



## Spectra/W (1010) from USA

Rates Shown in U.S. Dollar/minute

Effective Date: November 26, 2003

To	Rate	To	Rate	To	Rate
Afghanistan	0.570	Belgium Mobile	0.247	Colombia - Medellin	0.090
Alaska	0.070	Belgium-Premium	0.247	Colombia - Palmira	0.075
Albania	0.157	Belize	0.217	Colombia - Pereira	0.083
Albania-Mobile	0.175	Belize-Mobile	0.216	Colombia Mobile	0.106
Albania-Tirana	0.128	Benin	0.172	Colombia-Barranquill	0.072
Algeria	0.207	Benin-Mobile	0.172	Comoro Is	0.317
American Samoa	0.155	Bermuda	0.108	Congo	0.194
Andorra	0.110	Bhutan	0.218	Congo Dem Rep	0.330
Andorra-Mobile	0.282	Bolivia	0.172	Cook Is	0.730
Angola	0.230	Bolivia-Cochabamba	0.100	Costa Rica	0.108
Angola-Mobile	0.247	Bolivia-La Paz	0.100	Costa Rica Mobile	0.104
Anguilla	0.178	Bolivia-Mobile	0.192	Croatia	0.081
Antarctica	0.483	Bolivia-Santa Cruz	0.098	Croatia - Zagreb	0.081
Antarctica - Casey	0.442	Bosnia Herzegovina	0.205	Croatia Mobile	0.226
Antigua & Barbuda	0.200	Bosnia Mobile	0.267	Cuba	0.885
Arg. Buenos A Mobile	0.167	Botswana	0.137	Cuba - Guantanamo	1.100
Argentina	0.062	Botswana-Mobile	0.146	Cyprus	0.101
Argentina - Buenos A	0.038	Brazil	0.086	Cyprus Mobile	0.118
Argentina-Mobile	0.167	Brazil - Sao Paulo	0.045	Cyprus North	0.120
Armenia	0.219	Brazil Mobile	0.204	Czech Rep	0.050
Armenia Mobile	0.403	Brazil-Bela Horizant	0.068	Czech Rep - Prague	0.047
Armenia-Yerevan	0.139	Brazil-Rio deJaneiro	0.049	Czech Rep Mobile	0.221
Aruba	0.153	British VI	0.150	Denmark	0.044
Ascension Is	0.951	Brunei	0.093	Denmark Mobile	0.260
Australia	0.043	Brunei-Mobile	0.090	Diego Garcia	1.470
Australia - Sydney	0.040	Bulgaria	0.128	Djibouti	0.318
Australia Mobile	0.230	Bulgaria - Sofia	0.056	Dominica	0.201
Australia-Adelaide	0.042	Bulgaria Mobile	0.174	Dominica-Audiot	0.216
Australia-Brisbane	0.040	Burkina Faso	0.197	Dominican Rep	0.103
Australia-Canberra	0.043	Burundi	0.156	Dominican Rep Mobile	0.193
Australia-Hobert	0.043	Cambodia	0.475	Dominican Rep-Santo	0.100
Australia-Melbourne	0.040	Cambodia-Mobile	0.481	East Timor	2.035
Australia-Perth	0.043	Cambodia-Phnom Penh	0.463	Ecuador	0.182
Austria	0.048	Cameroon	0.274	Ecuador - Cuenca	0.167
Austria - Vienna	0.043	Cameroon-Douala	0.257	Ecuador - Quito	0.205
Austria Mobile	0.225	Cameroon-Mobile	0.274	Ecuador Mobile	0.163
Austria-M. Connect	0.225	Canada	0.040	Egypt	0.297
Austria-M. Max	0.225	Cape Verde Is	0.303	Egypt - Cairo	0.311
Austria-M. Mobilkom	0.225	Cayman Is	0.138	Egypt-Mobile	0.242
Austria-M. Teling	0.225	Central African Rep	0.186	El Salvador	0.147
Austria-Premium	0.225	Chad	0.306	El Salvador Mobile	0.155
Azerbaijan	0.308	Chad-Mobile	0.320	Equatorial Guinea	0.301
Azerbaijan Mobile	0.307	Chile	0.045	Eritrea	0.372
Bahamas	0.102	Chile Mobile	0.200	Estonia	0.119
Bahrain	0.235	Chile-Easter Islands	0.045	Estonia Mobile	0.400
Bahrain-Mobile	0.230	China	0.064	Ethiopia	0.412
Bangladesh	0.510	Christmas Is	0.320	Ethiopia-Addis Ababa	0.411
Barbados	0.196	Cocos Is	0.320	Ethiopia-Mobile	0.411
Belarus	0.259	Colombia	0.102	Faeroe Is	0.176
Belarus Mobile	0.280	Colombia - Bogota	0.066	Falkland Is	0.604
Belgium	0.046	Colombia - Cali	0.062	Fiji	0.462

## Spectra/W (1010) from USA

Rates Shown in U.S. Dollar/minute

Effective Date: November 26, 2003

To	Rate	To	Rate	To	Rate
Fiji Isl-Mobile	0.443	Haiti-Port Au Prince	0.179	Korea Mobile	0.126
Finland	0.054	Hawaii	0.070	Korea North	0.752
Finland Mobile	0.230	Honduras	0.330	Kuwait	0.185
Finland-Helsinki	0.049	Honduras-Mobile	0.348	Kuwait-Mobile	0.187
France	0.046	Hong Kong	0.089	Kyrgyzstan	0.240
France - Paris	0.042	Hungary	0.072	Kyrgyzstan Mobile	0.245
France Mobile	0.228	Hungary - Budapest	0.064	Laos	0.159
France-Premium	0.223	Hungary Mobile	0.255	Latvia	0.209
French Guiana	0.189	Iceland	0.063	Latvia Mobile	0.350
French Guiana-Mobile	0.225	Iceland-Mobile	0.262	Lebanon	0.209
French Polynesia	0.269	India	0.240	Lebanon Mobile	0.382
Gabon	0.179	India - Mobile	0.190	Lebanon-Beirut	0.225
Gabon-Mobile	0.179	India-Bombay Mobile	0.190	Lesotho	0.126
Gambia	0.243	Indonesia	0.111	Liberia	0.255
Georgia	0.118	Indonesia - Jakarta	0.062	Liberia-Mobile	0.254
Georgia - Tbilisi	0.106	Indonesia - Surabaya	0.089	Libya	0.200
Georgia Mobile	0.259	Indonesia Mobile	0.175	Lichtenstein-Mobile	0.124
Germany	0.048	Inmarsat	4.700	Liechtenstein	0.070
Germany - Berlin	0.045	Iran	0.200	Lithuania	0.179
Germany - Frankfurt	0.048	Iran-Tehran	0.086	Lithuania Mobile	0.280
Germany Mobile	0.350	Iraq	0.757	Luxembourg	0.051
Germany-Dusseldrof	0.048	Iraq-Baghdad	0.710	Luxembourg Mobile	0.241
Germany-Hamburg	0.048	Ireland	0.045	Macao-Mobile	0.085
Germany-Mobile Eplus	0.262	Ireland - Dublin	0.042	Macao	0.083
Germany-Premium	0.265	Ireland Mobile	0.222	Macedonia	0.248
Ghana	0.144	Iridium	2.407	Macedonia Mobile	0.334
Ghana Mobile	0.161	Israel	0.078	Madagascar	0.279
Ghana-Accara	0.116	Israel Mobile	0.179	Madagascar-Mobile	0.290
Gibraltar	0.134	Israel-Palestine	0.138	Malawi	0.095
Gibraltar-Mobile	0.196	Italy	0.043	Malawi-Mobile	0.101
Greece	0.062	Italy-Mobile	0.248	Malaysia	0.077
Greece-Athens	0.059	Italy-Premium	0.271	Malaysia - K Lampur	0.077
Greece-Mobile	0.198	Ivory Coast	0.188	Malaysia - Malacca	0.077
Greenland	0.600	Ivory Coast-Abidjan	0.193	Malaysia - Penang	0.077
Greenland-Mobile	0.510	Ivory Coast-Mobile	0.237	Malaysia Mobile	0.111
Grenada	0.174	Jamaica	0.136	Malaysia-Johor Bahru	0.077
Guadeloupe	0.153	Jamaica-Kingston	0.116	Maldives	0.358
Guadeloupe-Mobile	0.230	Jamaica-Mobile	0.213	Maldives-Mobile	0.358
Guam	0.063	Japan	0.073	Mali	0.262
Guatemala	0.168	Japan - Tokyo	0.073	Malta	0.204
Guatemala City	0.167	Japan Mobile	0.284	Malta-Mobile	0.235
Guatemala-Mobile	0.168	Jordan	0.296	Mariana Is	0.235
Guin.Bissau-Mobile	0.781	Jordan-Amman	0.291	Marshall Is	0.470
Guinea	0.165	Jordan-Mobile	0.412	Martinique	0.220
Guinea Bissau	0.810	Kazakhstan	0.260	Martinique-Mobile	0.240
Guinea-Mobile	0.164	Kenya	0.320	Mauritania	0.304
Guyana	0.478	Kenya-Mobile	0.349	Mauritios-Mobile	0.291
Guyana-Georgetown	0.459	Kenya-Mombassa	0.220	Mauritius	0.263
Guyana-Mobile	0.460	Kenya-Nairobi	0.245	Mayotte Is	0.285
Haiti	0.187	Kiribati	0.580	Mexico	0.143
Haiti-Mobile	0.255	Korea	0.068	Mexico City	0.058

## Spectra/W (1010) from USA

Rates Shown in U.S. Dollar/minute

Effective Date: November 26, 2003

To	Rate	To	Rate	To	Rate
Mexico EA	0.095	Nigeria	0.138	Russia	0.119
Mexico On-Net	0.097	Nigeria - Lagos	0.088	Russia - Moscow	0.059
Mexico On-Ring	0.093	Nigeria-Akure	0.167	Russia-St Petersburg	0.059
Mexico-Guadalajara	0.058	Nigeria-Benin	0.144	Rwanda	0.162
Mexico-Monterrey	0.061	Nigeria-Ibadan	0.140	Rwanda-Mobile	0.195
Micronesia	0.435	Nigeria-Kano	0.193	San Marino	0.062
Moldova	0.186	Nigeria-Makurdi	0.185	Sao Tome & Principe	1.151
Moldova Mobile	0.242	Nigeria-Mobile	0.269	Saudi Arabia	0.299
Monaco	0.077	Nigeria-Mobile Lagos	0.096	Saudi Arabia-Jeddah	0.190
Monaco-Mobile	0.097	Niue Is	0.779	Saudi Arabia-Mobile	0.423
Mongolia	0.109	Niue Isl-Mobile	0.777	Saudi Arabia-Riyadh	0.190
Montserrat	0.245	Norfolk Is	0.434	Senegal	0.237
Montserrat-Audiot	0.246	Norfolk Isl-Mobile	0.503	Senegal-Dakar	0.221
Morocco	0.381	Norway	0.043	Senegal-Mobile	0.247
Morocco-Casablanca	0.336	Norway Mobile	0.214	Seychelles	0.246
Morocco-Mobile	0.431	Oman	0.440	Seychelles-Mobile	0.244
Morocco-Rabat	0.324	Oman-Mobile	0.428	Sierra Leone	0.351
Mozambique	0.158	Pakistan	0.360	Sierra Leone-Fretown	0.232
Mozambique-Maputo	0.164	Palau	0.385	Sierra Leone-Mobile	0.370
Mozambique-Mobile	0.180	Panama	0.158	Singapore	0.055
Myanmar	0.390	Panama Mobile	0.213	Singapore Mobile	0.057
Myanmar-Rangoon	0.390	Panama-Panama City	0.108	Slovakia	0.082
Namibia	0.170	Papua New Guin.-Mob	0.580	Slovakia Mobile	0.246
Namibia-Mobile	0.199	Papua New Guinea	0.329	Slovakia-Bratislava	0.082
Nauru	0.950	Paraguay	0.163	Slovenia	0.075
Nauru-Mobile	1.300	Paraguay-Asuncion	0.122	Slovenia Mobile	0.265
Nepal	0.379	Paraguay-Mobile	0.240	Solomon Is	0.877
Nepal-Kathmandu	0.383	Peru	0.106	Solomon-Mobile	0.878
Nepal-Mobile	0.390	Peru - Lima	0.050	Somalia	0.780
Neth-M-KPN	0.300	Peru Mobile	0.269	South Africa	0.093
Neth-M-ORa	0.300	Peru-Lima Mobile	0.258	South Africa Mobile	0.234
Neth-M-TL2	0.300	Philippines	0.199	South Africa-Capet	0.093
Neth-M-TLF	0.300	Philippines Mobile	0.241	South Africa-Durban	0.093
Neth-M-TMb	0.300	Poland	0.054	Spain	0.043
Neth-M-VDF	0.300	Poland - Warsaw	0.054	Spain - Barcelona	0.043
Neth. Antilles-Curac	0.165	Poland Mobile	0.255	Spain - Madrid	0.043
Neth. Antilles-Mobile	0.208	Poland Premium	0.303	Spain Mobile	0.280
Netherlands	0.039	Portugal	0.060	Spain Mobile PP	0.280
Netherlands Antilles	0.176	Portugal - Lisbon	0.053	Spain PP	0.280
Netherlands-Amster	0.039	Portugal - Madeira	0.054	Spain-Bealrics	0.043
Netherlands-Mobile	0.300	Portugal Mobile	0.281	Spain-Canary Isl	0.043
Nevis	0.247	Puerto Rico	0.054	Sri Lanka	0.300
New Caledonia	0.332	Qatar	0.375	Sri Lanka-Colombo	0.302
New Caledonia-Mobile	0.334	Qatar-Mobile	0.381	St. Helena	0.657
New Zealand	0.039	Reunion Is	0.184	St. Kitts	0.207
New Zealand Mobile	0.284	Reunion Is-Mobile	0.259	St. Lucia	0.231
New Zealand-Auckland	0.040	Romania	0.125	St. Pierre & Miq	0.218
Nicaragua	0.209	Romania - Bucharest	0.094	St. Vincent & Gren	0.241
Nicaragua Mobile	0.209	Romania Mobile	0.275	St. Vincent-Mobile	0.240
Nicaragua-Managua	0.207	Romania-Mob. Conex	0.313	Sudan	0.263
Niger	0.177	Romania-Mob. Orang	0.277	Suriname	0.276

## Spectra/W (1010) from USA

Rates Shown in U.S. Dollar/minute

Effective Date: November 26, 2003

To	Rate	To	Rate
Suriname-Mobile	0.289	UAE-Mobile	0.418
Swaziland	0.139	UK	0.048
Sweden	0.049	UK - SS	0.363
Sweden Mobile	0.255	UK Mobile	0.363
Sweden-Mob. Comviq	0.255	UK-Local Prem.	0.363
Sweden-Mob. Euro	0.255	UK-National Prem.	0.363
Sweden-Mob. Telia	0.255	UK-Personal	0.363
Sweden-Premium	0.255	USA	0.049
Sweden-Stockholm	0.040	USVI	0.052
Switzerland	0.046	Uganda	0.151
Switzerland - Geneva	0.043	Uganda Mobile	0.151
Switzerland - Zurich	0.043	Uganda-Kampala	0.139
Switzerland Mobile	0.328	Ukraine	0.169
Switzerland-Lausanne	0.043	Ukraine Mobile	0.185
Switzerland-M Diax	0.328	Uruguay	0.136
Switzerland-M Orange	0.328	Uruguay-Mobile	0.220
Switzerland-M Swsco	0.328	Uruguay-Montvideo	0.104
Switzerland-Premium	0.328	Uzbekistan	0.209
Syria	0.562	Vanuatu	0.568
Syria-Mobile	0.562	Vanuatu-Mobile	0.568
Taiwan	0.066	Vatican City	0.046
Taiwan -Taipei	0.066	Venezuela	0.096
Taiwan Mobile	0.161	Venezuela - Caracas	0.067
Tajikistan	0.315	Venezuela Mobile	0.220
Tajikistan Mobile	0.284	Venezuela-Maracaibo	0.080
Tanzania	0.296	Vietnam	0.543
Tanzania-Dar es SLM	0.380	Vietnam Mobile	0.563
Thailand	0.124	Vietnam-Ho Ch Mobile	0.552
Thailand - Bangkok	0.083	Wallis & Futuna	1.300
Thailand Mobile	0.127	Western Samoa	0.400
Thuraya	1.300	Yemen	0.423
Togo	0.228	Yemen Arab Rep-Sana	0.296
Togo-Lome	0.230	Yugos/Serbia-Belgrde	0.100
Togo-Mobile	0.231	Yugoslavia	0.134
Tokelau	0.339	Yugoslavia Mobile	0.276
Tonga	0.240	Zambia	0.117
Trinidad & Tobago	0.159	Zimbabwe	0.096
Trinidad-Mobile	0.162	Zimbabwe-Mobile	0.135
Tunisia	0.262		
Tunisia-Mobile	0.268		
Tunisia-Tunis	0.264		
Turkey	0.172		
Turkey Mobile	0.225		
Turkey-Istanbul-Asia	0.131		
Turkey-Istanbul-Euro	0.131		
Turkmenistan	0.301		
Turks & Caicos Is	0.183		
Turks/Caicos-Audiot	0.184		
Tuvalu	0.631		
Tuvalu-Mobile	0.633		
UAE	0.415		