

## APPENDIX IV.

### Codification of Telecommunications Services

| A. CLASSES OF FIXED TELECOMMUNICATIONS SERVICES |  |       |  |
|---|--|-------|--|
| A01.  | Provision of Fixed Network Transmission (excluding Satellite Transmission Lines) | A0101 | Provision of fixed network transmission lines (leased Lines) to the public, via (entirely or in part) a network infrastructure owned and/or managed by the declarant |
| A02.  | Capacity Leasing   | A0201 | Leasing of capacity to the public, via (entirely or in part) a network infrastructure owned and/or managed by the declarant  |
|   |  | A0202 | Provision of Private Virtual Network (PVN) to the public, via (entirely or in part) a network infrastructure owned and/or managed by the declarant                   |
| A03.  | Data Transmission Services   | A0301 | Packet-switched data transmission  |
|   |  | A0302 | Circuit-switched data transmission   |
|   |  | A0303 | Telex service without allocation of numbers under the NNP  |
| A04.  | Value-Added Data Services  | A0401 | Electronic mail (e-mail)   |
|   |  | A0402 | Electronic Data Interchange (EDI)  |
|   |  | A0403 | Value-added facsimile service  |
|   |  | A0404 | Accounting services/ Electronic Funds Transfer (EFT)   |
|   |  | A0405 | Remote control services  |
|   |  | A0406 | Teletex  |
|   |  | A0407 | Videography services   |
|   |  | A0408 | Telewriting services   |
|   |  | A0409 | Teleprocessing services  |
|   |  | A0410 | Telegraphy services  |
|   |  | A0411 | Telemetry services   |
| A05.  | Integrated Value-Added Services  | A0501 | Videoconference  |
|   |  | A0502 | Business TV  |
|   |  | A0503 | Viewphone  |
| A06.  | Network Management Services  | A0601 | Network operation for Closed User Groups, including the provision of general telecommunications services (Including voice switching)                                 |
|   |  | A0602 | Network operation for Closed User Groups, including the provision of general telecommunications services (Excluding voice switching)                                 |
|   |  | A0603 | Provision of gateways between networks belonging to different parties  |
|   |  | A0604 | Network access services, e.g. for access to networks of mailbox providers, on-line information service and/or Internet Service Providers                             |
|   |  | A0605 | Network support services   |
|   |  | A0606 | Intelligent Network (IN) services  |
|   |  | A0607 | Automatic Call-back services   |
| A07.  | Internet Services  | A0701 | Provision of Internet services   |
| A08.  | Technical Provision of Broadcasting  | A0801 | Transmission of audio and/or TV signals between installations<br>Services of Broadcasting Companies  |
|   |  | A0802 | Relaying of Broadcasting signals   |
|   |  | A0803 | Distribution of Broadcasting signals - via terrestrial relay stations - via cable networks   |

**A. CLASSES OF FIXED TELECOMMUNICATIONS SERVICES**

|      |  |       |  |
|------|--|-------|--|
| A09. | Technical Provision of Multimedia Services | A0901 | Provision of multimedia services   |
| A10. | Voice Services                             | A1001 | Voice Telephony services for the public, via (entirely or in part) a network infrastructure owned and/or managed by the declarant, without allocation of numbers under the NNP |
|      |  | A1002 | Voice services provided via the Internet   |
| A11. | Value-Added Voice Services                 | A1101 | Voice mailbox  |
|      |  | A1102 | Audiotex   |
|      |  | A1103 | Audioconference services   |
| A12. | Public Telecommunications Stations         | A1201 | Provision of public phones   |
|      |  | A1202 | Other telecommunications stations  |
| A13. | Other Telecommunications Services          |       |  |

**B. CLASSES OF MOBILE RADIO COMMUNICATIONS SERVICES**

|      |  |       |  |
|------|--|-------|--|
| B01. | Mobile Voice Services                                | B0101 | Voice transmission for the public, without allocation of numbers under the NNP |
|      |  | B0102 | Facsimile and data transmission  |
|      |  | B0103 | SMS (Short Messaging Service)  |
|      |  | B0104 | Mailbox Services   |
| B02. | Radio Call Services                                  | B0201 | Unidirectional transmission of news (sound, drawings and/or text)              |
| B03. | Radiocommunications Services for Closed Users Groups | B0301 | Voice and data transmission for Closed User Groups                             |
| B04. | Mobile Radio Data Services                           | B0401 | Packet-switched data transmission  |
| B05. | In-flight Telephony Services                         | B0501 | Voice, data and facsimile transmission   |
| B06. | Other Telecommunications Services                    |       |  |

**C. CLASSES OF SATELLITE SERVICES**

|      |   |       |   |
|------|---|-------|---|
| C01. | Provision of Satellite Transmission Lines | C0101 | Provision of Satellite Transmission Lines to the public, via (entirely or in part) a network infrastructure owned and/or managed by the declarant |
| C02. | General Satellite Services                | C0201 | Broadcasting Distribution services  |
|      |   | C0202 | Business TV   |
|      |   | C0203 | Satellite News Gathering  |
|      |   | C0204 | Data Transmission services  |
|      |   | C0205 | Videoconference   |
| C03. | Mobile Satellite Services                 | C0301 | Fleet Management/ Position-Finding services   |
|      |   | C0302 | Telephony services  |
|      |   | C0303 | Data services   |
| C04. | Satellite Broadcasting Services           | C0401 | Transmission of audio and TV signals between Broadcasting Stations  |
|      |   | C0402 | Transmission of broadcast signals   |
|      |   | C0403 | Distribution of broadcast signals   |
| C05. | Other Telecommunications Services         |       |   |

| EXPLANATIONS |   |
|--------------|---|
| A0101        | The telecommunications means-facilities that offer capacity for transparent transmission between terminal points of the network, without offering optional switching capabilities (switching operations that may be controlled by the user as part of the leased line).         |
| A0201        | Leasing to the public of a part of the capacity of telecommunications lines, via (entirely or in part) a network infrastructure owned and/or managed by the declarant.  |
| A0202        | Provision of a Private Virtual Network via (entirely or in part) a network infrastructure owned and/ or managed by the declarant. Private Virtual Network is the section of the corporate network that provides network services using common switching network infrastructure. |
| A0301        | Packet-switched transmission of digital information using specific standards, such as X.25, FPS (Fast Packet Switching) etc.  |
| A0302        | Circuit-switched transmission of digital information using specific standards, such as X.21.  |
| A0303        | Telegraphic service allowing direct temporary communication between subscribers, using a start-stop device and telecommunications circuits of the public telecommunications network.  |
| A0402        | Transmission of digital information using EDI standards.  |
| A0403        | Transmission of information stored in a database, using retrieval from the memory and automated mass-transmission.  |
| A0404        | Transmission of data for processing transactions between computers supporting running general accounting applications, as well as between computer systems supporting electronic payments (e.g. clearing systems etc.).   |
| A0405        | Transmission of data for remote control, tele-monitoring and remote diagnosis (excluding services for remote control of the operation of telecommunications networks/systems through private usage switchers).  |
| A0406        | Telematic service for transmission of text, offering additional facilities compared to the telex service and, more specifically, typing and remote text processing functions.   |
| A0407        | Telecommunications form in which information (generally in the form of digital data) is transmitted primarily in order to allow its selection and display to the user, in the form of text or image, using a visual display unit such as a TV monitor.                          |
| A0408        | Telecommunications service having as its purpose to transmit and simultaneously regenerate graphics in a remote terminal, in the form in which they had been written or designed in the sending terminal.   |
| A0409        | Service that combines telecommunications techniques with data processing techniques, with the aim to remotely process information.  |
| A0410        | Telecommunications service in which the information transmitted is intended to be recorded, upon reception, as a graphics string. The information transmitted may sometimes be displayed in an alternative format or may be stored for future use.                              |
| A0411        | Procedure in the context of which measurements take place at remote locations and the results are transmitted via telecommunications networks.  |
| A0501        | Teleconferencing service, where the participants are connected via circuits allowing the transmission of fully moving image, voice, text and data.  |
| A0502        | Broadband transmission of audio and TV signals to Closed User Groups (e.g. for educational purposes).   |
| A0503        | Service combining telephony techniques with TV techniques, allowing users to see each other during their telephone communication.   |
| A0601        | Operation and management of telecommunications networks for Closed User Groups, including voice switching capabilities.   |
| A0602        | Operation and management of telecommunications networks for Closed User Groups, without voice switching capabilities.   |
| A0603        | Provision of gateways, in order to achieve interconnection between networks belonging to different parties.   |

| EXPLANATIONS |  |
|--------------|--|
| A0604        | Provision of gateways in networks, e.g. networks of voice mailbox providers, on-line information service providers and Internet providers (including the services provided in these networks, such as e-mail, fax, etc.).  |
| A0605        | Transmission of data for remote control, tele-monitoring, remote diagnosis and support of telecommunications networks or systems.  |
| A0606        | Network services, provision of which requires Intelligent Network features and functionalities (e.g. the called party assumes payment of telephone charges, etc.).   |
| A0607        | Provision of (international) connections using the automatic call-back method.   |
| A0701        | Services that are provided via the Internet and do not belong to any of the other classes described above.   |
| A0801        | Transmission of audio and/ or TV signal between Broadcasting Companies, via external transmission and distribution lines, as well as via programme exchange lines.   |
| A0802        | Transmission of audio and TV signals from the radio or TV station to the broadcasting distribution networks.   |
| A0803        | Distribution of broadcasting signals to subscribers, via broadcasting distribution networks using cable networks and/or terrestrial relay stations.  |
| A0901        | Transmission and management of multimedia services via telecommunications networks. Multimedia services include teleshopping, tele-education, video-on-demand, pay-per-view or similar services.   |
| A1001        | Real-time voice transmission and/or switching, via (entirely or in part) a network infrastructure owned and/or managed by the declarant, without allocation of numbers under the NNP (including the provision of general facsimile services).  |
| A1002        | Voice services provided via the Internet and without allocation of numbers under the NNP.  |
| A1101        | Provision of voice memory, where voice mail may be deposited and retrieved.  |
| A1102        | Provision of technical infrastructure for retrieval of information and entertainment programmes via a specific call number.  |
| A1103        | Teleconferencing service, where the participants are connected via circuits supporting the transmission of voice. In addition to voice, other signals (such as facsimile or telewriting) can also be transmitted.  |
| A1201        | Provision of public phones (including provision of general facsimile services).  |
| A1202        | Provision of other telecommunications stations.  |
| B0101        | Real-time voice transmission and/or switching, via (entirely or in part) a mobile telephony network infrastructure owned and/or managed by the declarant, without allocation of numbers under the NNP. Call forwarding is through cellular analogue or digital terrestrial radio networks and points providing interconnection with public fixed networks. |
| B0102        | Facsimile services (printed or computer-generated fax) and data transmission services.   |
| B0103        | Transmission of short messages (up to 160 alphanumeric characters).  |
| B0104        | Provision of voice memory.   |
| B0201        | Analogue and digital transmission of signal, which introduces sound series or alphanumeric characters to mobile receivers.   |
| B0301        | Analogue or digital transmission of voice and data to a restricted user group. Transition to a fixed network is one option.  |
| B0401        | Transmission of digital information by packet switching via virtual connections, using specific standards (e.g. X.25) on a mobile data radio network. Transition to a fixed network is possible.   |
| B0501        | Voice, data and facsimile communications with fixed and mobile networks, for passengers of airborne vehicles, via terrestrial radio stations.  |

| EXPLANATIONS |   |
|--------------|---|
| C0101        | The telecommunications means-facilities that offer capacity for transparent transmission between terminal points of the satellite network, without offering optional switching capabilities (switching operations that may be controlled by the user as part of the leased line). |
| C0201        | Unidirectional data transmission in the form of point-to-multipoint connections.  |
| C0202        | Broadband transmission of audio and TV signals to one or more receiving stations of a selected group of users.  |
| C0203        | Transmission of video from the location where it takes place to a TV studio, via mobile satellite transmission systems.   |
| C0204        | Provision of unidirectional or interactive data transmission paths to the installations of subscribers, via satellite systems.  |
| C0205        | Teleconferencing service, where the participants are connected, via suitable satellite links, for the transmission of fully moving image, voice, text and data.   |
| C0301        | Transmission of alphanumeric data and information between a central station and moving units (vehicles) and radiolocation.  |
| C0302        | Real-time voice transmission and/or switching, via analogue and/or digital satellite networks.  |
| C0303        | Data transmission and/or switching via analogue and/or digital satellite networks.  |
| C0401        | Transmission of audio and TV signals between broadcasting station, via satellite links.   |
| C0402        | Transmission of broadcast signals from the broadcasting station to the corresponding broadcasting distribution satellites.  |
| C0403        | Distribution of broadcast signals for direct satellite reception by broadcasting subscribers.   |