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Pursuant to the provisions of art. 10 para. (2) point 32 and of art. 12 para. (3) of the Emergency Ordinance of the Government no. 22/2009 regarding the establishment of the National Authority for Communications Administration and Regulation, approved by Law no. 113/2010, with subsequent amendments and additions, of art. 13 para. (1) and (2), art. 18 para. (1) and of art. 20 para. (1) of Emergency Ordinance no. 34/2008 regarding the organization and operation of the unique national system for emergency calls, approved with amendments and additions by Law no. 160/2008, with subsequent amendments and additions, of the provisions of art. 62 para. (2) and art. 70 para. (2), (5) and (12) of the Government Emergency Ordinance no. 111/2011 regarding electronic communications, approved with amendments and additions by Law no. 140/2012, with subsequent amendments and additions, as well as the provisions of art. IV para. (2) of the Government Emergency Ordinance no. 48/2023 regarding some measures in the field of the single national system for emergency calls,

NATIONAL AUTHORITY FOR ADMINISTRATION AND REGULATION IN COMMUNICATIONS

issues this:

DECISION

regarding the amendment and completion of the Decision of the President of the National Authority for Communications no. 1023/2008 regarding making communications to the National Single System for emergency calls

Art. I. – Decision of the President of the National Communications Authority no. 1023/2008 regarding making communications to the unique national system for emergency calls, published in the Official Gazette of Romania, Part I, no. 734 of October 30, 2008, with subsequent amendments and additions, is amended and supplemented as follows:

1. Article 2 paragraph (1), letter b) is amended and will have the following content:

"b) Operator – ORANGE ROMANIA - SA;".

**2. In article 2, paragraph (1), after letter r) a new letter, letter s), is inserted
the following content:**

"s) TAC (Type Allocation Code) – the first 8 digits of the IMEI code (International Mobile Equipment Identity), a code that uniquely identifies each terminal equipment in all public mobile electronic communications networks, according to the technical documents issued by the GSM Association (GSMA)
- GSM Association Official Document TS.06 - IMEI Allocation and Approval Process."

**3. In article 20, after paragraph (6), three new paragraphs are inserted, paragraphs (7) - (9), with the
following content:**

"(7) In order to apply the provisions of art. 3 paragraph (1), The Operator has the obligation to provide the providers of public electronic communications networks, without interruption, the interconnection service based on IP technology, under the conditions provided by this decision.

(8) The interconnection provided for in para. (7) is achieved through secure data links, ensuring redundancy both physically and logically.

(9) In order to transport calls to the 112 emergency service, the Operator takes priority over traffic from the interconnection point with a provider of public electronic communications networks and forwards it to SNUAU with priority, using the SIP/SIP-I protocol, according to the provisions Art. 31. "

4. Article 21, paragraph (1) is amended and will have the following content:

"**Art. 21.** – (1) The providers of public electronic communications networks are obliged to take all the necessary measures to ensure uninterrupted transmission of calls to the emergency service 112, by using the services of the switched transit operator or interconnection based on IP technology, depending on the technology used to initiate the call to the 112 emergency service, including in cases where the end users are roaming on the territory of Romania."

5. In Article 21, after paragraph (3), a new paragraph, paragraph (31), is inserted, with the following content:

"(31) In the case of using packet switching technology, providers of public electronic communications networks are obliged to enter the geographical area code corresponding to the geographical area from which the call was initiated, in accordance with the National Numbering Plan, in the fields header from the "SIP Invite" signaling message, of the SIP signaling protocol. If the technologies implemented by some of the providers do not allow the use of the SIP signaling protocol, the SIP-I signaling protocol will be used."

6. Article 21, paragraph (4) is amended and will have the following content:

"(4) The operator has the obligation to take over and transmit to SNUAU, in a transparent manner, the geographical area identifier introduced by the providers of public electronic communications networks, in accordance with the provisions of para. (3) and (31)."

7. In Article 23, paragraphs (1) and (3) are amended and will have the following content:

"**Art. 23.** – (1) The rate that can be charged for the interconnection service in order to transit calls to the 112 emergency service provided by the Operator will not be able to exceed 0.05 euro cents/minute.

.....

(3) The tariff for the interconnection service for the transit of calls to the 112 emergency service provided by the Operator to other providers of public electronic communications networks shall be invoiced by it, together with all the tariffs for the services necessary to create, modify and operate the interconnection between the Operator's network and SNUAU, the administrator of SNUAU."

8. In article 24 1 , after paragraph (4) a new paragraph, paragraph (5), is inserted, with the following content:

"(5) In the case of using packet switching technology, the providers provided for in para. (1) have the obligation to enter the geographical area identifier corresponding to the geographical area from which the call was initiated, in accordance with the National Numbering Plan, in the header fields within

the «SIP Invite» signaling message of the SIP signaling protocol. If the technologies implemented by some of the providers do not allow the use of the SIP signaling protocol, the SIP-I signaling protocol will be used."

9. In article 25, after paragraph (3), a new paragraph, paragraph (4), is inserted, with the following content:

"(4) Providers of public mobile electronic communications networks have the obligation to transmit the determined location information, regardless of the type of network or the terminal equipment used, for all categories of calls to the emergency service 112, under the conditions of this decision."

10. In Article 27, paragraphs (1) and (2) ¹⁾ are modified and will have the following content:

"Art. 27. – (1) Depending on the technology used to initiate the call to the 112 emergency service, providers of public mobile electronic communications networks have the obligation to transmit the primary location information, provided for in art. 25 para. (1), at the initiation of each call, in the form of a cell identifier and, where there are multiple sectors, in the form of a cell sector identifier (cell-id/sector-id) on the signaling network, at the initiation of the call, using the signaling system on common channel no. 7 times the corresponding parameter in the P-Access-Network-Info (PANI) header field of the Session Initiation Protocol (SIP) «SIP Invite» signaling message, in the hexadecimal format defined according to the corresponding 3GPP standards.

.....

(21) The operator has the obligation to make the primary location information available to SNUAU through the interconnection solution using IP technology, without changing or altering it, using the Session Initiation Protocol (SIP) signaling protocol and/or by encapsulating the ISUP component in the signaling protocol Session Initiation Protocol (SIP)/Session Initiation Protocol with encapsulated ISUP (SIP-I), in the "Location Number" parameter, within the "MIME - Encapsulated multipart part (application/ISUP)" component, located in the body of the message signaling, or in the corresponding parameter in the P-Access-Network-Info (PANI) header field of the «SIP Invite» signaling message of the Session Initiation Protocol (SIP) signaling protocol, depending on the technology used to initiate the call to the service emergency 112."

11. In Article 27, after paragraph (6), eight new paragraphs are inserted, paragraphs (7) - (14), with the following content:

"(7) The providers of public mobile electronic communications networks have the obligation to transmit the location information determined through the secure data channel between the location platforms implemented by the providers of public mobile electronic communications networks and SNUAU.

(8) The latest version of the MLP protocol agreed by the providers of public mobile electronic communications networks with the SNUAU administrator, in accordance with the specifications of the Open Mobile Alliance (OMA), will be used for the transmission of determined location information.

The specifications of the communication interfaces for the transmission of the determined location information on data connections will be established by mutual agreement between the SNUAU administrator and the providers of public mobile electronic communications networks.

(9) For the transmission of determined location information, the associated messages and flows, supported and configured at the level of the technologies in use for the provision of voice-type mobile electronic communications services, according to the MLP standard, are the following:

- for the NI-LR flow: eme-rep;
- for the MT-LR flow: eme-lir and eme-lia.

(10) Within the MLP messages containing the location information eme-rep and eme-lia, the radio cell identifier defined according to the corresponding 3GPP standards is also transmitted, so that the unique and easy identification of the network technology that provided the parameters can be achieved necessary to establish the determined location information.

(11) In the event of malfunctions at the level of the technical solution implemented for the establishment and transmission of determined location information to SNUAU, the providers of public mobile electronic communications networks take all the necessary measures to remedy them within a maximum of 8 hours from the notification of the malfunction by the SNUAU administrator.

(12) Within 60 minutes from the notification by the SNUAU administrator regarding malfunctions at the level of the technical solution implemented for the establishment and transmission to the SNUAU of the determined location information, the providers of public mobile electronic communications networks have the obligation to transmit to the SNUAU administrator the time interval in which the intervention to remedy the dysfunction is expected to be completed.

(13) Within 60 minutes from the detection by the providers of public mobile electronic communications networks of some malfunctions at the level of the technical solution implemented for the establishment and transmission of determined location information to SNUAU, they have the obligation to notify the administrator of SNUAU regarding the impossibility of transmitting the determined location information, specifying an estimated time for remediation.

(14) The providers of public mobile electronic communications networks notify the SNUAU administrator about the performance of maintenance works that could have an impact on the operation of the technical solution implemented for the establishment and transmission of the determined location information to the SNUAU, at least 24 hours before carrying out these maintenance works."

12. Article 30, paragraph (1) is amended and will have the following content:

"Art. 30. - (1) Providers of public fixed electronic communications networks transmit the primary location information in the form of the "Calling Line Identity" (CLI) parameter in the IAM message of the common channel signaling system no. 7, the ISUP component, or in the corresponding parameter in the P-Asserted Identity header field or in the FROM field (if P-Asserted Identity is not populated), in international format, of the Session Initiation Protocol (SIP) signaling protocol. If the technologies implemented by some of the providers do not allow the use of the SIP signaling protocol, the SIP-I signaling protocol will be used."

13. After article 342, a new article is inserted, article 343 , with the next one content:

"Art. 343 . – (1) Providers of public mobile electronic communications networks are obliged to send ANCOM, in CSV format, to the e-mail address comunicatii.112@ancom.ro, biannually, until June 30, respectively until December 31, a statistical situation with the terminals connected to the network, specifying the name of the manufacturer, the name of the terminal and the version of the operating system of the terminal, if this version can be known by the supplier and, in addition, each capability of the terminals mentioned in para. (2), established including on the basis of some information contained in the TAC identifier, for a day included in the mentioned periods, as well as the number of all terminals connected to the network on that day. The minimum period between the two reports is 5 months.

(2) The capabilities provided for in para. (1) are the following:

- a) VoLTE capability;
- b) 4G capability;
- c) 5G capability;
- d) GNSS capability.

(3) To the extent that the information necessary to establish one or more of the capabilities provided for in para. (2) cannot be obtained by a provider of public mobile electronic communications networks, then he will report according to the provisions of para. (1) the capabilities for which he obtained the necessary information."

Art. II. – The first transmission of the information provided for in art. I point 13 is carried out by the providers of public mobile electronic communications networks until January 8, 2025, for a date included in the period August 1, 2024 - December 30, 2024, containing the data available at that time.

Art. III. – This decision is published in the Official Gazette of Romania, Part I, and enters into force on the date of its publication.

PRESIDENT,

Valeriu Stefan ZGONEA

Bucharest, 25.06.2024

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