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Place des Nations CH-1211
Genève 20 (Switzerland)
Tel: +41 22 730 5111
E-mail: itumail@itu.int

Standardization Bureau (TSB)
Tel: +41 22 730 5211
Fax: +41 22 730 5853
E-mail: tsbmail@itu.int / tsbtson@itu.int

Radiocommunication Bureau (BR)
Tel: +41 22 730 5560
Fax: +41 22 730 5785
E-mail: brmail@itu.int

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<i>Dates of publication of the next Operational Bulletins</i>		<i>Including information received by:</i>
1129	1.VIII.2017	17.VII.2017
1130	15.VIII.2017	1.VIII.2017
1131	1.IX.2017	16.VIII.2017
1132	15.IX.2017	1.IX.2017
1133	1.X.2017	15.IX.2017
1134	15.X.2017	29.IX.2017
1135	1.XI.2017	16.X.2017
1136	15.XI.2017	31.X.2017
1137	1.XII.2017	15.XI.2017
1138	15.XII.2017	1.XII.2017

GENERAL INFORMATION

Lists annexed to the ITU Operational Bulletin

Note from TSB

A. The following Lists have been published by TSB or BR as Annexes to the ITU Operational Bulletin (OB):

OB No.

- 1125 List of Signalling Area/Network Codes (SANC) (Complement to Recommendation ITU-T Q.708 (03/99)) (Position on 1 June 2017)
- 1125 List of terrestrial trunk radio mobile country codes (Complement to Recommendation ITU-T E.218 (05/2004)) (Position on 1 June 2017)
- 1117 List of mobile country or geographical area codes (Complement to Recommendation ITU-T E.212 (09/2016)) (Position on 1 February 2017).
- 1114 List of Recommendation ITU-T E.164 assigned country codes (Complement to Recommendation ITU-T E.164 (11/2010)) (Position on 15 December 2016)
- 1111 Mobile Network Codes (MNC) for the international identification plan for public networks and subscriptions (According to Recommendation ITU-T E.212 (09/2016)) (Position on 1 November 2016)
- 1109 List of International Signalling Point Codes (ISPC) (According to Recommendation ITU-T Q.708 (03/99)) (Position on 1 October 2016)
- 1096 Legal time 2016
- 1088 List of Issuer Identifier Numbers for the International Telecommunication Charge Card (In accordance with Recommendation ITU-T E.118 (05/2006)) (Position on 15 November 2015)
- 1060 List of ITU Carrier Codes (According to ITU-T Recommendation M.1400 (03/2013)) (Position on 15 September 2014)
- 1055 Status of Radiocommunications between Amateur Stations of Different Countries (In accordance with optional provision No. 25.1 of the Radio Regulations) and Form of Call Signs assigned by each Administration to its Amateur and Experimental Stations (Position on 1 July 2014)
- 1015 Access codes/numbers for mobile networks (According to ITU-T Recommendation E.164 (11/2010)) (Position on 1 November 2012)
- 1002 List of Country or Geographical Area Codes for non-standard facilities in telematic services (Complement to ITU-T Recommendation T.35 (02/2000)) (Position on 15 April 2012)
- 1001 List of the national authorities designated to assign ITU-T Recommendation T.35 terminal provider codes (Position on 1 April 2012)
- 1000 Service Restrictions (Recapitulatory list of service restrictions in force relating to telecommunications operation) (Position on 15 March 2012)
- 994 Dialling Procedures (International prefix, national (trunk) prefix and national (significant) number) (In accordance with ITU-T Recommendation E.164 (11/2010)) (Position on 15 December 2011)
- 991 Call-Back and alternative calling procedures (Res. 21.PP-2006)
- 980 List of Telegram Destination Indicators (In accordance with ITU-T Recommendation F.32 (10/1995)) (Position on 15 May 2011)
- 978 List of Telex Destination Codes (TDC) and Telex Network Identification Codes (TNIC) (Complement to ITU-T Recommendations F.69 (06/1994) and F.68 (11/1988)) (Position on 15 April 2011)
- 977 List of Data Network Identification Codes (DNIC) (According to ITU-T Recommendation X.121 (10/2000))
- 976 List of Data Country or Geographical Area Codes (Complement to ITU-T Recommendation X.121 (10/2000)) (Position on 15 March 2011)
- 974 List of Names of Administration Management Domains (ADMD) (In accordance with ITU-T F.400 and X.400 series Recommendations) (Position on 15 February 2011)
- 955 Various tones used in national networks (According to ITU-T Recommendation E.180 (03/98)) (Position on 1 May 2010)
- 669 Five-letter Code Groups for the use of the International Public Telegram Service (According to ITU-T Recommendation F.1 (03/1998))

B. The following Lists are available online from the ITU-T website:

- | | |
|---|--|
| List of ITU Carrier Codes (ITU-T Rec. M.1400 (03/2013)) | www.itu.int/ITU-T/inr/icc/index.html |
| Bureaufax Table (ITU-T Rec. F.170) | www.itu.int/ITU-T/inr/bureaufax/index.html |
| List of recognized operating agencies (ROAs) | www.itu.int/ITU-T/inr/roa/index.html |

Approval of ITU-T Recommendations

By TSB Circular 31 of 20 June 2017, it was announced that the following ITU-T Recommendations were approved, in accordance with the procedures outlined in Resolution 1:

- ITU-T K.44 (05/2017): Resistibility tests for telecommunication equipment exposed to overvoltages and overcurrents - Basic Recommendation
- ITU-T L.1315 (05/2017): Standardization terms and trends in energy efficiency

Telephone Service (Recommendation ITU-T E.164)

url: www.itu.int/itu-t/inr/nnp

Denmark (country code +45)

Communication of 30.VI.2017:

The *Danish Energy Agency*, Copenhagen, announces the following updates to the national numbering plan of Denmark:

- assignment – M2M-communication services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
SimService A/S	37100125ijkl	22.VI.2017

- assignment – Mobile communication services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
Telenor A/S	344defgh, 4740efgh, 4741efgh, 4742efgh, 4743efgh and 4744efgh	1.VII.2017

- assignment – Fixed communication services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of assignment</i>
Telus ApS	70407fgh, 70507fgh, 70607fgh and 70907fgh	1.VII.2017

- withdrawal – Fixed communication services

<i>Provider</i>	<i>Numbering series</i>	<i>Date of withdrawal</i>
Telus ApS	57570fgh, 57571fgh, 57572fgh, 57573fgh, 57574fgh, 57576fgh, 72720fgh, 72721fgh, 72722fgh, 72723fgh, 72724fgh, 72725fgh, 72726fgh, 72728fgh and 72729fgh	30.VI.2017

Contact:

Danish Energy Agency
Amaliegade 44
1256 COPENHAGEN K
Denmark
Tel: +45 33 92 67 00
Fax: +45 33 11 47 43
E-mail: ens@ens.dk
URL: www.ens.dk

Egypt (country code +20)

Communication of 19.VI.2017:

The *National Telecommunication Regulatory Authority (NTRA)*, Cairo, announces the following updates to the National Numbering Plan for Egypt:

- assignment of number series:

NDC (national destination code) or leading digits of N(S)N (national (significant) number)	N(S)N number length		Usage of ITU-T E.164 number	Additional information
	Maximum length	Minimum length		
1550 XXX XXX	10	10	Non-geographic number - Mobile telephony service	4G licence issued to Telecom Egypt
1555 XXX XXX	10	10	Non-geographic number - Mobile telephony service	4G licence issued to Telecom Egypt

Contact:

Ms Yasmina Alaa
 Manager, numbering management
 National Telecommunication Regulatory Authority (NTRA)
 Smart Village, Building No. 4
 Alex Desert Road, Kilo 28
 6th of October Governorate
 CAIRO
 Egypt
 Tel: +20 2 3534 4239
 Fax: +20 2 3534 4155
 E-mail: yasminaa@tra.gov.eg
 URL: www.ntra.gov.eg

Kiribati (country code +686)

Communication of 27.VI.2017:

The *Communications Commission of Kiribati (CCK)*, Betio, Tarawa, announces updates to the National Numbering Plan of Kiribati.

Table – Description of number change for national ITU-T E.164 numbering plan for country code 686: Kiribati

Communicated time and date of change	N(S)N		Usage of E.164 number	Parallel running		Operator	Proposed wording of announcement
	Old number	New number		Begins	Ends		
1 Mar 2014		30000000-30009999	Overseas Operator			Epcatem Telecom	
1 Mar 2014		30010000-30019999	Overseas Operator			Phone Group	
1 July 2016		30121100-30122099	Overseas Operator			Concerotel	
1 July 2016		72000000-72001999	Post-paid, IPVPN, MBB			ATHKL	ATHKL Post-paid, IPVPN & MBB.
1 July 2016	31XXX-49XXX	75300000-75300999	Gilbert Island, Outer Island Fix	1 July 16	1 July 18	ATHKL	Gilbert Island, Outer Island fix
1 July 2016	5XXXX		Fix wireless			ATHKL	Invalid number

Communicated time and date of change	N(S)N		Usage of E.164 number	Parallel running		Operator	Proposed wording of announcement
	Old number	New number		Begins	Ends		
1 July 2016	6XXXX		GSM 2G			ATHKL	Invalid number
1 July 2016	7XXXXXXX	73000000-73059999	Cellular Mobile Services	1 July 16	1 July 18	ATHKL	ATHKL Cellular Mobile Services.
1 July 2016	20000-20999	73100000-73100999	ATHKL office Fix	1 July 16	1 July 18	ATHKL	ATHKL office fix.
1 July 2017		73140000-73140999	ATHKL Staff mobile			ATHKL	ATHKL Staff mobile
1 July 2017		74020000-74021999	ATHKL SIP IPVPN			ATHKL	ATHKL IPVPN
1 July 2016	21000-29999	75021000-75022999 75125000-75126999 75228000-75229999	Bairiki zone Betio zone Bikenibeu zone	1 July 16	1 July 18	ATHKL	ATHKL South Tarawa. FIX
1 July 2016	80XXX-84XXX	75481000-75481999	Line Island Fix	1 July 16	1 July 18	ATHKL	ATHKL Line Island Fix
1 July 2016	85XXX	75500000-75500999	Phoenix Island Fix	1 July 16	1 July 18	ATHKL	ATHKL Phoenix Island Fix
1 July 2016	9XXXX		GSM 2G			ATHKL	Invalid number
1 June 2017		62000000-62001999	Post paid wireless			Ocean Link	Ocean Link Post paid services
1 June 2017		63000000-63019999	Cellular Mobile Services			Ocean Link	Ocean Link mobile services
1 June 2017		65021000-65022999 65125000-65126999 65228000-65229999	Bairiki zone Fix Betio zone Fix Bikenibeu zone Fix			Ocean Link	Ocean Link South Tarawa Fix
1 June 2017		65300000-65300999	Outer Island Fix (Gilbert)			Ocean Link	Ocean Link Fix Gilbert Islands
1 June 2017		65400000-65400999	Line Islands Fix			Ocean Link	Ocean Link Fix Line Islands
1 June 2017		65500000-65500999	Phoenix Islands Fix			Ocean Link	Ocean Link Fix Phoenix Islands

Additional information for Gilbert Islands Outer Island fix numbering plan 31XXX – 49XXX these numbers will migrate to 75300000 – 75300999 as in the table above.

<i>Island</i>	<i>PSTN Prefix</i>
North Tarawa	31XXX-32XXX
Abaiang	33XXX
Marakei	34XXX
Butaritari	35XXX
Makin	36XXX
Banaba	37XXX
Maiana	38XXX
Kuria	39XXX

<i>Island</i>	<i>PSTN Prefix</i>
Aranuka	40XXX
Abemama	41XXX
Nonouti	42XXX
Tabiteuea North	43XXX
Tabiteuea South	44XXX
Onotoa	45XXX
Beru	46XXX
Nikunau	47XXX
Tamana	48XXX
Arorae	49XXX

Short Code:

International direct dial	00
Faults and Service Difficulties	100
Police (Child abuse & domestic against violence)	188
Police	192
Fire	193
Ambulance Bikenibeu	194
Ambulance Betio	195
Shipping information	1050
Weather information	1055
Airport information	1059
Time announcement (language 1)	1051
Time announcement (language 2)	1052

Contact:

Mr Itaaka Tebaka
 Manager Engineering
 Communications Commission of Kiribati (CCK)
 P.O. Box 529
 BETIO, TARAWA
 Kiribati
 Tel: +686 25488; Cell: +686 73004920
 E-mail: itaaka.tebaka@cck.ki
 URL: www.cck.ki

Malta (country code +356)

Communication of 20.VI.2017:

The *Malta Communications Authority (MCA)*, Floriana, announces an update of the National Numbering Plan (NNP) of Malta. The main numbering ranges are:

Service	Operator	Numbering Ranges
Fixed	GO	2100 - 2399 XXXX
		2500 - 2599 XXXX
	Melita	2700 - 2799 XXXX
	Ozone	2010 - 2019 XXXX
		2060 XXXX
		2065 XXXX 2069 XXXX
Vanilla	2031 - 2034 XXXX	
Vodafone	2090 - 2099 XXXX	
Mobile	GO Mobile	7900 - 7999 XXXX
		9889 XXXX
		7210 XXXX
	Vodafone	9900 - 9999 XXXX
		9897 XXXX
		9210 - 9211 XXXX 9231 XXXX
Melita Mobile	7700 - 7799 XXXX	
Redtouch fone	9811 - 9813 XXXX	
YOM	9696 - 9697 XXXX	

All Administrations and Recognized Operating Agencies (ROAs) are requested to urgently programme their switches to enable immediate access to these numbering ranges.

Furthermore, the National Numbering Plan is updated in real-time and is made available on the MCA website at the following link:

<http://www.mca.org.mt/regulatory/numbering/numbering-plans>

Contact:

Deborah Pisani / Claude Azzopardi
Malta Communications Authority (MCA)
Valletta Waterfront
Pinto Wharf
Floriana FRN1913
Malta
Tel: +356 2133 6840
E-mail: numbering@mca.org.mt
URL: www.mca.org.mt

Swaziland (country code +268)

Communications of 20.VI.2017 and 5.VII.2017:

The *Swaziland Communications Commission*, Mbabane, announces the introduction of new numbering resources in the national numbering plan of Swaziland:

NDC (national destination code) or leading digits of N(S)N (national (significant) number)	N(S)N number length		Usage of ITU-T E.164 number	Time and date of introduction
	Maximum length	Minimum length		
79	8	8	Non-geographic number for GSM network Operator: Swazi Mobile	2017-05-01-00:00
26	8	8	Fixed geographic number for Hhohho region for Fixed network operator Swazi Mobile	2017-07-21-00:00
27	8	8	Fixed geographic number for Manzini region for Fixed network operator Swazi Mobile	2017-07-21-00:00
28	8	8	Fixed geographic number for Lubombo region for Fixed network operator Swazi Mobile	2017-07-21-00:00
29	8	8	Fixed geographic number for Shiselweni region for Fixed network operator Swazi Mobile	2017-07-21-00:00

Contact:

Thulani Fakudze
General Manager Technical Services
Swaziland Communications Commission
P.O. Box 7811
MBABANE, H100
Swaziland
Tel: +268 24067000
E-mail: thulani.fakudze@sccom.org.sz
URL: www.sccom.org.sz

Service Restrictions

See URL: www.itu.int/pub/T-SP-SR.1-2012

<i>Country/geographical area</i>	<i>OB</i>
Seychelles	1006 (p.13)
Slovakia	1007 (p.12)
Thailand	1034 (p.5)
São Tomé and Príncipe	1039 (p.14)
Uruguay	1039 (p.14)
Hong Kong, China	1068 (p.4)

Call – Back and alternative calling procedures (Res. 21 Rev. PP – 2006)

See URL: www.itu.int/pub/T-SP-PP.RES.21-2011/

AMENDMENTS TO SERVICE PUBLICATIONS

Abbreviations used

ADD	Insert	PAR	paragraph
COL	Column	REP	replace
LIR	Read	SUP	Delete
P	page(s)		

List of Coast Stations and Special Service Stations (List IV)

Edition of 2015

(Amendment No. 3)*

BEL **Belgium**

Note A **LIR**

A Accounting authority: Ministère de la Défense, Forces Armées belges, Services Radiomaritimes, Graaf Jansdijk 1, 8380 Zeebrugge (Belgium).

TF: +32 59 255493

FAX: +32 59 255467

(Amendment No. 4)

GRC **Greece**

Notes **CES-CP** **LIR**

CS1 Land earth station (or CES - Coast earth station) operated by the Hellenic Telecommunications Organization as part of the Inmarsat Fleet 77/55/33 systems covering the Indian Ocean Region and the Atlantic Ocean-East Region.

CS2 Accounting authority: Satellite and Maritime Telecommunications S.A. (Otesat-Maritel), 8 Aegaleo Str., GR 185-45 Piraeus (Greece).

CS3 Fleet 77/55/33.

CS4 Inmarsat-C: Land earth station Burum operated by Inmarsat/Stratos.

Accounting Authority: Satellite and Maritime Telecommunications S.A. (Otesat-Maritel), 8 Aegaleo Str., GR 185-45 Piraeus (Greece).

CS5 Charge band details: Please check latest tariffs and zones, applicable by Hellenic Telecommunications Organization and Otesat-Maritel.

Notes **AAIC** **LIR**

A Accounting authority: Hellenic Telecommunications Organization S.A. (OTE), 99, Kifissias avenue, GR-151-24 Maroussi Athens (Greece).

B Radiotelegrams: Supplemented by communication category G or H below.

G Radiotelex calls (minimum 1 min: Coast station and landline charge is applicable).

H Radiotelephone calls

a) Manual operation (minimum 1 min.: Coast station and landline charge is applicable).

b) Automatic operation (minimum 1 min.: Coast station and landline charge is applicable).

* All the notes in List IV are published exclusively in English. Therefore, this amendment is presented only in English.

(Amendment No. 5)

SNG **Singapore**

Notes **CES-CP** **LIR**

CS1 Coast earth station operated by the Infocomm Media Development Authority of Singapore (IMDA) as part of the Inmarsat system covering the Pacific, Atlantic and Indian Ocean Regions.

CS2 **Inmarsat-C/Mini-C**

Charges applicable in the maritime mobile-satellite service via Burum coast earth station.

1. Telex and fax
 - a) Mobile-to-shore

SDR/256 bits			
Text to fax	Telex	Multiple addresses	
		1 st address	2 nd address
0.17	0.17	0.17	0.05 except DNK FIN G ISL NOR S SNG

- b) Mobile-to-mobile

Services	SDR/256 bits	
	Text to fax	Telex
Inmarsat-C to Inmarsat-C (POR/IOR)	–	0.17
Inmarsat-C to Inmarsat-C (AORE/AORW)	–	0.30
Inmarsat-C to Inmarsat-F77	0.54	–
Inmarsat-C to BGAN and FleetBroadband	0.57	–

2. PSDN (mobile-to-shore)
 - a) Singapore: 0.17 SDR/256 bits.
 - b) Other countries: 0.18 SDR/256 bits.
3. CPLUS charges
 - a) Shore-to-mobile
 - Messaging: 0.16 SDR/256 bits.
 - SafetyNET: 0.09 SDR/256 bits.
 - FleetNET: 0.42 SDR/256 bits.
 - Polling with text: 0.42 SDR/256 bits.
 - Polling without text: 0.21 SDR/poll.
 - b) Mobile-to-shore (charged to mobile)
 - Data reporting: 0.032 SDR/packet (landline charges applicable to automatic delivery).

CS3 Inmarsat–Fleet F77 (Charging duration is per block of 15 seconds) and Fleet F77 (ISDN) (per 10 seconds)
Charges applicable in the maritime mobile-satellite service via Burum and Perth coast earth stations.

a) Shore to Mobile

Services	SDR/min.	
	Voice	ISDN
Inmarsat – Fleet (voice) Global	3.07	
Inmarsat – Fleet (ISDN) Global		7.08

b) Mobile-to-shore

SDR/min.				
Voice		Fax/Data		ISDN
Peak hours*	Off-peak hours*	2.4 kbps	9.6 kbps	
3.73	2.71	2.30	5.35	16.34

Fleet F77 (MPDS): 7.56 SDR/Mbit. (MPDS service will cease with effect from 31st December 2017)

c) Mobile-to-mobile

Services	SDR/min.					
	Voice		Fax/Data			ISDN
	Peak hours*	Off-peak hours*	2.4 kbps		9.6 kbps	
			Peak hours*	Off-peak hours*		
Fleet 77 to Inmarsat–F77	8.71	7.54	9.45	8.18	12.16	25.27
Fleet 77 to F77 (ISDN)	14.34	13.90	15.56		18.16	32.32
Fleet 77 to Iridium	13.12		14.23		14.53	44.32
Fleet 77 to BGAN	6.–	4.83	4.52		8.11	21.63
Fleet 77 to FB	6.–	4.83	4.52		8.11	21.63
Fleet 77 to BGAN (ISDN)	13.55		12.70		16.46	33.64
Fleet 77 to FB (ISDN)	13.55		12.70		16.46	33.64

* See note CS14.

CS4 Inmarsat–Fleet F55 (Charging duration is per block of 15 seconds) and Fleet F55 (ISDN) (per 10 seconds)
Charges applicable in the maritime mobile-satellite service via Burum and Perth coast earth stations.

a) Shore to Mobile

Services	SDR/min.	
	Voice	ISDN
Inmarsat – Fleet (voice) Global	3.07	
Inmarsat – Fleet (ISDN) Global		7.08

b) Mobile-to-shore

SDR/min.			
Voice		Fax/Data	ISDN
Peak hours*	Off-peak hours*		
3.73	2.71	5.35	16.34

Fleet F55 (MPDS): 7.56 SDR/Mbit (MPDS service will cease with effect from 31st December 2017)

c) Mobile-to-mobile

Services	SDR/min.		
	Voice	Fax/Data	ISDN
Fleet 55 to Inmarsat–F77/F55/F33	8.71	12.16	25.27
Fleet 55 to Inmarsat F77/55 (ISDN)	14.34	18.16	32.32
Fleet 55 to Iridium	13.12	14.53	44.32
Fleet 55 to BGAN	6.–	8.11	21.63
Fleet 55 to FB	6.–	8.11	21.63
Fleet 55 to BGAN (ISDN)	13.55	16.46	33.64
Fleet 55 to FB (ISDN)	13.55	16.46	33.64

* See note CS14.

CS5 Inmarsat–Fleet F33 (Charging duration is per block of 15 seconds)

Charges applicable in the maritime mobile-satellite service via Burum and Perth coast earth stations.

a) Shore to Mobile

Services	SDR/min.	
	Voice	ISDN
Inmarsat – Fleet (voice) Global	3.07	
Inmarsat – Fleet (ISDN) Global		7.08

b) Mobile-to-shore

SDR/min.		
Voice		Fax/Data
Peak hours*	Off-peak hours*	
3.73	2.71	5.35

Fleet F33 (MPDS): 7.56 SDR/Mbit (MPDS service will cease with effect from 31st December 2017)

c) Mobile-to-mobile

Services	SDR/min.	
	Voice	Fax/Data
Fleet 33 to Inmarsat–F77/F55/F33	8.71	12.16
Fleet 33 to Inmarsat F77/F55 (ISDN)	14.34	18.16
Fleet 33 to Iridium	13.12	14.53
Fleet 33 to BGAN	6.–	8.11
Fleet 33 to FB	6.–	8.11
Fleet 33 to BGAN (ISDN)	13.55	16.46
Fleet 33 to FB (ISDN)	13.55	16.46

* See note CS14.

CS6 Inmarsat–BGAN (Charging duration is per block of 15 seconds)

Charges applicable in the maritime mobile-satellite service via INMARSAT.

a) Shore-to-mobile

Services	SDR/min.	
	Voice	ISDN
BGAN Voice	3.07	
BGAN ISDN		7.08

b) Mobile-to-shore

Services	SDR
Monthly Subscription fee	66.–
Monthly Inbundle Dollar Allowance	29.–

Services	Charge Unit	SDR
Voice (Mobile to Fixed)	min.	0.73
Voice (Mobile to Cellular)	min.	0.95
Voicemail	min.	0.58
BGAN Voice	min.	0.55
FleetBroadband Voice	min.	0.55
SwiftBroadband Voice	min.	0.55
Inmarsat Fleet/Swift Voice	min.	1.82
Aero Voice	min.	3.57
Satellite Phone Service (SPS) Voice	min.	1.46
IsatPhone Pro (GSPS) Voice	min.	0.55
Iridium Voice	min.	8.02
Globalstar Voice	min.	5.83
Thuraya Voice	min.	3.64
Other MSS Carriers	min.	5.03
SMS (per SMS)	MSG	0.36
Standard IP (per MB)	Mbyte	5.83

...(Cont.)

Services	Charge Unit	SDR
<i>...(Cont.)</i>		
32kbps Streaming IP	min.	2.62
64kbps Streaming IP	min.	5.03
128kbps Streaming IP	min.	8.75
176kbps Streaming IP	min.	12.39
256kbps Streaming IP	min.	15.09
X-Stream Streaming IP	min.	21.14
BGAN HRD Half Channel/64K	min.	15.09
BGAN HRD Half Channel Symmetric	min.	20.41
BGAN HRD Full Channel/64K	min.	23.33
BGAN HRD Full Channel Symmetric	min.	27.70
ISDN / 3.5 kHz Audio	min.	5.10
FleetBroadband ISDN	min.	5.10
BGAN ISDN	min.	5.10
Inmarsat Fleet/Swift HSD	min.	11.66
Satellite Phone Service (SPS) ISDN	min.	5.10
IsatPhone Pro (GPS) ISDN	min.	5.10
Iridium ISDN	min.	11.66
Globalstar ISDN	min.	11.66
Thuraya ISDN	min.	11.66
Other MSS Carriers ISDN	min.	11.66
Inmarsat Fleet Voice ISDN	min.	11.66
Aero Voice ISDN	min.	11.66
SwiftBroadband ISDN	min.	5.10

CS7 Inmarsat–FleetBroadband (Charging duration is per block of 15 seconds)

Charges applicable in the maritime mobile-satellite service via INMARSAT.

a) Shore-to-mobile

Services	SDR/min.	
	Voice	ISDN
FleetBroadband Voice	3.07	
FleetBroadband ISDN		7.08

b) Mobile-to-shore

Services	SDR/MB
Monthly Subscription fee (SDR)	306.–
Monthly Inbundle MB Allowance	25.–

Services	Charge Unit	SDR
Voice (Mobile to Fixed)	min.	0.71
Voice (Mobile to Cellular)	min.	0.71
FB Voice	min.	0.79
BGAN Voice	min.	0.64
SwiftBroadband Voice	min.	0.64
Aero Voice	min.	3.28
Inmarsat Fleet	min.	1.68
Globalstar Voice	min.	5.22
Iridium Voice	min.	7.17
Thuraya Voice	min.	3.28
Inmarsat Satellite Phone Voice (SPS)	min.	1.31
Inmarsat IsatPhone Pro (GSPS)	min.	0.51
Other MSS Carriers Voice	min.	4.52
Voicemail	min.	0.57
SMS (per SMS)	SMS	0.36
Standard IP (per MB)	MB	17.74
ISDN (Mobile to Fixed)	min.	4.59
Inmarsat Fleet HSD (ISDN)	min.	10.28
FB ISDN	min.	4.59
BGAN ISDN	min.	4.59
Iridium ISDN	min.	10.28
Globalstar ISDN	min.	10.28
Thuraya ISDN	min.	10.28
Satellite Phone Voice (SPS)	min.	4.59
IsatPhone Pro (GSPS)	min.	4.59
Other MSS Carriers ISDN	min.	10.28
Fleet ISDN	min.	10.28
Aero Voice ISDN	min.	10.28
SwiftBroadband Voice ISDN	min.	4.59
IP Streaming 8	min.	0.51
IP Streaming 16	min.	1.02
IP Streaming 24	min.	1.68
IP Streaming 32	min.	3.28
IP Streaming 64	min.	4.59
IP Streaming 128	min.	13.12
IP Streaming 256	min.	26.24

CS8 Inmarsat–Fleet One (Charging duration is per block of 15 seconds)

Charges applicable in the maritime mobile-satellite service via INMARSAT.

a) Shore-to-mobile

Services	SDR/min.
Fleet One Voice	3.07

b) Mobile-to-shore

Services	SDR/MB
Monthly Subscription fee (SDR)	116.64
Monthly MB Allowance	10.–

Services	Charge Unit	SDR
Voice (Mobile to Fixed)	min.	0.55
Voice (Mobile to Cellular)	min.	0.55
FB Voice	min.	0.55
BGAN Voice	min.	0.55
SwiftBroadband Voice	min.	0.55
Aero Voice	min.	3.57
Inmarsat Fleet	min.	1.82
Globalstar Voice	min.	5.83
Iridium Voice	min.	8.02
Thuraya Voice	min.	3.64
Satellite Phone Voice (SPS)	min.	1.46
IsatPhone Pro (GSPS)	min.	0.55
Other MSS Carriers Voice	min.	5.03
Voicemail	min.	0.55
SMS (per SMS)	SMS	0.36
Standard IP (per MB)	MB	11.66

Fleet One Notes:

1. Services not supported on Fleet One:
 - Streaming IP
 - Multi Voice
 - ISDN
2. Fleet One Global SIMs cannot be mixed with Fleet One Coastal SIMs.
3. Vessels provisioned on Fleet One SIMs:
 - must have a Maritime Mobile Security Identity (MMSI) (provided upon provisioning),
 - must receive the service using an Inmarsat type approved Fleet One Satellite Terminal, and
 - must not be Floating, Fixed Platform or Rig.
4. Fleet One Global is a single SIM plan, available for all vessels operating globally.

CS9 Inmarsat–Isatphone Pro (Charging duration is per block of 15 seconds)

Charges applicable in the maritime mobile-satellite service via INMARSAT.

a) Shore-to-mobile

Services	SDR/min.
ISATphone Voice	3.07

b) Mobile-to-shore

Services	SDR/min.
Monthly Subscription fee (SDR)	28.46
Monthly Allowance (min.)	10.–

Services	Charge Unit	SDR
Fixed v/f/d	min.	0.66
Cellular v/f/d	min.	0.79
Voicemail	min.	0.66
SMS (per SMS)	SMS	0.33
BGAN Voice	min.	0.73
FleetBroadband Voice	min.	0.73
SwiftBroadband Voice	min.	0.73
GSPS or SPS Voice	min.	0.82
Fleet/Swift Voice	min.	1.82
Aero Voice	min.	3.57
Iridium Voice	min.	8.02
Globalstar Voice	min.	5.83
Thuraya Voice	min.	3.64
Other MSS Carriers	min.	5.03

CS10 Iridium Plan (Charging duration is per block of 20 seconds)

Charges applicable in the maritime mobile-satellite service via Iridium.

a) Shore-to-mobile

Services	SDR/min.
Iridium - Voice	3.07
Iridium 2 Stage Dialing Data	1.45
Iridium 2 Stage Dialing Voice	1.45

b) Mobile-to-shore

Services	SDR/MB
Monthly Subscription fee (SDR)	34.99
Monthly MB Allowance	NA

Services	Charge Unit	SDR
Iridium - PSTN Data	min.	1.06
Iridium - PSTN Voice	min.	1.06
Iridium - PSTN (direct Internet)	min.	1.06
Iridium - Iridium Data	min.	1.06
Iridium - Iridium Voice	min.	0.69
Iridium - SMS (per SMS)	SMS	0.36
Iridium - Personal Mailbox Access	min.	0.60
Iridium - Other Satellite Data	min.	9.55
Iridium - Other Satellite Voice	min.	9.55

CS11 Iridium Open Port (Charging duration is per block of 20 seconds)

Charges applicable in the maritime mobile-satellite service via Iridium.

a) Shore-to-mobile

Services	SDR/min
Shore to Iridium Voice (+1 Number to Iridium)	0.84
Shore to Iridium Voice (Two-Stage to Iridium)	0.84
Iridium to Other Satellite Voice	8.53

b) Mobile-to-shore

Services	SDR/kbps		
Data Rate (kbps)	32.–	64.–	128.–
Monthly Data Subscription fee (SDR)	40.–	40.–	40.–
Data Run-On Charges (SDR)	10.93	11.55	12.15

Services	SDR/kbps	
Voice (Iridium to Fixed)	min.	0.84
Voice (Iridium to Iridium)	min.	0.58
Voice Mail (Iridium to Voicemail)	min.	0.58

CS12 Global Express (Charging duration is per block of 15 seconds)

Charges applicable in the maritime mobile-satellite service via IOR SAS – Fucino, Italy and Nemea, Greece; AOR SAS – Winnipeg, Canada, Lino Lakes, Minnesota, USA;

POR SAS – Warkworth and Auckland, New Zealand

a) Shore-to-mobile

Services	SDR/min
Shore to GX/FX Voice	0.13

b) Mobile-to-shore

Services	Destinations	SDR/min.
GX Voice to International Numbers	Zone 1	0.33
	Zone 2	0.73
	Zone 3	1.46
	Zone 4	2.37
	Zone 5	5.83
	Zone 6	12.76
GX Voice to Other Satellites	FX/GX Voice	0.36
	FB Voice	0.55
	BGAN Voice	0.55
	Inmarsat IsatPhone Pro (GSPS)	0.55
	SwiftBroadband Voice	0.55
	Aero Voice	3.57
	Fleet Voice	1.82
	Swift 64 Voice	1.82
	Other MSS Carriers Voice	5.03
	Globalstar Voice	5.83
	Iridium Voice	8.02
Thuraya Voice	3.64	
FB Voice (from GX ship)	Voice (Mobile to Fixed)	0.31
	Voice (Mobile to Cellular)	0.42
	Inmarsat FB Voice	0.55
	BGAN Voice	0.55
	FleetOne Voice	0.55
	SwiftBroadband Voice	0.55
	Aero Voice	3.57
	Inmarsat Fleet	1.82
	Globalstar Voice	5.83
	Iridium Voice	8.02
	Thuraya Voice	3.64
	Inmarsat IsatPhone Pro (GSPS)	0.55
	Other MSS Carriers Voice	5.03
	Voicemail	0.31
	Swift 64 Voice	1.82
Additional Call Service	International Networks-Fixed (88239)	0.09
	International Networks-Fixed (883120)	0.12
	Un-Fixed (888)	0.16

CS13 Composition of destination zones

Voice for GX/FX

Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
American Samoa	Andorra	Afghanistan	Albania	Ascension
Argentina*	Argentina (Mobility)	Angola	Algeria	Belarus*
Australia	Bahrain	Anguilla	Bosnia & Herzegovina	Chad
Austria	Bermuda	Antigua & Barbuda	Burundi	Chile*
Bangladesh	Bhutan	Armenia	Cameroon	Comoros
Belgium*	Bulgaria (Mobility)	Aruba	Central African Republic	Cook Islands
Brazil	Cambodia	Azerbaijan	Congo	Cuba*
Brunei	China	Bahamas	Cuba (Mobility)	Diego Garcia
Bulgaria*	Chile (Mobility)	Barbados	Gabon	Djibouti
Canada	Colombia	Belarus (Mobility)	Guinea	East Timor
Czech Republic	Costa Rica	Belgium (Mobility)	Guinea Bissau	Equatorial Guinea
Denmark	Croatia*	Belize	Ivory Coast	Falkland Islands
Finland	Cyprus	Benin	Lesotho	Gambia
France	Dominican Republic	Bolivia	Liberia	Greenland
Germany	Ecuador*	Botswana	Libya	Kiribati
Greece*	Egypt	British Virgin Islands	Lithuania	Korea North
Guadeloupe	Faroe Islands	Burkina Faso	Macedonia	Laos
Guam	Fiji	Cape Verde	Malawi	Latvia
Hong Kong	French Guiana	Cayman Islands	Mauritania	Madagascar
Iceland	Gibraltar	Croatia (Mobility)	Montenegro	Maldives
India	Greece (Mobility)	Dominica	Morocco	Nauru
Italy*	Guatemala	DR Congo	Papua New Guinea (Mobility)	New Caledonia
Korea South	Hungary	Ecuador (Mobility)	San Marino (Mobility)	Niger
Luxembourg	Indonesia	El Salvador	Senegal	Niue Island
Malaysia	Iran	Eritrea	Sierra Leone	Norfolk Island
Martinique	Ireland	Estonia	Somalia	Palau
Mexico	Italy (Mobility)	Ethiopia	Tanzania	Papua New Guinea*
Mongolia	Japan	French Polynesia	Tunisia	Sao Tome and Principe
Netherlands	Jordan	Georgia	Uganda	Seychelles
New Zealand	Kazakhstan	Ghana	Zambia	Solomon Islands

CS14 Peak and off peak hours

Inmarsat–Fleet (voice only)

Ocean Region	Peak hours (UTC)	Off-peak hours (UTC)
POR	0301 – 1859	1900 – 0300
IOR	0301 – 1859	1900 – 0300
AORE	0601 – 2159	2200 – 0600
AORW	0701 – 2259	2300 – 0700

CS15 Inmarsat-C/Fleet77/Fleet33/FleetBroadband/Fleet One/Isatphone Pro/Iridium Legacy/Iridium Open Port.

(Amendment No. 6)

VTN Viet Nam

Note CS1 LIR

CS1 Charges applicable in the maritime mobile-satellite service via HAIPHONG coast earth station.
Access code Inmarsat-C: 330.

	Service	Destination		
		Fixed station	Inmarsat-B/Mini-M	Inmarsat-C
Inmarsat-C	Telex*, facsimile*, data	0.117 SDR/256 bits	0.288 SDR/256 bits	117 SDR/256 bits
	* Additional	0.073 SDR/256 bits	-	-

	Service	Destination	
		Viet Nam	Other countries
Cplus	Email, messaging to MES, mailbox	0.117 SDR/256 bits	Global
	SMS from MES	0.117 SDR/256 bits	0.2875 SDR/256 bits
	SMS to MES	0.117 SDR/256 bits	Global
	PDN to mobile phone	0.117 SDR/PDN	0.0750 SDR/PDN
	PDN to MES	0.117 SDR/PDN	-
	Email: SAC 67 and SMS: SAC 68		

Notes AAIC LIR

A Accounting authority: Viet Nam Maritime Communication and Electronics Company of Socialist Republic of Viet Nam (Viet Nam).

H Radiotelephone calls (minimum 1 min.)

- a) Foreign ship to all destinations: 1.38 SDR/min.
- b) Vietnamese ship to:

Destination zones	SDR/min.
Same province	0.063
Other provinces	0.092
Mobile network	0.095
Other countries	0.222

Method of charging: 2 min. + 1, the fraction with less than 1 min., the last min., is rounded up to 1 min.

L Value-added services:

1. Radio message: 0.047 SDR/letter, increment per 7 letters + 1.
2. Inmarsat-C message:
 - a) fixed device to mobile unit: 0.207 SDR/block (= 256 bits), increment per 7 blocks + 1;
 - b) mobile unit to fixed device: 1.113 SDR/message.
3. Weather forecast on request: 0.636 SDR/forecast.

**List of Ship Stations and Maritime Mobile
Service Identity Assignments
(List V)
Edition of 2017**

Section VI

REP

DZ14 ALGERIE TELECOM SATELLITE, Cyber Parc Sidi Abdallah,
Immeuble Multilocataire, Rahmania, Zeralda, Alger, Algérie.
Tel.: +213 (0) 23 202 155, Tlx: +213 (0) 23 202 229, E-Mail: inmarsat@ats.dz,
Contact Person: Mr Benabdelouahad Mohamed Anouar, Président Directeur Général.

**List of Issuer Identifier Numbers for
the International Telecommunication Charge Card
(in accordance with ITU-T Recommendation E.118 (05/2006))
(Position on 15 November 2015)**

(Annex to ITU Operational Bulletin No. 1088 – 15.XI.2015)
(Amendment No. 24)

United States ADD

<i>Country/ geographical area</i>	<i>Company Name/Address</i>	<i>Issuer Identifier Number</i>	<i>Contact</i>	<i>Effective date of usage</i>
United States	Qualcomm 5775 Morehouse Drive SAN DIEGO, CA 92121	89 1 047	Mr Alfredo Ruvalcaba 5775 Morehouse Drive SAN DIEGO, CA 92121 Tel: +1 858 651 1598 E-mail: jruvalca@qti.qualcomm.com	23.VI.2017

**Mobile Network Codes (MNC) for the international identification plan
for public networks and subscriptions
(According to Recommendation ITU-T E.212 (09/2016))
(Position on 1st November 2016)**

(Annex to ITU Operational Bulletin No. 1111 – 1.XI.2016)
(Amendment No. 16)

<i>Country/Geographical area</i>	<i>MCC+MNC *</i>	<i>Operator/Network</i>
Chile ADD		
	730 20	Inversiones Santa Fe Limitada
Singapore ADD		
	525 09	Liberty Wireless Pte Ltd
	525 10	TPG Telecom Pte Ltd
Swaziland ADD		
	653 02	Swazi Mobile Limited
Sweden ADD		
	240 07	Tele2 Sverige AB
Sweden LIR		
	240 01	Telia Sverige AB
	240 02	Hi3G Access AB
	240 20	Wireless Maingate Messaging Services AB

* MCC: Mobile Country Code / Indicatif de pays du mobile / Indicativo de país para el servicio móvil
MNC: Mobile Network Code / Code de réseau mobile / Indicativo de red para el servicio móvil

**List of International Signalling Point Codes (ISPC)
(According to Recommendation ITU-T Q.708 (03/1999))
(Position on 1 October 2016)**

(Annex to ITU Operational Bulletin No. 1109 – 1.X.2016)
(Amendment No. 17)

*Country/
Geographical Area*

<i>ISPC</i>	<i>DEC</i>	<i>Unique name of the signalling point</i>	<i>Name of the signalling point operator</i>
Spain SUP			
2-028-6	4326		Orbitel Comunicaciones Latinoamericanas, S.A.
Swaziland ADD			
6-106-3	13139	SZM MBA	Swazi Mobile Limited
6-106-5	13141	EZ MSC	Swazi MTN Limited
6-106-6	13142	MA MSC	Swazi MTN Limited
United States ADD			
3-022-3	6323	Chicago, IL	Syniverse Technologies
3-022-4	6324	Dallas, TX	Syniverse Technologies
3-022-5	6325	Dallas (1), TX	Syniverse Technologies

ISPC: International Signalling Point Codes.
Codes de points sémaphores internationaux (CPSI).
Códigos de puntos de señalización internacional (CPSI).

National Numbering Plan (According to Recommendation ITU-T E.129 (01/2013))

Web: www.itu.int/itu-t/inr/nnp/index.html

Administrations are requested to notify ITU about their national numbering plan changes, or to give an explanation on their webpage concerning the national numbering plan as well as their contact points, so that the information, which will be made available freely to all administrations/ROAs and service providers, can be posted on the ITU-T website.

For their numbering website, or when sending their information to ITU/TSB (e-mail: tsbtson@itu.int), administrations are kindly requested to use the format as explained in Recommendation ITU-T E.129. They are reminded that they will be responsible for the timely update of this information.

From 15.VI.2017, the following countries/geographical areas have updated their national numbering plan on our site:

<i>Country/ Geographical area</i>	<i>Country Code (CC)</i>
Armenia	+374
Burkina Faso	+226