

February 2009

Table 1: Cost in USD for Incoming call while Roaming

Roaming In ↓		Home Country							
		Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan <sup>1</sup>	Sri Lanka
SAARC	Afghanistan		0.84	-	0.97		0.48	0.38	1.37
	Bangladesh	0.96		0.44	0.84	0.69	0.39	0.38	0.81
	Bhutan	-	1.55		1.68	2.43	1.22	-	2.10
	India	1.44	1.83	1.72		2.62	1.51	-	2.09
	Maldives	0.96	0.43	-	0.77		0.29	0.38	0.59
	Nepal	1.44	0.67	0.48	0.96	-		0.38	0.90
	Pakistan	0.96	0.49	0.21	-	-	0.22		0.61
	Sri Lanka	1.92	0.58	0.32	0.80	0.73	0.31	0.38	
South East Asia	Malaysia	1.92	0.52	-	0.8	0.68	0.28	0.38	0.45
	Singapore	1.44	0.68	0.21	0.9	0.80	0.23	0.38	0.60
	Thailand	1.44	0.88	0.59	1.1	1.12	0.59	0.38	0.60
East Asia	China	1.44	1.04	-	1.2	1.91	-	0.38	0.92
	Hong Kong	1.44	0.55	0.26	0.8	0.64	0.28	0.38	0.45
	Japan	-	0.34	0.00	0.5	0.30	0.00	0.38	0.22
Austral-asia	Australia	0.96	0.81	0.00	0.9	1.02	-	0.38	0.68
Europe	France	1.44	1.77	-	1.3	0.38	0.54	0.38	0.90
	Germany	1.44	1.13	-	0.5	0.93	0.74	0.38	0.22
	Italy	1.92	2.06	0.00	0.5	2.59	0.00	0.38	1.14
	Sweden	1.92	0.39	-	1.2	-	0.00	0.38	0.25
	Switzerland	1.92	0.39	2.35	1.6	-	-	0.38	0.25
	UK	1.92	1.19	0.00	1.6	0.63	1.21	0.38	1.02

<sup>1</sup> Countries where operators charge Terminating Fee shall have higher incoming call charges by the same amount.

# B INTERNATIONAL ROAMING BENCHMARKS

South Asia

North America	Bahamas	-	-	-	1.5	-	-	-	1.94							
	Canada	1.44	1.33	0.87	1.2	-	-	0.38	1.42							
	Cuba	-	-	-	1.1	-	-	-	1.48							
	Mexico	1.44	1.25	-	1.2	1.92	0.67	0.38	0.91							
	US	1.44	1.33	1.18	1.5	1.54	0.48	0.38	1.62							
South America	Argentina	1.44	-	-	1.1	-	0.52	0.38	1.01							
	Brazil	1.44	1.18	-	0.7	0.95	0.58	0.38	3.70							
	Chile	-	0.43	-	0.5	-	-	0.38	0.25							
	Peru	-	-	-	0.9	-	-	-	3.53							
	Uruguay	1.44	-	-	0.5	-	-	0.38	1.64							
	Venezuela	1.44	-	-	1.2	-	-	0.38	-							
Africa	Botswana	-	-	-	0.5	-	-	0.38	0.35							
	DR Congo	-	-	-	0.5	-	-	-	0.80							
	Egypt	0.48	0.43	-	0.5	0.38	2.07	0.38	0.30							
	South Africa	0.48	0.43	-	0.5	-	-	0.38	0.25							
	Tanzania	0.48	0.43	-	0.5	-	-	0.38	0.40							
	Tunisia	0.48	0.43	-	0.5	-	-	0.38	0.80							
Middle East	Lebanon	1.92	-	-	0.5	-	-	0.38	0.30							
	Saudi Arabia	1.44	0.63	-	2.0	2.38	0.21	0.38	1.22							
	Turkey	1.92	0.63	-	1.1	-	0.27	0.38	1.41							
	UAE	1.44	0.64	0.72	0.5	0.38	0.52	0.38	0.30							
Exchange rate (January 26, 2009)	1 USD =	52.13	69.68	49.04	49.69	12.95	79.55	79.47	114.20							
Source	Roshan Telecom	<a href="http://www.roshan.af/web/wp-content/uploads/Post-paid_Pre-paid_Roaming_Prices.xlsx.pdf">http://www.roshan.af/web/wp-content/uploads/Post-paid_Pre-paid_Roaming_Prices.xlsx.pdf</a>	Grameen Phone	<a href="http://www.grameenphone.com/index.php?id=234">http://www.grameenphone.com/index.php?id=234</a>	Bhutan Telecom	<a href="http://www.drunknet.bt/btelcom/index.php?option=com_content&amp;task=view&amp;id=30&amp;Itemid=44">http://www.drunknet.bt/btelcom/index.php?option=com_content&amp;task=view&amp;id=30&amp;Itemid=44</a>	Bharti Airtel	<a href="http://www.airtel.in/Prepaid_tariffs.aspx?path=1/6/6/2&amp;cid=2">http://www.airtel.in/Prepaid_tariffs.aspx?path=1/6/6/2&amp;cid=2</a>	Dhiraagu	<a href="http://www.dhiraagu.com.mv/mobile/international_services/postpaid_charges.php">http://www.dhiraagu.com.mv/mobile/international_services/postpaid_charges.php</a>	Spice Nepal	<a href="http://www.spicenepal.com/index.php?option=com_content&amp;task=view&amp;id=99">http://www.spicenepal.com/index.php?option=com_content&amp;task=view&amp;id=99</a>	Mobilink GSM	<a href="http://www.mobilinkgsm.com/IR/Tariffs.pdf">http://www.mobilinkgsm.com/IR/Tariffs.pdf</a>	Dialog GSM	Tariff sent by the customer service agent

Table 2: Cost in USD for Outgoing call to the visiting country while roaming

Roaming In ↓		Home Country											
		Afghani stan	Bangla desh	Bhutan		India		Maldiv es	Nepal		Pakista n	Sri Lanka	
				Peak	Off- peak	Peak	Off- peak		Peak	Off- peak		Peak	Off Peak
SAARC	Afghanistan		0.60	-	-	0.59	-	-	0.58	-	0.90	0.69	-
	Bangladesh	1.44		0.50	-	0.44	-	0.61	0.42	-	0.90	0.46	-
	Bhutan	-	1.29			1.20	-	1.89	1.22	-	-	1.51	-
	India	2.40	1.07	1.12	-			1.61	0.99	-	-	1.30	-
	Maldives	1.44	0.17	-	-	0.29	-		0.29	-	0.90	0.34	-
	Nepal	2.40	0.41	0.48	-	0.48	-	-			0.90	0.66	-
	Pakistan	1.44	0.41	0.46	0.26	-	-	-	0.39	0.22		0.45	0.26
	Sri Lanka	2.88	0.32	0.32	-	0.31	-	0.43	0.31	-	1.49		
South East Asia	Malaysia	2.88	0.44	-	-	0.29	-	0.37	0.19	-	0.90	0.34	-
	Singapore	2.40	0.42	0.21	-	0.41	-	0.57	0.23	-	0.90	0.30	-
	Thailand	2.40	0.62	0.59	-	0.59	-	1.12	0.58	-	0.90	0.30	-
East Asia	China	2.40	0.70	-	-	0.69	-	0.84	-	-	0.90	0.81	-
	Hong Kong	2.40	0.30	0.57	-	0.29	-	0.37	0.28	-	0.90	0.34	-
	Japan	-	0.56	0.45	-	0.51	-	0.64	0.55	-	0.90	0.77	-
Austral-asia	Australia	1.92	0.72	0.88	-	0.61	-	1.08	-	-	1.49	0.46	-
Europe	France	1.92	1.32	0.80	0.44	0.74	0.32	1.09	0.78	0.34	1.49	0.88	-
	Germany	1.92	0.79	-	-	0.71	-	1.59	0.74	-	1.49	0.42	-
	Italy	2.40	1.29	0.68	-	0.65	-	1.66	0.55	-	0.90	0.63	-
	Sweden	2.40	0.83	-	-	0.75	-	-	0.40	-	1.49	2.92	-
	Switzerland	2.40	0.80	0.82	0.60	1.13	-	-	-	-	0.90	0.89	-
	UK	2.40	0.52	0.50	0.20	0.72	0.43	0.30	0.43	-	0.90	0.49	-
North America	Bahamas	-	-	-	-	0.97	-	-	-	-	-	0.57	-
	Canada	2.40	0.99	1.00	-	0.67	-	-	-	-	1.49	1.31	-
	Cuba	-	-	-	-	0.59	-	-	-	-	-	1.84	-
	Mexico	2.40	0.85	-	-	0.68	-	1.22	0.67	-	1.49	0.80	-
	US	2.40	0.99	1.53	-	1.27	-	1.31	0.48	-	1.49	1.55	-
South America	Argentina	1.92	-	-	-	0.65	-	-	0.52	-	1.49	0.76	-

# B INTERNATIONAL ROAMING BENCHMARKS

South Asia

	<b>Brazil</b>	1.44	1.29	-	-	0.86	-	0.82	0.75	-	1.49	3.59	-			
	<b>Chile</b>	-	0.44	-	-	0.51	-	-	-	-	1.49	0.60	-			
	<b>Peru</b>	-	-	-	-	0.45	-	-	-	-	-	4.10	-			
	<b>Uruguay</b>	1.44	-	-	-	0.74	-	-	-	-	1.49	1.04	-			
	<b>Venezuela</b>	1.92	-	-	-	0.67	-	-	-	-	0.90	-	-			
<b>Africa</b>	<b>Botswana</b>	-	-	-	-	0.30	0.21	-	-	-	1.49	0.30	-			
	<b>DR Congo</b>	-	-	-	-	0.04	-	-	-	-	-	1.03	-			
	<b>Egypt</b>	1.92	0.57	-	-	0.51	-	0.85	0.54	-	1.49	0.68	-			
	<b>South Africa</b>	1.44	0.36	-	-	0.30	-	-	-	-	0.90	0.52	-			
	<b>Tanzania</b>	1.92	0.41	-	-	0.73	-	-	-	-	0.90	0.57	-			
	<b>Tunisia</b>	1.44	0.72	-	-	0.58	-	-	-	-	0.90	1.16	-			
<b>Middle East</b>	<b>Lebanon</b>	2.88	-	-	-	0.58	-	-	-	-	0.90	0.51	-			
	<b>Saudi Arabia</b>	2.40	0.93	-	-	0.91	-	0.31	0.24	-	0.90	1.07	-			
	<b>Turkey</b>	2.88	0.74	-	-	0.71	-	-	0.70	-	1.49	1.17	-			
	<b>UAE</b>	2.40	0.90	1.18	-	0.56	-	0.72	0.86	-	0.90	0.66	-			
<b>Exchange rate</b> (January 26, 2009)	1 USD =	52.13	69.68	49.04		49.69		12.95	79.55		79.47	114.20				
<b>Source</b>	<b>Roshan Telecom</b>	<a href="http://www.roshan.af/wp-content/uploads/Post-paid_Roaming_Prices.xlsx.pdf">http://www.roshan.af/wp-content/uploads/Post-paid_Roaming_Prices.xlsx.pdf</a>	<b>Grameen Phone</b>	<a href="http://www.grameenphone.com/index.php?id=234">http://www.grameenphone.com/index.php?id=234</a>	<b>Bhutan Telecom</b>	<a href="http://www.druknet.bt/btelecom/index.php?option=com_content&amp;task=view&amp;id=30&amp;Itemid=44">http://www.druknet.bt/btelecom/index.php?option=com_content&amp;task=view&amp;id=30&amp;Itemid=44</a>	<b>Bharti Airtel</b>	<a href="http://www.airtel.in/Prepaid_tariffs.aspx?path=1/6/6/2&amp;cid=2">http://www.airtel.in/Prepaid_tariffs.aspx?path=1/6/6/2&amp;cid=2</a>	<b>Dhiraagu</b>	<a href="http://www.dhiraagu.com.mv/mobile/international_services/postpaid_charges.php">http://www.dhiraagu.com.mv/mobile/international_services/postpaid_charges.php</a>	<b>Spice Nepal</b>	<a href="http://www.spicenepal.com/index.php?option=com_content&amp;task=view&amp;id=99">http://www.spicenepal.com/index.php?option=com_content&amp;task=view&amp;id=99</a>	<b>Mobilink GSM</b>	<a href="http://www.moblinkgsm.com/IR/Tariffs.pdf">http://www.moblinkgsm.com/IR/Tariffs.pdf</a>	<b>Dialog GSM</b>	Tariff sent by the customer service agent

Table 3: Cost in USD for Outgoing call to Home country while roaming

Roaming In ↓		Home Country												
		Afghan istan	Bangla desh	Bhutan		India		Maldiv es	Nepal			Pakist an	Sri Lanka	
				Peak	Off- peak	Peak	Off- peak		Peak	Off- peak	Econo my		Peak	Off Peak
SAARC	Afghanistan		2.2	-	-	1.56	-	-	2.12	-	-	2.25	3.63	-
	Bangladesh	1.92		0.71	-	0.26	0.21	0.92	0.69	0.64	-	1.49	0.81	0.75
	Bhutan	-	2.13			1.50	-	3.12	2.02	-	-	-	3.01	-
	India	3.84	2.12	2.27	-			3.25	1.99	-	-	-	2.63	-
	Maldives	1.92	1.58	-	-	2.30	-		1.96	-	-	2.25	2.24	-
	Nepal	3.84	1.02	1.19	-	1.07	-	-				2.25	1.38	-
	Pakistan	1.92	0.27	0.46	-	-	-	-	0.31	-	-		0.80	0.60
	Sri Lanka	5.75	2.11	2.13	-	1.75	1.40	0.73	2.03	1.68	1.42	2.99		
South East Asia	Malaysia	5.75	2.31	-	-	2.30	-	3.80	2.83	1.89	-	3.49	2.61	-
	Singapore	3.84	1.84	1.40	-	1.61	-	2.89	1.45	-	-	2.25	4.91	-
	Thailand	3.84	1.69	1.85	-	1.61	-	2.29	0.78	-	-	2.25	3.33	-
East Asia	China	3.84	2.17	-	-	2.11	-	3.45	-	-	-	2.25	2.04	-
	Hong Kong	3.84	1.93	1.89	-	2.18	-	2.58	1.41	-	-	2.25	2.04	-
	Japan	-	3.13	4.04	-	2.85	1.81	2.50	2.34	1.77	-	2.25	4.31	-
Australasia	Australia	5.28	2.07	3.89	-	1.81	-	10.73	-	-	-	2.99	4.53	-
Europe	France	3.84	3.00	3.67	-	2.60	-	3.69	2.02	-	-	2.99	3.79	-
	Germany	3.84	2.24	-	-	2.03	-	2.93	1.08	-	-	3.2	2.43	-
	Italy	5.75	3.57	2.72	-	1.20	-	4.61	3.30	-	-	3.49	4.14	-
	Sweden	5.75	2.52	-	-	2.60	-	-	2.69	-	-	3.2	0.78	-
	Switzerland	5.75	3.19	3.37	2.60	2.27	-	-	-	-	-	3.49	2.97	-
	UK	5.75	3.9	2.78	2.38	2.33	1.97	3.54	1.42	-	-	3.49	2.73	-
North America	Bahamas	-	-	-	-	3.91	-	-	-	-	-	-	2.30	-
	Canada	5.75	1.96	1.73	-	1.91	-	-	-	-	-	2.99	4.14	-
	Cuba	-	-	-	-	4.50	-	-	-	-	-	-	4.13	-
	Mexico	5.75	3.29	-	-	2.25	-	4.73	2.21	-	-	4.95	2.64	-
	US	5.75	1.20	2.61	-	2.53	-	6.19	4.61	-	-	2.99	4.67	-



Table 4: Sending and SMS while roaming

Roaming In ↓		Home Country							
		Afghanistan	Bangladesh	Bhutan	India	Maldives	Nepal	Pakistan <sup>2</sup>	Sri Lanka
SAARC	Afghanistan		0.50	-	0.49	-	0.48	0.37	0.57
	Bangladesh	0.58		0.15	0.14	0.17	0.16	0.37	0.19
	Bhutan	-	0.35		0.30	0.38	0.31	-	0.38
	India	0.58	0.43	0.46		0.53	0.40	-	0.53
	Maldives	0.58	0.25	-	0.24		0.43	0.37	0.29
	Nepal	0.58	0.20	0.24	0.19	-		0.37	0.28
	Pakistan	0.58	0.19	0.23	-	-	0.18		0.23
	Sri Lanka	0.58	0.23	0.23	0.23	0.32	0.22	0.37	
South East Asia	Malaysia	0.58	0.33	-	0.2	0.37	0.31	0.37	0.39
	Singapore	0.58	0.24	0.24	0.2	0.26	0.23	0.37	0.32
	Thailand	0.58	0.40	0.34	0.3	0.39	0.33	0.37	0.32
East Asia	China	0.58	0.29	-	0.3	0.28	-	0.37	0.34
	Hong Kong	0.58	0.39	0.34	0.4	0.38	0.37	0.37	0.44
	Japan	-	0.24	0.26	0.2	0.30	0.32	0.37	0.31
Austral-asia	Australia	0.58	0.31	0.33	0.3	0.37	-	0.37	0.30
Europe	France	0.58	0.29	0.30	0.2	0.33	0.26	0.37	0.33
	Germany	0.58	0.29	-	0.3	0.25	0.27	0.37	0.25
	Italy	0.58	0.40	0.20	0.2	0.37	0.30	0.37	0.32
	Sweden	0.58	0.33	-	0.3	-	0.27	0.37	0.31
	Switzerland	0.58	0.28	0.29	0.3	-	-	0.37	0.35
	UK	0.58	0.22	0.20	0.2	0.24	0.21	0.37	0.20
North America	Bahamas	-	-	-	0.2	-	-	-	0.40

<sup>2</sup> In SMS are charged USD 0.13

	<b>Canada</b>	0.58	0.30	0.26	0.2	-	-	0.37	0.40							
	<b>Cuba</b>	-	-	-	1.0	-	-	-	1.15							
	<b>Mexico</b>	0.58	0.35	-	0.2	0.40	0.24	0.37	0.29							
	<b>US</b>	0.58	0.30	0.36	0.3	0.30	-	0.37	0.47							
<b>South America</b>	<b>Argentina</b>	0.58	-	-	0.2	-	0.19	0.37	0.28							
	<b>Brazil</b>	0.58	0.75	-	0.4	0.30	0.29	0.37	-							
	<b>Chile</b>	-	0.25	-	0.2	-	-	0.37	0.24							
	<b>Peru</b>	-	-	-	0.1	-	-	-	-							
	<b>Uruguay</b>	0.58	-	-	0.2	-	-	0.37	0.29							
	<b>Venezuela</b>	0.58	-	-	0.3	-	-	0.37	-							
<b>Africa</b>	<b>Botswana</b>	-	-	-	0.0	-	-	0.37	0.15							
	<b>DR Congo</b>	-	-	-	0.2	-	-	-	0.23							
	<b>Egypt</b>	0.58	0.29	-	0.3	0.34	0.27	0.37	0.34							
	<b>South Africa</b>	0.58	0.10	-	0.1	-	-	0.37	0.22							
	<b>Tanzania</b>	0.58	0.15	-	0.4	-	-	0.37	0.20							
	<b>Tunisia</b>	0.58	0.14	-	0.2	-	-	0.37	0.49							
<b>Middle East</b>	<b>Lebanon</b>	0.58	-	-	0.3	-	-	0.37	0.51							
	<b>Saudi Arabia</b>	0.58	0.43	-	0.4	0.22	0.21	0.37	0.49							
	<b>Turkey</b>	0.58	0.23	-	0.2	-	0.22	0.37	0.40							
	<b>UAE</b>	0.58	0.52	0.28	0.3	0.27	0.30	0.37	0.31							
<b>Exchange rate</b> (January 26, 2009)	1 USD =	52.13	69.68	49.04	49.69	12.95	79.55	79.47	114.20							
<b>Source</b>	<b>Roshan Telecom</b>	<a href="http://www.roshan.af/web/wp-content/uploads/Post-paid_Pre-paid_Roaming_Prices.xlsx.pdf">http://www.roshan.af/web/wp-content/uploads/Post-paid_Pre-paid_Roaming_Prices.xlsx.pdf</a>	<b>Grameen Phone</b>	<a href="http://www.grameenphone.com/index.php?id=234">http://www.grameenphone.com/index.php?id=234</a>	<b>Bhutan Telecom</b>	<a href="http://www.drunknet.bt/btelecom/index.php?option=com_content&amp;task=view&amp;id=30&amp;Itemid=44">http://www.drunknet.bt/btelecom/index.php?option=com_content&amp;task=view&amp;id=30&amp;Itemid=44</a>	<b>Bharti Airtel</b>	<a href="http://www.airtel.in/Prepaid_tarrifs.aspx?path=1/6/6/2&amp;cid=2">http://www.airtel.in/Prepaid_tarrifs.aspx?path=1/6/6/2&amp;cid=2</a>	<b>Dhiraagu</b>	<a href="http://www.dhiraagu.com.mv/mobile/international_services/postpaid_charges.php">http://www.dhiraagu.com.mv/mobile/international_services/postpaid_charges.php</a>	<b>Spice Nepal</b>	<a href="http://www.spicenepal.com/index.php?option=com_content&amp;task=view&amp;id=99">http://www.spicenepal.com/index.php?option=com_content&amp;task=view&amp;id=99</a>	<b>Mobilink GSM</b>	<a href="http://www.mobilinkgsm.com/IR/Tariffs.pdf">http://www.mobilinkgsm.com/IR/Tariffs.pdf</a>	<b>Dialog GSM</b>	Tariff sent by the customer service agent

## About International Roaming Benchmarks:

LIRNEasia compiles and publishes the above

Please visit

<http://lirneasia.net/projects/2008-2010/indicators-continued/benchmarks/>

*LIRNEasia is a regional think tank whose mission is to improve the lives of the people of the emerging Asia- Pacific by facilitating their use of ICTs and related infrastructures; by catalyzing the reform of laws, policies and regulations to enable those uses through the conduct of policy-relevant research, training and advocacy with the emphasis on building in-situ expertise.*

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<sup>i</sup> Indicates the unavailability of tariff