 |
| 37084 | BT | Dângeni | Iacobeni | rural | 1.130 | 305 |
| 37093 | BT | Dângeni | Strahotin | rural | 473 | 110 |
| 35964 | BT | DARABANI | Bajura | rural | 1.966 | 687 |
| 35955 | BT | DARABANI | DARABANI | urban | 8.971 | 3.110 |
| 35973 | BT | DARABANI | Eșanca | rural | 483 | 193 |
| 37128 | BT | Dobârceni | Bivolari | rural | 191 | 92 |
| 37164 | BT | Dobârceni | Brăteni | rural | 708 | 357 |
| 37137 | BT | Dobârceni | Cișmănești | rural | 428 | 198 |
| 37119 | BT | Dobârceni | Dobârceni | rural | 892 | 434 |
| 37155 | BT | Dobârceni | Murguța | rural | 494 | 200 |
| 37208 | BT | Drăgușeni | Sarata | rural | 162 | 60 |
| 37244 | BT | Durnești | Bârsănești | rural | 253 | 75 |
| 37235 | BT | Durnești | Băbicieni | rural | 521 | 195 |
| 37253 | BT | Durnești | Broșteni | rural | 286 | 92 |
| 37262 | BT | Durnești | Cucuteni | rural | 893 | 348 |
| 37226 | BT | Durnești | Durnești | rural | 1.163 | 404 |
| 37271 | BT | Durnești | Guranda | rural | 959 | 303 |
| 37404 | BT | George Enescu | Dumeni | rural | 1.653 | 1.067 |
| 37440 | BT | George Enescu | Stâncă | rural | 357 | 210 |
| 37477 | BT | Gorbănești | Bătrânești | rural | 286 | 118 |
| 37486 | BT | Gorbănești | George Coșbuc | rural | 258 | 140 |
| 37510 | BT | Gorbănești | Socrujeni | rural | 846 | 388 |
| 37565 | BT | Havârna | Balinți | rural | 456 | 258 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 37556 | BT | Havârna | Havârna | rural | 3.160 | 1.344 |
| 37636 | BT | Hănești | Borolea | rural | 405 | 176 |
| 37627 | BT | Hănești | Hănești | rural | 1.273 | 665 |
| 37645 | BT | Hănești | Moara Jorii | rural | 106 | 47 |
| 37654 | BT | Hănești | Sărata-Basarab | rural | 471 | 197 |
| 37663 | BT | Hănești | Slobozia | rural | 83 | 47 |
| 37716 | BT | Hilișeu-Horia | Hilișeu-Crișan | rural | 937 | 448 |
| 37752 | BT | Hlipiceni | Dragalina | rural | 521 | 179 |
| 37743 | BT | Hlipiceni | Hlipiceni | rural | 1.765 | 741 |
| 37805 | BT | Hudești | Baranca | rural | 1.082 | 297 |
| 37814 | BT | Hudești | Mlenăuți | rural | 733 | 343 |
| 37878 | BT | Leorda | Belcea | rural | 34 | 13 |
| 37994 | BT | Manoleasa | Iorga | rural | 106 | 95 |
| 38009 | BT | Manoleasa | Liveni | rural | 891 | 326 |
| 38018 | BT | Manoleasa | Loturi | rural | 234 | 61 |
| 38027 | BT | Manoleasa | Manoleasa Prut | rural | 116 | 41 |
| 38036 | BT | Manoleasa | Sadoveni | rural | 534 | 218 |
| 38054 | BT | Manoleasa | Zahoreni | rural | 597 | 163 |
| 38170 | BT | Mihăileni | Mihăileni | rural | 1.536 | 537 |
| 38205 | BT | Mihăileni | Pârâu Negru | rural | 558 | 194 |
| 38214 | BT | Mihăileni | Rogojești | rural | 702 | 239 |
| 38269 | BT | Mihălășeni | Caraiman | rural | 207 | 91 |
| 38250 | BT | Mihălășeni | Mihălășeni | rural | 843 | 320 |
| 38278 | BT | Mihălășeni | Năstase | rural | 228 | 94 |
| 38287 | BT | Mihălășeni | Negrești | rural | 306 | 100 |
| 38296 | BT | Mihălășeni | Păun | rural | 313 | 115 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 38303 | BT | Mihălășeni | Sărata | rural | 337 | 129 |
| 38312 | BT | Mihălășeni | Slobozia | rural | 210 | 107 |
| 38330 | BT | Mileanca | Mileanca | rural | 1.774 | 816 |
| 38394 | BT | Mitoc | Horia | rural | 592 | 345 |
| 38508 | BT | Păltiniș | Păltiniș | rural | 2.086 | 1.082 |
| 38571 | BT | Pomârla | Racovăț | rural | 334 | 120 |
| 38651 | BT | Rădăuți Prut | Miorcani | rural | 2.116 | 976 |
| 38642 | BT | Rădăuți Prut | Rădăuți Prut | rural | 945 | 378 |
| 38660 | BT | Rădăuți Prut | Rediu | rural | 1.096 | 442 |
| 38704 | BT | Răuseni | Pogorăști | rural | 195 | 90 |
| 38688 | BT | Răuseni | Răuseni | rural | 1.235 | 644 |
| 38713 | BT | Răuseni | Rediu | rural | 641 | 327 |
| 38740 | BT | Ripiceni | Ripiceni | rural | 2.313 | 945 |
| 38866 | BT | Românești | Dămideni | rural | 551 | 315 |
| 38857 | BT | Românești | Românești | rural | 1.821 | 909 |
| 38884 | BT | Românești | Sărata | rural | 65 | 20 |
| 38919 | BT | Santa Mare | Bădărăi | rural | 136 | 54 |
| 38928 | BT | Santa Mare | Berza | rural | 239 | 81 |
| 38937 | BT | Santa Mare | Bogdănești | rural | 438 | 151 |
| 38946 | BT | Santa Mare | Durnești | rural | 92 | 41 |
| 38955 | BT | Santa Mare | Ilișeni | rural | 219 | 94 |
| 38964 | BT | Santa Mare | Rânghilești | rural | 429 | 178 |
| 38973 | BT | Santa Mare | Rânghilești Deal | rural | 263 | 107 |
| 38900 | BT | Santa Mare | Santa Mare | rural | 1.203 | 473 |
| 36088 | BT | SĂVENI | Bodeasa | rural | 458 | 138 |
| 39006 | BT | Suharău | Izvoare | rural | 76 | 39 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 39024 | BT | Suharău | Oroftiana | rural | 1.120 | 591 |
| 38991 | BT | Suharău | Suharău | rural | 2.247 | 1.154 |
| 39186 | BT | ȘTEFĂNEȘTI | Bădiuți | rural | 839 | 272 |
| 39195 | BT | ȘTEFĂNEȘTI | Bobulești | rural | 1.782 | 573 |
| 39202 | BT | ȘTEFĂNEȘTI | Stânca | rural | 1.176 | 381 |
| 39177 | BT | ȘTEFĂNEȘTI | ȘTEFĂNEȘTI | urban | 1.676 | 544 |
| 39211 | BT | ȘTEFĂNEȘTI | Ștefănești-Sat | rural | 2.048 | 666 |
| 39300 | BT | Todireni | Gârbești | rural | 145 | 57 |
| 39275 | BT | Todireni | Todireni | rural | 2.339 | 952 |
| 39373 | BT | Trușești | Ionășeni | rural | 1.463 | 530 |
| 39382 | BT | Trușești | Păsăteni | rural | 65 | 53 |
| 39337 | BT | Trușești | Trușești | rural | 2.123 | 839 |
| 39462 | BT | Ungureni | Durnești | rural | 295 | 100 |
| 39578 | BT | Unțeni | Mănăstireni | rural | 758 | 217 |
| 39630 | BT | Văculești | Gorovei | rural | 64 | 37 |
| 39676 | BT | Viișoara | Cuza Vodă | rural | 634 | 264 |
| 39667 | BT | Viișoara | Viișoara | rural | 1.033 | 431 |
| 41328 | BV | Jibert | Lovnic | rural | 537 | 216 |
| 41337 | BV | Jibert | Văleni | rural | 182 | 76 |
| 40321 | BV | PREDEAL | Pârâul Rece | rural | 1.040 | 118 |
| 41998 | BV | Șoarș | Seliștat | rural | 311 | 128 |
| 41952 | BV | Șoarș | Șoarș | rural | 623 | 188 |
| 42094 | BV | Ticușu | Cobor | rural | 194 | 102 |
| 42227 | BV | Vama Buzăului | Dălghiu | rural | 98 | 58 |
| 45263 | BZ | Bisoca | Băltăgari | rural | 229 | 107 |
| 45325 | BZ | Bisoca | Șindrila | rural | 246 | 89 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 45290 | BZ | Bisoca | Pleși | rural | 498 | 207 |
| 45307 | BZ | Bisoca | Recea | rural | 357 | 136 |
| 45316 | BZ | Bisoca | Sărilor | rural | 587 | 189 |
| 45398 | BZ | Bozioru | Bozioru | rural | 438 | 189 |
| 45414 | BZ | Bozioru | Fișici | rural | 110 | 44 |
| 45423 | BZ | Bozioru | Găvanele | rural | 143 | 54 |
| 45441 | BZ | Bozioru | Izvoarele | rural | 200 | 86 |
| 45450 | BZ | Bozioru | Nucu | rural | 99 | 44 |
| 45469 | BZ | Bozioru | Scăeni | rural | 81 | 36 |
| 45487 | BZ | Bozioru | Văvălucile | rural | 58 | 28 |
| 45548 | BZ | Brăești | Brăești | rural | 594 | 230 |
| 45566 | BZ | Brăești | Goidești | rural | 391 | 120 |
| 45575 | BZ | Brăești | Ivănețu | rural | 689 | 260 |
| 45593 | BZ | Brăești | Pârscovelu | rural | 59 | 26 |
| 45584 | BZ | Brăești | Pinu | rural | 322 | 134 |
| 45600 | BZ | Brăești | Ruginoasa | rural | 111 | 40 |
| 45762 | BZ | Calvini | Calvini | rural | 826 | 281 |
| 46000 | BZ | Cătina | Zeletin | rural | 187 | 142 |
| 46457 | BZ | Colți | Aluniș | rural | 186 | 78 |
| 46448 | BZ | Colți | Colți | rural | 586 | 263 |
| 46466 | BZ | Colți | Colții de Jos | rural | 362 | 182 |
| 46475 | BZ | Colți | Muscelul Cărămănești | rural | 155 | 90 |
| 46572 | BZ | Cozieni | Anini | rural | 91 | 43 |
| 46590 | BZ | Cozieni | Bercești | rural | 190 | 84 |
| 46616 | BZ | Cozieni | Cocârceni | rural | 206 | 97 |
| 46750 | BZ | Cozieni | Zăpodia | rural | 22 | 15 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 47097 | BZ | Gura Teghii | Furtunești | rural | 1.087 | 376 |
| 47088 | BZ | Gura Teghii | Gura Teghii | rural | 1.152 | 357 |
| 47104 | BZ | Gura Teghii | Nemertea | rural | 449 | 151 |
| 47113 | BZ | Gura Teghii | Păltiniș | rural | 973 | 280 |
| 47131 | BZ | Gura Teghii | Vadu Oii | rural | 67 | 30 |
| 47140 | BZ | Gura Teghii | Varlaam | rural | 551 | 240 |
| 47211 | BZ | Lopătari | Fundata | rural | 175 | 78 |
| 47239 | BZ | Lopătari | Pestrițu | rural | 118 | 47 |
| 47248 | BZ | Lopătari | Plaiul Nucului | rural | 669 | 207 |
| 47257 | BZ | Lopătari | Ploștina | rural | 613 | 231 |
| 47284 | BZ | Lopătari | Terca | rural | 581 | 183 |
| 47701 | BZ | Mânzălești | Jgheab | rural | 165 | 68 |
| 48003 | BZ | NEHOIU | Stănila | rural | 45 | 42 |
| 48058 | BZ | Odăile | Corneanu | rural | 40 | 19 |
| 48600 | BZ | Pârscov | Oleșești | rural | 36 | 19 |
| 48370 | BZ | PĂTÂRLAGELE | Gornet | rural | 23 | 19 |
| 48469 | BZ | PĂTÂRLAGELE | Valea Sibiciului | rural | 277 | 134 |
| 49518 | BZ | Siriu | Cașoca | rural | 648 | 229 |
| 49527 | BZ | Siriu | Gura Siriului | rural | 49 | 34 |
| 56149 | CJ | Bobâlna | Cremenea | rural | 88 | 37 |
| 56700 | CJ | Cășeiu | Custura | rural | 42 | 17 |
| 56728 | CJ | Cășeiu | Guga | rural | 312 | 93 |
| 56746 | CJ | Cășeiu | Rugășești | rural | 1.098 | 296 |
| 56755 | CJ | Cășeiu | Sălătruc | rural | 87 | 23 |
| 57065 | CJ | Chinteni | Sânmartin | rural | 217 | 71 |
| 57136 | CJ | Chiuiești | Strâmbu | rural | 386 | 122 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 57573 | CJ | Dăbâca | Pâglișa | rural | 166 | 81 |
| 55428 | CJ | GHERLA | Silivaș | rural | 190 | 69 |
| 58044 | CJ | Iara | Buru | rural | 215 | 94 |
| 58071 | CJ | Iara | Lungești | rural | 60 | 28 |
| 58099 | CJ | Iara | Măgura Ierii | rural | 57 | 35 |
| 58106 | CJ | Iara | Ocolișel | rural | 168 | 69 |
| 58516 | CJ | Mărgău | Răchițele | rural | 823 | 300 |
| 59096 | CJ | Poieni | Lunca Vișagului | rural | 261 | 109 |
| 59167 | CJ | Recea-Cristur | Ciubanca | rural | 132 | 69 |
| 59513 | CJ | Sânmartin | Ceaba | rural | 281 | 110 |
| 59531 | CJ | Sânmartin | Diviciorii Mari | rural | 198 | 98 |
| 59568 | CJ | Sânmartin | Sâmboieni | rural | 194 | 93 |
| 59504 | CJ | Sânmartin | Sânmartin | rural | 248 | 109 |
| 59292 | CJ | Săcuieu | Săcuieu | rural | 552 | 191 |
| 59853 | CJ | Țaga | Sântejude | rural | 211 | 91 |
| 59906 | CJ | Unguraș | Batin | rural | 791 | 330 |
| 59899 | CJ | Unguraș | Unguraș | rural | 1.906 | 717 |
| 59933 | CJ | Unguraș | Valea Ungurașului | rural | 304 | 138 |
| 59960 | CJ | Vad | Bogata de Jos | rural | 295 | 125 |
| 60044 | CJ | Valea Ierii | Cerc | rural | 140 | 55 |
| 101733 | CL | Căscioarele | Căscioarele | rural | 1.939 | 834 |
| 101831 | CL | Chiselet | Chiselet | rural | 3.489 | 1.160 |
| 93094 | CL | Ciocănești | Ciocănești | rural | 4.459 | 1.772 |
| 104190 | CL | Mânăstirea | Mânăstirea | rural | 3.690 | 1.190 |
| 105268 | CL | Spanțov | Spanțov | rural | 1.176 | 338 |
| 105286 | CL | Spanțov | Stancea | rural | 2.489 | 716 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|----------------|-------------------------------|---------------|------------|------------|
| 94615 | CL | Ulmu | Ulmu | rural | 754 | 455 |
| 51396 | CS | Berliște | Berliște | rural | 403 | 259 |
| 51403 | CS | Berliște | Iam | rural | 437 | 174 |
| 51412 | CS | Berliște | Milcoveni | rural | 301 | 120 |
| 51421 | CS | Berliște | Rusova Nouă | rural | 109 | 43 |
| 51430 | CS | Berliște | Rusova Veche | rural | 85 | 34 |
| 51458 | CS | Berzasca | Berzasca | rural | 1.466 | 696 |
| 51467 | CS | Berzasca | Bigăr | rural | 307 | 111 |
| 51476 | CS | Berzasca | Cozla | rural | 114 | 45 |
| 51494 | CS | Berzasca | Liubcova | rural | 1.238 | 495 |
| 51591 | CS | Bozovici | Poneasca | rural | 76 | 31 |
| 51859 | CS | Cărbunari | Cărbunari | rural | 811 | 304 |
| 51868 | CS | Cărbunari | Știnăpări | rural | 456 | 179 |
| 51957 | CS | Ciclova Română | Ciclova Română | rural | 1.227 | 844 |
| 51966 | CS | Ciclova Română | Ilidia | rural | 377 | 151 |
| 51975 | CS | Ciclova Română | Socolari | rural | 181 | 73 |
| 51993 | CS | Ciuchici | Ciuchici | rural | 581 | 313 |
| 52008 | CS | Ciuchici | Macoviște | rural | 170 | 90 |
| 52017 | CS | Ciuchici | Nicolinț | rural | 307 | 170 |
| 52026 | CS | Ciuchici | Petrilova | rural | 178 | 99 |
| 52044 | CS | Ciudanovița | Ciudanovița | rural | 576 | 299 |
| 52053 | CS | Ciudanovița | Jitin | rural | 188 | 96 |
| 52188 | CS | Cornereva | Arsuri | rural | 52 | 19 |
| 52197 | CS | Cornereva | Bogâltin | rural | 221 | 80 |
| 52204 | CS | Cornereva | Bojia | rural | 167 | 61 |
| 52213 | CS | Cornereva | Borugi | rural | 31 | 12 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 52222 | CS | Cornereva | Camena | rural | 123 | 44 |
| 52231 | CS | Cornereva | Cireșel | rural | 39 | 15 |
| 52179 | CS | Cornereva | Cornereva | rural | 299 | 108 |
| 52259 | CS | Cornereva | Cozia | rural | 144 | 52 |
| 52286 | CS | Cornereva | Dobraia | rural | 22 | 9 |
| 52295 | CS | Cornereva | Dolina | rural | 38 | 15 |
| 52302 | CS | Cornereva | Gruni | rural | 59 | 21 |
| 52311 | CS | Cornereva | Hora Mare | rural | 81 | 30 |
| 52339 | CS | Cornereva | Ineleț | rural | 23 | 13 |
| 52348 | CS | Cornereva | Izvor | rural | 92 | 35 |
| 52357 | CS | Cornereva | Lunca Florii | rural | 68 | 27 |
| 52366 | CS | Cornereva | Lunca Zaicii | rural | 98 | 36 |
| 52393 | CS | Cornereva | Obița | rural | 38 | 15 |
| 52419 | CS | Cornereva | Pogara | rural | 44 | 16 |
| 52400 | CS | Cornereva | Pogaru de Sus | rural | 208 | 77 |
| 52437 | CS | Cornereva | Prisacina | rural | 29 | 11 |
| 52446 | CS | Cornereva | Prislop | rural | 80 | 31 |
| 52455 | CS | Cornereva | Ruștin | rural | 101 | 37 |
| 52464 | CS | Cornereva | Scărișoara | rural | 24 | 14 |
| 52473 | CS | Cornereva | Strugasca | rural | 47 | 17 |
| 52482 | CS | Cornereva | Studena | rural | 60 | 22 |
| 52491 | CS | Cornereva | Sub Crâng | rural | 35 | 13 |
| 52507 | CS | Cornereva | Sub Plai | rural | 102 | 37 |
| 52516 | CS | Cornereva | Topla | rural | 160 | 58 |
| 52525 | CS | Cornereva | Țațu | rural | 43 | 16 |
| 52534 | CS | Cornereva | Zănogi | rural | 123 | 44 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 52543 | CS | Cornereva | Zbegu | rural | 169 | 61 |
| 52552 | CS | Cornereva | Zmogotin | rural | 100 | 36 |
| 52561 | CS | Cornereva | Zoina | rural | 68 | 26 |
| 53498 | CS | Coronini | Coronini | rural | 1.337 | 431 |
| 53504 | CS | Coronini | Sfânta Elena | rural | 510 | 169 |
| 52703 | CS | Dognecea | Dognecea | rural | 1.898 | 909 |
| 52874 | CS | Forotic | Brezon | rural | 126 | 47 |
| 52883 | CS | Forotic | Comorâște | rural | 660 | 249 |
| 52865 | CS | Forotic | Forotic | rural | 601 | 421 |
| 52892 | CS | Forotic | Surducu Mare | rural | 499 | 178 |
| 52918 | CS | Gârnic | Gârnic | rural | 515 | 301 |
| 52927 | CS | Gârnic | Padina Matei | rural | 993 | 484 |
| 53041 | CS | Iablanița | Globu Craiovei | rural | 831 | 287 |
| 53176 | CS | Lupac | Lupac | rural | 949 | 249 |
| 51074 | CS | MOLDOVA NOUĂ | Măcești | rural | 596 | 140 |
| 51065 | CS | MOLDOVA NOUĂ | MOLDOVA NOUĂ | urban | 3.437 | 1.375 |
| 51083 | CS | MOLDOVA NOUĂ | MOLDOVA VECHE | urban | 9.362 | 3.802 |
| 51092 | CS | MOLDOVA NOUĂ | Moldovița | rural | 304 | 122 |
| 53363 | CS | Naidăș | Leșcovița | rural | 350 | 102 |
| 53354 | CS | Naidăș | Naidăș | rural | 943 | 475 |
| 51154 | CS | ORAVIȚA | Agadici | rural | 254 | 100 |
| 51163 | CS | ORAVIȚA | Brădișoru de Jos | rural | 577 | 231 |
| 51136 | CS | ORAVIȚA | Ciclova Montană | rural | 626 | 250 |
| 51145 | CS | ORAVIȚA | Marila | rural | 68 | 37 |
| 53531 | CS | Pojejena | Belobreșca | rural | 645 | 430 |
| 53540 | CS | Pojejena | Divici | rural | 336 | 224 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 53522 | CS | Pojejena | Pojejena | rural | 1.240 | 827 |
| 53559 | CS | Pojejena | Radimna | rural | 551 | 367 |
| 53568 | CS | Pojejena | Șuşca | rural | 474 | 316 |
| 53684 | CS | Răcășdia | Răcășdia | rural | 1.710 | 556 |
| 53693 | CS | Răcășdia | Vrăniuț | rural | 437 | 199 |
| 53817 | CS | Sasca Montană | Bogodiuț | rural | 189 | 126 |
| 53826 | CS | Sasca Montană | Potoc | rural | 296 | 185 |
| 53808 | CS | Sasca Montană | Sasca Montană | rural | 577 | 481 |
| 53835 | CS | Sasca Montană | Sasca Română | rural | 443 | 221 |
| 53844 | CS | Sasca Montană | Slatina Nera | rural | 350 | 242 |
| 53871 | CS | Sichevița | Brestelnic | rural | 28 | 12 |
| 53899 | CS | Sichevița | Cârșie | rural | 57 | 24 |
| 53906 | CS | Sichevița | Cracu Almaj | rural | 23 | 12 |
| 53915 | CS | Sichevița | Crușovița | rural | 104 | 45 |
| 53924 | CS | Sichevița | Curmătura | rural | 25 | 10 |
| 53933 | CS | Sichevița | Frăsiniș | rural | 32 | 14 |
| 53942 | CS | Sichevița | Gornea | rural | 651 | 284 |
| 53951 | CS | Sichevița | Liborajdea | rural | 42 | 19 |
| 53960 | CS | Sichevița | Lucacevăț | rural | 30 | 13 |
| 53979 | CS | Sichevița | Martinovăț | rural | 23 | 11 |
| 53862 | CS | Sichevița | Sichevița | rural | 1.373 | 597 |
| 54010 | CS | Sichevița | Valea Ravensca | rural | 78 | 33 |
| 54029 | CS | Sichevița | Valea Sicheviței | rural | 58 | 24 |
| 54038 | CS | Sichevița | Zănou | rural | 59 | 26 |
| 54047 | CS | Sichevița | Zăsloane | rural | 50 | 22 |
| 54127 | CS | Socol | Baziaș | rural | 67 | 25 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 54136 | CS | Socol | Câmpia | rural | 633 | 234 |
| 54145 | CS | Socol | Pârneaura | rural | 75 | 28 |
| 54118 | CS | Socol | Socol | rural | 776 | 287 |
| 54154 | CS | Socol | Zlatița | rural | 711 | 264 |
| 54190 | CS | Șopotu Nou | Drîștie | rural | 21 | 7 |
| 54216 | CS | Șopotu Nou | Ravensca | rural | 162 | 50 |
| 54225 | CS | Șopotu Nou | Răchita | rural | 164 | 51 |
| 54234 | CS | Șopotu Nou | Stancilova | rural | 395 | 131 |
| 54172 | CS | Șopotu Nou | Șopotu Nou | rural | 328 | 102 |
| 54243 | CS | Șopotu Nou | Urcu | rural | 42 | 13 |
| 54252 | CS | Șopotu Nou | Valea Răchitei | rural | 104 | 32 |
| 54323 | CS | Ticvanu Mare | Cârnecea | rural | 355 | 163 |
| 54314 | CS | Ticvanu Mare | Ticvanu Mare | rural | 818 | 377 |
| 54341 | CS | Ticvanu Mare | Ticvaniul Mic | rural | 356 | 164 |
| 54528 | CS | Vărădia | Mercina | rural | 632 | 256 |
| 54519 | CS | Vărădia | Vărădia | rural | 878 | 318 |
| 54591 | CS | Vrani | Ciortea | rural | 218 | 85 |
| 54608 | CS | Vrani | Iertof | rural | 139 | 54 |
| 54582 | CS | Vrani | Vrani | rural | 880 | 340 |
| 60909 | CT | Adamclisi | Abrud | rural | 115 | 47 |
| 60892 | CT | Adamclisi | Adamclisi | rural | 1.177 | 432 |
| 60918 | CT | Adamclisi | Hațeg | rural | 36 | 17 |
| 60927 | CT | Adamclisi | Urluia | rural | 322 | 106 |
| 60936 | CT | Adamclisi | Zorile | rural | 645 | 286 |
| 60954 | CT | Albesti | Albești | rural | 1.398 | 763 |
| 60972 | CT | Albesti | Coroana | rural | 130 | 56 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 60990 | CT | Albesti | Vârtop | rural | 299 | 96 |
| 61014 | CT | Aliman | Aliman | rural | 734 | 338 |
| 61032 | CT | Aliman | Dunăreni | rural | 1.576 | 476 |
| 63090 | CT | Amzacea | Amzacea | rural | 1.274 | 309 |
| 61470 | CT | Amzacea | Casicea | rural | 425 | 255 |
| 61489 | CT | Amzacea | General Scărișoreanu | rural | 951 | 349 |
| 61078 | CT | BĂNEASA | BĂNEASA | urban | 3.501 | 1.446 |
| 61087 | CT | BĂNEASA | Făurei | rural | 918 | 197 |
| 61096 | CT | BĂNEASA | Negureni | rural | 786 | 256 |
| 61103 | CT | BĂNEASA | Tudor Vladimirescu | rural | 63 | 22 |
| 62164 | CT | Băraganu | Lanurile | rural | 922 | 281 |
| 61185 | CT | Cerchezu | Căscioarele | rural | 307 | 96 |
| 61176 | CT | Cerchezu | Cerchezu | rural | 549 | 274 |
| 61194 | CT | Cerchezu | Măgura | rural | 145 | 61 |
| 61201 | CT | Cerchezu | Viroaga | rural | 541 | 285 |
| 61229 | CT | Chirnogeni | Chirnogeni | rural | 2.165 | 725 |
| 61238 | CT | Chirnogeni | Credința | rural | 305 | 103 |
| 61247 | CT | Chirnogeni | Plopeni | rural | 1.319 | 462 |
| 61336 | CT | Cobadin | Conacu | rural | 428 | 123 |
| 61354 | CT | Cobadin | Negrești | rural | 521 | 394 |
| 61461 | CT | Comana | Comana | rural | 902 | 276 |
| 61504 | CT | Comana | Tătaru | rural | 637 | 241 |
| 61684 | CT | Deleni | Deleni | rural | 413 | 139 |
| 61693 | CT | Deleni | Petroșani | rural | 627 | 237 |
| 61700 | CT | Deleni | Pietreni | rural | 894 | 247 |
| 61728 | CT | Deleni | Șipotele | rural | 550 | 210 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 61755 | CT | Dobromir | Cetatea | rural | 285 | 84 |
| 61746 | CT | Dobromir | Dobromir | rural | 787 | 206 |
| 61764 | CT | Dobromir | Dobromiru din Deal | rural | 462 | 167 |
| 61773 | CT | Dobromir | Lespezi | rural | 541 | 151 |
| 61782 | CT | Dobromir | Pădureni | rural | 196 | 59 |
| 61791 | CT | Dobromir | Văleni | rural | 590 | 148 |
| 61899 | CT | Dumbrăveni | Dumbrăveni | rural | 485 | 365 |
| 61915 | CT | Dumbrăveni | Furnica | rural | 90 | 44 |
| 61906 | CT | Independența | Fântâna Mare | rural | 368 | 109 |
| 61880 | CT | Independența | Independența | rural | 1.270 | 685 |
| 61924 | CT | Independența | Movila Verde | rural | 639 | 220 |
| 61933 | CT | Independența | Olteni | rural | 475 | 179 |
| 61942 | CT | Independența | Tufani | rural | 391 | 126 |
| 61979 | CT | Ion Corvin | Brebeni | rural | 31 | 10 |
| 61988 | CT | Ion Corvin | Crângu | rural | 175 | 55 |
| 61960 | CT | Ion Corvin | Ion Corvin | rural | 563 | 489 |
| 62002 | CT | Ion Corvin | Rariștea | rural | 308 | 109 |
| 62011 | CT | Ion Corvin | Viile | rural | 1.067 | 337 |
| 62075 | CT | Lipnița | Canlia | rural | 692 | 254 |
| 62093 | CT | Lipnița | Coslugea | rural | 829 | 256 |
| 62100 | CT | Lipnița | Cuiugiuc | rural | 374 | 187 |
| 62119 | CT | Lipnița | Goruni | rural | 145 | 69 |
| 62066 | CT | Lipnița | Lipnița | rural | 777 | 350 |
| 62155 | CT | Mereni | Ciobănița | rural | 316 | 132 |
| 62146 | CT | Mereni | Mereni | rural | 1.226 | 455 |
| 62173 | CT | Mereni | Miriștea | rural | 126 | 32 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 62182 | CT | Mereni | Osmancea | rural | 570 | 337 |
| 62413 | CT | NEGRU VODĂ | Darabani | rural | 760 | 201 |
| 62404 | CT | NEGRU VODĂ | NEGRU VODĂ | urban | 4.414 | 1.477 |
| 62501 | CT | Oltina | Răzoarele | rural | 716 | 385 |
| 62510 | CT | Oltina | Satu Nou | rural | 212 | 179 |
| 62556 | CT | Ostrov | Almălău | rural | 982 | 330 |
| 62565 | CT | Ostrov | Bugeac | rural | 258 | 101 |
| 62574 | CT | Ostrov | Esechioi | rural | 308 | 126 |
| 62725 | CT | Peștera | Ivrinezu Mare | rural | 529 | 221 |
| 62716 | CT | Peștera | Peștera | rural | 1.821 | 718 |
| 63651 | CV | Barcani | Lădăuți | rural | 737 | 210 |
| 63820 | CV | Bățani | Aita Seacă | rural | 766 | 287 |
| 63848 | CV | Bățani | Herculian | rural | 1.154 | 381 |
| 63562 | CV | Comandău | Comandău | rural | 1.029 | 369 |
| 64309 | CV | Dobârlău | Valea Dobârlăului | rural | 354 | 115 |
| 64559 | CV | Malnaș | Valea Zălanului | rural | 137 | 90 |
| 64675 | CV | Ozun | Lisnău-Vale | rural | 93 | 64 |
| 63704 | CV | Sita Buzăului | Crasna | rural | 583 | 167 |
| 64979 | CV | Vâlcele | Hetea | rural | 345 | 76 |
| 66571 | DB | Cândești | Valea Mare | rural | 178 | 104 |
| 67531 | DB | Glodeni | Glodeni | rural | 1.357 | 459 |
| 67540 | DB | Glodeni | Gușoiu | rural | 874 | 326 |
| 67559 | DB | Glodeni | Lăculețe | rural | 921 | 294 |
| 67577 | DB | Glodeni | Malu Mierii | rural | 274 | 108 |
| 67586 | DB | Glodeni | Schela | rural | 534 | 208 |
| 65887 | DB | Iedera | Colibași | rural | 554 | 225 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|------------------|-------------------------------|---------------|------------|------------|
| 68208 | DB | Moroeni | Dobrești | rural | 146 | 81 |
| 68333 | DB | Ocnița | Ocnița | rural | 4.343 | 1.598 |
| 65459 | DB | Răzvad | Gorgota | rural | 1.372 | 463 |
| 69438 | DB | Vișinești | Urseiu | rural | 813 | 437 |
| 70664 | DJ | Amărăștii de Jos | Prapor | rural | 1.649 | 464 |
| 70959 | DJ | Bârca | Bârca | rural | 4.042 | 1.391 |
| 70904 | DJ | Bistreț | Bistreț | rural | 2.539 | 907 |
| 70922 | DJ | Bistreț | Brândușa | rural | 183 | 65 |
| 70931 | DJ | Bistreț | Plosca | rural | 909 | 325 |
| 71037 | DJ | Brabova | Urdinița | rural | 443 | 202 |
| 72668 | DJ | Cârna | Cârna | rural | 1.515 | 414 |
| 71867 | DJ | Ciupercenii Noi | Ciupercenii Noi | rural | 4.469 | 1.190 |
| 72043 | DJ | Desa | Desa | rural | 4.832 | 1.168 |
| 72141 | DJ | Dobrești | Toceni | rural | 706 | 223 |
| 73683 | DJ | Ghidici | Ghidici | rural | 2.430 | 709 |
| 72659 | DJ | Goicea | Goicea | rural | 2.850 | 1.843 |
| 72999 | DJ | Măceșu de Jos | Măceșu de Jos | rural | 1.187 | 443 |
| 73022 | DJ | Măceșu de Sus | Măceșu de Sus | rural | 1.479 | 691 |
| 73353 | DJ | Moțăței | Dobridor | rural | 926 | 296 |
| 73674 | DJ | Piscu Vechi | Piscu Vechi | rural | 2.601 | 1.279 |
| 73692 | DJ | Piscu Vechi | Pisculeț | rural | 351 | 172 |
| 73745 | DJ | Poiana Mare | Poiana Mare | rural | 10.470 | 2.871 |
| 73754 | DJ | Poiana Mare | Tunarii Noi | rural | 585 | 160 |
| 73763 | DJ | Poiana Mare | Tunarii Vechi | rural | 1.473 | 405 |
| 73914 | DJ | Rast | Rast | rural | 3.566 | 1.111 |
| 74019 | DJ | Sadova | Piscu Sadovei | rural | 1.347 | 380 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 74000 | DJ | Sadova | Sadova | rural | 6.886 | 1.942 |
| 74126 | DJ | Seaca de Câmp | Piscu Nou | rural | 1.151 | 381 |
| 74117 | DJ | Seaca de Câmp | Seaca de Câmp | rural | 1.065 | 352 |
| 74251 | DJ | Sopot | Sopot | rural | 529 | 216 |
| 74723 | DJ | Verbița | Verbicioara | rural | 575 | 203 |
| 79530 | GJ | Căpreni | Bulbuceni | rural | 577 | 198 |
| 80016 | GJ | Crușeț | Slăvuța | rural | 743 | 267 |
| 80542 | GJ | Hurezani | Plopu | rural | 249 | 88 |
| 81120 | GJ | Padeș | Cerna-Sat | rural | 123 | 45 |
| 82270 | GJ | Stejari | Băcești | rural | 467 | 169 |
| 82298 | GJ | Stejari | Piscoiu | rural | 882 | 317 |
| 82305 | GJ | Stejari | Popești Stejari | rural | 214 | 68 |
| 82252 | GJ | Stejari | Stejari | rural | 831 | 309 |
| 75560 | GL | Bălăbănești | Bursucani | rural | 649 | 315 |
| 75604 | GL | Bălăbănești | Zimbru | rural | 56 | 28 |
| 75659 | GL | Bălășesti | Pupezeni | rural | 268 | 108 |
| 75695 | GL | Băneasa | Băneasa | rural | 1.535 | 571 |
| 75702 | GL | Băneasa | Roșcani | rural | 630 | 276 |
| 75347 | GL | BEREȘTI | BEREȘTI | urban | 3.510 | 1.447 |
| 75374 | GL | Berești-Meria | Aldești | rural | 395 | 181 |
| 75383 | GL | Berești-Meria | Balintești | rural | 1.116 | 405 |
| 75365 | GL | Berești-Meria | Berești-Meria | rural | 602 | 237 |
| 75392 | GL | Berești-Meria | Onciu | rural | 50 | 17 |
| 75409 | GL | Berești-Meria | Pleșa | rural | 752 | 289 |
| 75418 | GL | Berești-Meria | Prodănești | rural | 130 | 100 |
| 75427 | GL | Berești-Meria | Puricani | rural | 168 | 95 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 75436 | GL | Berești-Meria | Săseni | rural | 101 | 58 |
| 75445 | GL | Berești-Meria | Slivna | rural | 778 | 310 |
| 75454 | GL | Berești-Meria | Șipote | rural | 90 | 38 |
| 75873 | GL | Cavadinești | Cavadinești | rural | 1.625 | 837 |
| 75882 | GL | Cavadinești | Comănești | rural | 287 | 125 |
| 75891 | GL | Cavadinești | Gănești | rural | 938 | 505 |
| 75908 | GL | Cavadinești | Vădeni | rural | 669 | 341 |
| 76013 | GL | Corni | Corni | rural | 956 | 392 |
| 76031 | GL | Corni | Urlești | rural | 564 | 212 |
| 76193 | GL | Drăgușeni | Adam | rural | 874 | 316 |
| 76184 | GL | Drăgușeni | Drăgușeni | rural | 1.733 | 624 |
| 76219 | GL | Drăgușeni | Fundeanu | rural | 874 | 327 |
| 76228 | GL | Drăgușeni | Ghinghești | rural | 325 | 109 |
| 76237 | GL | Drăgușeni | Nicopole | rural | 488 | 169 |
| 76246 | GL | Drăgușeni | Știețești | rural | 369 | 111 |
| 76264 | GL | Fârtănești | Fârtănești | rural | 3.510 | 1.265 |
| 76273 | GL | Fârtănești | Viile | rural | 1.805 | 645 |
| 76291 | GL | Foltești | Foltești | rural | 2.220 | 722 |
| 76308 | GL | Foltești | Stoicani | rural | 1.094 | 329 |
| 76335 | GL | Frumușița | Ijdileni | rural | 1.334 | 413 |
| 76647 | GL | Jorăști | Jorăști | rural | 1.381 | 574 |
| 76656 | GL | Jorăști | Lunca | rural | 266 | 11 |
| 76665 | GL | Jorăști | Zărnești | rural | 489 | 144 |
| 76941 | GL | Oancea | Oancea | rural | 1.399 | 646 |
| 76950 | GL | Oancea | Slobozia Oancea | rural | 158 | 73 |
| 76987 | GL | Pechea | Lupele | rural | 43 | 23 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|------------------|-------------------------------|---------------|------------|------------|
| 76978 | GL | Pechea | Pechea | rural | 11.243 | 3.396 |
| 75579 | GL | Rădești | Cruceanu | rural | 270 | 87 |
| 75597 | GL | Rădești | Rădești | rural | 1.437 | 494 |
| 77117 | GL | Rediu | Suhurlui | rural | 1.491 | 587 |
| 77171 | GL | Schela | Negrea | rural | 679 | 246 |
| 77162 | GL | Schela | Schela | rural | 2.914 | 1.231 |
| 77199 | GL | Slobozia Conachi | Slobozia Conachi | rural | 3.351 | 1.752 |
| 77279 | GL | Smulți | Smulți | rural | 1.683 | 768 |
| 77304 | GL | Suceveni | Rogojeni | rural | 738 | 413 |
| 77297 | GL | Suceveni | Suceveni | rural | 1.452 | 738 |
| 75490 | GL | TÂRGU BUJOR | Moscu | rural | 1.646 | 513 |
| 75481 | GL | TÂRGU BUJOR | TÂRGU BUJOR | urban | 5.237 | 1.329 |
| 77527 | GL | Vârlezi | Crăiești | rural | 941 | 401 |
| 77518 | GL | Vârlezi | Vârlezi | rural | 1.535 | 512 |
| 77554 | GL | Vlădești | Brănești | rural | 915 | 369 |
| 77545 | GL | Vlădești | Vlădești | rural | 1.424 | 497 |
| 102124 | GR | Comana | Budeni | rural | 893 | 326 |
| 103201 | GR | Găujani | Găujani | rural | 1.418 | 565 |
| 103229 | GR | Găujani | Pietrișu | rural | 1.099 | 365 |
| 103327 | GR | Gogoșari | Drăghiceanu | rural | 191 | 85 |
| 103318 | GR | Gogoșari | Gogoșari | rural | 966 | 541 |
| 103336 | GR | Gogoșari | Izvoru | rural | 885 | 351 |
| 103489 | GR | Greaca | Greaca | rural | 2.012 | 721 |
| 103498 | GR | Greaca | Puțu Greci | rural | 428 | 147 |
| 103504 | GR | Greaca | Zboiu | rural | 355 | 126 |
| 104733 | GR | Putineiu | Hodivoaia | rural | 502 | 278 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|------------------|-------------------------------|---------------|------------|------------|
| 87763 | HD | Baia de Criș | Baldovin | rural | 115 | 42 |
| 87816 | HD | Baia de Criș | Rișculița | rural | 423 | 164 |
| 87861 | HD | Balșa | Almașu Mic de Munte | rural | 79 | 43 |
| 87870 | HD | Balșa | Ardeu | rural | 54 | 32 |
| 87852 | HD | Balșa | Balșa | rural | 325 | 122 |
| 87898 | HD | Balșa | Galbina | rural | 24 | 23 |
| 87914 | HD | Balșa | Oprișești | rural | 32 | 22 |
| 87923 | HD | Balșa | Poiana | rural | 108 | 51 |
| 87932 | HD | Balșa | Poienița | rural | 61 | 35 |
| 87950 | HD | Balșa | Stăuini | rural | 22 | 35 |
| 87969 | HD | Balșa | Techereu | rural | 36 | 25 |
| 87987 | HD | Balșa | Voia | rural | 111 | 76 |
| 88369 | HD | Blăjeni | Blăjeni | rural | 344 | 114 |
| 88403 | HD | Blăjeni | Grosuri | rural | 137 | 70 |
| 88467 | HD | Boșorod | Alun | rural | 83 | 34 |
| 88494 | HD | Boșorod | Cioclovina | rural | 50 | 17 |
| 88500 | HD | Boșorod | Luncani | rural | 91 | 24 |
| 88797 | HD | Buceș | Buceș | rural | 181 | 80 |
| 88859 | HD | Buceș | Tarnița | rural | 365 | 217 |
| 88886 | HD | București | Curechiu | rural | 361 | 138 |
| 88948 | HD | Bulzeștii de Sus | Bulzeștii de Jos | rural | 80 | 33 |
| 88939 | HD | Bulzeștii de Sus | Bulzeștii de Sus | rural | 61 | 32 |
| 88984 | HD | Bulzeștii de Sus | Rusești | rural | 21 | 13 |
| 89035 | HD | Bunila | Bunila | rural | 71 | 38 |
| 89053 | HD | Bunila | Cernișoara Florese | rural | 160 | 59 |
| 89062 | HD | Bunila | Poienița Voinii | rural | 120 | 50 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------------|-------------------------------|---------------|------------|------------|
| 89071 | HD | Bunila | Vadu Dobrii | rural | 27 | 21 |
| 89124 | HD | Burjuc | Petrești | rural | 44 | 20 |
| 86794 | HD | Cârjiți | Popești | rural | 130 | 61 |
| 89213 | HD | Cerbăl | Poiana Răchițelii | rural | 147 | 51 |
| 89222 | HD | Cerbăl | Socet | rural | 56 | 30 |
| 89366 | HD | Densuș | Criva | rural | 21 | 17 |
| 89419 | HD | Densuș | Ștei | rural | 210 | 90 |
| 89507 | HD | Dobra | Panc-Săliște | rural | 62 | 37 |
| 89516 | HD | Dobra | Rădulești | rural | 135 | 51 |
| 89703 | HD | Gurasada | Boiu de Jos | rural | 46 | 30 |
| 89758 | HD | Gurasada | Dănulești | rural | 60 | 26 |
| 89794 | HD | Gurasada | Vica | rural | 49 | 29 |
| 86856 | HD | HUNEDOARA | Groș | rural | 67 | 27 |
| 90075 | HD | Lelese | Lelese | rural | 167 | 63 |
| 90093 | HD | Lelese | Runcu Mare | rural | 130 | 54 |
| 90155 | HD | Lunca Cernii de Jos | Gura Bordului | rural | 51 | 29 |
| 90128 | HD | Lunca Cernii de Jos | Lunca Cernii de Jos | rural | 271 | 57 |
| 90164 | HD | Lunca Cernii de Jos | Lunca Cernii de Sus | rural | 165 | 80 |
| 90173 | HD | Lunca Cernii de Jos | Meria | rural | 281 | 79 |
| 90182 | HD | Lunca Cernii de Jos | Negoiu | rural | 203 | 79 |
| 90271 | HD | Mărtinești | Mărtinești | rural | 190 | 68 |
| 90565 | HD | Pui | Federi | rural | 302 | 128 |
| 90609 | HD | Pui | Ohaba-Ponor | rural | 292 | 81 |
| 90654 | HD | Pui | Uric | rural | 319 | 113 |
| 90823 | HD | Ribița | Crișan | rural | 474 | 161 |
| 90832 | HD | Ribița | Dumbrava de Jos | rural | 219 | 161 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|----------------|-------------------------------|---------------|------------|------------|
| 90850 | HD | Ribița | Ribicioara | rural | 58 | 21 |
| 91465 | HD | Tomești | Dobroț | rural | 128 | 50 |
| 91571 | HD | Toplița | Dăbâca | rural | 157 | 82 |
| 91599 | HD | Toplița | Hășdău | rural | 363 | 126 |
| 91615 | HD | Toplița | Vălari | rural | 37 | 21 |
| 91848 | HD | Vața de Jos | Căzănești | rural | 297 | 100 |
| 91857 | HD | Vața de Jos | Ciungani | rural | 299 | 126 |
| 92159 | HD | Vorța | Valea Poenii | rural | 182 | 65 |
| 92168 | HD | Vorța | Visca | rural | 380 | 115 |
| 92104 | HD | Vorța | Vorța | rural | 190 | 68 |
| 92202 | HD | Zam | Almaș-Săliște | rural | 139 | 67 |
| 92195 | HD | Zam | Almășel | rural | 28 | 18 |
| 92248 | HD | Zam | Godinești | rural | 168 | 72 |
| 92257 | HD | Zam | Micănești | rural | 98 | 40 |
| 92266 | HD | Zam | Pogănești | rural | 78 | 33 |
| 92293 | HD | Zam | Tămășești | rural | 74 | 32 |
| 84004 | HR | Ciucsângeorgiu | Armășeni | rural | 691 | 255 |
| 84059 | HR | Ciucsângeorgiu | Eghersec | rural | 398 | 95 |
| 84077 | HR | Ciucsângeorgiu | Potiond | rural | 249 | 86 |
| 84674 | HR | Lunca de Jos | Barațcoș | rural | 233 | 81 |
| 84692 | HR | Lunca de Jos | Puntea Lupului | rural | 159 | 47 |
| 85485 | HR | Săcel | Șoimușu Mare | rural | 340 | 136 |
| 85500 | HR | Săcel | Uilac | rural | 46 | 23 |
| 85519 | HR | Săcel | Vidacut | rural | 346 | 104 |
| 85617 | HR | Secuieni | Eliseni | rural | 1.151 | 381 |
| 85957 | HR | Suseni | Liban | rural | 64 | 26 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 86151 | HR | Tulgheș | Hagota | rural | 167 | 56 |
| 86419 | HR | Zetea | Șicasău | rural | 170 | 63 |
| 95676 | IS | Andrieșeni | Andrieșeni | rural | 1.677 | 668 |
| 95685 | IS | Andrieșeni | Buhăeni | rural | 558 | 191 |
| 95694 | IS | Andrieșeni | Drăgănești | rural | 158 | 75 |
| 95701 | IS | Andrieșeni | Fântânele | rural | 398 | 160 |
| 95729 | IS | Andrieșeni | Iepureni | rural | 88 | 40 |
| 95738 | IS | Andrieșeni | Spineni | rural | 637 | 226 |
| 95952 | IS | Bivolari | Bivolari | rural | 2.394 | 779 |
| 95961 | IS | Bivolari | Buruieniști | rural | 205 | 58 |
| 95970 | IS | Bivolari | Soloneț | rural | 566 | 179 |
| 95989 | IS | Bivolari | Tabăra | rural | 1.098 | 373 |
| 95998 | IS | Bivolari | Traian | rural | 190 | 49 |
| 96245 | IS | Ciortestți | Șerbești | rural | 811 | 303 |
| 96398 | IS | Comarna | Comarna | rural | 2.453 | 1.026 |
| 96405 | IS | Comarna | Curagău | rural | 145 | 56 |
| 96432 | IS | Costuleni | Costuleni | rural | 1.589 | 733 |
| 96441 | IS | Costuleni | Covasna | rural | 1.474 | 717 |
| 96450 | IS | Costuleni | Cozia | rural | 1.265 | 556 |
| 96600 | IS | Cozmești | Cozmești | rural | 1.476 | 570 |
| 96619 | IS | Cozmești | Podolenii de Jos | rural | 354 | 145 |
| 96628 | IS | Cozmești | Podolenii de Sus | rural | 1.220 | 467 |
| 96771 | IS | Dagâța | Piscu Rusului | rural | 474 | 143 |
| 96922 | IS | Dolhești | Brădicești | rural | 1.166 | 425 |
| 96913 | IS | Dolhești | Dolhești | rural | 732 | 250 |
| 96931 | IS | Dolhești | Pietriș | rural | 1.014 | 294 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 96977 | IS | Dumești | Chilișoiaia | rural | 183 | 58 |
| 97198 | IS | Gorban | Gorban | rural | 796 | 406 |
| 97205 | IS | Gorban | Gura Bohotin | rural | 465 | 295 |
| 97214 | IS | Gorban | Podu Hagiului | rural | 650 | 315 |
| 97232 | IS | Gorban | Zberoaia | rural | 349 | 185 |
| 97376 | IS | Gropnița | Săveni | rural | 858 | 246 |
| 97410 | IS | Grozești | Colțu Cornii | rural | 519 | 270 |
| 97401 | IS | Grozești | Grozești | rural | 1.271 | 428 |
| 97429 | IS | Grozești | Sălăgeni | rural | 51 | 49 |
| 98211 | IS | Moșna | Moșna | rural | 1.949 | 842 |
| 98275 | IS | Movileni | Iepureni | rural | 867 | 316 |
| 98284 | IS | Movileni | Larga-Jijia | rural | 734 | 248 |
| 98293 | IS | Movileni | Potângeni | rural | 961 | 344 |
| 98364 | IS | Plugari | Onești | rural | 196 | 61 |
| 98462 | IS | Popești | Hărpășești | rural | 1.097 | 269 |
| 98532 | IS | Popricani | Cotu Morii | rural | 267 | 94 |
| 98569 | IS | Popricani | Rediu Mitropoliei | rural | 137 | 89 |
| 98621 | IS | Prisăcani | Măcărești | rural | 626 | 257 |
| 98676 | IS | Probota | Perieni | rural | 1.725 | 616 |
| 98701 | IS | Răducăneni | Bohotin | rural | 1.376 | 497 |
| 98710 | IS | Răducăneni | Isaia | rural | 349 | 125 |
| 98694 | IS | Răducăneni | Răducăneni | rural | 5.247 | 1.709 |
| 98729 | IS | Răducăneni | Roșu | rural | 606 | 185 |
| 98747 | IS | Românești | Românești | rural | 939 | 374 |
| 99637 | IS | Roșcani | Rădeni | rural | 843 | 261 |
| 99646 | IS | Roșcani | Roșcani | rural | 888 | 262 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 98854 | IS | Schitu Duca | Dumitreștii Gălății | rural | 697 | 298 |
| 98881 | IS | Schitu Duca | Poiana | rural | 530 | 279 |
| 98872 | IS | Schitu Duca | Poieni | rural | 807 | 322 |
| 99076 | IS | Sinești | Bocnița | rural | 357 | 146 |
| 99085 | IS | Sinești | Osoi | rural | 1.131 | 294 |
| 99398 | IS | Șipote | Chișcăreni | rural | 1.950 | 783 |
| 99405 | IS | Șipote | Hălțeni | rural | 861 | 319 |
| 99414 | IS | Șipote | Iazu Nou | rural | 996 | 435 |
| 99423 | IS | Șipote | Iazu Vechi | rural | 523 | 138 |
| 99432 | IS | Șipote | Mitoc | rural | 584 | 175 |
| 99389 | IS | Șipote | Șipote | rural | 933 | 400 |
| 99628 | IS | Trifești | Hermeziu | rural | 1.023 | 321 |
| 99619 | IS | Trifești | Trifești | rural | 1.575 | 693 |
| 99655 | IS | Trifești | Vladomira | rural | 307 | 117 |
| 99664 | IS | Trifești | Zaboloteni | rural | 738 | 266 |
| 99897 | IS | Țigănași | Cârnicieni | rural | 1.557 | 608 |
| 99913 | IS | Țigănași | Stejarii | rural | 486 | 228 |
| 100166 | IS | Vlădeni | Alexandru cel Bun | rural | 553 | 217 |
| 100175 | IS | Vlădeni | Borșa | rural | 893 | 305 |
| 100184 | IS | Vlădeni | Broșteni | rural | 431 | 133 |
| 100193 | IS | Vlădeni | Iacobeni | rural | 281 | 123 |
| 100200 | IS | Vlădeni | Vâlcelele | rural | 453 | 158 |
| 100157 | IS | Vlădeni | Vlădeni | rural | 1.808 | 591 |
| 110465 | MH | Balta | Balta | rural | 381 | 243 |
| 110483 | MH | Balta | Costești | rural | 260 | 166 |
| 110492 | MH | Balta | Gornovița | rural | 244 | 156 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 110517 | MH | Balta | Prejna | rural | 346 | 217 |
| 110526 | MH | Balta | Sfodea | rural | 118 | 75 |
| 110731 | MH | Bălvănești | Pârlagele | rural | 457 | 287 |
| 113867 | MH | Braniștea | Braniștea | rural | 1.622 | 693 |
| 113876 | MH | Braniștea | Goanța | rural | 583 | 250 |
| 110955 | MH | Burila Mare | Burila Mare | rural | 786 | 430 |
| 110964 | MH | Burila Mare | Crivina | rural | 861 | 471 |
| 110973 | MH | Burila Mare | Izvoru Frumos | rural | 310 | 169 |
| 110982 | MH | Burila Mare | Țigănași | rural | 437 | 239 |
| 111248 | MH | Cireșu | Bunoaica | rural | 201 | 144 |
| 111257 | MH | Cireșu | Jupânești | rural | 77 | 55 |
| 111266 | MH | Cireșu | Negrușa | rural | 212 | 152 |
| 111435 | MH | Corlățel | Valea Anilor | rural | 706 | 369 |
| 111462 | MH | Cujmir | Aurora | rural | 798 | 290 |
| 111453 | MH | Cujmir | Cujmir | rural | 2.460 | 895 |
| 111471 | MH | Cujmir | Cujmiru Mic | rural | 515 | 186 |
| 111578 | MH | Dârvari | Gemeni | rural | 1.335 | 561 |
| 111514 | MH | Devesel | Bistrețu | rural | 684 | 396 |
| 111499 | MH | Devesel | Devesel | rural | 1.372 | 793 |
| 111532 | MH | Devesel | Scăpău | rural | 917 | 531 |
| 112922 | MH | Dubova | Baia Nouă | rural | 269 | 119 |
| 112940 | MH | Dubova | Eibenthal | rural | 303 | 134 |
| 111792 | MH | Gârla Mare | Gârla Mare | rural | 3.334 | 1.787 |
| 111836 | MH | Godeanu | Marga | rural | 106 | 84 |
| 111881 | MH | Gogoșu | Balta Verde | rural | 1.293 | 599 |
| 111890 | MH | Gogoșu | Burila Mică | rural | 974 | 451 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 111872 | MH | Gogoșu | Gogoșu | rural | 1.186 | 553 |
| 111907 | MH | Gogoșu | Ostrovu Mare | rural | 1.879 | 870 |
| 112049 | MH | Gruia | Gruia | rural | 1.781 | 730 |
| 112058 | MH | Gruia | Izvoarele | rural | 1.101 | 452 |
| 112067 | MH | Gruia | Poiana Gruii | rural | 230 | 93 |
| 112138 | MH | Husnicioara | Husnicioara | rural | 306 | 193 |
| 112192 | MH | Husnicioara | Marmanu | rural | 25 | 16 |
| 112281 | MH | Ilovăț | Budănești | rural | 180 | 105 |
| 112307 | MH | Ilovăț | Dâlbocița | rural | 325 | 192 |
| 112316 | MH | Ilovăț | Firizu | rural | 67 | 40 |
| 112361 | MH | Ilovița | Moisești | rural | 127 | 74 |
| 112405 | MH | Isverna | Cerna-Vârf | rural | 242 | 117 |
| 112423 | MH | Isverna | Giurgiani | rural | 81 | 39 |
| 112432 | MH | Isverna | Nadanova | rural | 208 | 100 |
| 112487 | MH | Izvoru Bârzii | Balotești | rural | 471 | 192 |
| 112539 | MH | Izvoru Bârzii | Schitu Topolniței | rural | 205 | 83 |
| 112566 | MH | Jiana | Cioroboreni | rural | 930 | 383 |
| 112575 | MH | Jiana | Dănceu | rural | 1.318 | 542 |
| 112557 | MH | Jiana | Jiana | rural | 779 | 321 |
| 112584 | MH | Jiana | Jiana Mare | rural | 899 | 370 |
| 112593 | MH | Jiana | Jiana Veche | rural | 1.083 | 445 |
| 112637 | MH | Livezile | Izvoru Aneștilor | rural | 293 | 173 |
| 112619 | MH | Livezile | Livezile | rural | 1.141 | 667 |
| 112646 | MH | Livezile | Petriș | rural | 130 | 77 |
| 112655 | MH | Livezile | Ștefan Odobleja | rural | 197 | 116 |
| 112735 | MH | Malovăț | 23 August | rural | 379 | 198 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|-----------------|-------------------------------|---------------|------------|------------|
| 112673 | MH | Malovăț | Malovăț | rural | 1.005 | 524 |
| 112762 | MH | Obârșia de Câmp | Izimșa | rural | 1.218 | 622 |
| 112753 | MH | Obârșia de Câmp | Obârșia de Câmp | rural | 956 | 487 |
| 110045 | MH | Obârșia-Cloșani | Godeanu | rural | 209 | 82 |
| 110036 | MH | Obârșia-Cloșani | Obârșia-Cloșani | rural | 898 | 351 |
| 112977 | MH | Podeni | Gornenți | rural | 228 | 155 |
| 112986 | MH | Podeni | Malarișca | rural | 186 | 126 |
| 112968 | MH | Podeni | Podeni | rural | 740 | 497 |
| 113019 | MH | Ponoarele | Băluța | rural | 229 | 70 |
| 113171 | MH | Poroina Mare | Fântânile Negre | rural | 246 | 234 |
| 113224 | MH | Pristol | Cozia | rural | 666 | 346 |
| 113215 | MH | Pristol | Pristol | rural | 1.137 | 588 |
| 113411 | MH | Punghina | Cearângu | rural | 239 | 83 |
| 113420 | MH | Punghina | Drincea | rural | 505 | 174 |
| 113439 | MH | Punghina | Măgurele | rural | 102 | 34 |
| 113402 | MH | Punghina | Punghina | rural | 1.462 | 496 |
| 113484 | MH | Rogova | Poroinița | rural | 770 | 378 |
| 113475 | MH | Rogova | Rogova | rural | 704 | 347 |
| 113509 | MH | Salcia | Salcia | rural | 3.388 | 1.554 |
| 113616 | MH | Svinița | Svinița | rural | 1.114 | 386 |
| 109899 | MH | Șimian | Poroina | rural | 265 | 94 |
| 113670 | MH | Șișești | Crăgusești | rural | 465 | 244 |
| 113885 | MH | Vânători | Roșiori | rural | 1.120 | 1.028 |
| 113858 | MH | Vânători | Vânători | rural | 1.287 | 1.186 |
| 110250 | MH | VÂNJU MARE | Bucura | rural | 375 | 203 |
| 110269 | MH | VÂNJU MARE | Nicolae Bălcescu | rural | 934 | 505 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 110278 | MH | VÂNJU MARE | Orevița Mare | rural | 1.084 | 587 |
| 110287 | MH | VÂNJU MARE | Traian | rural | 720 | 390 |
| 110241 | MH | VÂNJU MARE | VÂNJU MARE | urban | 3.717 | 2.009 |
| 113910 | MH | Vânjuleț | Hotărani | rural | 404 | 176 |
| 113901 | MH | Vânjuleț | Vânjuleț | rural | 1.509 | 661 |
| 113956 | MH | Vlădaia | Scorila | rural | 315 | 159 |
| 111809 | MH | Vrata | Vrata | rural | 1.997 | 849 |
| 106336 | MM | BAIA MARE | Blidari | rural | 181 | 62 |
| 106345 | MM | BAIA MARE | Firiza | rural | 1.306 | 447 |
| 106354 | MM | BAIA MARE | Valea Neagră | rural | 153 | 52 |
| 107323 | MM | Bârsana | Bârsana | rural | 4.069 | 1.373 |
| 107163 | MM | Băiuț | Băiuț | rural | 1.783 | 748 |
| 107172 | MM | Băiuț | Poiana Botizii | rural | 280 | 115 |
| 107289 | MM | Bistra | Bistra | rural | 1.683 | 269 |
| 107298 | MM | Bistra | Crasna Vișeului | rural | 1.721 | 481 |
| 107305 | MM | Bistra | Valea Vișeului | rural | 1.613 | 447 |
| 107387 | MM | Bocicoiu Mare | Lunca la Tisa | rural | 905 | 316 |
| 107421 | MM | Bogdan Vodă | Bocicoel | rural | 945 | 428 |
| 107412 | MM | Bogdan Vodă | Bogdan Vodă | rural | 2.510 | 975 |
| 106764 | MM | BORȘA | Baia Borșa | rural | 5.636 | 3.938 |
| 107494 | MM | Botiza | Botiza | rural | 2.959 | 881 |
| 107537 | MM | Budești | Sârbi | rural | 738 | 327 |
| 107573 | MM | Călinești | Văleni | rural | 1.489 | 443 |
| 107635 | MM | Cernești | Izvoarele | rural | 45 | 22 |
| 107699 | MM | Cicârlău | Handalu Ilbei | rural | 570 | 162 |
| 107984 | MM | Desești | Desești | rural | 996 | 335 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|-----------------------|-------------------------------|---------------|------------|------------|
| 107993 | MM | Desești | Hărnițești | rural | 635 | 218 |
| 108008 | MM | Desești | Mara | rural | 1.006 | 325 |
| 108026 | MM | DRAGOMIREȘTI | DRAGOMIREȘTI | urban | 3.344 | 1.369 |
| 108179 | MM | Giulești | Berbești | rural | 1.500 | 546 |
| 108160 | MM | Giulești | Giulești | rural | 1.162 | 460 |
| 108197 | MM | Giulești | Mănăstirea | rural | 158 | 59 |
| 108213 | MM | Ieud | Ieud | rural | 4.745 | 1.572 |
| 108259 | MM | Leordina | Leordina | rural | 2.552 | 921 |
| 108428 | MM | Ocna Șugatag | Breb | rural | 1.482 | 502 |
| 108437 | MM | Ocna Șugatag | Hoteni | rural | 472 | 158 |
| 108419 | MM | Ocna Șugatag | Ocna Șugatag | rural | 1.457 | 497 |
| 108446 | MM | Ocna Șugatag | Sat Șugatag | rural | 1.092 | 465 |
| 108464 | MM | Petrova | Petrova | rural | 2.667 | 998 |
| 108482 | MM | Poienile de sub Munte | Poienile de sub Munte | rural | 10.139 | 3.741 |
| 107500 | MM | Poienile Izei | Poienile Izei | rural | 1.043 | 468 |
| 108570 | MM | Remeți | Piatra | rural | 408 | 124 |
| 108561 | MM | Remeți | Remeți | rural | 2.415 | 1.219 |
| 108589 | MM | Remeți | Teceu Mic | rural | 182 | 114 |
| 108605 | MM | Repedea | Repedea | rural | 4.725 | 1.419 |
| 108623 | MM | Rona de Jos | Rona de Jos | rural | 2.165 | 886 |
| 108650 | MM | Rona de Sus | Coștiui | rural | 772 | 354 |
| 108641 | MM | Rona de Sus | Rona de Sus | rural | 3.864 | 1.319 |
| 108678 | MM | Rozavlea | Rozavlea | rural | 3.819 | 984 |
| 108703 | MM | Ruscova | Ruscova | rural | 5.253 | 1.264 |
| 108954 | MM | Săpânța | Săpânța | rural | 3.248 | 1.280 |
| 109023 | MM | Strâmtura | Glod | rural | 651 | 291 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|----------------------|-------------------------------|---------------|------------|------------|
| 109032 | MM | Strâmtura | Slătioara | rural | 529 | 246 |
| 109014 | MM | Strâmtura | Strâmtura | rural | 3.002 | 1.101 |
| 108687 | MM | Șieu | Șieu | rural | 2.817 | 1.019 |
| 106871 | MM | TÂRGU LĂPUȘ | Dobricu Lăpușului | rural | 444 | 157 |
| 106522 | MM | TĂUȚII MĂGHERĂUȘ | Nistru | rural | 1.072 | 313 |
| 106666 | MM | Vadu Izei | Valea Stejarului | rural | 537 | 217 |
| 109513 | MM | Vișeu de Jos | Vișeu de Jos | rural | 5.429 | 2.197 |
| 106997 | MM | VIȘEU DE SUS | Vișeu de Mijloc | rural | 2.599 | 947 |
| 106988 | MM | VIȘEU DE SUS | VIȘEU DE SUS | urban | 14.067 | 4.497 |
| 115334 | MS | Bahnea | Cund | rural | 189 | 60 |
| 115352 | MS | Bahnea | Gogan | rural | 663 | 234 |
| 115361 | MS | Bahnea | Idiciu | rural | 368 | 104 |
| 115566 | MS | Batoș | Uila | rural | 592 | 190 |
| 116625 | MS | Eremitu | Câmpu Cetații | rural | 370 | 141 |
| 117364 | MS | Gurghiu | Fundoaia | rural | 135 | 42 |
| 117373 | MS | Gurghiu | Glăjărie | rural | 1.772 | 567 |
| 117382 | MS | Gurghiu | Larga | rural | 123 | 38 |
| 117408 | MS | Gurghiu | Orșova Pădure | rural | 168 | 55 |
| 117453 | MS | Hodac | Bicașu | rural | 137 | 49 |
| 117596 | MS | Ibănești | Dulcea | rural | 366 | 109 |
| 118496 | MS | Nadeș | Pipea | rural | 97 | 44 |
| 118539 | MS | Neaua | Ghinești | rural | 380 | 153 |
| 118566 | MS | Neaua | Vădaș | rural | 394 | 143 |
| 119368 | MS | SÂNGEORGIU DE PĂDURE | Bezidu Nou | rural | 38 | 10 |
| 120272 | MS | Vânători | Archita | rural | 779 | 255 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|-----------------|-------------------------------|---------------|------------|------------|
| 120192 | MS | Vețca | Jacodu | rural | 289 | 127 |
| 120236 | MS | Viișoara | Ormeniș | rural | 388 | 124 |
| 120245 | MS | Viișoara | Sântioana | rural | 530 | 177 |
| 120227 | MS | Viișoara | Viișoara | rural | 717 | 230 |
| 121411 | NT | Boghicea | Căușeni | rural | 395 | 98 |
| 121439 | NT | Boghicea | Nistria | rural | 413 | 113 |
| 122203 | NT | Crăcăoani | Cracăul Negru | rural | 1.221 | 452 |
| 122221 | NT | Crăcăoani | Mitocu Bălan | rural | 347 | 128 |
| 122267 | NT | Dămuc | Huisurez | rural | 761 | 317 |
| 122588 | NT | Farcașa | Frumosu | rural | 480 | 163 |
| 123503 | NT | Piatra Șoimului | Negulești | rural | 683 | 205 |
| 123825 | NT | Poiana Teiului | Dreptu | rural | 677 | 278 |
| 123852 | NT | Poiana Teiului | Pârâul Fagului | rural | 297 | 122 |
| 124359 | NT | Stănița | Chicerea | rural | 284 | 149 |
| 124395 | NT | Stănița | Veja | rural | 240 | 84 |
| 124518 | NT | Tarcău | Ardeluța | rural | 26 | 16 |
| 124527 | NT | Tarcău | Brateș | rural | 281 | 117 |
| 124545 | NT | Tarcău | Schitu Tarcău | rural | 38 | 11 |
| 126175 | OT | Cârlogani | Cârlogani | rural | 1.370 | 499 |
| 126200 | OT | Cârlogani | Scorbura | rural | 321 | 113 |
| 125597 | OT | Gârcov | Gârcov | rural | 1.652 | 401 |
| 125604 | OT | Gârcov | Ursa | rural | 1.051 | 285 |
| 128329 | OT | Poboru | Albești | rural | 584 | 218 |
| 129308 | OT | Ștefan cel Mare | Ianca Nouă | rural | 773 | 238 |
| 129291 | OT | Ștefan cel Mare | Ștefan cel Mare | rural | 1.382 | 463 |
| 132440 | PH | Brebu | Podu Cheii | rural | 202 | 64 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|----------------|-------------------------------|---------------|------------|------------|
| 132477 | PH | Călugăreni | Valea Scheilor | rural | 139 | 58 |
| 132583 | PH | Cerașu | Cerașu | rural | 896 | 338 |
| 132592 | PH | Cerașu | Slon | rural | 2.421 | 762 |
| 132618 | PH | Cerașu | Valea Brădetului | rural | 385 | 129 |
| 132636 | PH | Cerașu | Valea Tocii | rural | 352 | 127 |
| 132663 | PH | Chiojdeanca | Nucet | rural | 439 | 154 |
| 132672 | PH | Chiojdeanca | Trenu | rural | 678 | 211 |
| 134817 | PH | Predeal-Sărari | Talburea | rural | 92 | 38 |
| 134826 | PH | Predeal-Sărari | Talburea Văleni | rural | 56 | 19 |
| 134880 | PH | Provița de Jos | Piatra | rural | 142 | 49 |
| 134933 | PH | Provița de Sus | Valea Bradului | rural | 127 | 63 |
| 135137 | PH | Salcia | Salcia | rural | 1.279 | 468 |
| 135299 | PH | Sângeru | Piatra Mica | rural | 195 | 47 |
| 135565 | PH | Șotriile | Lunca Mare | rural | 523 | 166 |
| 135592 | PH | Șotriile | Seciuri | rural | 384 | 127 |
| 135663 | PH | Talea | Talea | rural | 934 | 309 |
| 144143 | SB | Axente Sever | Șoala | rural | 309 | 135 |
| 144250 | SB | Bârghiș | Apoș | rural | 270 | 86 |
| 144241 | SB | Bârghiș | Bârghiș | rural | 760 | 272 |
| 144278 | SB | Bârghiș | Pelișor | rural | 483 | 184 |
| 144296 | SB | Bârghiș | Zlagna | rural | 180 | 69 |
| 144642 | SB | Hoghilag | Valchid | rural | 675 | 253 |
| 144660 | SB | Iacobeni | Iacobeni | rural | 925 | 285 |
| 144704 | SB | Iacobeni | Ștejărișu | rural | 492 | 163 |
| 144759 | SB | Laslea | Florești | rural | 124 | 69 |
| 144768 | SB | Laslea | Mălâncrav | rural | 1.122 | 437 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 144973 | SB | Merghindeal | Merghindeal | rural | 773 | 215 |
| 145015 | SB | Micășasa | Chesler | rural | 108 | 57 |
| 145060 | SB | Mihăileni | Metiș | rural | 295 | 100 |
| 145088 | SB | Mihăileni | Răvășel | rural | 153 | 46 |
| 145097 | SB | Mihăileni | Șalcău | rural | 114 | 43 |
| 145122 | SB | Moșna | Alma Vii | rural | 377 | 107 |
| 145391 | SB | Râu Sadului | Râu Sadului | rural | 719 | 265 |
| 145694 | SB | Șeica Mare | Buia | rural | 624 | 416 |
| 145710 | SB | Șeica Mare | Petiș | rural | 87 | 144 |
| 145729 | SB | Șeica Mare | Șteneș | rural | 183 | 160 |
| 145756 | SB | Șeica Mică | Soroștin | rural | 570 | 201 |
| 140075 | SJ | Almașu | Țăudu | rural | 204 | 83 |
| 140155 | SJ | Bălan | Bălan | rural | 1.026 | 384 |
| 140164 | SJ | Bălan | Chechiș | rural | 626 | 268 |
| 140173 | SJ | Bălan | Chendrea | rural | 872 | 228 |
| 140191 | SJ | Bălan | Gâlgău Almașului | rural | 1.065 | 337 |
| 140413 | SJ | Buciumi | Huta | rural | 29 | 15 |
| 140789 | SJ | Cristolț | Cristolț | rural | 740 | 251 |
| 141269 | SJ | Gârbou | Călăcea | rural | 336 | 168 |
| 141278 | SJ | Gârbou | Cernuc | rural | 273 | 103 |
| 141287 | SJ | Gârbou | Fabrica | rural | 105 | 32 |
| 141241 | SJ | Gârbou | Gârbou | rural | 669 | 245 |
| 141296 | SJ | Gârbou | Popteleac | rural | 366 | 131 |
| 141303 | SJ | Gârbou | Solomon | rural | 420 | 159 |
| 141465 | SJ | Hida | Baica | rural | 133 | 53 |
| 141474 | SJ | Hida | Miluani | rural | 110 | 65 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------------|-------------------------------|---------------|------------|------------|
| 141492 | SJ | Hida | Racâș | rural | 554 | 206 |
| 141508 | SJ | Hida | Sânpetru Almașului | rural | 533 | 241 |
| 141526 | SJ | Hida | Trestia | rural | 362 | 138 |
| 142220 | SJ | Năpradea | Vădurele | rural | 247 | 75 |
| 142391 | SJ | Poiana Blenchii | Fălcușa | rural | 89 | 34 |
| 142694 | SJ | Sânmihaiu Almașului | Bercea | rural | 222 | 88 |
| 142792 | SJ | Surduc | Brâglez | rural | 347 | 124 |
| 142818 | SJ | Surduc | Solona | rural | 283 | 108 |
| 143085 | SJ | Zalha | Ceaca | rural | 289 | 118 |
| 143094 | SJ | Zalha | Ciureni | rural | 135 | 56 |
| 143138 | SJ | Zalha | Vârteșca | rural | 78 | 27 |
| 143076 | SJ | Zalha | Zalha | rural | 371 | 147 |
| 136928 | SM | Batarci | Batarci | rural | 2.381 | 703 |
| 136937 | SM | Batarci | Comlăușa | rural | 876 | 282 |
| 136946 | SM | Batarci | Șirlău | rural | 341 | 102 |
| 137265 | SM | Călinești Oaș | Pășunea Mare | rural | 306 | 133 |
| 137283 | SM | Cămărzana | Cămărzana | rural | 2.607 | 833 |
| 137782 | SM | Halmeu | Băbești | rural | 433 | 139 |
| 137808 | SM | Halmeu | Daboț | rural | 344 | 122 |
| 137773 | SM | Halmeu | Halmeu | rural | 3.688 | 1.023 |
| 138128 | SM | Medieșu Aurit | Medieș Râturi | rural | 325 | 169 |
| 138093 | SM | Medieșu Aurit | Medieșu Aurit | rural | 2.680 | 916 |
| 138609 | SM | Pișcolt | Scărișoara Nouă | rural | 502 | 202 |
| 137791 | SM | Porumbesti | Cidreag | rural | 1.519 | 319 |
| 137835 | SM | Porumbesti | Porumbesti | rural | 1.049 | 413 |
| 138707 | SM | Sanislău | Horea | rural | 197 | 118 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|----------------|-------------------------------|---------------|------------|------------|
| 139027 | SM | Tarna Mare | Bocicău | rural | 677 | 254 |
| 139018 | SM | Tarna Mare | Tarna Mare | rural | 2.449 | 835 |
| 139036 | SM | Tarna Mare | Valea Seacă | rural | 1.234 | 512 |
| 139152 | SM | Târșoț | Târșoț | rural | 2.591 | 816 |
| 139198 | SM | Turț | Gherța Mare | rural | 1.622 | 535 |
| 139205 | SM | Turț | Turț Băi | rural | 162 | 35 |
| 146806 | SV | Adâncata | Adâncata | rural | 2.725 | 868 |
| 147027 | SV | Bălcăuți | Negostina | rural | 1.451 | 503 |
| 147214 | SV | Breaza | Breaza | rural | 1.140 | 496 |
| 147232 | SV | Breaza | Pârâul Negrei | rural | 194 | 84 |
| 147269 | SV | Brodina | Brodina de Jos | rural | 409 | 124 |
| 147278 | SV | Brodina | Cununschi | rural | 93 | 29 |
| 147287 | SV | Brodina | Dubiusca | rural | 64 | 20 |
| 147296 | SV | Brodina | Ehrește | rural | 148 | 46 |
| 147312 | SV | Brodina | Norocu | rural | 40 | 12 |
| 147321 | SV | Brodina | Paltin | rural | 174 | 52 |
| 147330 | SV | Brodina | Sadău | rural | 361 | 108 |
| 147349 | SV | Brodina | Zalomestra | rural | 134 | 40 |
| 147385 | SV | BROȘTENI | Dârmoxa | rural | 191 | 73 |
| 147722 | SV | Cârlibaba | Cârlibaba | rural | 1.041 | 333 |
| 147731 | SV | Cârlibaba | Cârlibaba Nouă | rural | 427 | 137 |
| 147740 | SV | Cârlibaba | Iedu | rural | 171 | 55 |
| 147768 | SV | Cârlibaba | Țibău | rural | 185 | 59 |
| 147777 | SV | Cârlibaba | Valea Stânei | rural | 113 | 35 |
| 147982 | SV | Dărmănești | Călinești - Vasilache | rural | 237 | 93 |
| 148792 | SV | Fundu Moldovei | Botuș | rural | 675 | 264 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|----------------------|-------------------------------|---------------|------------|------------|
| 148783 | SV | Fundu Moldovei | Botușel | rural | 144 | 56 |
| 148809 | SV | Fundu Moldovei | Brașiștea | rural | 127 | 50 |
| 148827 | SV | Fundu Moldovei | Delnița | rural | 105 | 41 |
| 148836 | SV | Fundu Moldovei | Deluț | rural | 82 | 32 |
| 148845 | SV | Fundu Moldovei | Obcina | rural | 49 | 19 |
| 148863 | SV | Fundu Moldovei | Smida Ungurenilor | rural | 32 | 13 |
| 148934 | SV | Grămești | Bălinești | rural | 542 | 218 |
| 148943 | SV | Grămești | Botoșenița Mică | rural | 280 | 112 |
| 148925 | SV | Grămești | Grămești | rural | 1.924 | 773 |
| 148952 | SV | Grămești | Rudești | rural | 135 | 54 |
| 149209 | SV | Izvoarele Sucevei | Bobeca | rural | 494 | 165 |
| 149218 | SV | Izvoarele Sucevei | Brodina | rural | 800 | 269 |
| 149192 | SV | Izvoarele Sucevei | Izvoarele Sucevei | rural | 949 | 318 |
| 149361 | SV | Mălini | Văleni - Stânișoara | rural | 775 | 263 |
| 149405 | SV | Mănăstirea Humorului | Poiana Micului | rural | 982 | 392 |
| 149557 | SV | Moldovița | Argel | rural | 1.002 | 354 |
| 149566 | SV | Moldovița | Demacușa | rural | 1.002 | 354 |
| 149575 | SV | Moldovița | Rașca | rural | 748 | 264 |
| 149593 | SV | Mușenița | Baineț | rural | 369 | 164 |
| 149619 | SV | Mușenița | Climăuți | rural | 507 | 228 |
| 149664 | SV | Ostra | Ostra | rural | 2.905 | 1.002 |
| 149708 | SV | Panaci | Catrinari | rural | 71 | 28 |
| 149726 | SV | Panaci | Drăgoiasa | rural | 208 | 81 |
| 149735 | SV | Panaci | Glodu | rural | 313 | 120 |
| 149744 | SV | Panaci | Păltiniș | rural | 98 | 37 |
| 149888 | SV | Poiana Stampei | Dornișoara | rural | 342 | 122 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 146664 | SV | SIRET | SIRET | urban | 8.086 | 2.732 |
| 150374 | SV | Stulpicani | Gemenea | rural | 898 | 274 |
| 150383 | SV | Stulpicani | Negrileasa | rural | 1.086 | 331 |
| 150409 | SV | Stulpicani | Vadu Negrileasei | rural | 611 | 185 |
| 147615 | SV | Șerbăuți | Călinești | rural | 1.188 | 429 |
| 150720 | SV | Ulma | Costileva | rural | 340 | 109 |
| 150739 | SV | Ulma | Lupcina | rural | 700 | 295 |
| 150748 | SV | Ulma | Măgura | rural | 357 | 114 |
| 150757 | SV | Ulma | Nisipitu | rural | 440 | 141 |
| 150711 | SV | Ulma | Ulma | rural | 414 | 133 |
| 151264 | SV | Zamostea | Badragi | rural | 232 | 88 |
| 151273 | SV | Zamostea | Ciomârtan | rural | 220 | 83 |
| 151282 | SV | Zamostea | Cojocăreni | rural | 154 | 58 |
| 151308 | SV | Zamostea | Lunca | rural | 293 | 110 |
| 151317 | SV | Zamostea | Nicani | rural | 529 | 199 |
| 151326 | SV | Zamostea | Răuțeni | rural | 107 | 40 |
| 151255 | SV | Zamostea | Zamostea | rural | 1.282 | 480 |
| 151362 | SV | Zvoriștea | Buda | rural | 1.117 | 552 |
| 151353 | SV | Zvoriștea | Zvoriștea | rural | 1.080 | 390 |
| 159801 | TL | Baia | Camena | rural | 521 | 150 |
| 160751 | TL | Beștepe | Băltenii de Sus | rural | 117 | 66 |
| 160760 | TL | Beștepe | Beștepe | rural | 1.852 | 677 |
| 159892 | TL | C.A. Rosetti | C.A. Rosetti | rural | 290 | 105 |
| 159909 | TL | C.A. Rosetti | Cardon | rural | 26 | 11 |
| 159918 | TL | C.A. Rosetti | Letea | rural | 397 | 153 |
| 159927 | TL | C.A. Rosetti | Periprava | rural | 307 | 126 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------------|-------------------------------|---------------|------------|------------|
| 159936 | TL | C.A. Rosetti | Sfiștofca | rural | 138 | 59 |
| 160421 | TL | Frecăței | Telița | rural | 648 | 359 |
| 160500 | TL | Hamcearca | Căprioara | rural | 75 | 38 |
| 160485 | TL | Hamcearca | Hamcearca | rural | 360 | 148 |
| 160519 | TL | Hamcearca | Nifon | rural | 741 | 280 |
| 159703 | TL | ISACCEA | Tichilești | rural | 21 | 6 |
| 160591 | TL | Izvoarele | Iulia | rural | 333 | 111 |
| 160671 | TL | Jurilovca | Sălcioara | rural | 1.384 | 400 |
| 160699 | TL | Luncavița | Luncavița | rural | 3.642 | 1.451 |
| 160902 | TL | Mihail Kogălniceanu | Rândunica | rural | 723 | 205 |
| 161213 | TL | Sarichioi | Visterna | rural | 470 | 175 |
| 160608 | TL | Valea Teilor | Valea Teilor | rural | 1.542 | 503 |
| 155644 | TM | Banloc | Partoș | rural | 391 | 145 |
| 155653 | TM | Banloc | Soca | rural | 515 | 191 |
| 155733 | TM | Beba Veche | Beba Veche | rural | 1.042 | 386 |
| 155751 | TM | Beba Veche | Pordeanu | rural | 68 | 26 |
| 157111 | TM | Birda | Birda | rural | 964 | 357 |
| 157139 | TM | Birda | Mănăstire | rural | 241 | 90 |
| 157166 | TM | Birda | Sângeorge | rural | 489 | 181 |
| 156080 | TM | Bogda | Comeat | rural | 27 | 10 |
| 156446 | TM | Comloșu Mare | Comloșu Mare | rural | 3.381 | 1.252 |
| 156464 | TM | Comloșu Mare | Lunga | rural | 547 | 203 |
| 157013 | TM | Foeni | Foeni | rural | 1.189 | 440 |
| 157148 | TM | GĂTAIA | Percosova | rural | 291 | 108 |
| 156393 | TM | Ghilad | Ghilad | rural | 1.651 | 611 |
| 157282 | TM | Giera | Giera | rural | 644 | 239 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 157308 | TM | Giera | Toager | rural | 344 | 128 |
| 157335 | TM | Giulvăz | Crai Nou | rural | 495 | 183 |
| 157371 | TM | Jamu Mare | Jamu Mare | rural | 1.353 | 501 |
| 157415 | TM | Jamu Mare | Lățunaș | rural | 231 | 86 |
| 155617 | TM | Livezile | Dolaț | rural | 532 | 197 |
| 155626 | TM | Livezile | Livezile | rural | 1.038 | 385 |
| 157807 | TM | Moravița | Dejan | rural | 261 | 97 |
| 157790 | TM | Moravița | Moravița | rural | 1.023 | 379 |
| 157905 | TM | Nădrag | Nădrag | rural | 2.552 | 945 |
| 158868 | TM | Teremia Mare | Teremia Mare | rural | 2.547 | 944 |
| 158939 | TM | Tomești | Luncanii de Jos | rural | 45 | 17 |
| 158948 | TM | Tomești | Luncanii de Sus | rural | 588 | 218 |
| 156758 | TM | Vălcani | Vălcani | rural | 1.287 | 476 |
| 152136 | TR | Bogdana | Bogdana | rural | 1.092 | 516 |
| 152154 | TR | Bogdana | Ulmeni | rural | 783 | 334 |
| 152163 | TR | Bogdana | Urlui | rural | 552 | 286 |
| 152243 | TR | Bragadiru | Bragadiru | rural | 4.216 | 1.463 |
| 152323 | TR | Bujoru | Bujoru | rural | 1.749 | 668 |
| 152519 | TR | Cervenیا | Cervenیا | rural | 3.136 | 1.161 |
| 152573 | TR | Coțești | Coțești | rural | 3.598 | 1.171 |
| 152671 | TR | Crângu | Crângu | rural | 1.101 | 426 |
| 152680 | TR | Dracea | Dracea | rural | 1.392 | 518 |
| 153008 | TR | Frumoasa | Frumoasa | rural | 1.764 | 654 |
| 153017 | TR | Frumoasa | Păuleasca | rural | 613 | 255 |
| 152966 | TR | Furculești | Moșteni | rural | 505 | 209 |
| 153115 | TR | Izvoarele | Izvoarele | rural | 2.853 | 761 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|----------------|-------------------------------|---------------|------------|------------|
| 153133 | TR | Lisa | Lisa | rural | 1.631 | 563 |
| 153142 | TR | Lisa | Vânători | rural | 727 | 273 |
| 153160 | TR | Lunca | Lunca | rural | 2.244 | 748 |
| 153357 | TR | Mârzănești | Cernetu | rural | 1.398 | 506 |
| 153598 | TR | Pietroșani | Pietroșani | rural | 3.006 | 1.218 |
| 153856 | TR | Putineiu | Cârlomanu | rural | 397 | 179 |
| 153838 | TR | Putineiu | Putineiu | rural | 1.193 | 524 |
| 153179 | TR | Saelele | Pleașov | rural | 997 | 312 |
| 153197 | TR | Saelele | Saelele | rural | 1.826 | 596 |
| 153945 | TR | Salcia | Salcia | rural | 1.096 | 432 |
| 154406 | TR | Smârdioasa | Șoimu | rural | 546 | 191 |
| 154479 | TR | Suhaia | Suhaia | rural | 2.577 | 938 |
| 167703 | VL | BĂILE OLĂNEȘTI | Cheia | rural | 1.095 | 314 |
| 171584 | VL | Muereasca | Hotarele | rural | 458 | 131 |
| 171548 | VL | Muereasca | Muereasca | rural | 645 | 210 |
| 168176 | VL | OCNELE MARI | Gura Suhasului | urban | 1.618 | 502 |
| 168194 | VL | OCNELE MARI | Ocnița | rural | 571 | 179 |
| 172858 | VL | Runcu | Snamâna | rural | 37 | 22 |
| 175484 | VN | Broșteni | Arva | rural | 361 | 285 |
| 176365 | VN | Gura Caliței | Cocoșari | rural | 108 | 64 |
| 176374 | VN | Gura Caliței | Dealul Lung | rural | 511 | 177 |
| 176392 | VN | Gura Caliței | Lacu lui Baban | rural | 467 | 182 |
| 176579 | VN | Jitia | Cerbu | rural | 246 | 102 |
| 176560 | VN | Jitia | Jitia | rural | 534 | 169 |
| 176597 | VN | Jitia | Jitia de Jos | rural | 401 | 161 |
| 176604 | VN | Jitia | Măgura | rural | 322 | 138 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|-------------------|-------------------------------|---------------|------------|------------|
| 177325 | VN | Poiana Cristei | Petreanu | rural | 208 | 85 |
| 178144 | VN | Tulnici | Greșu | rural | 80 | 47 |
| 178509 | VN | Vintileasca | După Măgura | rural | 85 | 39 |
| 178536 | VN | Vintileasca | Tănăsari | rural | 171 | 61 |
| 178484 | VN | Vintileasca | Vintileasca | rural | 709 | 259 |
| 162096 | VS | Alexandru Vlahuță | Ghicani | rural | 241 | 88 |
| 162158 | VS | Arsura | Arsura | rural | 765 | 251 |
| 162167 | VS | Arsura | Fundătura | rural | 493 | 215 |
| 162185 | VS | Arsura | Pâhnești | rural | 626 | 233 |
| 162283 | VS | Banca | Stoiești | rural | 748 | 305 |
| 162309 | VS | Banca | Țifu | rural | 519 | 172 |
| 162363 | VS | Băcani | Suseni | rural | 448 | 174 |
| 162504 | VS | Berezeni | Berezeni | rural | 2.594 | 817 |
| 162513 | VS | Berezeni | Mușata | rural | 500 | 167 |
| 162522 | VS | Berezeni | Rânceni | rural | 647 | 236 |
| 162531 | VS | Berezeni | Satu Nou | rural | 1.497 | 444 |
| 162540 | VS | Berezeni | Stuhuleț | rural | 292 | 109 |
| 162568 | VS | Blăgești | Blăgești | rural | 1.332 | 591 |
| 162577 | VS | Blăgești | Igești | rural | 324 | 150 |
| 162586 | VS | Blăgești | Sipeni | rural | 143 | 77 |
| 162746 | VS | Bogdănești | Orgoiești | rural | 209 | 88 |
| 162755 | VS | Bogdănești | Ulea | rural | 407 | 123 |
| 162835 | VS | Bogdănița | Coroiești | rural | 277 | 126 |
| 162862 | VS | Bogdănița | Tunsești | rural | 265 | 79 |
| 162880 | VS | Boțești | Boțești | rural | 1.087 | 444 |
| 162933 | VS | Bunești Averești | Averești | rural | 177 | 131 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|-------------------|-------------------------------|---------------|------------|------------|
| 162951 | VS | Bunești Averești | Bunești | rural | 1.407 | 489 |
| 162960 | VS | Bunești Averești | Plopi | rural | 354 | 160 |
| 162979 | VS | Bunești Averești | Podu Oprii | rural | 315 | 123 |
| 162988 | VS | Bunești Averești | Roșiori | rural | 157 | 87 |
| 162997 | VS | Bunești Averești | Tăbălăești | rural | 285 | 126 |
| 163048 | VS | Codăești | Rediu Galian | rural | 667 | 236 |
| 163128 | VS | Coroiești | Păcurărești | rural | 46 | 23 |
| 163226 | VS | Crețești | Budești | rural | 287 | 121 |
| 163235 | VS | Crețești | Crețeștii de Sus | rural | 758 | 321 |
| 163244 | VS | Crețești | Satu Nou | rural | 369 | 143 |
| 164295 | VS | Dimitrie Cantemir | Grumezoaia | rural | 619 | 400 |
| 164302 | VS | Dimitrie Cantemir | Gușiței | rural | 895 | 386 |
| 164286 | VS | Dimitrie Cantemir | Hurdugi | rural | 765 | 354 |
| 164311 | VS | Dimitrie Cantemir | Plotonești | rural | 412 | 297 |
| 164320 | VS | Dimitrie Cantemir | Urlați | rural | 315 | 162 |
| 166725 | VS | Dodești | Dodești | rural | 1.529 | 750 |
| 166743 | VS | Dodești | Urdești | rural | 297 | 100 |
| 163654 | VS | Drânceni | Ghermănești | rural | 2.141 | 864 |
| 163716 | VS | Duda Epureni | Duda | rural | 1.476 | 628 |
| 163725 | VS | Duda Epureni | Valea Grecului | rural | 1.728 | 578 |
| 163805 | VS | Epureni | Bârlălești | rural | 779 | 246 |
| 163814 | VS | Epureni | Bursuci | rural | 903 | 287 |
| 163823 | VS | Epureni | Horga | rural | 468 | 152 |
| 163869 | VS | Fălcu | Bozia | rural | 521 | 256 |
| 163878 | VS | Fălcu | Copăceana | rural | 697 | 311 |
| 163841 | VS | Fălcu | Fălcu | rural | 2.721 | 1.083 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 163887 | VS | Fălcium | Odaia Bogdana | rural | 374 | 126 |
| 163896 | VS | Fălcium | Rânzești | rural | 1.138 | 447 |
| 164106 | VS | Gârceni | Racovița | rural | 202 | 67 |
| 163912 | VS | Găgești | Găgești | rural | 501 | 143 |
| 163921 | VS | Găgești | Giurcani | rural | 642 | 192 |
| 163930 | VS | Găgești | Peicani | rural | 624 | 210 |
| 163949 | VS | Găgești | Popeni | rural | 43 | 19 |
| 163958 | VS | Găgești | Tupilați | rural | 417 | 156 |
| 164017 | VS | Gherghești | Draxeni | rural | 176 | 84 |
| 164026 | VS | Gherghești | Lazu | rural | 111 | 48 |
| 164213 | VS | Hoceni | Barboși | rural | 793 | 288 |
| 164204 | VS | Hoceni | Hoceni | rural | 580 | 232 |
| 164231 | VS | Hoceni | Oțeleni | rural | 632 | 323 |
| 164259 | VS | Hoceni | Șișcani | rural | 414 | 207 |
| 164268 | VS | Hoceni | Tomșa | rural | 164 | 73 |
| 164758 | VS | Lunca Banului | Lunca Banului | rural | 2.200 | 744 |
| 164794 | VS | Lunca Banului | Lunca Veche | rural | 105 | 35 |
| 164801 | VS | Lunca Banului | Oțetoaia | rural | 857 | 266 |
| 164847 | VS | Mălușteni | Ghireasca | rural | 214 | 113 |
| 164856 | VS | Mălușteni | Lupești | rural | 632 | 266 |
| 164865 | VS | Mălușteni | Mânăstirea | rural | 144 | 85 |
| 164874 | VS | Mălușteni | Mânzătești | rural | 504 | 218 |
| 164838 | VS | Mălușteni | Mălușteni | rural | 599 | 289 |
| 164883 | VS | Mălușteni | Țuțcani | rural | 643 | 338 |
| 165005 | VS | MURGENI | Cârja | rural | 1.210 | 597 |
| 165050 | VS | MURGENI | Floreni | rural | 639 | 210 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 165014 | VS | MURGENI | Lățești | rural | 610 | 259 |
| 164990 | VS | MURGENI | MURGENI | urban | 3.655 | 1.057 |
| 165041 | VS | MURGENI | Raiu | rural | 718 | 235 |
| 165023 | VS | MURGENI | Sărățeni | rural | 443 | 156 |
| 165032 | VS | MURGENI | Schineni | rural | 413 | 177 |
| 165087 | VS | Oltenești | Curteni | rural | 271 | 110 |
| 165158 | VS | Oșești | Buda | rural | 1.393 | 501 |
| 165167 | VS | Oșești | Pădureni | rural | 411 | 84 |
| 165176 | VS | Oșești | Vâlcele | rural | 63 | 15 |
| 165201 | VS | Pădureni | Capotești | rural | 138 | 76 |
| 165229 | VS | Pădureni | Ivănești | rural | 517 | 265 |
| 165194 | VS | Pădureni | Pădureni | rural | 1.216 | 576 |
| 165265 | VS | Pădureni | Văleni | rural | 1.333 | 695 |
| 166609 | VS | Pochidia | Satu Nou | rural | 281 | 77 |
| 165620 | VS | Pungești | Pungești | rural | 931 | 357 |
| 165853 | VS | Roșiști | Gura Idrici | rural | 522 | 219 |
| 165862 | VS | Roșiști | Idrici | rural | 417 | 211 |
| 165826 | VS | Roșiști | Roșiști | rural | 1.360 | 476 |
| 165880 | VS | Roșiști | Valea lui Darie | rural | 684 | 293 |
| 166002 | VS | Stănilești | Budu Cantemir | rural | 333 | 137 |
| 166039 | VS | Stănilești | Pogănești | rural | 1.165 | 500 |
| 166164 | VS | Șuletea | Jigălia | rural | 291 | 97 |
| 166173 | VS | Șuletea | Rășcani | rural | 267 | 125 |
| 166146 | VS | Șuletea | Șuletea | rural | 1.300 | 465 |
| 166280 | VS | Tăcuta | Mircești | rural | 316 | 151 |
| 166306 | VS | Tăcuta | Sofieni | rural | 90 | 28 |

| SIRUTA Code | County | Locality name | Belonging localities/villages | Locality type | Population | Households |
|-------------|--------|---------------|-------------------------------|---------------|------------|------------|
| 166333 | VS | Tătărași | Bălțați | rural | 697 | 227 |
| 166404 | VS | Tătărași | Valea Seacă | rural | 51 | 23 |
| 166681 | VS | Vetrișoara | Vetrișoara | rural | 3.947 | 1.333 |
| 166690 | VS | Vetrișoara | Bumbăta | rural | 166 | 100 |
| 166761 | VS | Viișoara | Văltotești | rural | 273 | 118 |
| 166752 | VS | Viișoara | Văleni | rural | 190 | 69 |
| 166716 | VS | Viișoara | Viișoara | rural | 1.303 | 561 |
| 166814 | VS | Vinderei | Docăneasa | rural | 401 | 148 |
| 166823 | VS | Vinderei | Gara Docăneasa | rural | 123 | 47 |
| 166841 | VS | Vinderei | Obârșeni | rural | 1.132 | 473 |
| 166850 | VS | Vinderei | Valea Lungă | rural | 418 | 135 |
| 166958 | VS | Voinești | Rugăria | rural | 66 | 23 |
| 167053 | VS | Vutcani | Mălăiești | rural | 423 | 169 |
| 167062 | VS | Vutcani | Poșta Elan | rural | 192 | 72 |
| 167044 | VS | Vutcani | Vutcani | rural | 1.752 | 812 |
| 167204 | VS | Zorleni | Popeni | rural | 2.569 | 989 |

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