**Voting list for TSG RAN WG 4 meeting RAN4#98-bis-e**

**List created on: 23 Feb 2021**

This report shows the 3GPP Individual Member organizations on the Voting List for **TSG RAN WG 4**

Inclusion on the list is obtained by attending meetings of TSG RAN WG 4

For details on voting, see [Article 35](http://www.3gpp.org/ftp/Information/Working_Procedures/3GPP_WP.htm#Article_35) of the 3GPP Working Procedures.

If you believe your company should be included in this list, please provide supporting information to MCC, the 3GPP Support Team, via email to [3gppcontact@3gpp.org](mailto:3gppcontact@3gpp.org?subject=voting%20list%20query%20TSG%20RAN%20WG%204)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Individual Member - 3** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **3in *(Industrial Internet Innovation Center (Shanghai) Co.,Ltd.)*** *[16670]* | **CCSA** | n | n | n | n | n | n | **No** | **No** |
| **Individual Member - 4** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **450connect GmbH** *[15554]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Individual Member - 5** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **5G WIN *(5G Wireless Intelligent Networks)*** *[16826]* | **ETSI** | y | n | n | n | y | n | **No** | **No** |
| **Individual Member - 7** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **7LAYERS GmbH** *[10506]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Individual Member - A** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **A.S.T.R.I.D. S.A.** *[9551]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **ABP, NRTA *(Academy of Broadcasting Planning, NRTA)*** *[16534]* | **CCSA** | n | n | n | n | n | n | **No** | **No** |
| **ABS *(Academy of Broadcasting Science)*** *[15963]* | **CCSA** | y | y | y | n | y | y | **Yes** | **No** |
| **AccelerComm Ltd** *[15503]* | **ETSI** | y | n | n | n | n | n | **No** | **No** |
| **Acer Incorporated** *[14023]* | **ETSI** | y | n | y | n | n | n | **No** | **No** |
| **adare GmbH** *[13362]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **ADTRAN GmbH** *[10791]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Aeroflex/VIAVI *(Aeroflex Ltd a VIAVI Solutions Company)*** *[16021]* | **ETSI** | y | n | n | n | y | y | **Yes** | **No** |
| **Airbus *(Airbus DS SLC)*** *[16466]* | **ETSI** | y | n | n | n | n | n | **No** | **No** |
| **Airwave Solutions Limited** *[13262]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **albis-elcon system GermanyGmbH *(albis-elcon system Germany GmbH)*** *[16701]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Alibaba (China) Group., Ltd.** *[15076]* | **CCSA** | n | n | n | n | n | n | **No** | **No** |
| **Allot Ltd** *[16373]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Altan Redes S.A.P.I. de C.V.** *[15813]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Altiostar *(Altiostar Networks UK Limited)*** *[15516]* | **ETSI** | n | n | y | y | y | y | **Yes** | **No** |
| **Amazon *(Amazon Web Services, Inc.)*** *[15490]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Amdocs Software Systems Ltd *(Amdocs Software Systems Limited)*** *[12312]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Andrew Wireless Systems GmbH** *[3491]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Anemone Technology** *[14828]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Anritsu Corporation** *[9746]* | **ARIB** | y | y | y | y | y | y | **Yes** | **No** |
| **ANRITSU LTD** *[9736]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Anterix** *[16791]* | **ATIS** | n | n | n | n | n | n | **No** | **No** |
| **Apple (UK) Limited** *[11855]* | **ETSI** | y | n | y | n | y | y | **Yes** | **No** |
| **Apple AB** *[16124]* | **ETSI** | y | y | y | y | n | y | **Yes** | **No** |
| **Apple Benelux B.V.** *[16128]* | **ETSI** | y | y | n | n | y | y | **Yes** | **No** |
| **Apple Computer Trading Co. Ltd *(Apple Computer Trading (Shanghai) Co., Ltd.)*** *[14416]* | **CCSA** | y | n | y | n | y | y | **Yes** | **No** |
| **Apple Europe Limited** *[14447]* | **ETSI** | y | y | y | n | n | y | **Yes** | **No** |
| **Apple France** *[14442]* | **ETSI** | y | y | y | y | n | y | **Yes** | **No** |
| **Apple Gesellschaft m.b.H.** *[16127]* | **ETSI** | y | n | y | n | y | y | **Yes** | **No** |
| **Apple GmbH** *[14441]* | **ETSI** | y | n | y | y | y | y | **Yes** | **No** |
| **Apple Hungary Kft.** *[16126]* | **ETSI** | y | n | y | n | y | y | **Yes** | **No** |
| **Apple Italia S.R.L.** *[14440]* | **ETSI** | y | n | y | y | n | y | **Yes** | **No** |
| **Apple Poland Sp. z.o.o.** *[16125]* | **ETSI** | y | n | y | n | n | y | **Yes** | **No** |
| **Apple Portugal** *[14444]* | **ETSI** | n | y | y | n | n | y | **Yes** | **No** |
| **Apple Switzerland AG** *[14443]* | **ETSI** | n | y | n | y | n | y | **Yes** | **No** |
| **AQSACOM S.A.S.** *[10727]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Arcep *(Autorité de régulation des communications électroniques et des postes)*** *[15622]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **ARTICLE19** *[16420]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **ASELSAN *(ASELSAN Inc.)*** *[279]* | **ETSI** | y | n | y | y | n | y | **Yes** | **No** |
| **Asia Pacific Telecom co. Ltd** *[15476]* | **ETSI** | y | y | y | n | n | y | **Yes** | **No** |
| **AsiaInfo *(AsiaInfo Technologies (China), Inc.)*** *[16159]* | **CCSA** | n | y | n | n | y | n | **Yes** | **No** |
| **AsiaInfo Technologies Inc** *[16105]* | **ETSI** | n | y | n | n | y | n | **Yes** | **No** |
| **ASTRI *(Hong Kong Applied Science & Technology Research Institute)*** *[14410]* | **ETSI** | n | y | y | n | y | y | **Yes** | **No** |
| **ASUSTEK COMPUTER (SHANGHAI) *(ASUSTEK COMPUTER (SHANGHAI) CO. LTD.)*** *[15039]* | **CCSA** | n | n | n | n | n | n | **No** | **No** |
| **AT&T** *[9611]* | **ATIS** | y | n | y | y | n | n | **Yes** | **No** |
| **AT&T GNS Belgium SPRL *(AT&T Global Network Services Belgium SPRL)*** *[13110]* | **ETSI** | y | n | y | y | n | y | **Yes** | **No** |
| **ATEME *(ATEME SA)*** *[16393]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Attorney-General's Department *(Attorney-General's Department, Australian Government)*** *[13372]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Avanti *(Avanti Communications Ltd)*** *[16757]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Azimuth *(Azimuth Systems)*** *[15857]* | **ETSI** | y | n | y | n | n | y | **Yes** | **No** |
| **Individual Member - B** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **BAE Systems AI Ltd *(BAE Systems Applied Intelligence Limited)*** *[95]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **BBC *(BRITISH BROADCASTING CORPORATION)*** *[8706]* | **ETSI** | n | n | n | n | y | y | **Yes** | **No** |
| **B-Com** *[14798]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **BDBOS *(Federal Agency for Public Safety Digital Radio)*** *[15758]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Beijing Lenovo Software Ltd.** *[15421]* | **CCSA** | y | y | y | n | y | n | **Yes** | **No** |
| **Beijing OPPO Com. corp., ltd *(Beijing OPPO Communications corp., ltd)*** *[15949]* | **CCSA** | y | y | y | n | y | y | **Yes** | **No** |
| **BEIJING SAMSUNG TELECOM R&D *(BEIJING SAMSUNG TELECOM R&D CENTER)*** *[15169]* | **CCSA** | y | y | y | y | n | n | **Yes** | **No** |
| **Beijing Xiaomi Electronics** *[16090]* | **CCSA** | y | n | y | n | y | y | **Yes** | **No** |
| **Beijing Xiaomi Mobile Software *(Beijing Xiaomi Mobile Software Co., Ltd.)*** *[15334]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **Beijing Xiaomi Software Tech *(Beijing Xiaomi Software Technology)*** *[16091]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **Bell Mobility** *[13551]* | **ETSI** | y | n | y | y | n | y | **Yes** | **No** |
| **BfV *(Bundesamt für Verfassungsschutz)*** *[12339]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Bharti Airtel Limited** *[15886]* | **TSDSI** | n | n | n | n | n | n | **No** | **No** |
| **BIPT *(BIPT - Belgian Institute for Postal services & Telecommunications)*** *[731]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Bittium Wireless Ltd.** *[10830]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **BJTU *(Beijing Jiaotong University)*** *[16194]* | **CCSA** | y | y | n | n | y | n | **Yes** | **No** |
| **BKA *(Bundeskriminalamt)*** *[15652]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **BlackBerry UK Limited** *[12462]* | **ETSI** | n | n | y | n | n | y | **Yes** | **No** |
| **Bluetest AB** *[14035]* | **ETSI** | y | y | n | y | y | y | **Yes** | **No** |
| **BMLRT *(Austrian Federal Ministry of Agriculture, Regions and Tourism)*** *[16658]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **BMWi *(Federal Ministry of Economic Affairs and Energy)*** *[5]* | **ETSI** | n | y | y | y | y | y | **Yes** | **No** |
| **BOCRA *(Bostwana Communications Regulatory Authority)*** *[14916]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **BOE *(BOE TECHNOLOGY GROUP CO., LTD.)*** *[16632]* | **CCSA** | n | n | n | n | n | n | **No** | **No** |
| **BOUYGUES Telecom** *[280]* | **ETSI** | n | n | n | n | y | n | **No** | **No** |
| **Broadcast Networks Europe** *[15372]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **BROADCOM CORPORATION** *[9173]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **BROADPEAK** *[16415]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **BT plc *(British Telecommunications plc)*** *[15692]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **BTL Inc.** *[16053]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Bull SAS** *[15427]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **BUPT *(Beijing University of Posts and Telecommunications)*** *[15659]* | **CCSA** | n | y | y | n | y | n | **Yes** | **No** |
| **Bureau Veritas** *[13743]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Individual Member - C** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **C Spire Wireless** *[13984]* | **ATIS** | y | n | n | y | n | y | **Yes** | **No** |
| **CableLabs** *[9504]* | **ETSI** | y | n | n | n | y | y | **Yes** | **No** |
| **Cadence Design Systems Inc.** *[15781]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **CAICT *(China Academy of Information and Communications Technology)*** *[16037]* | **CCSA** | n | y | y | y | n | y | **Yes** | **No** |
| **CALTTA *(CALTTA TECHNOLOGIES CO., LTD.)*** *[16724]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **Cambium Networks Limited** *[14455]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **CAMBRIDGE CONSULTANTS LTD** *[9185]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **CANON Research Centre France *(CANON Research Centre France SAS)*** *[16290]* | **ETSI** | n | y | y | n | n | n | **No** | **No** |
| **Casa Systems Inc.** *[15967]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Catapult *(Satellite Applications Catapult Ltd)*** *[15038]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **CATT *(China Academy of Telecommunication Technology - (Datang Telecom Technology and Industry Group))*** *[10907]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **CATT *(China Academy of Telecommunications Technology (CATT))*** *[12501]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **CBN *(China Broadcasting Network Corporation Ltd.)*** *[16388]* | **CCSA** | n | n | n | n | y | y | **Yes** | **No** |
| **C-DOT** *[15143]* | **TSDSI** | n | n | n | n | n | n | **No** | **No** |
| **CEA-LETI *(Commissariat à l'Energie Atomique et et aux Energies Alternatives)*** *[16035]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Cellnex *(Cellnex Telecom)*** *[15621]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **CENC *(CETC Network & Communications Group Co., Ltd.)*** *[16265]* | **CCSA** | n | y | n | n | y | n | **Yes** | **No** |
| **CEPRI *(China Electric Power Research Institute)*** *[16628]* | **CCSA** | n | n | n | n | n | n | **No** | **No** |
| **Ceragon Networks AS** *[733]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **CERTH *(CENTRE FOR RESEARCH AND TECHNOLOGY HELLAS)*** *[16869]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **CertusNet Inc.** *[16384]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **CETECOM GmbH *(CETECOM GmbH - Certification and Testing in Communications)*** *[3322]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **CEWiT *(Centre of Excellence in Wireless Technology (CEWiT))*** *[15131]* | **TSDSI** | y | y | y | n | y | y | **Yes** | **No** |
| **Charter Communications, Inc** *[15707]* | **ATIS** | y | y | y | y | y | y | **Yes** | **No** |
| **Chengdu OPPO Mobile Com. corp. *(Chengdu OPPO Mobile Communications corp., ltd)*** *[15950]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **CHENGDU TD TECH LTD.** *[15053]* | **CCSA** | y | y | y | n | n | n | **No** | **No** |
| **China Mobile (Hangzhou) Inf. *(China Mobile (Hangzhou) Information Technology Co., Ltd.)*** *[15062]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **China Mobile (Suzhou) Software *(China Mobile (Suzhou) Software Technology Co., Ltd.)*** *[15063]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **China Mobile Com. Corporation *(China Mobile Communications Corporation (CMCC))*** *[10742]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **China Mobile E-Commerce Co.** *[15057]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **China Mobile Group Device Co. *(China Mobile Group Device Co., Ltd)*** *[15055]* | **CCSA** | y | y | y | n | y | y | **Yes** | **No** |
| **China Mobile International Ltd *(China Mobile International Limited)*** *[15056]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **China Mobile M2M Company Ltd.** *[15058]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **China Southern Power Grid Co. *(China Southern Power Grid Co., Ltd.)*** *[15895]* | **CCSA** | n | y | n | n | y | n | **Yes** | **No** |
| **China Telecom Corporation Ltd.** *[15245]* | **CCSA** | n | y | y | y | y | y | **Yes** | **No** |
| **China Telecommunications *(China Telecommunications Corporation)*** *[12522]* | **ETSI** | n | y | y | y | y | y | **Yes** | **No** |
| **China Telecomunication Corp. *(China Telecomunication Corporation)*** *[15248]* | **CCSA** | n | y | y | y | y | y | **Yes** | **No** |
| **China Unicom** *[13002]* | **CCSA** | y | y | y | y | y | n | **Yes** | **No** |
| **Chongqing University** *[15676]* | **CCSA** | n | y | n | n | y | n | **Yes** | **No** |
| **CHTTL *(Chunghwa Telecommunication Laboratories, Chunghwa Telecommunication Co.)*** *[9790]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **CICT *(China Information Communication Technologies Group Corporation)*** *[16232]* | **CCSA** | y | y | y | y | n | y | **Yes** | **No** |
| **CICT *(China Information Communication Technologies Group)*** *[16540]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **CIS *(Center for Internet Security)*** *[15754]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **CISA ECD *(Cybersecurity and Infrastructure Security Agency (CISA) ECD)*** *[16369]* | **ATIS** | n | n | n | n | y | y | **Yes** | **No** |
| **Cisco Systems** *[12134]* | **ATIS** | n | y | y | n | n | n | **No** | **No** |
| **Cisco Systems Belgium** *[7380]* | **ETSI** | n | y | y | n | n | n | **No** | **No** |
| **Cisco Systems France** *[11552]* | **ETSI** | n | y | y | n | n | n | **No** | **No** |
| **CITC *(Communication and Information Technology Commission)*** *[15890]* | **ATIS** | n | n | n | n | n | y | **No** | **No** |
| **CITC *(CHINA INFORMATION TECHNOLOGY DESIGNING&CONSULTING INSTITUTE CO.,LTD.)*** *[15054]* | **CCSA** | y | y | y | y | y | n | **Yes** | **No** |
| **CKH IOD UK LIMITED** *[15990]* | **ETSI** | y | n | n | y | n | n | **Yes** | **No** |
| **Classon Consulting** *[16386]* | **ATIS** | n | n | n | n | y | y | **Yes** | **No** |
| **CMDI *(China Mobile Group Design Institute Co., Ltd)*** *[15061]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **CNES *(CNES - Centre National d'Etudes Spatiales)*** *[145]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Coherent Logix** *[15533]* | **ATIS** | n | n | n | n | n | n | **No** | **No** |
| **Comcast** *[13071]* | **ATIS** | y | n | n | n | n | n | **No** | **No** |
| **CommScope Technologies AG** *[237]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Comprion GmbH** *[12183]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Comtech Telecommunications Cor *(Comtech Telecommunications Corp)*** *[14766]* | **ATIS** | n | y | n | n | n | n | **No** | **No** |
| **Consort Digital *(Consort Digital Private Limited)*** *[16792]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Continental Automotive GmbH** *[13442]* | **ETSI** | y | n | y | n | y | y | **Yes** | **No** |
| **Conversant Wireless *(Conversant Wireless Licensing SARL)*** *[15839]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Convida Wireless *(Convida Wireless, LLC)*** *[16132]* | **ETSI** | y | n | y | n | n | y | **Yes** | **No** |
| **CORNING *(CORNING OPTICAL COMMUNICATIONS)*** *[16288]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **CTTC *(Centre tecnologic de Telecomunicacions de Catalunya)*** *[13675]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **CUC *(Communication University of China)*** *[16676]* | **CCSA** | n | n | n | n | n | n | **No** | **No** |
| **CUJO *(CUJO Al)*** *[16523]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Czech Telecommunication Office** *[289]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Individual Member - D** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **Dai Nippon Printing Co., Ltd** *[10865]* | **ARIB** | n | n | n | n | n | n | **No** | **No** |
| **DanKook University *(DanKook University')*** *[16849]* | **TTA** | n | n | n | n | n | n | **No** | **No** |
| **Datang Linktester Technology *(Datang Linktester Technology Co., Ltd.)*** *[15079]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **Datang Mobile Com. Equipment *(Datang Mobile Communications Equipment Co., Ltd)*** *[15077]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **DCMS *(Department for Digital, Culture, Media and Sport)*** *[15800]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **DECT Forum** *[16700]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **DEKRA *(DEKRA testing and Certification, S.A.U.)*** *[15696]* | **ETSI** | y | n | y | y | n | y | **Yes** | **No** |
| **DENSO CORPORATION** *[10607]* | **ARIB** | n | n | n | n | n | n | **No** | **No** |
| **Department of Telecom *(Department of Telecommunications)*** *[14775]* | **TSDSI** | n | n | n | n | n | n | **No** | **No** |
| **Deutsche Telekom AG** *[268]* | **ETSI** | n | y | n | n | y | n | **Yes** | **No** |
| **DFH Satellite Co., LTD** *[15922]* | **CCSA** | y | y | n | n | y | n | **Yes** | **No** |
| **DIGITAL CATAPULT** *[16704]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Dish Network** *[14327]* | **ATIS** | y | y | y | y | y | y | **Yes** | **No** |
| **DLR *(Deutsches Zentrum für Luft- und Raumfahrt e.V.)*** *[12853]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **DOCOMO Communications Lab. *(DOCOMO Communications Laboratories Europe GmbH)*** *[12657]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Dolby Laboratories Inc.** *[11780]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Dongguan OPPO Precision Elec. *(Dongguan OPPO Precision Electronic Corp., Ltd. )*** *[15494]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **DTS Licensing Limited** *[14708]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Individual Member - E** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **East China Institute of Tel. *(East China Institute of Telecommunications)*** *[15418]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **EBU *(EBU - European Broadcasting Union)*** *[148]* | **ETSI** | y | n | y | n | y | y | **Yes** | **No** |
| **ECO *(European Communications Office)*** *[12180]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **EDF Recherche et Développement *(EDF)*** *[15864]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Elbit Systems *(Elbit Systems C4l and Cyber Ltd)*** *[16565]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **EMITE *(EMITE Ingenieria S.L.)*** *[15619]* | **ETSI** | y | n | n | n | n | n | **No** | **No** |
| **Empirix Inc. *(Empirix Inc. c/o Angelo Baccarani)*** *[15775]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **ENENSYS *(ENENSYS Technologies SA)*** *[14933]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Ericsson España S.A.** *[16006]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Ericsson France S.A.S** *[14951]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Ericsson GmbH, Eurolab *(Ericsson GmbH, Eurolab - Unternehmensbereich Forschung und Entwicklung)*** *[14953]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Ericsson Hungary Ltd** *[15996]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Ericsson Inc. *(Ericsson Incorporated)*** *[10424]* | **ATIS** | y | y | y | y | y | y | **Yes** | **No** |
| **Ericsson India Private Limited** *[15122]* | **TSDSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Ericsson Japan K.K.** *[10441]* | **ARIB** | y | y | y | y | y | y | **Yes** | **No** |
| **Ericsson Limited** *[14952]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Ericsson LM *(Ericsson Telefonaktiebolaget LM)*** *[86]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Ericsson Telecomunicazioni SpA** *[15995]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Ericsson-LG Co., LTD** *[13490]* | **TTA** | y | y | y | y | y | y | **Yes** | **No** |
| **Erillisverkot *(Suomen Erillisverkot Oy)*** *[16486]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **ErvoCom *(ErvoCom International AG)*** *[16404]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **ESA *(ESA - European Space Agency)*** *[146]* | **ETSI** | y | n | y | n | n | y | **Yes** | **No** |
| **ESSEN INNOVATION *(ESSEN INNOVATION COMPANY LIMITED)*** *[16848]* | **CCSA** | n | n | n | n | n | n | **No** | **No** |
| **ETELM *(Electronique Telematique ETELM)*** *[3216]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **ETISALAT *(EMIRATES TELECOMMUNICATIONS CORPORATION)*** *[8882]* | **ETSI** | n | n | n | y | y | n | **Yes** | **No** |
| **ETRI *(Electronics & Telecommunications Research Institute)*** *[9606]* | **TTA** | y | y | y | n | y | y | **Yes** | **No** |
| **ETS-Lindgren Europe** *[13283]* | **ETSI** | y | y | y | n | n | y | **Yes** | **No** |
| **EURECOM** *[10402]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Eurofins Digital Testing *(Eurofins Digital Testing Belgium NV)*** *[16845]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **European Commission *(EC - European Commission)*** *[158]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **European Patent Organisation** *[12349]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **EUTC *(European Utilities Telecom Council (EUTC))*** *[14434]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Eutelsat S.A.** *[116]* | **ETSI** | n | n | n | n | n | y | **No** | **No** |
| **EVE Compliancy Solutions** *[15597]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Everactive** *[16421]* | **ATIS** | n | n | n | n | n | n | **No** | **No** |
| **Individual Member - F** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **F5 *(F5 Networks Inc.)*** *[16394]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Fabasoft AG** *[15388]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Facebook** *[15861]* | **ETSI** | y | n | n | n | n | y | **No** | **No** |
| **Fairspectrum Oy** *[15223]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Fastweb S.p.A.** *[13542]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **FAU *(Friedrich-Alexander Universität Erlangen-Nürnberg)*** *[16019]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **FCC *(Federal Communications Commission)*** *[13976]* | **ATIS** | n | n | y | y | n | y | **Yes** | **No** |
| **Federated Wireless** *[16292]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **FGI *(FG Innovation Company Limited)*** *[16320]* | **CCSA** | n | y | y | n | n | y | **Yes** | **No** |
| **Fiberhome Technologies Group** *[14229]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **FirstNet** *[15602]* | **ATIS** | y | n | y | n | n | y | **Yes** | **No** |
| **France Brevets** *[14509]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Fraunhofer FOKUS *(Fraunhofer Institute for Open Communication Systems FOKUS)*** *[10616]* | **ETSI** | n | y | n | n | y | y | **Yes** | **No** |
| **Fraunhofer HHI *(Fraunhofer Institute for Telecommunications, Heinrich Hertz Institute)*** *[14520]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Fraunhofer IIS *(Fraunhofer Institut für Integrierte Schaltungen IIS)*** *[9511]* | **ETSI** | n | y | y | y | y | y | **Yes** | **No** |
| **Fudan University** *[15657]* | **CCSA** | n | y | y | y | n | n | **Yes** | **No** |
| **FUJITSU CONNECTED TECHNOLOGIES *(FUJITSU CONNECTED TECHNOLOGIES LIMITED)*** *[16016]* | **ARIB** | n | n | n | n | y | y | **Yes** | **No** |
| **Fujitsu Limited** *[10395]* | **ARIB** | y | n | y | y | n | n | **Yes** | **No** |
| **Fujitsu Limited** *[14829]* | **ETSI** | y | y | y | n | n | n | **No** | **No** |
| **Fujitsu Limited** *[9486]* | **TTC** | y | n | y | n | n | n | **No** | **No** |
| **Futurewei *(Futurewei Technologies Inc.)*** *[16400]* | **ETSI** | n | n | n | y | y | y | **Yes** | **No** |
| **Futurewei Technologies** *[16082]* | **ATIS** | y | y | y | y | y | y | **Yes** | **No** |
| **Individual Member - G** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **G+D MS *(Giesecke+Devrient Mobile Security GmbH)*** *[15808]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Gatehouse Satcom A/S *(Gatehouse Satcom A/S )*** *[16741]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **GDCNI *(Guangdong Communicaions and Networks Institute)*** *[16619]* | **CCSA** | n | n | n | n | n | n | **No** | **No** |
| **GEESPACE *(ZHE JIANG GEESPACE TECHNOLOGY CO., LTD.)*** *[16647]* | **CCSA** | n | n | n | n | n | n | **No** | **No** |
| **GENBAND Ireland Ltd *(GENBAND Ireland Limited)*** *[14664]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Gigaset Communications GmbH** *[13575]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Gilat *(Gilat Satellite Networks Ltd)*** *[15868]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **GLOBALSTAR Inc.** *[4876]* | **ETSI** | y | n | n | n | n | y | **No** | **No** |
| **GM - ATCI *(General Motors - ATCI)*** *[16521]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **GOHIGH DATA NETWORKS TECH. *(GOHIGH DATA NETWORKS TECHNOLOGY CO., LTD)*** *[15080]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **GOODIX *(Shenzhen Goodix Technology Co., Ltd.)*** *[16238]* | **CCSA** | n | y | n | n | y | n | **Yes** | **No** |
| **Google Inc.** *[15009]* | **ATIS** | y | n | y | y | y | y | **Yes** | **No** |
| **GTRC *(Georgia Tech Research Corporation)*** *[15627]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **GUANGDONG GENIUS TECHNOLOGY CO *(GUANGDONG GENIUS TECHNOLOGY CO., LTD. )*** *[16424]* | **CCSA** | n | n | n | n | y | y | **Yes** | **No** |
| **Guangdong OPPO Mobile Telecom. *(Guangdong OPPO Mobile Telecommunications Corp., Ltd)*** *[15170]* | **CCSA** | y | y | y | n | y | y | **Yes** | **No** |
| **Individual Member - H** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **HA/AG *(Harting AG & Co KG)*** *[15870]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Hansung University** *[15486]* | **TTA** | n | n | n | n | n | n | **No** | **No** |
| **Harman GmbH *(Harman Becker Automotive Systems GmbH)*** *[16313]* | **ETSI** | n | y | y | y | n | y | **Yes** | **No** |
| **Havelsan *(Havelsan Hava Elektronik Sanayi ve Ticaret A.S.)*** *[16505]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **HEAD acoustics GmbH** *[12562]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **HEPTA 7291** *[15211]* | **ETSI** | y | n | n | n | n | n | **No** | **No** |
| **Hewlett-Packard Enterprise** *[58]* | **ETSI** | n | y | y | n | n | y | **Yes** | **No** |
| **Hexagon Autonomy & Positioning** *[16755]* | **ATIS** | n | n | n | n | n | n | **No** | **No** |
| **HiSilicon Technologies Co. Ltd *(HiSilicon Technologies Co.Ltd)*** *[13981]* | **CCSA** | y | y | n | y | y | y | **Yes** | **No** |
| **HISPASAT SA** *[403]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Hitachi Europe Ltd.** *[12618]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **HOME OFFICE** *[509]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Honor *(Honor Device Co., Ltd.)*** *[16846]* | **CCSA** | n | n | n | n | n | n | **No** | **No** |
| **Huawei Device Co., Ltd** *[15066]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **HUAWEI TECH. GmbH *(HUAWEI TECHNOLOGIES Duesseldorf GmbH)*** *[15412]* | **ETSI** | y | y | n | n | y | y | **Yes** | **No** |
| **Huawei Tech.(UK) Co.. Ltd *(Huawei Technologies (UK) Co., Ltd.)*** *[13790]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Huawei Technologies (Korea)** *[16212]* | **TTA** | y | y | y | n | n | y | **Yes** | **No** |
| **HUAWEI TECHNOLOGIES Co. Ltd.** *[10619]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **HuaWei Technologies Co., Ltd** *[10928]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **Huawei Technologies France** *[14056]* | **ETSI** | y | y | y | n | y | y | **Yes** | **No** |
| **HUAWEI Technologies Japan K.K.** *[13619]* | **ARIB** | y | y | y | y | y | y | **Yes** | **No** |
| **Huawei Technologies Japan K.K.** *[16191]* | **TTC** | y | y | y | y | y | y | **Yes** | **No** |
| **Huawei Technologies R&D UK *(Huawei Technologies Research & Development (UK) Limited)*** *[15889]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Huawei Technologies Sweden AB** *[13208]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Huawei Telecommunication India *(Huawei Telecommunication (India) Co. Pvt. Ltd.)*** *[15107]* | **TSDSI** | y | y | y | n | n | y | **Yes** | **No** |
| **HUGHES Network Systems Ltd** *[225]* | **ETSI** | y | n | y | n | n | y | **Yes** | **No** |
| **Huizhou Speed Wireless *(Huizhou Speed Wireless Technology Co., Ltd.)*** *[16533]* | **CCSA** | n | n | n | n | n | n | **No** | **No** |
| **Husqvarna AB *(Husqvarna AB (publ))*** *[15578]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Hytera Communications Corp. *(Hytera Communications Corporation Limited)*** *[15918]* | **CCSA** | n | y | n | n | y | n | **Yes** | **No** |
| **Hyundai Motors** *[15804]* | **TTA** | n | y | y | n | n | n | **No** | **No** |
| **Individual Member - I** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **IBM Europe** *[59]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **ICS *(Institute for Communication Systems - University of Surrey)*** *[9501]* | **ETSI** | n | n | n | y | n | y | **Yes** | **No** |
| **Idaho National Laboratory** *[15351]* | **ETSI** | y | n | n | n | y | y | **Yes** | **No** |
| **IDEMIA** *[15884]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **III *(Institute for Information Industry)*** *[13606]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **IIT Bombay *(Indian Institute of Technology Bombay)*** *[15095]* | **TSDSI** | n | n | n | n | n | n | **No** | **No** |
| **Indian Institute of Tech (H) *(Indian Institute of Technology Hyderabad)*** *[15108]* | **TSDSI** | y | y | y | n | n | n | **No** | **No** |
| **Indian Institute of Tech (M) *(Indian Institute of Technology Madras)*** *[15467]* | **TSDSI** | y | y | y | y | n | n | **Yes** | **No** |
| **INFINEON TECHNOLOGIES** *[10988]* | **ETSI** | y | n | n | y | n | n | **Yes** | **No** |
| **Infoblox *(Infoblox Inc.)*** *[16268]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Inmarsat** *[292]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Institut Mines-Telecom** *[12565]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Institute VEDECOM** *[15482]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Intel** *[14099]* | **ATIS** | y | n | y | y | y | n | **Yes** | **No** |
| **Intel Belgium SA/NV** *[16279]* | **ETSI** | y | y | y | y | n | y | **Yes** | **No** |
| **Intel China Ltd.** *[14066]* | **CCSA** | y | y | y | y | n | y | **Yes** | **No** |
| **Intel Corporation (UK) Ltd** *[11729]* | **ETSI** | y | y | y | y | y | n | **Yes** | **No** |
| **Intel Corporation Italia SpA** *[16284]* | **ETSI** | y | y | y | n | n | y | **Yes** | **No** |
| **Intel Corporation SAS** *[16230]* | **ETSI** | y | y | y | y | y | n | **Yes** | **No** |
| **Intel Deutschland GmbH** *[14338]* | **ETSI** | y | n | y | n | y | y | **Yes** | **No** |
| **Intel Finland Oy** *[15098]* | **ETSI** | y | y | y | n | y | n | **Yes** | **No** |
| **Intel Ireland *(Intel Ireland Ltd)*** *[16211]* | **ETSI** | y | y | y | y | y | n | **Yes** | **No** |
| **Intel K.K.** *[10829]* | **ARIB** | y | y | y | n | y | n | **Yes** | **No** |
| **Intel Korea, Ltd.** *[14725]* | **TTA** | y | n | y | y | n | y | **Yes** | **No** |
| **Intel Russia A/O** *[16282]* | **ETSI** | y | y | y | n | y | n | **Yes** | **No** |
| **Intel Sweden AB** *[16281]* | **ETSI** | y | y | y | y | n | y | **Yes** | **No** |
| **Intel Technology India Pvt Ltd *(Intel Technology India Pvt. Ltd.)*** *[16459]* | **TSDSI** | y | y | y | y | n | y | **Yes** | **No** |
| **Intel Technology Poland SP Zoo** *[16280]* | **ETSI** | y | y | y | y | n | y | **Yes** | **No** |
| **Intelsat** *[15971]* | **ATIS** | y | n | y | n | n | y | **Yes** | **No** |
| **InterDigital Belgium. LLC *(InterDigital Belgium, LLC)*** *[16133]* | **ETSI** | y | n | y | n | n | y | **Yes** | **No** |
| **InterDigital Communications *(InterDigital Communications Corporation)*** *[15515]* | **ATIS** | y | y | y | y | y | y | **Yes** | **No** |
| **InterDigital France R&D, SAS** *[16449]* | **ETSI** | y | n | y | n | n | y | **Yes** | **No** |
| **InterDigital Germany GmbH** *[16134]* | **ETSI** | y | n | y | n | n | y | **Yes** | **No** |
| **InterDigital, Europe, Ltd.** *[16135]* | **ETSI** | y | y | y | n | n | y | **Yes** | **No** |
| **InterDigital, Inc.** *[15711]* | **ETSI** | y | n | y | n | n | y | **Yes** | **No** |
| **Intertek** *[13931]* | **ETSI** | n | n | y | y | n | y | **Yes** | **No** |
| **IPCom GmbH & Co.KG** *[14922]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **IPLOOK *(IPLOOK Networks Co., Ltd.)*** *[16847]* | **CCSA** | n | n | n | n | n | n | **No** | **No** |
| **ISED *(Innovation, Science and Economic Development Canada)*** *[16591]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Iskratel d.o.o. Ltd *(Iskratel d.o.o. Ltd., Telecommunications Systems)*** *[1928]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **ISRO *(Indian Space Research Organisation)*** *[16564]* | **TSDSI** | n | n | n | n | n | n | **No** | **No** |
| **ITL *(Innovative Technology Lab Co., Ltd)*** *[14754]* | **TTA** | y | n | y | n | y | y | **Yes** | **No** |
| **ITOCHU Techno-Solutions Corp *(ITOCHU Techno-Solutions Corporation)*** *[14563]* | **TTC** | n | n | y | n | n | y | **Yes** | **No** |
| **ITRI *(Industrial Technology Research Institute)*** *[7821]* | **ETSI** | y | y | y | y | n | y | **Yes** | **No** |
| **ITRON SAS** *[14373]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Individual Member - J** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **Japan Radio Co., Ltd** *[10439]* | **ARIB** | n | n | n | n | n | n | **No** | **No** |
| **Jetflow *(Jetflow Technologies Co., Ltd)*** *[16200]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **JMA Wireless** *[15982]* | **ATIS** | n | n | n | n | n | n | **No** | **No** |
| **John Deere GmbH & Co. KG** *[15727]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Johns Hopkins University APL *(Johns Hopkins University Applied Physics Laboratory)*** *[15498]* | **ATIS** | n | n | n | n | n | n | **No** | **No** |
| **JSRPC Kryptonite *(Joint Stock Research and production company Kryptonite)*** *[16465]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Juniper Networks** *[11849]* | **ETSI** | n | n | n | n | y | y | **Yes** | **No** |
| **Individual Member - K** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **Kapsch TrafficCom AG** *[13875]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **KDDI Corporation** *[12670]* | **ARIB** | y | n | y | y | n | y | **Yes** | **No** |
| **KDDI Corporation** *[10816]* | **TTC** | y | y | y | y | y | y | **Yes** | **No** |
| **KEYSIGHT TECHNOLOGIES *(KEYSIGHT TECHNOLOGIES ITALY)*** *[16537]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Keysight Technologies UK Ltd** *[246]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **KIPO *(Korean Intellectual Property Office)*** *[14905]* | **TTA** | n | n | n | n | n | n | **No** | **No** |
| **Kontron Transportation France *(Kontron Transportation France S.A.S)*** *[16502]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Korea Testing Laboratory** *[13149]* | **TTA** | y | n | y | y | n | y | **Yes** | **No** |
| **KPN N.V. *(Koninklijke KPN N.V.)*** *[123]* | **ETSI** | n | y | y | n | n | y | **Yes** | **No** |
| **KRRI *(Korea Railroad Research Institute)*** *[15235]* | **TTA** | n | n | n | n | n | n | **No** | **No** |
| **KT Corp. *(KT Corporation)*** *[10459]* | **TTA** | y | n | y | y | n | y | **Yes** | **No** |
| **KT SAT** *[16458]* | **TTA** | n | n | n | n | n | n | **No** | **No** |
| **Kymeta Corporation** *[15810]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Kyocera Corporation** *[13465]* | **ARIB** | y | n | y | n | n | y | **Yes** | **No** |
| **Individual Member - L** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **L.M. Ericsson Limited** *[16004]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **L3Harris Technologies** *[16396]* | **ATIS** | n | n | n | n | n | n | **No** | **No** |
| **Landis+Gyr AG *(Landis+Gyr Switzerland AG)*** *[16305]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Langbo *(Shanghai Langbo Communication Technology Co., Ltd.)*** *[16694]* | **CCSA** | n | n | n | n | n | n | **No** | **No** |
| **LEGRAND FRANCE *(LEGRAND FRANCE ISERE)*** *[15579]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Lenovo (Beijing) Ltd** *[14873]* | **CCSA** | y | y | y | n | y | n | **Yes** | **No** |
| **Lenovo Future Communications *(Lenovo Future Communications Technology (Chongqing) Co., Ltd.)*** *[16544]* | **CCSA** | n | n | n | n | n | n | **No** | **No** |
| **Lenovo Information Technology *(Lenovo (Beijing) Information Technology Co., Ltd.)*** *[16546]* | **CCSA** | n | n | n | n | n | n | **No** | **No** |
| **Lenovo Mobile Com. Technology *(Lenovo Mobile Communication Technology Ltd.)*** *[15420]* | **CCSA** | y | y | y | n | y | n | **Yes** | **No** |
| **Leonardo SpA** *[15565]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **LG Electronics Deutschland *(LG Electronics Deutschland GmbH)*** *[15539]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **LG Electronics Finland *(LG Electronics Finland Lab Oy)*** *[15541]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **LG Electronics France** *[12732]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **LG Electronics Inc.** *[9613]* | **TTA** | n | y | y | y | y | y | **Yes** | **No** |
| **LG Electronics Polska *(LG Electronics Polska Sp. z.o.o.)*** *[15538]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **LG Electronics UK *(LG Electronics UK Ltd)*** *[15542]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **LG Uplus** *[12752]* | **TTA** | y | y | y | y | y | y | **Yes** | **No** |
| **Ligado Networks** *[13662]* | **ETSI** | n | n | n | n | n | y | **No** | **No** |
| **LKA Niedersachsen *(Landeskriminalamt Niedersachsen)*** *[16149]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Lockheed Martin** *[15603]* | **ATIS** | n | n | n | n | n | n | **No** | **No** |
| **Luxshare-ICT, Inc.** *[16216]* | **ATIS** | n | n | n | n | n | n | **No** | **No** |
| **Individual Member - M** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **Magister Solutions Ltd** *[16870]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Matrixx *(Matrixx Software Inc.)*** *[16138]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Mavenir *(Mavenir Systems, Inc)*** *[15777]* | **ETSI** | n | n | y | y | n | n | **Yes** | **No** |
| **Maxar** *[16675]* | **ATIS** | n | n | n | n | n | n | **No** | **No** |
| **MCIT *(Ministry of Communication and Information Technology)*** *[13591]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **MediaTek (Chengdu) Inc.** *[15133]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **MediaTek (Hefei) Inc.** *[15135]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **MediaTek (Shenzhen) Inc.** *[15132]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **MediaTek (Wuhan) Inc.** *[15134]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **MediaTek Beijing Inc.** *[14333]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **MediaTek Inc. *(MediaTek Incorporated)*** *[11722]* | **ETSI** | y | y | y | n | y | y | **Yes** | **No** |
| **Mediatek India Technology Pvt. *(Mediatek India Technology Pvt. Ltd.)*** *[16327]* | **TSDSI** | n | y | y | n | y | y | **Yes** | **No** |
| **Meizu Technology** *[15660]* | **CCSA** | n | y | n | n | y | n | **Yes** | **No** |
| **Mercedes-Benz *(Mercedes-Benz AG)*** *[16771]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Microchip Technology, Inc.** *[16416]* | **ATIS** | n | n | n | y | n | n | **No** | **No** |
| **Microsoft Europe SARL** *[8870]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **MINECO *(MINISTRY OF ECONOMY AND BUSINESS)*** *[16199]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **MINISTERE DE L'INTERIEUR** *[5322]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Ministère Economie et Finances *(Ministère de l'Economie et des Finances)*** *[15830]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Ministry of Economic Affairs** *[17]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Ministry of Transport and Cons *(Ministry of Transport and Construction of the Slovak Republic)*** *[15598]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **MITRE Corporation** *[13702]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Mitsubishi Electric Co.** *[10405]* | **ARIB** | y | y | y | n | n | y | **Yes** | **No** |
| **Mitsubishi Electric Corp *(Mitsubishi Electric Corporation)*** *[10420]* | **TTC** | y | y | y | n | n | y | **Yes** | **No** |
| **Mitsubishi Electric RCE *(Mitsubishi Electric R&D Centre Europe)*** *[12817]* | **ETSI** | y | y | y | y | n | y | **Yes** | **No** |
| **Motorola Mobility España SA** *[14997]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Motorola Mobility France S.A.S** *[14022]* | **ETSI** | y | y | y | n | y | n | **Yes** | **No** |
| **Motorola Mobility Germany GmbH** *[14021]* | **ETSI** | y | y | y | y | y | n | **Yes** | **No** |
| **Motorola Mobility UK Ltd.** *[14019]* | **ETSI** | y | y | y | n | y | y | **Yes** | **No** |
| **Motorola Solutions Danmark A/S** *[9295]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Motorola Solutions Germany *(Motorola Solutions Germany GmbH)*** *[8762]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Motorola Solutions Poland *(Motorola Solutions Systems Polska s.p. z.o.o.)*** *[16218]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Motorola Solutions UK Ltd.** *[100]* | **ETSI** | n | n | y | n | n | y | **Yes** | **No** |
| **MTCC *(Mobile Technology Convergence Center)*** *[13392]* | **TTA** | y | n | y | y | n | y | **Yes** | **No** |
| **Murata Manufacturing Co Ltd.** *[16026]* | **ARIB** | y | y | y | y | y | y | **Yes** | **No** |
| **MVG Industries** *[13270]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Individual Member - N** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **Nanjing Ericsson Panda Com Ltd *(NANJING ERICSSON PANDA COMMUNICATIONS LTD)*** *[12366]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **National Instruments Corp. *(National Instruments Corporation)*** *[14046]* | **ETSI** | y | n | n | n | n | n | **No** | **No** |
| **National Taiwan University** *[15367]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **National Technical Assistance *(National Technical Assistance Centre)*** *[13242]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **nbn co Limited *(nbn co Limited (ABN 86 136 533 741))*** *[15455]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **NCSC *(National Cyber Security Centre)*** *[15595]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **NDRE *(National Defence Radio Establishment)*** *[15737]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **NEC Corporation** *[10406]* | **ARIB** | y | n | y | y | n | y | **Yes** | **No** |
| **NEC Corporation** *[9428]* | **ETSI** | y | y | y | n | y | y | **Yes** | **No** |
| **NEC Corporation** *[10392]* | **TTC** | y | n | y | y | n | y | **Yes** | **No** |
| **NEC Europe Ltd** *[101]* | **ETSI** | y | n | y | y | n | y | **Yes** | **No** |
| **NEC Telecom MODUS Ltd.** *[9540]* | **ETSI** | y | y | y | y | n | y | **Yes** | **No** |
| **NEMERGENT *(NEMERGENT SOLUTIONS SL)*** *[16571]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **NERCDTV *(Shanghai National Engineering Research Center of Digital Television Co.,Ltd.)*** *[16702]* | **CCSA** | n | n | n | n | n | n | **No** | **No** |
| **Netas *(Netas Telecommunication A.S.)*** *[15456]* | **ETSI** | y | n | y | n | n | n | **No** | **No** |
| **Netscout Systems Inc.** *[13799]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **New H3C Technologies Co., Ltd.** *[16535]* | **CCSA** | n | y | n | n | y | n | **Yes** | **No** |
| **Nexign. JSC *(Nexign, Joint Stock Company)*** *[16683]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **NextNav** *[14637]* | **ATIS** | y | n | y | n | n | n | **No** | **No** |
| **NHK *(NHK (Japan Broadcasting Corporation))*** *[15760]* | **ARIB** | y | y | y | n | y | y | **Yes** | **No** |
| **NICT *(National Institute of Information and Communications Technology)*** *[15470]* | **ARIB** | n | y | y | n | n | y | **Yes** | **No** |
| **NIST *(National Institute of Standards and Technology)*** *[15894]* | **ATIS** | y | n | y | y | n | y | **Yes** | **No** |
| **Nkom *(Norwegian Communications Authority)*** *[16]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Nokia** *[10496]* | **ATIS** | y | y | y | y | y | y | **Yes** | **No** |
| **Nokia Belgium *(Nokia Bell N.V.)*** *[16372]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Nokia Corporation** *[87]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Nokia Denmark *(Nokia Denmark A/S)*** *[16295]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Nokia France *(Alcatel-Lucent International)*** *[15562]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Nokia Germany *(Nokia Solutions and Networks GmbH & Co. KG)*** *[15551]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Nokia Hungary *(Nokia Solutions and Networks Kft.)*** *[16294]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Nokia Italy *(Nokia Solutions and Networks Italia SpA)*** *[16302]* | **ETSI** | n | y | y | y | y | y | **Yes** | **No** |
| **Nokia Japan** *[15600]* | **ARIB** | y | y | y | y | y | y | **Yes** | **No** |
| **Nokia Korea** *[15601]* | **TTA** | y | y | y | y | y | y | **Yes** | **No** |
| **Nokia Poland *(Nokia Solutions and Networks Sp. z.o.o.)*** *[16296]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Nokia Shanghai Bell *(Nokia Shanghai Bell Co., Ltd)*** *[15767]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **Nokia Solutions & Networks (I) *(Nokia Solutions and Networks India Pvt. Ltd.)*** *[15465]* | **TSDSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Nokia UK *(Nokia UK Ltd.)*** *[16371]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Nordic Semiconductor ASA** *[15000]* | **ETSI** | y | n | y | n | n | n | **No** | **No** |
| **NOVAMINT** *[16008]* | **ETSI** | n | n | n | n | n | y | **No** | **No** |
| **NTIA *(National Telecommunications and Information Administration)*** *[15879]* | **ATIS** | y | n | y | y | n | y | **Yes** | **No** |
| **NTT *(Nippon Telegraph and Telephone Corporation (NTT))*** *[13157]* | **TTC** | n | y | y | n | n | n | **No** | **No** |
| **NTT corporation *(Nippon Telegraph and Telephone Corporation)*** *[10639]* | **ETSI** | n | y | y | n | n | n | **No** | **No** |
| **NTT DOCOMO INC.** *[10357]* | **ARIB** | y | y | y | y | y | y | **Yes** | **No** |
| **NTT DOCOMO INC.** *[10389]* | **TTC** | y | y | y | y | y | y | **Yes** | **No** |
| **Nubia Technology Co.,Ltd** *[15005]* | **CCSA** | y | y | y | y | y | n | **Yes** | **No** |
| **NUFRONT *(Nufront (Beijing) Technology Co., Ltd.)*** *[16118]* | **CCSA** | y | y | n | n | y | n | **Yes** | **No** |
| **NXP Semiconductors Netherlands *(NXP Semiconductors Netherlands B.V.)*** *[13125]* | **ETSI** | y | n | y | y | n | y | **Yes** | **No** |
| **Individual Member - O** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **Ofcom (CH)** *[480]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Ofcom (U.K.) *(Ofcom - Office of Communications (U.K.))*** *[25]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Oki Electric Industry Co. Ltd. *(OKi Electric Industry Co., Ltd)*** *[10410]* | **TTC** | n | y | y | n | n | n | **No** | **No** |
| **Omnispace** *[16347]* | **ATIS** | n | n | n | n | y | y | **Yes** | **No** |
| **ONE Media 3.0 LLC** *[16406]* | **ATIS** | n | n | n | n | n | n | **No** | **No** |
| **one2many B.V.** *[13395]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **OnePlus *(OnePlus (Shenzhen) Technology Co., LTD)*** *[16195]* | **CCSA** | y | y | y | n | y | y | **Yes** | **No** |
| **OOREDOO** *[9304]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Openet Telecom** *[11667]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **OPPO *(Guangdong OPPO Mobile Telecommunications Corp.,Ltd.)*** *[16680]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **OQTEC *(OQ TECHNOLOGY)*** *[16568]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Oracle Corporation** *[12436]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Orange** *[8]* | **ETSI** | n | y | y | y | n | y | **Yes** | **No** |
| **Orange Romania** *[11585]* | **ETSI** | y | n | y | y | n | y | **Yes** | **No** |
| **Orange Spain *(France Telecom España S.A.U.)*** *[14782]* | **ETSI** | y | n | y | y | y | y | **Yes** | **No** |
| **Orange UK *(Orange Brand Services Ltd)*** *[15015]* | **ETSI** | y | n | y | n | y | y | **Yes** | **No** |
| **Orope Germany GmbH** *[16681]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **OTD *(Operational Technology Division (OTD))*** *[12081]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Oy LM Ericsson AB** *[15997]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Individual Member - P** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **P.I. WORKS *(P.I. WORKS TR BILISIM HIZMETLERI A.S.)*** *[16172]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Panasonic Corporation** *[9487]* | **ARIB** | y | n | y | n | n | y | **Yes** | **No** |
| **PANASONIC R&D Center Germany *(PANASONIC R&D Center Germany GmbH)*** *[173]* | **ETSI** | y | n | y | n | n | y | **Yes** | **No** |
| **PCCW Global B.V.** *[16248]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **PCTEST Engineering Lab *(PCTEST Engineering Laboratory, Inc.)*** *[13938]* | **ATIS** | y | n | y | y | y | y | **Yes** | **No** |
| **Peking University** *[15638]* | **CCSA** | n | y | n | n | y | n | **Yes** | **No** |
| **Pengcheng laboratory** *[16339]* | **CCSA** | n | n | n | n | y | y | **Yes** | **No** |
| **Perspecta Labs Inc.** *[16206]* | **ATIS** | n | n | n | n | y | y | **Yes** | **No** |
| **Philips International B.V.** *[9494]* | **ETSI** | n | n | n | n | y | y | **Yes** | **No** |
| **PHY Wireless** *[16507]* | **ATIS** | y | y | y | n | n | y | **Yes** | **No** |
| **PIDS** *[11468]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Pivotal Commware** *[15846]* | **ATIS** | n | n | y | y | n | y | **Yes** | **No** |
| **Polaris Wireless** *[12765]* | **ATIS** | y | y | y | n | y | y | **Yes** | **No** |
| **Polisen *(Polismyndigheten)*** *[15976]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Polizia di Stato *(Direzione Centrale Anticrimine della Polizia di Stato)*** *[16086]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **POST Luxembourg** *[16291]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Potevio Company Limited** *[13341]* | **CCSA** | y | y | y | n | y | y | **Yes** | **No** |
| **Proximus Plc** *[113]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **PSCE *(Public Safety Communication Europe Forum)*** *[15484]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **PT PORTUGAL SGPS SA** *[18]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **PTS *(Swedish Post and Telecom Authority)*** *[479]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Public Safety Canada** *[12365]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Individual Member - Q** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **Qihoo 360 *(Qihoo 360 Technology Co., Ltd.)*** *[15651]* | **CCSA** | n | y | y | n | n | n | **No** | **No** |
| **Qorvo** *[15258]* | **ETSI** | y | n | y | y | n | y | **Yes** | **No** |
| **Qualcomm Austria RFFE GmbH** *[15685]* | **ETSI** | n | y | y | y | y | y | **Yes** | **No** |
| **Qualcomm CDMA Technologies *(Qualcomm CDMA Technologies GmbH)*** *[8705]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Qualcomm communications-France *(Qualcomm communications S.A.R.L)*** *[16207]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **QUALCOMM Europe Inc. - Italy *(QUALCOMM Europe Inc. - Italy Branch Office)*** *[16198]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **QUALCOMM Europe Inc. - Spain *(QUALCOMM Europe Inc. - Spain Branch Office)*** *[16197]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Qualcomm Europe Inc. Sweden** *[16587]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Qualcomm Finland RFFE Oy** *[15686]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Qualcomm Incorporated** *[9324]* | **ATIS** | y | y | y | y | y | y | **Yes** | **No** |
| **Qualcomm India Pvt Ltd** *[15109]* | **TSDSI** | y | y | y | y | y | y | **Yes** | **No** |
| **QUALCOMM JAPAN LLC.** *[12659]* | **ARIB** | y | y | y | y | y | y | **Yes** | **No** |
| **Qualcomm Korea** *[12985]* | **TTA** | y | y | y | y | y | y | **Yes** | **No** |
| **Qualcomm Tech. Netherlands B.V *(Qualcomm Technologies Netherlands B.V.)*** *[14629]* | **ETSI** | n | y | y | y | y | y | **Yes** | **No** |
| **Qualcomm Technologies Int *(Qualcomm Technologies International, Ltd)*** *[16487]* | **ETSI** | y | n | y | y | y | y | **Yes** | **No** |
| **Qualcomm Technologies Ireland *(QT Technologies Ireland Limited)*** *[16588]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Qualcomm Wireless GmbH** *[15671]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Quectel *(Quectel Wireless Solutions Co., Ltd.)*** *[16620]* | **CCSA** | n | n | n | n | n | n | **No** | **No** |
| **Quixoticity** *[15445]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Individual Member - R** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **RadiSys *(RadiSys Inc.)*** *[12459]* | **ETSI** | y | n | y | n | n | n | **No** | **No** |
| **Rakuten Mobile, Inc** *[16329]* | **ARIB** | n | n | n | n | n | n | **No** | **No** |
| **RATEL *(Regulatory Agency For Electronic Communications and Postal Services)*** *[16517]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Redline Communications Inc.** *[15923]* | **ATIS** | n | n | n | n | n | y | **No** | **No** |
| **Reliance Jio** *[15145]* | **TSDSI** | n | n | y | n | y | n | **Yes** | **No** |
| **RISE *(RISE Research Institutes of Sweden)*** *[16389]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **ROBERT BOSCH GmbH** *[42]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Rogers Communications Canada *(Rogers Communications Canada Inc.)*** *[14427]* | **ETSI** | y | n | y | n | n | y | **Yes** | **No** |
| **ROHDE & SCHWARZ *(ROHDE & SCHWARZ GmbH & Co.KG)*** *[176]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Ruckus *(Ruckus Wireless Inc.)*** *[15932]* | **ETSI** | n | n | y | n | n | y | **Yes** | **No** |
| **Individual Member - S** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **Saankhya Labs *(Saankhya Labs Private Limited)*** *[16009]* | **TSDSI** | n | n | n | n | n | n | **No** | **No** |
| **Sagemcom Broadband SAS** *[465]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Saguna Networks Ltd** *[14886]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **SAICT** *[15842]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **Samsung Electronics Benelux BV** *[15662]* | **ETSI** | y | n | y | y | y | y | **Yes** | **No** |
| **Samsung Electronics Co., Ltd *(Samsung Electronics Ind. Co., Ltd.)*** *[9792]* | **TTA** | y | y | y | y | y | y | **Yes** | **No** |
| **Samsung Electronics Czech** *[15661]* | **ETSI** | y | y | y | n | n | y | **Yes** | **No** |
| **Samsung Electronics France SA** *[15549]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Samsung Electronics GmbH** *[15114]* | **ETSI** | y | y | y | n | y | y | **Yes** | **No** |
| **Samsung Electronics Iberia SA** *[15550]* | **ETSI** | y | n | y | n | y | y | **Yes** | **No** |
| **Samsung Electronics Nordic AB** *[15113]* | **ETSI** | y | n | y | n | n | y | **Yes** | **No** |
| **Samsung Electronics Polska** *[15112]* | **ETSI** | y | n | y | n | y | y | **Yes** | **No** |
| **Samsung Electronics Romania *(Samsung Electronics Romania SRL)*** *[15663]* | **ETSI** | y | y | y | n | n | y | **Yes** | **No** |
| **Samsung Guangzhou Mobile R&D *(Samsung Guangzhou Mobile R&D Center)*** *[16609]* | **CCSA** | n | n | n | n | n | n | **No** | **No** |
| **Samsung R&D Institute India *(Samsung R&D Institute India - Bangalore Pvt. Ltd)*** *[15534]* | **TSDSI** | y | y | y | n | y | y | **Yes** | **No** |
| **SAMSUNG R&D INSTITUTE JAPAN** *[16235]* | **ARIB** | y | n | y | y | y | y | **Yes** | **No** |
| **Samsung R&D Institute UK** *[3639]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Samsung Research America** *[13005]* | **ATIS** | y | y | y | y | n | y | **Yes** | **No** |
| **Sandvine Incorporated** *[13063]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Sanechips *(Sanechips Technology Co. , Ltd.)*** *[15695]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **Sapcorda *(Sapcorda Services GmbH)*** *[15897]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Sasken *(Sasken Technologies Limited)*** *[16032]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Sateliot *(Satelio IoT Services)*** *[16503]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Schindler *(Schindler Elevator Ltd)*** *[16721]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Sectra Communications AB** *[16492]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Security Service *(Swedish Security Service)*** *[15936]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Semtech Neuchatel SA** *[13261]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Sennheiser Electronic GmbH *(Sennheiser Electronic GmbH & Co. KG)*** *[10967]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Sensus UK *(Sensus UK Systems Limited)*** *[16061]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Sepura Ltd *(Sepura Limited)*** *[16583]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Sequans Communications** *[13543]* | **ETSI** | n | y | y | n | n | y | **Yes** | **No** |
| **SES S.A.** *[271]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **SGDSN *(Secrétariat Général de la Défense et de la Sécurité Nationale (SGDSN))*** *[12205]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **SGS Wireless** *[7310]* | **ETSI** | y | n | y | y | n | y | **Yes** | **No** |
| **Shanghai Chen Si Electronics *(Shanghai Chen Si Electronics Technology Co., Ltd)*** *[15136]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **Shanghai Jiao Tong University** *[15591]* | **CCSA** | y | y | y | n | n | y | **Yes** | **No** |
| **Shanghai Tejet Com Technology *(Shanghai Tejet Communications Technology Co., Ltd.)*** *[14568]* | **CCSA** | y | n | y | n | n | n | **No** | **No** |
| **SHARP Corporation** *[10414]* | **ARIB** | y | y | y | n | y | y | **Yes** | **No** |
| **Shenzhen YZF Network Technolog *(Shenzhen Yun Zhong Fei Network Technology Co.)*** *[15720]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **ShenZhen Zhongxing Shitong *(ShenZhen Zhongxing Shitong Tech. Co.,Ltd.)*** *[16202]* | **CCSA** | y | y | y | n | y | y | **Yes** | **No** |
| **SIA *(Shenyang Institute of Automation, Chinese Academy of Sciences)*** *[15718]* | **CCSA** | n | y | n | n | y | n | **Yes** | **No** |
| **Siemens AG** *[9420]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Sierra Wireless, S.A.** *[13277]* | **ETSI** | y | n | y | n | n | y | **Yes** | **No** |
| **SIGOS GmbH** *[524]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **SIST *(Slovenian Institute for Standardisation)*** *[468]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Sisvel *(Sisvel International S.A.)*** *[16293]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **SITA *(SITA OnAir Switzerland Sarl)*** *[16608]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **SK Telecom** *[10466]* | **TTA** | n | n | n | n | n | n | **No** | **No** |
| **Skyworks Solutions Inc.** *[15872]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **SmarterMicro Inc. *(Smarter Microelectronics(Guangzhou) Co.,Ltd)*** *[16627]* | **CCSA** | n | n | n | n | n | n | **No** | **No** |
| **SnT - University of Luxembourg *(Interdisciplinary Centre for Security, Reliability and Trust/University of Luxembourg)*** *[14533]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **SoftBank Corp.** *[11767]* | **ARIB** | y | y | y | y | y | y | **Yes** | **No** |
| **Softel Systems Pty Ltd** *[14313]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Softil Ltd** *[15792]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Sony Corporation** *[10416]* | **ARIB** | n | y | y | y | y | y | **Yes** | **No** |
| **Sony Europe B.V.** *[16361]* | **ETSI** | y | n | y | n | n | y | **Yes** | **No** |
| **Sony Mobile Communications *(Sony Mobile Communications, Inc.)*** *[12292]* | **ARIB** | y | y | y | y | y | y | **Yes** | **No** |
| **Southern Linc.** *[16475]* | **ATIS** | y | n | y | y | n | n | **Yes** | **No** |
| **Southwest Jiaotong university** *[15612]* | **CCSA** | n | y | n | n | y | n | **Yes** | **No** |
| **SpaceX *(SpaceX Services, Inc)*** *[16175]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Spark NZ Ltd** *[16772]* | **ATIS** | n | n | n | n | n | n | **No** | **No** |
| **Spirent Communications** *[11201]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **Sporton International Inc *(Sporton International Inc.)*** *[12845]* | **ETSI** | n | y | y | y | n | y | **Yes** | **No** |
| **Spreadtrum Communications *(Spreadtrum Communications (Shanghai) Co., Ltd.)*** *[15048]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **SRTC *(The State Radio\_monitoring\_center Testing Center)*** *[14671]* | **CCSA** | y | n | y | y | n | y | **Yes** | **No** |
| **SS8 *(SS8 Networks Inc.)*** *[16376]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **SSNS *(Special Service for the National Security of Hungary)*** *[13220]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Starpoint *(Beijing Starpoint Technology Company Limited)*** *[15924]* | **CCSA** | y | y | y | y | n | n | **Yes** | **No** |
| **STE IDIRECT IRELAND LTD *(ST ENGINEERING IDIRECT (IRELAND) LIMITED)*** *[16584]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **STMicroelectronics *(STMicroelectronics International NV)*** *[4952]* | **ETSI** | n | y | n | y | n | y | **Yes** | **No** |
| **Sumitomo Elec. Industries, Ltd *(Sumitomo Electric Industries, Ltd.)*** *[13821]* | **ARIB** | y | y | y | n | n | n | **No** | **No** |
| **SUNGKYUNKWAN UNIVERSITY** *[16344]* | **TTA** | n | n | n | n | n | n | **No** | **No** |
| **Swift Navigation** *[16323]* | **ATIS** | n | n | n | n | y | y | **Yes** | **No** |
| **SWISSCOM *(SWISSCOM SA)*** *[3]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **SyncTechno Inc.** *[15384]* | **ETSI** | n | y | n | n | n | y | **No** | **No** |
| **SyncTechno Inc.** *[16688]* | **TTA** | n | n | n | n | n | n | **No** | **No** |
| **Syniverse *(M/s Syniverse Technologies Services India Pvt. Ltd.)*** *[16098]* | **TSDSI** | n | n | n | n | n | n | **No** | **No** |
| **Individual Member - T** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **TA *(Tantra Analyst)*** *[16514]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Tait Europe Limited** *[15826]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **TCL Communication Ltd.** *[14569]* | **CCSA** | y | y | n | n | y | y | **Yes** | **No** |
| **TCT Mobile Limited** *[14575]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **TD Tech Ltd** *[12766]* | **CCSA** | y | y | y | n | n | n | **No** | **No** |
| **TDF *(TDF SAS)*** *[118]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Tech Mahindra Limited** *[15887]* | **TSDSI** | n | n | n | n | n | n | **No** | **No** |
| **Tejas Networks Ltd.** *[15354]* | **TSDSI** | n | y | y | n | y | n | **Yes** | **No** |
| **TELECOM ITALIA S.p.A.** *[121]* | **ETSI** | y | n | y | y | y | y | **Yes** | **No** |
| **Telefonica Germany GmbH *(Telefónica Germany GmbH & Co OHG)*** *[11935]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **TELEFONICA S.A.** *[115]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Telekom Deutschland GmbH** *[676]* | **ETSI** | y | n | y | n | n | y | **Yes** | **No** |
| **TELENOR ASA** *[15]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Telia Company AB** *[15807]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Telit Communications S.p.A.** *[5219]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **TELKOM SA SOC Ltd** *[6611]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Telstra Corporation Limited** *[14587]* | **ETSI** | n | n | y | y | n | y | **Yes** | **No** |
| **TELUS** *[13438]* | **ATIS** | n | n | y | y | n | y | **Yes** | **No** |
| **Tencent *(Shenzhen city Tencent computer system Co. Ltd.)*** *[16063]* | **CCSA** | n | y | y | n | n | y | **Yes** | **No** |
| **TEOCO** *[15759]* | **ATIS** | n | n | y | n | n | n | **No** | **No** |
| **Teradyne** *[15369]* | **ATIS** | n | n | n | n | n | n | **No** | **No** |
| **TEXAS Instruments *(Texas Instruments France)*** *[182]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **THALES** *[70]* | **ETSI** | y | y | y | n | y | y | **Yes** | **No** |
| **The Police of the Netherlands *(The National Police of the Netherlands, Division MDC)*** *[3394]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **T-Mobile Austria GmbH** *[8912]* | **ETSI** | n | y | y | n | n | n | **No** | **No** |
| **T-Mobile Polska S.A. *(T-Mobile Polska Spolka Akcyjna)*** *[9461]* | **ETSI** | n | n | y | y | n | n | **Yes** | **No** |
| **T-Mobile USA *(T-Mobile USA, Inc.)*** *[16636]* | **ETSI** | y | n | y | y | n | y | **Yes** | **No** |
| **T-Mobile USA Inc.** *[11246]* | **ATIS** | n | y | n | y | y | y | **Yes** | **No** |
| **TNO** *[9533]* | **ETSI** | n | n | n | n | y | y | **Yes** | **No** |
| **Tongji University** *[15658]* | **CCSA** | n | y | n | n | y | n | **Yes** | **No** |
| **Toshiba** *[15530]* | **ETSI** | y | n | y | n | n | y | **Yes** | **No** |
| **TOYOTA Info Technology Center *(TOYOTA Info Technology Center USA, Inc.)*** *[14239]* | **ETSI** | y | n | y | n | n | n | **No** | **No** |
| **TOYOTA MOTOR CORPORATION** *[16341]* | **TTC** | n | n | n | n | y | y | **Yes** | **No** |
| **TRAFICOM *(The Finnish Transport and Communications Agency)*** *[16289]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Trafikverket** *[15340]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Transsion Holdings** *[16631]* | **CCSA** | n | n | n | n | n | n | **No** | **No** |
| **Turk Telekomunikasyon A.S.** *[16512]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **TURKCELL *(Turkcell Iletisim Hizmetleri A.S.)*** *[15882]* | **ETSI** | y | n | n | n | n | n | **No** | **No** |
| **TUV SUD BABT *(TUV SUD BRITISH APPROVALS BOARD FOR TELECOMMUNICATIONS)*** *[478]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Individual Member - U** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **U.S. Department of Defense** *[16348]* | **ATIS** | n | n | n | n | n | n | **No** | **No** |
| **U.S. Department of Transport. *(U.S. Department of Transportation)*** *[15731]* | **ATIS** | n | n | n | n | n | n | **No** | **No** |
| **U.S. National Security Agency *(US National Security Agency)*** *[16857]* | **ATIS** | n | n | n | n | n | n | **No** | **No** |
| **Ubiwhere Lda (UW) *(Ubiwhere Lda)*** *[15719]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **u-blox AG** *[14502]* | **ETSI** | n | n | y | n | n | y | **Yes** | **No** |
| **UESTC *(University of Electronic Science and Technology of China)*** *[15721]* | **CCSA** | n | y | n | n | y | n | **Yes** | **No** |
| **UL VS Ltd** *[506]* | **ETSI** | y | n | n | n | n | n | **No** | **No** |
| **UMA *(Universidad de Malaga)*** *[16783]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **umlaut *(umlaut communications GmbH)*** *[16536]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **UNIBO *(ALMA MATER STUDIORUM Università di Bologna)*** *[16750]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Union Inter. Chemins de Fer *(Union Internationale des Chemins de Fer)*** *[494]* | **ETSI** | n | n | n | n | n | y | **No** | **No** |
| **Union Telephone Company** *[12671]* | **ATIS** | n | n | n | n | n | n | **No** | **No** |
| **UPV/EHU *(Universidad del País Vasco/Euskal Herriko Unibertsitatea)*** *[15297]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **US Cellular Corporation** *[13247]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **UTIMACO TS GmbH** *[12516]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **UTokyo *(The University of Tokyo)*** *[14779]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Individual Member - V** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **Valeo *(Valeo Telematik und Akustik GmbH)*** *[16851]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Valeo Radar Systems Inc. *(Valeo Radar Systems Inc. (VRS))*** *[13744]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **VALID SOLUCIONES TECNOLÓGICAS *(VALID SOLUCIONES TECNOLÓGICAS S.A.U)*** *[10646]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Vanchip *(Vanchip (Tianjin) Technology Co., Ltd.)*** *[16387]* | **CCSA** | n | n | n | n | y | y | **Yes** | **No** |
| **Verint *(Verint Systems Inc.)*** *[16278]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Verizon Denmark *(Verizon Denmark A/S)*** *[16604]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Verizon Spain *(Verizon Spain S.L.)*** *[16606]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Verizon Sweden *(Verizon Sweden Aktiebolag 2116)*** *[16600]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Verizon Switzerland AG** *[16605]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Verizon UK Ltd** *[13146]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **ViaviSolutions Deutsch. GmbH *(Viavi Solutions Deutschland GmbH)*** *[14226]* | **ETSI** | n | y | n | n | n | n | **No** | **No** |
| **Vipps *(Vipps AS)*** *[16433]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **vivo Communication Technology *(vivo Communication Technology Co., Ltd.)*** *[15590]* | **CCSA** | y | y | y | n | y | y | **Yes** | **No** |
| **vivo Mobile Com. (Chongqing) *(vivo Mobile Communication (Chongqing) Co., Ltd)*** *[15594]* | **CCSA** | y | y | y | n | y | n | **Yes** | **No** |
| **vivo Mobile Communication (H) *(vivo Mobile Communication (Hangzhou) Co., Ltd.)*** *[16258]* | **CCSA** | y | y | y | n | y | n | **Yes** | **No** |
| **vivo Mobile Communication (S) *(vivo Mobile Communication (Shenzhen) Co., Ltd.)*** *[16257]* | **CCSA** | y | y | y | n | y | n | **Yes** | **No** |
| **vivo Mobile Communication Co., *(vivo Mobile Communication Co., Ltd)*** *[15475]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **VIVO TECH GmbH** *[16592]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **VMware Bulgaria EOOD** *[16287]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Vodafone España SA** *[5361]* | **ETSI** | n | n | y | y | n | y | **Yes** | **No** |
| **Vodafone GmbH** *[168]* | **ETSI** | n | y | n | y | n | y | **Yes** | **No** |
| **VODAFONE Group Plc** *[130]* | **ETSI** | n | n | y | y | n | y | **Yes** | **No** |
| **Vodafone Ireland Plc** *[9290]* | **ETSI** | y | n | y | n | y | n | **Yes** | **No** |
| **Vodafone Italia SpA** *[15670]* | **ETSI** | y | n | y | n | y | n | **Yes** | **No** |
| **Vodafone Romania S.A.** *[9296]* | **ETSI** | n | y | n | y | n | n | **Yes** | **No** |
| **Vodafone Telekomünikasyon A.S.** *[12486]* | **ETSI** | n | y | n | n | y | n | **Yes** | **No** |
| **VoiceAge Corporation** *[11912]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Volkswagen AG** *[9642]* | **ETSI** | y | n | y | n | n | y | **Yes** | **No** |
| **VTT *(VTT Technical Research Centre of Finland)*** *[3578]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Individual Member - W** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **WE Certification Oy** *[15747]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Western Digital *(Western Digital Technologies, Inc.)*** *[16713]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **WILUS Inc.** *[15146]* | **TTA** | y | n | y | n | n | n | **No** | **No** |
| **Individual Member - X** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **Xiaomi Communications** *[15589]* | **CCSA** | y | y | y | n | y | y | **Yes** | **No** |
| **Xiaomi Technology** *[15588]* | **CCSA** | y | y | y | y | y | y | **Yes** | **No** |
| **Xidian University** *[15611]* | **CCSA** | n | y | n | n | y | n | **Yes** | **No** |
| **Xilinx Ireland** *[15328]* | **ETSI** | y | n | y | y | y | y | **Yes** | **No** |
| **Individual Member - Y** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **Yonsei University** *[16315]* | **TTA** | n | n | y | n | n | y | **Yes** | **No** |
| **Individual Member - Z** | **Partner** | **Representation at prior 'Ordinary' meetings** | | | | | | **Has right to vote ...** | |
| **90 Athens** | **90Bis Xi'an** | **91 Reno, Nevada** | **92 Ljubljana** | **92Bis Chongqing** | **93 Reno, Nevada** | **in-person** | **by-proxy** |
| **Zhejiang Lab** *[16629]* | **CCSA** | n | n | n | n | n | n | **No** | **No** |
| **Zhejiang University** *[15677]* | **CCSA** | n | y | n | n | y | n | **Yes** | **No** |
| **ZITiS *(Central Office for Information Technology in the Security Sector)*** *[16275]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **Zollkriminalamt (ZKA)** *[13737]* | **ETSI** | n | n | n | n | n | n | **No** | **No** |
| **ZONSON *(ZONSON SAMRT AUTO CORPORATION)*** *[16204]* | **CCSA** | y | y | y | n | y | y | **Yes** | **No** |
| **ZTE Corporation** *[10745]* | **CCSA** | y | y | y | y | y | n | **Yes** | **No** |
| **ZTE Corporation** *[12634]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **ZTE Photonics *(ZTE Photonics Technology Co.,Ltd.)*** *[16201]* | **CCSA** | n | y | y | y | y | y | **Yes** | **No** |
| **ZTE Wistron Telecom AB** *[15024]* | **ETSI** | y | y | y | y | y | y | **Yes** | **No** |
| **ZXNE *(ZXNE CORPORATION)*** *[16203]* | **CCSA** | y | y | y | n | n | n | **No** | **No** |

Total of Individual Members with right to vote: 351