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Supplement 3
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SERIES D: GENERAL TARIFF PRINCIPLES

General tariff principles – Charging and accounting in the
international telephone service

Accounting rate principles for the international
telephone service

**Supplement 3: Updated teledensities and
indicative target settlement rates
(1 January 2004)**

ITU-T Recommendation D.140 (2002) – Supplement 3

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ITU-T Recommendation D.140

Accounting rate principles for the international telephone service

Supplement 3

Updated teledensities and indicative target settlement rates (1 January 2004)

Source

Supplement 3 to ITU-T Recommendation D.140 (2002) was agreed on 4 June 2004 by ITU-T Study Group 3 (2001-2004).

FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

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ITU-T Recommendation D.140

Accounting rate principles for the international telephone service

Supplement 3

Updated teledensities and indicative target settlement rates (1 January 2004)

1 Introduction

ITU-T Study Group 3 had continued its study on the issue of accounting rate reform through the previous study period and succeeded in compiling Annex E/D.140, which provided guidelines for bilateral negotiations of transitional arrangements towards cost-orientation. Furthermore, WTSA instructs Study Group 3 to "publish updated indicative target rates calculated on the basis of the latest data as a supplement to ITU-T Rec. D.140" on the consideration that "the indicative target rates in Annex E/D.140 were calculated using 1998 data".

Pursuant to this instruction, Study Group 3, at its meeting in December 2001, decided to publish updated indicative target rates calculated on the basis of the latest data annually.

2 Updated table of countries/territories according to their teledensity

The updated table of countries/territories according to their teledensity, as of 1 January 2004 is available in Appendix I.

3 Updated indicative target rates

Updated indicative target rates calculated on the basis of year 2004 data are as follows:

Teledensity	$T \leq 1$	$1 < T \leq 5$	$5 < T \leq 10$	$10 < T \leq 20$	$20 < T \leq 35$	$35 < T \leq 50$	$T > 50$
Indicative target rates	0.0553	0.0500	0.0737	0.0550	0.0523	0.0227	0.0201

For small island-states, which are defined as having a population of less than 300 000 inhabitants, distant from a continental mainland, off the main cable routes and therefore reliant on satellite communications, the indicative target rate of 0.0916 SDR per minute may be used. The countries/territories within this category may choose to adhere to this target or to the one relevant to its teledensity.

For Least Developed Countries, which are recognized by the United Nations, the indicative target rate of 0.0723 SDR per minute may be used. The countries/territories within this category may choose to adhere to this target or to the one relevant to its teledensity.

This Supplement is published for information purposes only and does not replace the target rates in Annex E/D.140.

4 Appendix II provides a summary of the settlement rates and indicative target rates for different teledensity groups.

Appendix I

Updated table of groups of countries/territories (2004)

T ≤ 1 (Group A)	1 < T ≤ 5 (B)	5 < T ≤ 10 (C)	10 < T ≤ 20 (D)	20 < T ≤ 35 (E)	35 < T ≤ 50 (F)	T > 50 (G)
Afghanistan*	Bhutan*	Albania	Armenia	Argentina	Antigua & Barbuda+	Andorra
Angola*	Comoros*	Algeria	Azerbaijan	Bahrain	Aruba	Anguilla+
Bangladesh*	Côte d'Ivoire	Bolivia	Belice	Belarus	Ascension+	Australia
Benin*	D.P.R. Korea	Botswana	Cape Verde*	Bosnia	Austria	Bermuda
Burkina Faso*	Djibouti*	Cuba	Dominican Rep.	Brazil	Bahamas+	British Virgin Islands+
Burundi*	Equatorial Guinea*	Guatemala	Ecuador	Brunei Darussalam	Barbados+	Canada
Cambodia*	Gabon	Guyana	Egypt	Chile	Belgium	Cayman Islands+
Cameroon	Gambia*	Kyrgyzstan	El Salvador	China	Bulgaria	Cyprus
Central African Rep.*	Ghana	Maldives*+	Fiji	Colombia	Croatia	Denmark
Chad*	Honduras	Marshall Islands+	Georgia	Cook Islands+	Czech Republic	Falkland Islands (Malvinas)+
Congo	India	Mayotte+	Jordan	Costa Rica	Estonia	Faroe Islands
DPR Congo*	Indonesia	Micronesia+	Kazakstan	Dominica+	Finland	France
Eritrea*	Iraq	Mongolia	Kuwait	French Guyana	Greenland	Germany
Ethiopia*	Kenya	Namibia*	Libya	French Polynesia+	Greece	Gibraltar
Guinea*	Kiribati*+	Oman	Malaysia	Grenada+	Guadeloupe	Guam
Guinea-Bissau*	Lesotho*	Peru	Mexico	Iran (I.R.)	Hungary	Guernsey
Haiti*	Morocco	Samoa*+	Moldova	Jamaica	Ireland	Hong Kong, China
Lao P.D.R.*	Mauritania*	Turkmenistan	Nauru+	Latvia	Israel	Iceland+
Liberia*	Nepal*	Tuvalu*+	Panama	Lebanon	Italy	Japan
Madagascar*	Nicaragua*	Uzbekistan	Saudi Arabia	Lithuania	Korea (Rep.)	Jersey
Malawi*	Pakistan	Viet Nam	South Africa	Mauritius	Macao, China	Liechtenstein
Mali*	Papua New Guinea	Wallis and Futuna+	Suriname	New Caledonia+	Martinique	Luxembourg
Mozambique*	Paraguay	West Bank and Gaza	Syria	Niue+	Montserrat+	Malta
Myanmar*	Philippines		Thailand	Poland	Neth. Antilles+	Monaco

T ≤ 1 (Group A)	1 < T ≤ 5 (B)	5 < T ≤ 10 (C)	10 < T ≤ 20 (D)	20 < T ≤ 35 (E)	35 < T ≤ 50 (F)	T > 50 (G)
Niger*	S.Tomé and Príncipe*+		Tonga+	Puerto Rico	New Zealand	Netherlands
Nigeria	Senegal*		Tunisia	Qatar	Northern Mariana Islands+	Norway
Rwanda*	Solomon Islands*		Venezuela	Romania	Portugal	St. Pierre and Miquelon
Sierra Leone*	Sri Lanka			Russia	Reunion	Sweden
Somalia*	Sudan*			Serbia & Montenegro	Singapore	Switzerland
Tanzania*	Swaziland			Seychelles+	Slovenia	Taiwan, China
Uganda*	Tajikistan			Slovak Republic	San Marino	United Kingdom
Zambia*	Togo*			St. Helena+	Spain	United States
	Vanuatu*+			St. Lucia+	St. Kitts and Nevis+	Virgin Islands (US)
	Yemen*			St. Vincent+		
	Zimbabwe			TFYR Macedonia		
				Trinidad & Tobago		
				Turkey		
				Turks & Caicos+		
				Ukraine		
				Uruguay		
				United Arab Emirates		

* Least Developed Country (LDC) and "as if LDC"
+ Small island state
NOTE – Teledensity: As of 1 January 2004.

Appendix II

Summary of settlement rates and indicative target rates, for different teledensity groups

Expressed in SDRs per minute. Teledensity (T) is telephone lines per 100 inhabitants

Definition	Group A	Group B	Group C	Group D	Group E	Group F	Group G
	Teledensity $T \leq 1$	Teledensity $1 < T \leq 5$	Teledensity $5 < T \leq 10$	Teledensity $10 < T \leq 20$	Teledensity $20 < T \leq 35$	Teledensity $35 < T \leq 50$	Teledensity $T > 50$
No. of countries/territories	32	35	23	27	41	33	33
Number of replies from countries/territories	3	7	4	6	6	3	2
Number of data used from the previous survey	4	3	2	1	1	3	5
Average settlement rate (Target rates)	0.0553	0.0500	0.0737	0.0550	0.0523	0.0227	0.0201
Minimum settlement rate in countries/territories	A: 0.03 B: 0.042 C: 0.05 D: 0.08 E: 0.08 F: 0.05	A: 0.0151 B: 0.03 C: 0.03 D: 0.06 E: 0.095 F: 0.07	A: 0.03 B: 0.07 C: 0.09 D: 0.11	A: 0.03 B: 0.04 C: 0.06 D: 0.065 E: 0.08	A: 0.0135 B: 0.025 C: 0.045 D: 0.05 E: 0.055 F: 0.06 G: 0.07 H: 0.10	A: 0.00836 B: 0.014 C: 0.014 D: 0.02 E: 0.03 F: 0.05	A: 0.0127 B: 0.015 C: 0.02 D: 0.021 E: 0.022 F: 0.03
NOTE 1 – Target rates are based on the average of the minimum settlement rates collected in each category.							
NOTE 2 – The data used to define teledensity groups is valid for 1 January 2004.							
NOTE 3 – Each country/territory is treated as a single data item. Where there are multiple operators, the average is taken.							
NOTE 4 – For small island states and Least Developed Countries, separate categories are proposed.							

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