



ZONE	Country	Operator	Permanent Roaming	GSM (2G)	GPRS (2G)	UMTS (3G)	LTE (4G)	LTE-M
Zone A	Andorra (AND)	Andorra Telecom, S.A.U. (ANDMA)	YES	YES	YES	YES	YES	NO
Zone A	Austria (AUT)	A1 Telekom Austria AG (AUTPT)	YES	YES	YES	YES	YES	NO
Zone A	Austria (AUT)	Hutchison Drei Austria GmbH (AUTCA)	YES	YES	YES	YES	YES	NO
Zone A	Austria (AUT)	T-Mobile Austria GmbH (AUTMM)	YES	YES	YES	YES	YES	Presumed
Zone A	Belgium (BEL)	ORANGE Belgium nv/SA (BELMO)	YES	YES	YES	YES	YES	NO
Zone A	Belgium (BEL)	Proximus PLC (BELTB)	YES	YES	YES	YES	YES	NO
Zone A	Belgium (BEL)	Telenet (BELKO) / Base	YES	YES	YES	YES	YES	NO
Zone A	Bulgaria (BGR)	A1 Bulgaria EAD (BGR01)	YES	YES	YES	YES	YES	NO
Zone A	Bulgaria (BGR)	Bulgarian Telecommunications Company EAD (BGRVA)	YES	YES	YES	YES	YES	NO
Zone A	Bulgaria (BGR)	Telenor Bulgaria EAD (BGRCM)	YES	YES	YES	YES	YES	NO
Zone A	Croatia (HRV)	Hrvatski Telekom d.d. (HRVCN)	YES	YES	YES	YES	YES	NO
Zone A	Croatia (HRV)	Tele2 d.o.o za telekomunikacijske usluge (HRVT2)	YES	YES	YES	YES	YES	NO
Zone A	Croatia (HRV)	VIPnet d.o.o. (HRVVI)	YES	YES	YES	YES	YES	NO
Zone A	Cyprus (CYP)	Cyprus Telecommunications Authority (CYPCT)	YES	YES	YES	YES	YES	NO
Zone A	Cyprus (CYP)	MTN Cyprus Limited (CYPSC)	YES	YES	YES	YES	YES	NO
Zone A	Cyprus (CYP)	PrimeTel PLC (CYPPT)	YES	YES	YES	YES	YES	NO
Zone A	Czech Republic (CZE)	O2 Czech Republic a.s. (CZEET)	YES	YES	YES	YES	YES	NO
Zone A	Czech Republic (CZE)	T-Mobile Czech Republic a.s. (CZERM)	YES	YES	YES	YES	YES	NO
Zone A	Czech Republic (CZE)	Vodafone Czech Republic a.s. (CZECM)	YES	YES	YES	NO	YES	NO
Zone A	Denmark (DNK)	HI3G Denmark ApS (DNKHU)	YES	YES	YES	YES	YES	NO
Zone A	Denmark (DNK)	TDC A/S (DNKTD)	YES	YES	YES	YES	YES	NO
Zone A	Denmark (DNK)	Telenor A/S (DNKDM)	YES	YES	YES	YES	YES	Presumed
Zone A	Denmark (DNK)	Telia Nattjanster Norden AB (DNKIA)	YES	YES	YES	YES	YES	NO
Zone A	Estonia (EST)	Elisa Eesti AS (ESTRE)	YES	YES	YES	YES	YES	NO
Zone A	Estonia (EST)	Tele2 Eesti Aktiaselts (ESTRB)	YES	YES	YES	YES	YES	NO
Zone A	Estonia (EST)	Telia Eesti AS (ESTEM)	YES	YES	YES	YES	YES	NO
Zone A	Finland (FIN)	Ålands Telekommunikation Ab (FINAM)	YES	YES	YES	YES	YES	NO
Zone A	Finland (FIN)	DNA Plc (FIN2G)	YES	YES	YES	YES	YES	Presumed
Zone A	Finland (FIN)	Elisa Corporation (FINRL)	YES	YES	YES	YES	YES	Presumed
Zone A	Finland (FIN)	Telia Finland Oyj (FINTF)	YES	YES	YES	YES	YES	NO
Zone A	France (FRA)	Bouygues Télécom (FRAF3)	YES	YES	YES	YES	YES	NO
Zone A	France (FRA)	Free Mobile (FRAF1)	YES	YES	YES	YES	YES	NO
Zone A	France (FRA)	Orange (FRAF1)	YES	YES	YES	YES	YES	YES
Zone A	France (FRA)	Société Française du Radiotéléphone S.A. (FRAF2)	YES	YES	YES	YES	YES	NO
Zone A	Germany (DEU)	Telefónica Germany GmbH & Co. OHG (O2)	YES	YES	YES	YES	YES	NO
Zone A	Germany (DEU)	Telekom Deutschland GmbH (DEUD1)	YES	YES	YES	YES	YES	YES
Zone A	Germany (DEU)	Vodafone GmbH (DEUD2)	YES	YES	YES	YES	YES	YES
Zone A	Gibraltar (GIB)	Gibtelecom Limited (GIBGT)	YES	YES	YES	YES	YES	NO
Zone A	Greece (GRC)	Cosmote Mobile Telecommunications S.A. (GRCCO)	YES	YES	YES	YES	YES	NO
Zone A	Greece (GRC)	Vodafone-Panafon Hellenic Telecommunications Company S.A.	YES	YES	YES	YES	YES	NO
Zone A	Greece (GRC)	Wind Hellas Telecommunications S.A. (GRCSH)	YES	YES	YES	YES	YES	NO
Zone A	Guadeloupe (GLP)	Digicel Antilles Française Guyane	YES	YES	YES	YES	NO	NO
Zone A	Guadeloupe (GLP)	Orange Caraïbe (GLP01)	YES	YES	YES	YES	YES	NO
Zone A	Guadeloupe (GLP)	Outremer Télécom (GUF01)	YES	YES	YES	YES	NO	NO
Zone A	Guyane Française (GUF)	Digicel Antilles Française Guyane	YES	YES	YES	YES	NO	NO
Zone A	Guyane Française (GUF)	Orange Caraïbe	YES	YES	YES	YES	YES	NO
Zone A	Guyane Française (GUF)	Outremer Télécom	YES	YES	YES	YES	NO	NO
Zone A	Hungary (HUN)	Magyar Telekom Nyrt. (HUNH2) / T-Mobile	YES	YES	YES	YES	YES	NO
Zone A	Hungary (HUN)	Telenor Magyarország Zártkörűen Működő Részvénytársaság (YES	YES	YES	YES	YES	NO
Zone A	Hungary (HUN)	Vodafone Hungary Ltd. (HUNVR)	YES	YES	YES	YES	YES	NO
Zone A	Iceland (ISL)	Nova ehf. (ISLNO)	YES	YES	YES	YES	YES	NO
Zone A	Iceland (ISL)	Siminn h.f. (ISLPS)	YES	YES	YES	YES	YES	NO
Zone A	Iceland (ISL)	Sýn hf. (ISLTL)	YES	YES	YES	YES	YES	NO
Zone A	Ireland (IRL)	Meteor Mobile Communications Limited (IRLME)	YES	YES	YES	YES	YES	NO
Zone A	Ireland (IRL)	Three Ireland (Hutchison) Limited (IRLDF)	YES	YES	YES	YES	NO	NO
Zone A	Ireland (IRL)	Three Ireland (Hutchison) Limited (IRLH3)	YES	NO	NO	YES	YES	NO
Zone A	Ireland (IRL)	Vodafone Ireland Limited (IRLEC)	YES	YES	YES	YES	YES	NO
Zone A	Italy (ITA)	Telecom Italia SpA (ITASI)	YES	YES	YES	YES	YES	NO
Zone A	Italy (ITA)	Vodafone Italia S.p.A (ITAOM)	YES	YES	YES	NO	YES	Presumed
Zone A	Italy (ITA)	Wind Tre S.p.A. (ITAWI) (ITAWI)	YES	YES	YES	YES	YES	NO
Zone A	Latvia (LVA)	Latvijas Mobilais Telefons (LVALM)	YES	YES	YES	YES	YES	Presumed
Zone A	Latvia (LVA)	SIA Bite Mobile (LVABT)	YES	YES	YES	YES	YES	NO
Zone A	Latvia (LVA)	Tele2 SIA (LVABC)	YES	YES	YES	YES	YES	NO
Zone A	Liechtenstein (LIE)	Telecom Liechtenstein AG (LIEMK)	YES	YES	YES	YES	NO	NO
Zone A	Lithuania (LTU)	Telia Lietuva AB (LTUOM)	YES	YES	YES	YES	YES	NO
Zone A	Lithuania (LTU)	UAB Bitė Lietuva (LTUMT)	YES	YES	YES	YES	YES	NO
Zone A	Lithuania (LTU)	UAB Tele2 (LTU03)	YES	YES	YES	YES	YES	NO
Zone A	Luxembourg (LUX)	POST Telecom Luxembourg	YES	YES	YES	YES	YES	YES
Zone A	Malta (MLT)	GO p.l.c. (MLTGO)	YES	YES	YES	YES	YES	NO
Zone A	Malta (MLT)	Melita Ltd. (MLTMM)	YES	NO	NO	YES	YES	NO
Zone A	Malta (MLT)	Vodafone Malta Limited (MLTTL)	YES	YES	YES	YES	YES	NO
Zone A	Martinique (MTQ)	Digicel Antilles Française Guyane	YES	YES	YES	YES	NO	NO
Zone A	Martinique (MTQ)	Orange Caraïbe	YES	YES	YES	YES	YES	NO
Zone A	Martinique (MTQ)	Outremer Télécom	YES	YES	YES	YES	NO	NO
Zone A	Mayotte (MYT)	Société Française du Radiotéléphone S.A. (FRAF2)	YES	YES	YES	YES	YES	NO
Zone A	Monaco (MCO)	Monaco Telecom S.A.M. (AAMOM)	YES	YES	YES	YES	NO	NO
Zone A	Monaco (MCO)	Monaco Telecom S.A.M. (MCOM1)	YES	YES	YES	YES	NO	NO
Zone A	Monaco (MCO)	Monaco Telecom S.A.M. (MCOM2)	YES	YES	YES	YES	YES	NO
Zone A	Netherlands (NLD)	KPN B.V. (NLDPT)	YES	YES	YES	YES	YES	Presumed
Zone A	Netherlands (NLD)	T-Mobile Netherlands B.V. (NLDPN)	YES	YES	YES	YES	YES	Presumed
Zone A	Netherlands (NLD)	Vodafone Libertel B.V. (NLDLT)	YES	YES	YES	NO	YES	YES

Zone A	Norway (NOR)	Telenor Norge AS (NORTM)	YES	YES	YES	NO	YES	Presumed
Zone A	Norway (NOR)	Telia Norge AS (NORNC)	YES	YES	YES	YES	YES	NO
Zone A	Poland (POL)	Orange Polska S.A. (POL03)	YES	YES	YES	YES	YES	NO
Zone A	Poland (POL)	P4 Sp. z o.o. (POLP4)	YES	NO	NO	YES	YES	NO
Zone A	Poland (POL)	Polkomtel Sp. z o.o. (POLKM)	YES	YES	YES	YES	YES	NO
Zone A	Poland (POL)	T-Mobile Polska S.A. (POL02)	YES	YES	YES	YES	YES	NO
Zone A	Portugal (PRT)	MEO - Serviços de Comunicações e Multimédia SA (PRTTM)	YES	YES	YES	YES	YES	NO
Zone A	Portugal (PRT)	NOS – Comunicações, S.A. (PRTOP)	YES	YES	YES	YES	YES	NO
Zone A	Portugal (PRT)	Vodafone Portugal - Comunicações Pessoais, S.A. (PRTTL)	YES	YES	YES	YES	YES	NO
Zone A	Réunion (REU)	Orange Réunion (REU02)	YES	YES	YES	YES	YES	NO
Zone A	Romania (ROU)	S.C. Orange România S.A. (ROMMR)	YES	YES	YES	YES	YES	NO
Zone A	Romania (ROU)	S.C. Vodafone Romania S.A. (ROMMF)	YES	YES	YES	YES	YES	NO
Zone A	Romania (ROU)	Telekom Romania Mobile Communications S.A. (ROMCS)	YES	YES	YES	YES	YES	NO
Zone A	Saint Barthelemy (BLM)	Digicel Antilles Française Guyane	YES	YES	YES	YES	NO	NO
Zone A	Saint Barthelemy (BLM)	Orange Caraibe	YES	YES	YES	YES	YES	NO
Zone A	Saint Barthelemy (BLM)	Société Française du Radiotéléphone S.A. (FRAF2)	YES	YES	YES	YES	YES	NO
Zone A	Saint Martin (MAF)	Digicel Antilles Française Guvane	YES	YES	YES	YES	NO	NO
Zone A	Saint Martin (MAF)	Orange Caraibe	YES	YES	YES	YES	YES	NO
Zone A	Saint Martin (MAF)	Société Française du Radiotéléphone S.A. (FRAF2)	YES	YES	YES	YES	YES	NO
Zone A	Slovakia (SVK)	O2 Slovakia, s.r.o. (SVK02)	YES	YES	YES	YES	YES	NO
Zone A	Slovakia (SVK)	Orange Slovensko, a.s. (SVKGT)	YES	YES	YES	YES	YES	NO
Zone A	Slovakia (SVK)	Slovak Telekom, a.s. (SVKET)	YES	YES	YES	YES	YES	NO
Zone A	Slovenia (SVN)	A1 Slovenija, d.d. (SVNSM)	YES	YES	YES	YES	YES	Presumed
Zone A	Slovenia (SVN)	Telekom Slovenije d.d. (SVNMT)	YES	YES	YES	YES	YES	NO
Zone A	Slovenia (SVN)	Telemach d.o.o. (SVNVG)	YES	YES	YES	YES	YES	NO
Zone A	Spain (ESP)	Orange Espagne, S.A., sociedad unipersonal (ESPRT)	YES	YES	YES	YES	YES	Presumed
Zone A	Spain (ESP)	Telefónica Móviles España S.A. (ESPTE)	YES	YES	YES	YES	YES	NO
Zone A	Spain (ESP)	Vodafone España, S.A.U. (ESPAT)	YES	YES	YES	YES	YES	NO
Zone A	Sweden (SWE)	Hi3G Access AB (SWEHU)	YES	YES	YES	YES	YES	NO
Zone A	Sweden (SWE)	Tele2 AB (SWEIO)	YES	YES	YES	YES	YES	Presumed
Zone A	Sweden (SWE)	Telenor Sverige AB (SWEPP)	YES	YES	YES	YES	YES	NO
Zone A	Sweden (SWE)	Telia Company AB (SWETR)	YES	YES	YES	YES	YES	NO
Zone A	Switzerland (CHE)	Salt Mobile SA (CHEOR)	YES	YES	YES	YES	YES	NO
Zone A	Switzerland (CHE)	Sunrise Communications AG (CHEDX)	YES	YES	YES	YES	YES	Presumed
Zone A	Switzerland (CHE)	Swisscom (Switzerland) Ltd (CHEC1)	YES	NO	NO	YES	YES	YES
Zone A	United Kingdom (GBR)	EE Limited (GBRME)	YES	YES	YES	YES	YES	NO
Zone A	United Kingdom (GBR)	EE Limited (GBROR)	YES	YES	YES	NO	NO	NO
Zone A	United Kingdom (GBR)	Hutchison 3G UK Limited (GBRHU)	YES	NO	NO	YES	YES	NO
Zone A	United Kingdom (GBR)	Jersey Airtel Limited (GBRAJ)	YES	YES	YES	YES	YES	NO
Zone A	United Kingdom (GBR)	JT (Jersey) Limited (GBRJT)	YES	YES	YES	YES	YES	NO
Zone A	United Kingdom (GBR)	Manx Telecom (GBRMT)	YES	YES	YES	YES	YES	NO
Zone A	United Kingdom (GBR)	Sure (Guernsey) Limited (GBRGT)	YES	YES	YES	YES	YES	NO
Zone A	United Kingdom (GBR)	Telefónica UK Limited (GBRCN)	YES	YES	YES	YES	YES	NO
Zone A	United Kingdom (GBR)	Vodafone Ltd (GBRVF)	YES	YES	YES	YES	YES	NO
Zone A	United Kingdom (GBR)	EE Limited (GBRME)	YES	YES	YES	YES	YES	NO
Zone A	United Kingdom (GBR)	EE Limited (GBROR)	YES	YES	YES	NO	NO	NO
Zone A	United Kingdom (GBR)	Hutchison 3G UK Limited (GBRHU)	YES	NO	NO	YES	YES	NO
Zone A	United Kingdom (GBR)	Jersey Airtel Limited (GBRAJ)	YES	YES	YES	YES	YES	NO
Zone A	United Kingdom (GBR)	JT (Jersey) Limited (GBRJT)	YES	YES	YES	YES	YES	NO
Zone A	United Kingdom (GBR)	Manx Telecom (GBRMT)	YES	YES	YES	YES	YES	NO
Zone A	United Kingdom (GBR)	Sure (Guernsey) Limited (GBRGT)	YES	YES	YES	YES	YES	NO
Zone A	United Kingdom (GBR)	Telefónica UK Limited (GBRCN)	YES	YES	YES	YES	YES	NO
Zone A	United Kingdom (GBR)	Vodafone Ltd (GBRVF)	YES	YES	YES	YES	YES	NO