



## Post-Paid Roaming Coverage

Country Name	Commercial Names	TAP	GSM	GPRS	3G	LTE	VoLTE	Retail Group
Afghanistan	Roshan	AFGTD	✓	✓	✓	✓		GROUP3
Albania	AMC Mobil	ALBAM	✓					GROUP3
Albania	ALBtelecom	ALBEM	✓	✓	✓	✓		GROUP3
Albania	Vodafone	ALBVF	✓	✓	✓	✓		GROUP2
Algeria	Mobilis	DZAA1	✓	✓	✓	✓		GROUP3
Algeria	Djezzy	DZAOOT	✓	✓	✓	✓		GROUP3
Algeria	Telecom Algerie	DZAWT	✓	✓	✓	✓		GROUP3
Andorra	Mobiland	ANDMA	✓					GROUP4
Angola	Movicel	AGOMV	✓	✓				GROUP1
Angola	Unitel	AGOUT	✓	✓	✓			GROUP1
Anguilla	Cable and Wireless	AICW	✓	✓	✓			GROUP4
Anguilla	Digicel	JAMDC	✓	✓				GROUP4
Barbado	Wireless	ATGCW	✓					GROUP4
Barbado	Digicel	JAMDC	✓	✓				GROUP4
Argentina	Claro	ARGCM	✓	✓	✓	✓		GROUP3
Armenia	Veon Armenia	ARM01	✓	✓	✓	✓		GROUP4
Armenia	ArmenTel	ARM05	✓	✓	✓			GROUP4
Armenia	Ucom CJSC	ARMOR	✓	✓	✓			GROUP4
Aruba	Digicel	ABWDC	✓					GROUP4
Australia	Pty Limited	AUSOP	✓	✓	✓	✓		GROUP3
Australia	Vodafone	AUSVF	✓	✓	✓	✓		GROUP2
Austria	Drei	AUTCA	✓	✓	✓	✓		GROUP3
Austria	T-Mobile Austria	AUTMM	✓	✓	✓			GROUP3
Austria	A1	AUTPT	✓	✓	✓	✓		GROUP3
Austria	T-Mobile Austria	AUTTR	✓					GROUP3
Azerbaijan	Telecom	AZEAC	✓	✓	✓	✓		GROUP4
Azerbaijan	Mobile	AZEAF	✓					GROUP4
Azerbaijan	Bakcell Ltd	AZEBC	✓	✓	✓	✓		GROUP4
Bahamas	BTC	BHSBH	✓					GROUP4
Bahamas	Be Aliv Limited	BHSNC	✓	✓	✓	✓		GROUP4
Bahrain	Bahrain Telecom	BHRBT	✓	✓	✓			GROUP4
Bahrain	ZAIN	BHRMV	✓	✓	✓	✓		GROUP4
Bahrain	VIVA	BHRST	✓	✓				GROUP4
Bangladesh	Airtel	BGDAK	✓	✓	✓	✓		GROUP4
Bangladesh	Communications	BGDBL	✓	✓	✓	✓		GROUP3
Bangladesh	Airtel	BGDWT	✓	✓				GROUP4
Barbados	Wireless	BRBCW	✓					GROUP4

Barbados	Digicel	JAMDC	✓	✓				GROUP4
Belarus	BeST	BLR02	✓	✓	✓	✓		GROUP4
Belarus	MTS Armenia	BLRBT	✓	✓	✓			GROUP4
Belgium	Base	BELKO	✓	✓	✓			GROUP3
Belgium	Proximus	BELTB	✓	✓	✓	✓		GROUP3
Belgium	Telnet	BELTN	✓	✓	✓			GROUP3
Belize	Limited	BLZ67	✓	✓	✓			GROUP4
Benin	Etisalat	BEN02	✓	✓	✓	✓		GROUP1
Benin	GloBenin	BENGM	✓					GROUP4
Bermuda	AT&T Mobility	BMU01	✓					GROUP4
Bermuda	Communications Limited	BMUBD	✓	✓	✓	✓		GROUP4
Bonaire	Digicel	ANTCT	✓	✓	✓			GROUP4
Bosnia and Herzegovina		BIHER	✓	✓	✓			GROUP4
Herzegovina	MTEL	BIHMS	✓	✓	✓	✓		GROUP4
Herzegovina	BH Mobile	BIHPT	✓	✓	✓			GROUP4
Botswana	beMOBILE	BWABC	✓					GROUP1
Botswana	MASCOM	BWAGA	✓	✓	✓			AFR
Botswana	Orange	BWAVC	✓	✓				GROUP1
Brazil	Claro	BRACL	✓	✓	✓	✓		GROUP3
Brazil	TIM	BRACS	✓	✓	✓			GROUP1
Brazil	TIM	BRARN	✓	✓	✓			GROUP1
Brazil	TIM	BRASP	✓	✓	✓			GROUP1
Brazil	VIVO	BRATC	✓	✓	✓			GROUP3
Brazil	Oi	BRATM	✓	✓	✓			GROUP1
Brazil	VIVO	BRAV1	✓	✓	✓			GROUP3
Brazil	VIVO	BRAV2	✓	✓	✓			GROUP3
Brazil	VIVO	BRAV3	✓	✓	✓			GROUP3
British Virgin Island	Digicel	JAMDC	✓	✓				GROUP4
British Virgin Island	Digicel	VGBDC	✓	✓	✓			GROUP4
Brunei	Networks Sdn	BRNDS	✓	✓	✓	✓		GROUP4
Bulgaria	Mobitel EAD	BGR01	✓	✓	✓			GROUP4
Bulgaria	Telenor	BGRCM	✓	✓	✓	✓		GROUP4
Bulgaria	Vivacom	BGRVA	✓	✓	✓	✓		GROUP4
Burkina Faso	Orange	BFACT	✓					GROUP3
Burkina Faso	Onatel	BFAON	✓	✓	✓			GROUP3
Burundi	Econet	BDIET	✓					GROUP4
Burundi	U-Com	BDITL	✓					GROUP4
Cambodia	Cellcard	KHMGGM	✓	✓	✓	✓		GROUP3
Cambodia	Smart	KHML1	✓					GROUP3
Cambodia	Smart	KHMSC	✓					GROUP3
Cambodia	Metfone	KHMVC	✓					GROUP3

Camboja	Smart	KHMSM	✓	✓	✓	✓		GROUP3
Cameroon	Orange	CMR02	✓	✓	✓			GROUP4
Canada	Bell Mobility	CANBM	✓	✓	✓	✓		GROUP3
Canada	Rogers	CANRW	✓	✓	✓			GROUP3
Canada	SaskTel	CANST	✓	✓	✓	✓		GROUP3
Canada	Telus	CANTS	✓	✓	✓	✓		GROUP3
Cape Verde	CVMóvel	CPVCV	✓	✓	✓	✓		GROUP1
Cape Verde	Unitel T+	CPVTM	✓	✓	✓	✓		GROUP1
Cayman Islands	Wireless	CYMCW	✓	✓	✓			GROUP4
Cayman Islands	Digicel	JAMDC	✓	✓				GROUP4
Central African Republic	Telecel	CAF02	✓					GROUP3
Republic	telecom	CAFAT	✓	✓				GROUP3
Chad	Airtel	TCDCT	✓	✓	✓	✓		GROUP1
Chad	Tigo	TCDML	✓	✓	✓			GROUP4
Chile	Telecomunicaciones S.A.	CHLMV	✓	✓	✓	✓		GROUP3
Chile	Claro	CHLSM	✓	✓	✓			GROUP3
China	China Mobile	CHNCM	✓	✓				GROUP3
China	China Mobile	CHNCT	✓	✓	✓			GROUP3
China	China Unicom	CHNTD	✓	✓	✓			GROUP3
Comoros	Comores Telecom	COMHR	✓					GROUP4
Congo	Bharti Airtel Celtel Congo SA	COGCT	✓	✓	✓	✓		GROUP4
Congo	Libertis	COGLB	✓	✓	✓			GROUP4
Congo, the DRC	Africell DRC Ltd	CODAC	✓	✓	✓	✓		GROUP1
Congo, the DRC	Airtel	CODCT	✓	✓	✓			GROUP1
Congo, the DRC	Orange	CODOR	✓	✓	✓			GROUP1
Congo, the DRC	Vodacom	CODVC	✓	✓	✓	✓		AFR
Costa Rica	Claro Costa Rica	CRICL	✓	✓	✓	✓		GROUP4
Costa Rica	Costa Rica TC, S.A.	CRITC	✓	✓	✓	✓		GROUP3
Croatia	Telekom	HRVCN	✓	✓	✓	✓		GROUP4
Croatia	A1	HRVVI	✓	✓	✓	✓		GROUP4
Cyprus	Vodafone	CYPCT	✓	✓	✓	✓		GROUP2
Cyprus	Primetel	CYPPT	✓	✓				GROUP4
Cyprus	MTN	CYPSC	✓					GROUP2
Czech Republic	Vodafone	CZEEM	✓	✓	✓	✓		GROUP2
Czech Republic	T-Mobile	CZERM	✓	✓	✓			GROUP2
Denmark	Telenor A/S	DNKDM	✓	✓	✓			GROUP3
Denmark	3 DK	DNKHU	✓	✓	✓	✓		GROUP3
Denmark	Telia	DNKIA	✓	✓	✓	✓		GROUP3
Denmark	Telia	DNKMX	✓	✓				GROUP3
Denmark	TDC Mobil	DNKTD	✓					GROUP3
Dominica	Wireless	DMACW	✓	✓	✓			GROUP4

Dominica	Digicel	JAMDC	✓	✓				GROUP4
Republic	Altice	DOM01	✓					GROUP3
Republic	Claro	DOMCL	✓	✓	✓	✓		GROUP3
East Timor	Timor Telecom	TLSTL	✓	✓				GROUP3
Ecuador	Movistar	ECUOT	✓	✓	✓			GROUP3
Ecuador	Claro	ECUPG	✓	✓	✓			GROUP3
Egypt	Mobinil	EGYAR	✓	✓	✓	✓		GROUP3
Egypt	Etisalat	EGYEM	✓	✓	✓			GROUP3
Egypt	Vodafone	EGYMS	✓	✓	✓	✓		GROUP2
El Salvador	Digicel	SLVDC	✓					GROUP3
El Salvador	Claro	SLVTP	✓	✓	✓			GROUP3
Estonia	EMT	ESTEM	✓	✓	✓	✓		GROUP3
Estonia	Elisa Eesti	ESTRE	✓	✓	✓	✓		GROUP3
Eswatini	Mobile	SWZ02	✓	✓	✓			AFR
Eswatini	MTN	SWZMN	✓	✓				AFR
Ethiopia	ETMTN	ETH01	✓	✓	✓	✓		GROUP4
Faroe Islands	Faroese Telecom	FROFT	✓	✓	✓	✓		GROUP2
Faroe Islands	Islands	FROKA	✓	✓	✓	✓		GROUP3
Fiji	Digicel Fiji	FJIDP	✓	✓	✓	✓		GROUP4
FIJI	Vodafone	FJIVF	✓	✓	✓	✓		GROUP2
Finland	Alands Telekommunikati on	FINAM	✓	✓	✓			GROUP3
Finland	Elisa Corporation	FINRL	✓	✓	✓			GROUP3
Finland	Telia Finland Oyj	FINTF	✓	✓	✓	✓		GROUP3
France	Orange	FRAF1	✓	✓	✓			GROUP2
France	SFR	FRAF2	✓	✓	✓	✓		GROUP2
France	Bouygues	FRAF3	✓	✓	✓			GROUP2
France	Free Mobile	FRAFM	✓	✓	✓	✓		GROUP2
French Guyana	Digicel	FRAF4	✓					GROUP4
French Guyana	Télécom	GUF01	✓	✓	✓			GROUP4
French Polynesia	Airtel	FRATK	✓	✓	✓	✓		GROUP4
French Polynesia	Polynesia	PYFVF	✓	✓	✓			GROUP2
Gabon	Airtel	GABCT	✓	✓	✓			GROUP3
Gabon	Etisalat	GABTL	✓					GROUP3
Gambia	Gamcell	GMB01	✓					GROUP3
Gambia	Africell	GMBAC	✓	✓	✓	✓		GROUP3
Georgia	Magticom Ltd	GEOMA	✓	✓	✓	✓		GROUP4
Georgia	Veon Georgia	GEOMT	✓	✓	✓	✓		GROUP3
Germany	T-Mobile	DEUD1	✓	✓	✓			GROUP2
Germany	Vodafone	DEUD2	✓	✓	✓	✓		GROUP2
Ghana	Glo Mobile Ghana	GHAGM	✓	✓	✓			GROUP1
Ghana	Vodafone	GHAGT	✓	✓	✓	✓		AFR

Ghana	Tigo	GHAMT	✓	✓	✓			GROUP1
Ghana	MTN- Scanco Ltd	GHASC	✓	✓	✓			GROUP1
Ghana	Airtel	GHAZN	✓	✓	✓			GROUP1
Gibraltar	Limited	GIBGT	✓	✓	✓			GROUP3
Greece	Cosmote	GRCCO	✓	✓	✓	✓		GROUP3
Greece	Vodafone	GRCPF	✓	✓	✓	✓		GROUP2
Greenland	A/S	GRLTG	✓	✓	✓	✓		GROUP4
Grenada	Wireless	GRDCW	✓	✓	✓			GROUP4
Grenada	Digicel	JAMDC	✓	✓				GROUP4
Guadeloupe	Digicel	FRAF4	✓					GROUP4
Guam	Docomo Pacific	GUMHT	✓	✓	✓			GROUP4
Guatemala	COMCEL	GTMCM	✓	✓	✓	✓		GROUP4
Guatemala	Claro	GTMSC	✓	✓	✓	✓		GROUP4
Guinea	Telecel	GIN03	✓					GROUP4
Guinea	Cellcom	GIN07	✓					GROUP4
Guinea	Guinea	GINAG	✓	✓	✓			GROUP4
Guinea	Orange	INGS	✓					GROUP4
Guinea-Bissau	MTN	GNBSB	✓	✓	✓			GROUP1
Guyana	Digicel	GUYUM	✓	✓	✓			GROUP4
Guyana	Telephone &	GUYGT	✓	✓	✓			GROUP4
Haiti	Voila	HTICL	✓					GROUP4
Honduras	Claro	HNDME	✓	✓	✓			GROUP3
Hong Kong	Hutchison	HKGH3	✓	✓	✓	✓		GROUP3
Hong Kong	Hutchison	HKGHT	✓	✓	✓			GROUP3
Hong Kong	HKT	HKGM3	✓	✓	✓			GROUP3
Hong Kong	China Mobile	HKGPP	✓	✓	✓	✓		GROUP3
Hong Kong	Smartone	HKGSM	✓	✓	✓	✓		GROUP3
Hong Kong	CSL	HKGTC	✓	✓	✓			GROUP3
Hungary	Telenor	HUNH1	✓	✓	✓	✓		GROUP3
Hungary	T-Mobile	HUNH2	✓	✓	✓	✓		GROUP3
Hungary	Vodafone	HUNVR	✓	✓	✓			GROUP2
Iceland	Vodafone	ISLTL	✓	✓	✓	✓		GROUP3
India	Andhra P.	IND07	✓	✓	✓	✓		GROUP4
India	Airtel UP EAST	IND10	✓	✓	✓	✓		GROUP4
India	Airtel Orissa	IND11	✓	✓	✓	✓		GROUP4
India	Airtel Bihar	IND12	✓	✓	✓	✓		GROUP4
India	Bengal	IND14	✓	✓	✓	✓		GROUP4
India	Airtel Assam	IND15	✓	✓	✓	✓		GROUP4
India	Airtel North East	IND16	✓	✓	✓	✓		GROUP4
India	Airtel Mumbai	INDA1	✓	✓	✓	✓		GROUP4
India	Maharashtra	INDA2	✓	✓	✓	✓		GROUP4
India	Airtel Gujarat	INDA3	✓	✓	✓	✓		GROUP4
India	Airtel Tamilnadu	INDA4	✓	✓	✓	✓		GROUP4
India	Airtel Haryana	INDA5	✓	✓	✓	✓		GROUP4
India	Pradesh	INDA6	✓	✓	✓			GROUP4

India	Airtel Kerala	INDA7	✓	✓	✓	✓		GROUP4
India	Pradesh	INDA8	✓	✓	✓	✓		GROUP4
India	Airtel Punjab	INDA9	✓	✓	✓	✓		GROUP4
India	Airtel Delhi	INDAT	✓	✓	✓	✓		GROUP4
India	Loop	INDB1	✓	✓	✓			GROUP4
India	Gujarat	INDBI	✓	✓	✓	✓		GROUP4
India	Vodafone - Kerala	INDBK	✓	✓	✓	✓		GROUP2
India	Airtel Himachal Prade	INDBL	✓	✓	✓	✓		GROUP4
India	Vodafone - Mah. & Goa	INDBM	✓	✓	✓	✓		GROUP2
India	Vodafone Maharashtra	INDBO	✓	✓	✓	✓		GROUP4
India	Vodafone - Tamil Nadu	INDBT	✓	✓	✓	✓		GROUP2
India	Vodafone - Kolkata	INDCC	✓	✓	✓	✓		GROUP2
India	Vodafone -Delhi	INDE1	✓	✓	✓	✓		GROUP2
India	Haryana	INDEH	✓	✓	✓	✓		GROUP4
India	Vodafone Kerala	INDEK	✓	✓	✓	✓		GROUP4
India	Vodafone UP West	INDEU	✓	✓	✓	✓		GROUP4
India	Vodafone - Gujarat	INDF1	✓	✓	✓	✓		GROUP3
India	Airtel - Assam, Rajasthan, NE	INDH1	✓	✓	✓	✓		GROUP4
India	Vodafone - Mumbai	INDHM	✓	✓	✓	✓		GROUP2
INDIA	Vodafone Bihar	INDIB	✓	✓	✓	✓		GROUP4
India	Vodafone Delhi	INDID	✓	✓	✓			GROUP4
India	Himachal P.	INDIH	✓	✓	✓	✓		GROUP4
India	Vodafone Kolkata	INDIK	✓	✓	✓			GROUP4
India	Vodafone Mumbai	INDIM	✓	✓		✓		GROUP4
India	Vodafone Orissa	INDIO	✓	✓		✓		GROUP4
India	Vodafone Rajasthan	INDIR	✓	✓	✓	✓		GROUP4
India	Vodafone Tamilnadu	INDIT	✓	✓		✓		GROUP4
India	Vodafone UP East	INDIU	✓	✓	✓	✓		GROUP4
India	Vodafone West Bengal	INDIW	✓	✓		✓		GROUP4
India	Airtel Karnataka	INDJB	✓	✓	✓	✓		GROUP4
India	Airtel Andhra P.	INDJH	✓	✓	✓	✓		GROUP4
India	Madhya P.	INDMP	✓	✓	✓	✓		GROUP4
India	Airtel Kolkata	INDMT	✓	✓	✓	✓		GROUP4
India	Telecom (RTL)	INDRM	✓	✓	✓			GROUP4

India	Airtel Chennai	INDSC	✓	✓	✓	✓		GROUP4
India	Karnataka	INDSK	✓	✓		✓		GROUP4
India	Vodafone Punjab	INDSP	✓	✓	✓	✓		GROUP4
India	Tata TeleServices AP	INDT0	✓	✓	✓			GROUP4
India	Tata TeleServices Karnataka	INDT1	✓	✓	✓			GROUP4
India	Tata TeleServices Tamil Nadu	INDT2	✓	✓	✓			GROUP4
India	Tata TeleServices Kerala	INDT3	✓	✓	✓			GROUP4
India	Tata TeleServices HP	INDT4	✓	✓	✓			GROUP4
India	Tata TeleServices MP	INDT5	✓	✓	✓			GROUP4
India	Tata TeleServices Maharashtra	INDT6	✓	✓	✓			GROUP4
India	Tata TeleServices UP East	INDT7	✓	✓	✓			GROUP4
India	Tata TeleServices UP West	INDT8	✓	✓	✓			GROUP4
India	Tata TeleServices RO WB	INDT9	✓	✓	✓			GROUP4
India	Tata TeleServices Bihar	INDTB	✓	✓	✓			GROUP4
India	Tata TeleServices Delhi	INDTD	✓	✓	✓			GROUP4
India	Tata TeleServices Gujarat	INDTG	✓	✓	✓			GROUP4
India	Tata TeleServices Haryana	INDTH	✓	✓	✓			GROUP4
India	Tata TeleServices Kolkata	INDTK	✓	✓	✓			GROUP4
India	Tata TeleServices Mumbai	INDTM	✓	✓	✓			GROUP4
India	Tata TeleServices Orissa	INDTO	✓	✓	✓			GROUP4
India	Tata TeleServices Punjab	INDTP	✓	✓	✓			GROUP4
India	Tata TeleServices Rajasthan	INDTR	✓	✓	✓			GROUP4

India	CellOne (BSNL) West Bengal	INDWB	✓	✓	✓			GROUP4
Indonesia	3 (Tri)	IDN89	✓	✓				GROUP3
Indonesia	XL Axiata	IDNEX	✓	✓	✓	✓		GROUP3
Indonesia	AXIS	IDNLT	✓	✓	✓			GROUP3
Indonesia	Telkomsel	IDNTS	✓	✓	✓			GROUP3
Iran	MCI	IRN11	✓	✓	✓			GROUP2
Iran	RighTel	IRNTT	✓	✓	✓			GROUP2
Iraq	Asiacell	IRQAC	✓					GROUP4
Iraq	Zain	IRQAT	✓	✓	✓			GROUP4
Iraq	Korek Telecom	IRQKK	✓	✓	✓	✓		GROUP4
Ireland	THREE	IRLDF	✓	✓	✓			GROUP3
Ireland	Vodafone	IRLEC	✓	✓	✓			GROUP2
Ireland	THREE	IRLH3	✓	✓	✓	✓		GROUP3
Israel	Orange	ISR01	✓	✓	✓			GROUP2
Israel	Cellcom	ISRCL	✓	✓	✓			GROUP2
Israel	Hot Mobile	ISRMS	✓	✓	✓	✓		GROUP2
Israel	Pelephone	ISRPL	✓	✓	✓	✓		GROUP2
Italy	TIM - Maritime	ITAGT	✓					GROUP3
Italy	Vodafone	ITAOM	✓	✓	✓	✓		GROUP2
Italy	TIM	ITASI	✓	✓	shutdown	✓		GROUP3
Italy	WINDTRE	ITAWI	✓	✓				GROUP3
Ivory Coast	Etisalat	CIV02	✓	✓	✓			GROUP3
Ivory Coast	Orange	CIV03	✓	✓	✓			GROUP3
Jamaica	Cable and Wireless	JAMCW	✓					GROUP4
Jamaica	Digicel	JAMDC	✓	✓	✓			GROUP4
Japan	nttDoCoMo	JPND0	✓	✓	✓			GROUP4
Japan	Softbank	JPNJP	✓	✓	✓	✓		GROUP4
Jordan	Zain	JORFL	✓	✓	✓	✓		GROUP2
Jordan	Orange	JORMC	✓	✓	✓	✓		GROUP2
Jordan	Umniah	JORUM	✓	✓	✓	✓		GROUP2
Kazakhstan	Beeline	KAZKT	✓	✓	✓	✓		GROUP2
Kenya	Airtel	KENKC	✓	✓	✓	✓		GROUP1
Kenya	Safaricom	KENSA	✓	✓	✓			AFR
Kenya	Orange	KENTK	✓					GROUP1
Kiribati	Telecom	KIRKL	✓	✓	✓			GROUP4
Korea, Republic of	KT 3G 2100	KORKF	✓	✓	✓	✓		GROUP2
Korea, Republic of	SK Telecom	KORSK	✓	✓	✓			GROUP3
Kosovo	IPKO	K0001	✓	✓	✓	✓		GROUP3
Kuwait	Viva	KWTKT	✓	✓	✓	✓		GROUP4
Kuwait	Zain	KWTMT	✓	✓	✓	✓		GROUP4
Kyrgyzstan	Sky Mobile	KGZ01	✓	✓	✓	✓		GROUP4
Kyrgyzstan	Alfa	KGZMC	✓	✓	✓	✓		GROUP4
Laos	Lao Telecom	LAOTC	✓	✓	✓			GROUP1
Laos	Vimpelcom Lao C	LAOTL	✓	✓	✓			GROUP1



Latvia	LMT	LVALM	✓	✓				GROUP4
Lebanon	MIC 1	LBNFL	✓	✓	✓			GROUP3
Lebanon	Touch	LBNLC	✓	✓	✓			GROUP3
Lesotho	Econet	LSOET	✓					GROUP1
Lesotho	Vodacom	LSOVL	✓	✓	✓			AFR
Liberia	Orange	LBR07	✓	✓	✓			GROUP1
Liberia	Novafone	LBRCM	✓					GROUP1
Liberia	Lonestar	LBRLC	✓	✓	✓			GROUP1
Libya	Al Madar	LBY01	✓	✓	✓			GROUP4
Libya	Libyana	LBYLM	✓	✓	✓			GROUP4
Liechtenstein	TL1	LIEMK	✓	✓	✓	✓		GROUP3
Liechtenstein	Salt	LIEVE	✓	✓	✓	✓		GROUP3
Lithuania	Bite	LTU03	✓					GROUP4
Lithuania	Bite	LTUOM	✓	✓	✓	✓		GROUP4
Luxembourg	Luxembourg	LUXPT	✓	✓	✓	✓		GROUP3
Luxembourg	Tango	LUXTG	✓	✓	✓			GROUP3
Luxembourg	Orange	LUXVM	✓					GROUP3
Macau	CTM	MACCT	✓	✓	✓	✓		GROUP3
Macau	SmarTone	MACSM	✓	✓	✓			GROUP3
Yugoslavia)	Vip	MKDNO	✓	✓	✓	✓		GROUP4
Madagascar	Orange	MDGAN	✓	✓	✓			GROUP4
Madagascar	AIRTEL	MDGCO	✓	✓	✓	✓		AFR
Madagascar	Telma	MDGTM	✓	✓				GROUP4
Malawi	TNM	MWICP	✓	✓	✓			GROUP1
Malawi	Airtel	MWICT	✓	✓	✓	✓		AFR
Malaysia	MAXIS	MYSBC	✓	✓	shutdown	✓		GROUP4
Malaysia	CELCOM	MYSCC	✓	✓				GROUP4
Maldives	Ooredoo	MDVWM	✓	✓				GROUP4
Mali	Orange	MLI02	✓					GROUP4
Malta	Go Mobile	MLTGO	✓	✓	✓	✓		GROUP3
Malta	Epic	MLTMA	✓	✓	✓			GROUP3
Malta	Melita	MLTMM	✓	✓	✓	✓		GROUP3
Malta	Epic	MLTTL	✓	✓	✓	✓		GROUP2
Martinique	Digicel	FRAF4	✓					GROUP4
Mexico	Movil	MEXIU	✓	✓	✓			GROUP2
Mexico	Movistar	MEXMS	✓	✓	✓			GROUP3
Mexico	Telcel	MEXTL	✓	✓	✓			GROUP3
Moldova	Moldcell	MDAMC	✓	✓	✓	✓		GROUP3
Moldova	MoldTelecom	MDAUN	✓	✓	✓	✓		GROUP3
Monaco	Monaco Telecom	MCOM1	✓	✓	✓	✓		GROUP4
Monaco	Monaco Telecom	MCOM2	✓	✓	✓	✓		GROUP4
Mongolia	Unitel	MNGMN	✓	✓	✓			GROUP4
Mongolia	Skytel	MNGSK	✓	✓	✓			GROUP4
Montenegro	MTEL	MNEMT	✓	✓	✓			GROUP3

Montserrat	Wireless	MSRCW	✓	✓	✓			GROUP4
Morocco	Wana	MARM3	✓	✓	✓	✓		GROUP4
Morocco	Meditel	MARMT	✓	✓	✓			GROUP4
Myanmar	MPT	MMRPT	✓	✓	✓			GROUP3
Namibia	MTC	NAM01	✓	✓	✓			GROUP1
Namibia	Tn Mobile	NAM03	✓	✓	✓			GROUP1
Nepal	NCELL	NPLM2	✓	✓	✓			GROUP4
Netherlands	Vodafone	NLDLT	✓	✓	✓	✓		GROUP2
Netherlands	T-MOBILE	NLDPN	✓	✓				GROUP3
Netherlands	KPN	NLDPT	✓	✓				GROUP3
New Caledonia	OPT	NCLPT	✓	✓	✓			GROUP4
New Zealand	Vodafone	NZLBS	✓	✓		✓		GROUP2
Nicaragua	Claro	NICEN	✓	✓	✓	✓		GROUP4
Niger	AIRTEL	NERCT	✓	✓	✓	✓		GROUP1
Niger	Orange	NEROR	✓	✓	✓			GROUP3
Niger	Moov-Etisalat	NERTL	✓	✓				GROUP1
Nigeria	Airtel	NGAET	✓	✓	✓	✓		GROUP1
Nigeria	Glo mobile	NGAGM	✓					GROUP1
Nigeria	MTN	NGAMN	✓					GROUP3
Northern Mariana Islands	Pacific Telecom	USAGU	✓	✓	✓	✓		GROUP3
Norway	Telia	NORNC	✓	✓	✓			GROUP3
Norway	Mobile Norway	NORNN	✓	✓	✓			GROUP3
Norway	Telenor	NORTM	✓	✓	✓			GROUP3
Oman	Omantel	OMNGT	✓	✓	✓	✓		GROUP4
Pakistan	Mobilink	PAKMK	✓	✓	✓			GROUP3
Pakistan	Telenor	PAKTP	✓					GROUP3
Pakistan	Ufon	PAKUF	✓	✓				GROUP3
Pakistan	Warid	PAKWA	✓	✓				GROUP3
Panama	Claro	PANCL	✓	✓	✓	✓		GROUP4
Panama	Cable & Wireless	PANCW	✓					GROUP4
Panama	Digicel	PANDC	✓					GROUP4
Guinea	Digicel	PNGDP	✓	✓	✓	✓		GROUP4
Guinea	bmobile	PNGPM	✓	✓				GROUP4
Guinea	Vodafone	PNGVF	✓	✓	✓			GROUP2
Paraguay	Claro	PRYHT	✓	✓	✓	✓		GROUP4
Peru	Claro	PERTM	✓	✓	✓			GROUP4
Philippines	Globe	PHLGT	✓	✓	✓			GROUP4
Philippines	Smart	PHLSR	✓	✓	✓			GROUP2
Poland	T-MOBILE	POL02	✓	✓	✓	✓		GROUP3
Poland	Orange	POL03	✓					GROUP4
Poland	Plus	POLKM	✓	✓	✓			GROUP4
Poland	P4	POLP4	✓	✓	✓			GROUP4
Portugal	NOS	PRTOP	✓	✓	✓			GROUP3
Portugal	Vodafone	PRTTL	✓	✓	✓	✓		GROUP2
Portugal	MEO	PRTTM	✓	✓	✓			GROUP3
Puerto Rico	Claro	PRICL	✓	✓	✓	✓		GROUP4
Qatar	Vodafone	QATB1	✓	✓	✓	✓		GROUP2
Qatar	Ooredoo	QATQT	✓	✓	✓			GROUP2

Mauritius	Orange	MUSCP	✓	✓	✓	✓		GROUP1
Republic of Mauritius	Emtel	MUSEM	✓	✓	✓	✓		AFR
Mauritius	MTML	MUSMT	✓	✓	✓	✓		GROUP1
Reunion	Reunionnaise de	FRARE	✓	✓	✓			GROUP1
Reunion	Orange	REU02	✓	✓	✓	✓		GROUP3
Romania	Vodafone	ROMMF	✓	✓	✓	✓		GROUP2
Russian Federation	MTS	RUS01	✓	✓	✓			GROUP4
Russian Federation	NTC	RUS16	✓	✓	✓			GROUP4
Russian Federation	Beeline	RUSB	✓	✓	✓			GROUP2
Federation	MegaFon	RUSNW	✓	✓	✓			GROUP4
Federation	Tele2	RUST2	✓	✓	✓			GROUP4
Rwanda	Airtel	RWAAR	✓	✓	✓			GROUP1
Rwanda	MTN	RWAMN	✓					GROUP1
Rwanda	Tigo	RWATG	✓	✓	✓			GROUP1
Nevis	Digicel	JAMDC	✓	✓				GROUP4
Nevis	Cable & Wireless	KNACW	✓	✓	✓			GROUP4
Saint Lucia	Digicel	JAMDC	✓	✓				GROUP4
Saint Lucia	Cable & Wireless	LCACW	✓	✓	✓			GROUP4
Saint Vincent and the Grenadines	Digicel	JAMDC	✓	✓				GROUP4
the Grenadines	Cable & Wireless	VCTCW	✓		✓			GROUP4
Samoa		ASMAS	✓					GROUP4
Samoa	Digicel	WSMDP	✓	✓	✓			GROUP4
Samoa	Vodafone	WSMGS	✓	✓	✓			GROUP2
Sao Tome and Principe	CST	STPST	✓	✓	✓			GROUP3
Saudi Arabia	STC	SAUAJ	✓	✓	✓			GROUP2
Saudi Arabia	Mobily	SAUET	✓	✓	✓	✓		GROUP3
Saudi Arabia	Zain	SAUZN	✓	✓	✓	✓		GROUP2
Senegal	SONATEL	SENAZ	✓	✓	✓			GROUP1
Senegal	Sentel	SENSG	✓	✓	✓			GROUP1
Serbia	VIP	SRBNO	✓	✓	✓	✓		GROUP4
Serbia	Telenor	YUGMT	✓					GROUP4
Serbia	Telekom Srbija	YUGTS	✓	✓	✓			GROUP4
Seychelles	Airtel	SYCAT	✓	✓	✓			AFR
Seychelles	Cable & Wireless	SYCCW	✓					GROUP1
Sierra Leone	Africell	SLEAC	✓	✓	✓			GROUP3
Sierra Leone	Airtel	SLECT	✓	✓	✓	✓		GROUP3
Singapore	M1	SGPM1	✓	✓	✓			GROUP3
Singapore	STARHUB	SGPSH	✓					GROUP3
Singapore	Singtel Mobile Singapore Pte Ltd	SGPST	✓	✓	✓	✓		GROUP3
Slovakia	Slovak Telekom	SVKET	✓	✓	✓	✓		GROUP3
Slovakia	Orange	SVKGT	✓					GROUP4
Slovenia	SI.mobil	SVNSM	✓	✓	✓	✓		GROUP4
Slovenia	Tusmobil	SVNVG	✓	✓	✓			GROUP4
Solomon Islands	Bmobile	SLBBM	✓	✓	✓			GROUP4

Somalia	Hormuud Telecom	SOMHI	✓					GROUP3
South Africa	Cell C	ZAFCC	✓	✓	✓			GROUP1
South Africa	MTN	ZAFMN	✓	✓	✓			GROUP1
South Africa	8ta	ZAFTM	✓	✓				GROUP1
South Africa	Vodacom	ZAFVC	✓	✓	✓	✓		AFR
South Sudan	Zain	SSDZS	✓					GROUP4
Spain	Vodafone	ESPAT	✓	✓	✓	✓		GROUP2
Spain	Orange	ESPRT	✓	✓	✓			GROUP3
Spain	Movistar	ESPTTE	✓	✓	✓	✓		GROUP3
Sri Lanka	Mobitel	LKA71	✓	✓	✓	✓		GROUP4
Sri Lanka	Etisalat	LKACT	✓	✓				GROUP4
Sri Lanka	Dialog	LKADG	✓	✓	✓			GROUP4
Sri Lanka	Hutchison	LKAHT	✓	✓	✓			GROUP4
Suriname	Digicel	SURDC	✓	✓	✓			GROUP3
Sweden	Telenor	SWEEP	✓	✓	✓			GROUP2
Sweden	3 (Three)	SWEHU	✓	✓	✓	✓		GROUP3
Sweden	Telia	SWETR	✓	✓	✓	✓		
Switzerland	Swisscom	CHEC1	✓	✓	✓			GROUP4
Switzerland	Sunrise	CHEDX	✓	✓	✓			GROUP3
Switzerland	Orange	CHEOR	✓	✓	✓	✓		GROUP4
Taiwan	Far EasTone	TWNFE	✓	✓	✓	✓		GROUP3
Taiwan	Taiwan Mobile	TWNPC	✓	✓	✓			GROUP2
Tajikistan	tcell	TJK01	✓	✓	✓			GROUP4
Tajikistan	(Tacom)	TJK91	✓	✓	✓			GROUP4
Tajikistan	Beeline	TJKBD	✓	✓	✓			GROUP4
Tajikistan	tcell	TJKIT	✓					GROUP4
Tanzania	Airtel	TZACT	✓	✓	✓	✓		GROUP1
Tanzania	tigo	TZAMB	✓	✓	✓			GROUP1
Tanzania	Vodacom	TZAVC	✓	✓	✓	✓		AFR
Tanzania	Smart	TZAYA	✓	✓	✓			GROUP1
Tanzania	Zantel	TZAZN	✓	✓	✓			GROUP1
Thailand	True Move	THACA	✓	✓	✓			GROUP3
Thailand	True Move	THACO	✓	✓	✓			GROUP3
Thailand	True Move	THACT	✓	✓	✓			GROUP3
Thailand	AWN	THAWN	✓	✓	✓			GROUP3
Togo	Moov	TGOTL	✓	✓	✓	✓		GROUP1
Tonga	Digicel	TONDP	✓	✓	✓	✓		GROUP4
Tobago	Digicel	JAMDC	✓	✓				GROUP4
Tobago	Digicel	TTODL	✓	✓	✓			GROUP4
Tunisia	Orange	TUNOR	✓	✓	✓			GROUP3
Tunisia	Ooredoo	TUNTA	✓	✓	✓	✓		GROUP3
Tunisia	Tunisie Telecom	TUNTT	✓	✓	✓			GROUP3
Turkey	Turkcell	TURTC	✓	✓	✓			GROUP3
Turkey	Vodafone	TURTS	✓	✓	✓	✓		GROUP2
Turkmenistan	MTS	TKMBC	✓		✓			GROUP4
Islands	Digicel	JAMDC	✓	✓				GROUP4

Islands	Cable & Wireless	TCACW	✓	✓	✓			GROUP4
Uganda	Airtel	UGACE	✓	✓	✓	✓		GROUP1
Uganda	MTN	UGAMN	✓	✓	✓			GROUP1
Uganda	Africell	UGAOR	✓	✓	✓			GROUP1
Uganda	Warid	UGAWT	✓					GROUP3
Ukraine	life:)	UKRAS	✓	✓	✓			GROUP4
Ukraine	MTS	UKRUM	✓					GROUP4
Ukraine	3Mob	UKRUT	✓	✓	✓			GROUP4
United Arab Emirates	Du	AREDU	✓	✓	✓			GROUP2
Emirates	Etisalat	ARETC	✓	✓	✓			GROUP4
United Kingdom	Jersey Airtel (Jersey) Limited	GBRAJ	✓					GROUP3
United Kingdom	Ltd	GBRHU	✓	✓	✓	✓		GROUP3
United Kingdom	Jersey Telecom	GBRJT	✓	✓	✓			GROUP3
United Kingdom	EE (former T-Mobile)	GBRME	✓	✓	✓			GROUP3
United Kingdom	Manx Telecom	GBRMT	✓	✓	✓	✓		GROUP3
United Kingdom	Vodafone	GBRVF	✓	✓	✓	✓		GROUP2
United States	AT&T	USAAT	shutdown	shutdown				GROUP2
United States	AT&T	USABS	shutdown	shutdown				GROUP2
United States	Cincinnati Bell	USACB	✓	✓				GROUP3
United States		USACC	shutdown	shutdown				GROUP1
United States	Commnet	USACD	✓	✓	✓			GROUP2
United States	AT&T	USACG	shutdown	shutdown	shutdown	✓	✓	GROUP2
United States	Commnet Wireless	USACO	✓	✓	✓	✓		GROUP3
United States	AT&T	USAFN	shutdown	shutdown	shutdown			GROUP2
United States	AT&T	USAMF	shutdown	shutdown	shutdown			GROUP2
United States	AT&T	USAPB	shutdown	shutdown	shutdown			GROUP3
United States	T-MOBILE	USAW6	✓	✓	✓	✓		GROUP2
Uruguay	Claro	URYAM	✓					GROUP3
Uruguay	ANTEL	URYAN	✓	✓	✓	✓		GROUP3
Uzbekistan	Uzbektelecom	UZB00	✓	✓	✓			GROUP4
Uzbekistan	UMS	UZB07	✓					GROUP4
Uzbekistan	L	UZBDU	✓	✓	✓			GROUP4
Vanuato	DIGICEL	VUTDP	✓	✓	✓			GROUP4
Vietnam	VinaPhone	VNMVI	✓	✓	✓	✓		GROUP4
Vietnam	Viettel	VNMVT	✓	✓	✓			GROUP4
Zambia	MTN	ZMB02	✓	✓	✓			GROUP1
Zambia	Airtel	ZMBCE	✓	✓	✓	✓		AFR
Zambia	Zamtel	ZMBCZ	✓	✓	✓	✓		GROUP1
Zimbabwe	econet	ZWEET	✓	✓	✓			GROUP1
Zimbabwe	Telecel	ZWEN3	✓	✓	✓	✓		AFR