

International Roaming Tariff

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Communication Regulatory Authority of Iran

<http://www.cra.ir>



What is international roaming?

When you travel to a foreign country, your mobile phone keeps working : you are roaming. You can make & receive phone calls, write text messages (SMS) or surf the internet and download content.



Voice Roaming

When you or receive a call while abroad you are using **voice roaming**

Making a roaming voice call	Receiving a roaming voice call
You dial a mobile phone number. Your host operator receives your call	A friend dials your mobile phone number
Seeing an international number, it transfers the call via 'international transit' to your friend's home operator.	Your friend's operator routes the call to your home operator (which may or may not be the same as yours).
Your friend's home operator transfers the call to your friend. The connection is established.	Your home operator knows that you are currently roaming through a host operator in a foreign country, so it transfers the call to the host operator via 'international transit'.
	The host operator receives the call and transfers it to you. The connection is established.

When you send or receive an SMS while abroad you are an **SMS roaming**

Sending a text message (SMS)	Receiving a text message (SMS)
You send an SMS to a friend while abroad.	A friend sends you an SMS while you are abroad.
The host operator transfers the SMS to your home operator.	Your friend's operator transfers the SMS to your home operator.
Your home operator transfers the SMS to your friend's operator.	Your home operator transfers the SMS to your host operator.

Data Roaming

You can also use various data services while abroad : sending & receiving multimedia messages, reading & sending emails, using the internet via your handset or even connecting to your laptop to the internet via a data card.

Sending multimedia message	Receiving multimed message
<p>The MMS is sent by the host operator via international transit.</p>	<p>The MMS is sent by your friend's operator to your home operator.</p>
<p>The international transit transfers the MMS to your home operator.</p>	<p>Your home operator transfers the MMS by international transit.</p>
<p>The home operator transfers the MMS to your friend's operator.</p>	<p>The international transit system transfers the MMS to your host operator.</p>

Connecting to the internet while you abroad

Your host operator transfers your data, via international transit, to your home operator.

Your home operator connects you to the internet, your e-mail and other services.

Roaming prices and regulation for EU citizens

The EU roaming regulation was adopted in 2007 and introduced caps on roaming prices (“Eurotariff”) and imposed certain information obligation on operators, ensuring that mobile phone subscribers pay affordable and transparent roaming prices when they travelling across the EU



The Eurotariff set the maximum prices for phone calls made and received while abroad.

These maximum prices apply to all consumers unless they opted for special packages offered by operator.




In addition, as of 1 July 2010, consumers are protected by an automatic safeguard against data roaming bill shocks. The amended roaming regulation will apply until summer 2012. As requested by the European Parliament, the Commission published a report on the functioning of the amended rules in July 2010. Moreover, the Commission had the task to conduct a full review of the Regulation in 2011 and could propose further rules, if required.



Main provision of the current Roaming regulation :

- ✿ **Eurotariffs introduced** : from 1st of July 2011, making a call cannot cost more than 35 cents and receiving a call cannot more than 11 cent
- ✿ **Euro-SMS tariff introduced** : from 1 July 2009, sending an SMS from abroad costs no more than 11 cents. Receiving an SMS in another EU country will remain free of charge.

- ✿ **Wholesale charges capped** : prices that operators charge each other (wholesale charges) are also capped until 2012
- ✿ **More transparency of roaming charges for consumers** : customers receive an SMS when they are crossing borders within the EU to inform them of the price they are expected to pay for making and receiving calls. Customers are able to request more detailed information by means of a voice call or an SMS

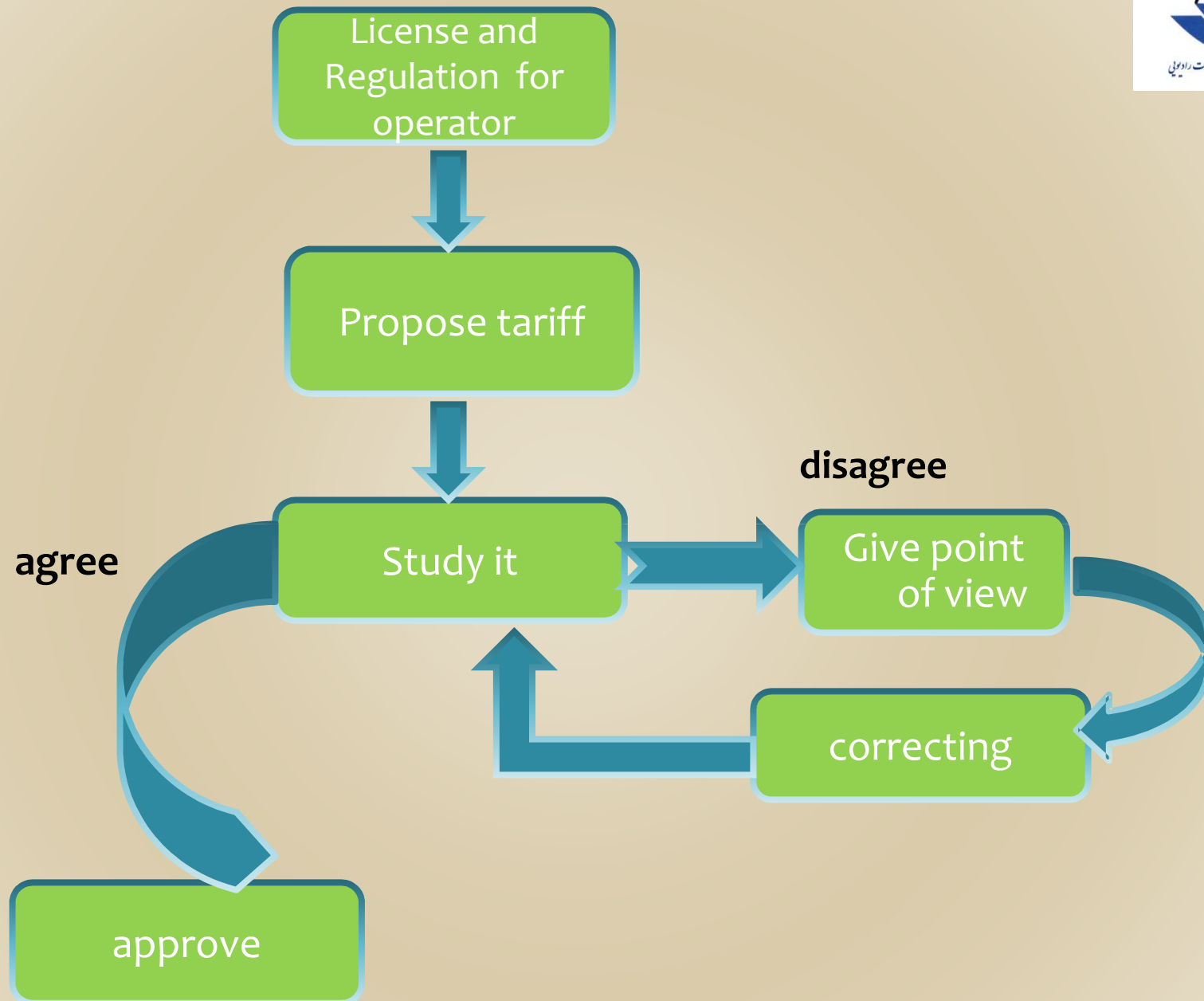
 **Measures to counter data roaming bill shock:** as of 1 July 2010, travellers data-roaming limit will be automatically set at 50€ (unless they have chosen another limit-higher or lower).

What is our aim?

- ✿ Invite operators to contribute in our decision
- ✿ Regulate tariff for saving customer rights and protecting competition

How do we reach our aim?

- ✿ Give operator the general regulation and Licensee
- ✿ Let them propose their tariff
- ✿ Study their proposal
- ✿ If agree, will approve
- ✿ If not, Give them our point of view
- ✿ After correcting, approve
- ✿ Let them to impose



Recommendation ITU-T D.93

- ❁ Charging and accounting in the international land mobile telephone service(Provided via cellular radio systems)
- ❁ approved on 23 January 2009 by ITU-T Study Group 3 (2009-2012)

At a glance

- ✿ principles for charging, billing, international accounting
- ✿ settlement for the international land mobile telephone service provided via cellular radio systems.
- ✿ also the applications of charging and accounting principles for various call routing scenarios.

Principles for settlements between PLMNs

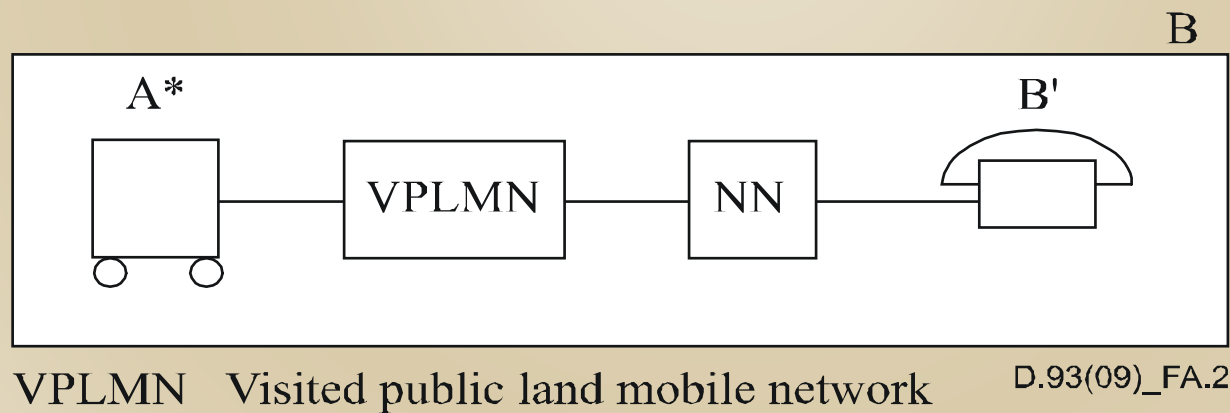
The VPLMN should prepare a statement of the charges payable by the HPLMN for its registered mobile subscribers.

The format and frequency of dispatch should be agreed between the two parties.

This statement should show the total charge expressed in SDRs or another agreed accounting currency, together with the conversion rate.

Roamed mobile station to a fixed station

Mobile station A^* has roamed to PLMN in country B and makes a national call to a fixed station



Charging: A* will be billed by its HPLMN based on data provided by the VPLMN.

Inter PLMN settlement: The HPLMN "A" will reimburse the VPLMN "B" for the charges incurred by the roamer.

National activity

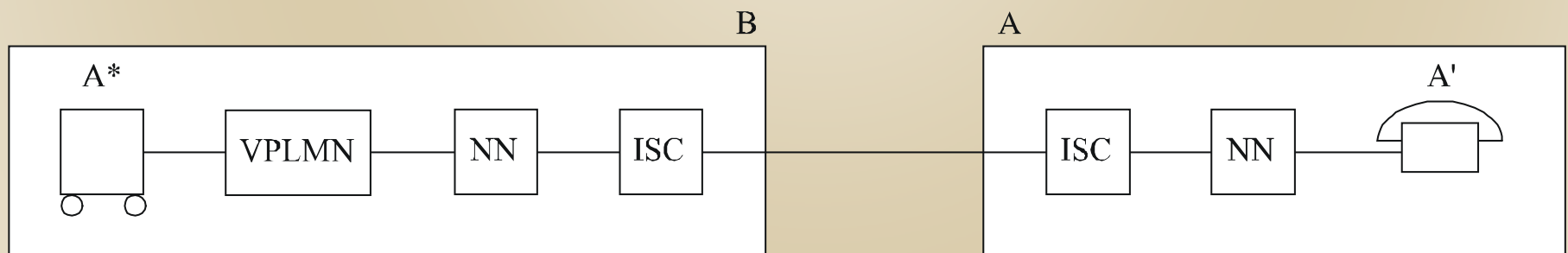
- ✿ Communication Regulatory Committee approved the document contains International roaming tariff at the date 23 August 2006

Subscriber	Voice Tariff in a minute (U.S Dollar)
TCI subscriber	0.45
Other Operator Subscriber	0.55

Roamed mobile station-to-fixed station

Mobile station A^* has roamed to a PLMN in country B and makes an international call.

☀ Call to the home country

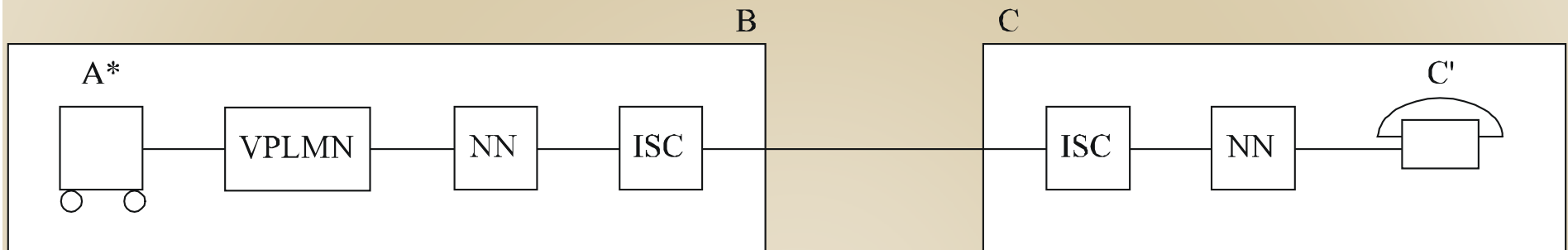


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Charging: A* will be billed by its HPLMN based on data provided by the VPLMN.

Inter PLMN settlement: the HPLMN "A" will reimburse the VPLMN "B" for the charges incurred by the roamer.

Call to a third country, C

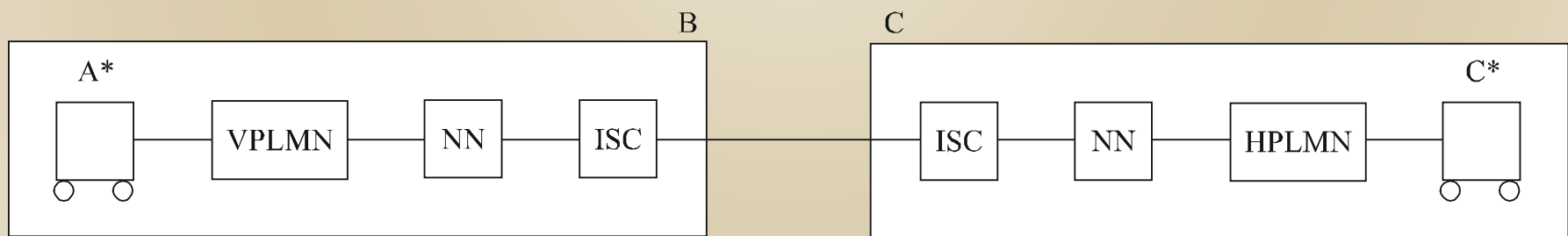


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- ☼ Charging: A* will be billed by its HPLMN based on data provided by the VPLMN.
- ☼ Inter PLMN settlement: the HPLMN "A" will reimburse the VPLMN "B" for the charges incurred by the roamer.

Roamed mobile station-to-mobile station

- roamed mobile station A* has roamed to a PLMN in country B and makes an international call to mobile C* operating in its HPLMN



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Charging: A* will be billed by its HPLMN based on data provided by the VPLMN.

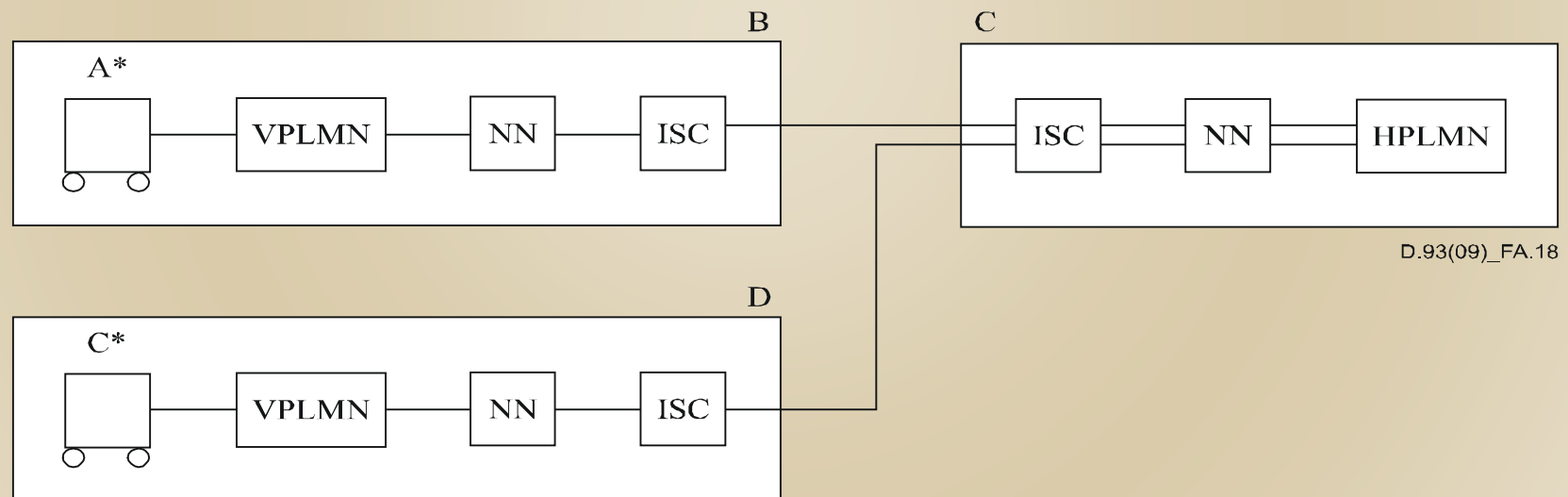
Inter PLMN settlement: The HPLMN "A" will reimburse the VPLMN "B" for the charges incurred by the roamer.

	Area	U.S Dollar
Asia	Bangladesh – Kuwait – Oman – Pakistan – Qatar –Bahrain– Saudi Arabia – Syria – UAE	1.53
Africa	Sudan	
Asia	Afghanistan – Cambodia – Iraq – Jordan – Nepal – Singapore – Taiwan – Thailand	2.05
Africa	Libya – Senegal	
America	USA	
Europe	Austria – Bulgaria – Croatia – Cyprus- Faro – Finland – France – Germany – Greenland – Iceland – Liechtenstein – Luxembourg – Norway – Spain	2.51
Asia	Azerbaijan Bhutan – Brunei – China – Georgia – Hong Kong- India – Japan – Kazakhstan – Korea PDR – Korea REP-Lebanon – Macao – Malaysia – Maldives – Mongolia – Myanmar – Palestine – Philippine – Turkmenistan – Uzbekistan – Vietnam – Yemen	
Africa	Congo – Egypt – South Africa	
America	Brazil – Canada – Nicaragua	
Europe	Denmark – Portugal – Romania – Slovenia – Sweden – Slovakia – Turkey – U.K	
Oceania	Australia	
Asia	Armenia – Kyrgyz Stan – Indonesia	
America	Chile – Venezuela	3.07
Europe	Belgium – Bosnia & Herzegovina - Italy – Greece – Hungary – Latvia – Lithuania – Macedonia – Moldova – Netherlands – Poland – San Marino – Ukraine – Vatican City	
Asia	Algeria – Angola – Benin –Djibouti – Eritrea – Malta – Tajikistan	3.19
Europe	Andorra – Canary Is – Estonia	

Asia	Christmas Is – Laos – Sri-Lanka – Timor	
Africa	Ascension Is – Botswana – Burundi – Burkina Faso- Cape Verde – Central African Rep – Chad – Comoros Is – Congo DRC(Zaire) – Ethiopia – Equatorial Guinea – Gabon – Gambia – Ghana – Gibraltar – Guinea Rep – Guinea Bissau -Ivory Coast – Kenya – Lesotho – Liberia – Madagascar – Mali Rep – Malawi – Mauritania – Mauritius–Morocco – Mozambique – Namibia – Niger – Nigeria – Reunion – Rwanda – Swaziland – Seychelles – Sierra Leone – Somalia – St . Pierre & Miquelon – St . Tome & Principe – Tanzania – Togo – Tunisia – Uganda – Zambia – Zimbabwe	3.47
America	Alaska – Anguilla – Antigua – Argentina – Aruba – Bahamas – Barbados – Belize – Bermuda – Bolivia – Colombia – Costa Rica – Cuba – Cay man Is – Dominica – Dominican Rep – Ecuador – El Salvador – French – Guyana – Grenada – Guadalupe – Guatemala – Guyana – Haiti – Hawaii – Honduras – Jamaica – Martinique – Mexico – Panama – Paraguay – Peru – Puerto Rico – St . Croix – St. Lucia – St . Thomas – St. Vincent – Uruguay	
Oceania	American Samoa – Cocos Is – Cook Is – Falklands Is – Fiji – French Polynesia – Guam – Kiribati – Mariana Is (Saipan) – Marshall Is _ Nauru – Netherlands Antilles – New Caledonia – Niue – Norfolk Is – Papua – New Guinea – Solomon Is – Tokelau Is - Tonga – Tortola – Tuvalu – Wallis & Futuna Is	
Europe	Albania – Azure – Belarus – Madeira – Switzerland	
Africa	Cameroon	3.63
Oceania	Newzeland	
Europe	Czech- Ireland -Monaco – Russia – Serbia & Montenegro	3.93
Others		3.93
Inmarsat	A	7.99
Inmarsat	B & M	6.85
Inmarsat	Min – M	4.56
Inmarsat	Fleet- Gan	2.51
Inmarsat	Aero	8.45
Inmarsat	B-HSD	9.25
Inmarsat	Gan-HSD	10.96
Thuraya		3.97

Roamed mobile station-to-roamed mobile station

roamed mobile station A* makes an international call to roamed mobile station C* operating in country D.



Charging: A* will be billed by the HPLMN based on data provided by the VPLMN.

Inter PLMN settlement: For A*, its HPLMN will reimburse the VPLMN "B" for charges incurred by A*'s roaming in country B.

- For C*, its HPLMN may raise a charge for the forwarded element of the call.
- C* may be billed by its HPLMN for the charges which may be raised by the VPLMN "D" for the roamer's use of its network to receive the call, based on the data provided by the VPLMN.

SMS Tariff

☀ for International Roaming Communication While the foreigner subscriber travels to Iran.

Sending SMS	Tariff per message (U.S Dollar)
Other countries Subscriber to TCI subscriber	0.18
Other countries Subscriber to Other operator Subscriber in Iran	0.25
Other countries Subscriber to Other countries Subscriber	10% +25% Service cost(Mark Up)
Other countries Subscriber to the same country Subscriber in Iran	10% +25% Service cost(Mark Up)
Iranian subscriber to Other countries Subscriber in Iran	30 % International Voice Tariff per minute

SMS tariff for International Roaming Communication While Iranian subscriber travels to other countries and Iranian operators send SMS.

per message	sending SMS Tariff
30 % mobile to mobile national Voice Tariff per minute(equals to sending internal SMS Tariff)	For sender

Reference: Document No 10120/ت/س Date: 1385/06/01
Communication Regulatory Commission

Conclusion

- ✿ Comparing to the most countries , we should encourage Operators to decrease their roaming tariff.

Thank you