

## **SERVICE DESCRIPTION 3-5: WHOLESAL INTERNATIONAL SWITCHED SERVICE**

### **1 THE SERVICE**

The **Wholesale International Switched Service** is a wholesale international switched service provided by Batelco for the carriage of International Direct Dialed Calls from an agreed point of interconnection to a Called International Number located in an Authorised Destination, as further described in this Service Description.

**Available to:** Public telecommunications operator with an individual international services licence.

**Traffic:** Telephone Calls which originate in Bahrain only and are to be delivered to a destination outside Bahrain only.

**Reciprocal Service:** Not required.

### **2 DEFINITIONS**

Capitalised terms not defined in this Service Description are defined in the Dictionary. Terms defined in this Service Description are specific to it.

**Access Seeker** means: (a) a Licensed operator of the PSTN or GSM Network directly connecting the Mobile Number or PSTN Number from which the International Direct Dialed Call is made; or (b) a Licensed operator providing a carrier pre-select service for a customer directly connected to a Network of another Licensed Operator.

**Authorised Destination** means a destination outside Bahrain to which Batelco supplies the Wholesale International Switched Service.

**Called International Number** is a number associated with a public network in an Authorised Destination to which Batelco's Network is directly or indirectly connected to which an International Direct Dialed Call is placed.

**Calling Party** means the Access Seeker customer who initiates an International Direct Dialed Call.

**International Direct Dialed Call** means an outbound international Telephone Call made by directly dialling a Called International Number (prefixed by the relevant country and area codes).

### **3 TERMS**

#### **3.1 Access Provider**

Batelco is the Access Provider.

### **3.2 Prerequisites**

Batelco shall not be obliged to supply the Wholesale International Switched Service unless and until:

- (a) either the In-Span Interconnect Link Service or the CSI Link Service is established;
- (b) the parties have established with Batelco the Point of Interconnection at which the parties agree the Access Seeker will handover International Direct Dialed Calls to Batelco;
- (c) the Access Seeker can provide Batelco with:
  - (i) if the Access Seeker operates a Mobile Network, the Mobile Terminating Access Service in accordance with the Service Description; and
  - (ii) if the Access Seeker operates a PSTN, the PSTN Terminating Access Service in accordance with the Service Description; and
- (d) the parties have successfully completed any pre-commissioning testing requirements of such interconnect link service set out in the Joint Working Manual.

### **3.3 Handover**

The Access Seeker must hand over the International Direct Dialed Call to Batelco:

- (a) at the agreed Point of Interconnection; and
- (b) in accordance with all applicable terms of this Service Description, the Supply Terms and relevant technical and operational requirements notified by Batelco to the Access Seeker from time to time.

### **3.4 Conveyance**

Subject to the Access Seeker's compliance with the Forecasting Procedures, Batelco shall convey International Direct Dialed Calls between the relevant Point of Interconnection and the Called International Number.

### **3.5 Refiling and Transit**

The Access Seeker must not use the Wholesale International Switched Service for refiling or transit of traffic to or from Authorised Destinations.

### **3.6 Echo Control**

Echo control will be provided in accordance with the Joint Working Manual.

### **3.7 Provision of tones and Network announcements**

- (a) If an International Direct Dialed Call from a Calling Party is unsuccessful within the Access Provider's Network, the Access Provider may connect the International Direct Dial Call to information tones or network announcements.

- (b) Details of the requirements for information tones and network announcements will be set out in the Joint Working Manual.

### **3.8 Signalling interconnection**

The transfer of signals to support the establishment, maintenance and clear down of the Telephone Calls will be via the signalling interconnection specified in the Joint Working Manual.

### **3.9 Associated information signals**

- (a) The International Direct Dialed Calls will be handed over to the Access Provider at the relevant Point of Interconnection with information signals provided in the associated signalling system.
- (b) The format of information in the signals referred to in paragraph (a) will be in accordance with ISUP specification set out in the Joint Working Manual.

### **3.10 Provision of CLI**

- (a) The SS7 signalling provided by the Access Seeker must include the provision of CLI information in a format which allows the Access Provider to unambiguously derive the full Mobile Number or PSTN Number of the Calling Party to the full extent that the provision of such CLI information is capable of being supported by SS7 signalling.
- (b) The Access Seeker must obtain from the Regulator any approvals or licences necessary for exchange of CLI information (none is required as at the date of first publication).

### **3.11 Nature of switchports**

- (a) International Direct Dialed Calls will be delivered to the Access Provider at 2.048 Mbit/s Switchports via a Point of Interconnection.
- (b) The Switchports will operate at 2.048 Mbit/s in accordance with the Joint Working Manual.

### **3.12 Send and receive speech levels**

The send and receive levels for speech will be in accordance with the Joint Working Manual.

### **3.13 Calling number display**

The parties will comply with the provisions relating to calling number display where set out in the Joint Working Manual.

### **3.14 Customer Billing**

The Access Seeker shall be responsible for billing the Calling Party for the end-to-end International Direct Dialed Call.

### 3.15 Charges

The Access Seeker shall pay Batelco the relevant Charges for the conveyance of each International Direct Dialed Call by Batelco from the relevant Point of Interconnection to the Called International Number, determined as set out below in accordance with Schedule 3.

## 4 CHARGES FOR WHOLESALE INTERNATIONAL SWITCHED SERVICES

Charges for Wholesale IDD (for all users) will be as follows from the date of publication of the Reference Offer of which this forms part.

**Facility Charge:** 6000BD/mth payable per calendar month to be billed in advance. This Charge will be credited against actual call Charges incurred for the Wholesale International Switched Service used during the calendar month in relation to which the fee has been paid.

**Forecast Rebate:** Where (a) the Licensed Operator provides a forecast of minutes to be carried in accordance with the forecast procedure; and (b) the traffic carried by Batelco for that Licensed Operator in a calendar month falls within the range of minutes which is 10% less than the forecast number of minutes and 9% more than the forecast number of minutes; and (c) the traffic is less than 500,000 minutes for that calendar month, then Batelco will grant the Licensed Operator a rebate of 5% off the invoice which would otherwise be issued for the month for the balance due after taking into account the Standby Facility Fee already paid.

## WS IDD Rates

Effective date: 4<sup>th</sup> December 2007

Destinations	Service	New rate in BDH
AFGHANISTAN		0.0876
ALASKA		0.0174
ALBANIA	Fixed	0.0333
ALBANIA	Mobile	0.0707
ALGERIA	Fixed	0.0480
ALGERIA	Mobile	0.0546
AMERICAN SAMOA		0.0333
ANDORRA		0.0978
ANGOLA		0.0709
ANGUILLA		0.0801
ANTIGUA		0.0449
ARGENTINA		0.0397
ARMENIA		0.0640
ARUBA		0.0688
Destinations	Service	New rate in BDH

ASCENSION		0.1605
AUSTRALIA	Fixed	0.0118
AUSTRALIA	Mobile	0.0574
AUSTRIA		0.0756
AZERBAIJAN		0.0537
BAHAMAS		0.0170
BANGLADESH	Fixed	0.0287
BANGLADESH DHAKA & CHITTAGONG		0.0265
BANGLADESH	Mobile	0.0310
BARBADOS		0.0762
BELARUS		0.0812
BELGIUM		0.0839
BELIZE		0.0782
BENIN		0.0450
BERMUDA		0.0263
BHUTAN		0.0584
BOLIVIA		0.0400
BOSNIA		0.0798
BOTSWANA		0.0661
BRAZIL		0.0781
BRITISH VIRGIN IS.		0.0457
BRUNEI		0.0212
BULGARIA		0.0991
BURKINA FASO		0.0669
BURUNDI		0.0400
CAMBODIA		0.0420
CAMEROON		0.0699
CANADA		0.0087
CAPE VERDE IS.		0.0900
CAYMAN ISLAND		0.0626
CENTRAL AFRICA		0.0926
CHAD		0.0514
CHILE		0.0595
CHINA		0.0104
COLOMBIA		0.0389
COMOROS		0.1191
CONGO		0.0444
CONGO REPUBLIC ZAIRE		0.0994
COOK ISLAND		0.2030
COSTA RICA		0.0229
CROATIA		0.0697
CUBA		0.3329
CUBA GUANTANAMO		0.2909
CYPRUS		0.0217
CZECH		0.0617
DENMARK		0.0672
DIEGO GARCIA		0.2521
DJIBOUTI		0.1179
DOMINICA IS.		0.0735
DOMINICAN REP.		0.0442
ECUADOR		0.0688
EGYPT	Fixed	0.0530
EGYPT	Mobile	0.0476

Destinations	Service	New rate in BDH
EL SALVADOR		0.0423
EQUATORIAL GUINEA		0.0736
ERITERIA		0.0941
ESTONIA		0.0926
ETHIOPIA	Fixed	0.0842
ETHIOPIA	Mobile	0.0896
FALKLAND		0.1803
FAROE ISLAND		0.0576
FIJI		0.0813
FINLAND		0.0501
FRANCE	Fixed	0.0101
FRANCE	Mobile	0.0545
FRENCH GUIANA		0.0993
FRENCH POLYNESIA (TAHITI)		0.0692
GABON		0.0276
GAMBIA		0.0886
GERMANY	Fixed	0.0104
GERMANY	Mobile	0.0610
GHANA		0.0571
GIBRALTER		0.0951
GREECE	Fixed	0.0112
GREECE	Mobile	0.0953
GREENLAND		0.1898
GRENADA		0.0724
GUADELOPE		0.1028
GUAM		0.0125
GUATEMALA		0.0461
GUINEA BISSAU		0.2026
GUINEA REP.		0.0631
GUYANA		0.0903
HAITI		0.0791
HAWAI		0.0121
HONDURAS		0.0669
HONGKONG		0.0121
HUNGARY MOBILE		0.0638
ICELAND MOBILE		0.0814
INDIA		0.0302
INDONESIA	Fixed	0.0380
INDONESIA	Mobile	0.0459
IRAN	Fixed	0.0350
IRAN	Mobile	0.0410
IRAQ	Fixed	0.0258
IRAQ	Mobile	0.0516
IRELAND	Fixed	0.0102
IRELAND	Mobile	0.0700
IRIDIUM		1.3323
ITALY	Fixed	0.0105
ITALY	Mobile	0.1047
IVORY COAST		0.0744
JAMAICA		0.0744
JAPAN	Fixed	0.0138
JAPAN	Mobile	0.0469

JORDAN	Fixed	0.0160
Destinations	Service	New rate in BDH
JORDAN	Mobile	0.0340
KAZAKHISTAN		0.0518
KENYA		0.0718
KIRIBATI		0.1781
KOREA NORTH		0.1576
KOREA SOUTH		0.0219
KUWAIT	Fixed	0.0450
KUWAIT	Mobile	0.0566
KYRGHYZSTAN		0.0401
LAOS		0.0249
LATVIA		0.0644
LEBANON	Fixed	0.0401
LEBANON	Mobile	0.0683
LESOTHO MOBILE		0.0881
LIBERIA		0.0858
LIBYA		0.0858
LIECHTENSTAN		0.1576
LITHIANIA		0.0593
LUXEMBOURGE		0.0760
MACAO		0.0284
MACEDONIA		0.0928
MALAGASY		0.0807
MALAWI		0.0248
MALAYSIA	Fixed	0.0123
MALAYSIA	Mobile	0.0185
MALDIVES		0.0792
MALI		0.0792
MALTA		0.0965
MARIANA IS.		0.0185
MARSHALL IS.		0.0926
MARTINIQUE		0.1028
MAURITANIA		0.0745
MAURITIUS		0.0590
MAYOTTE ISLAND		0.1075
MEXICO		0.0337
MICRONESIA		0.0798
MOLDOVA		0.0707
MONACO		0.0908
MONGOLIA		0.0612
MONTSERRAT		0.0521
MOROCCO	Fixed	0.0573
MOROCCO	Mobile	0.0896
MOZANBIQUE		0.0650
MYANMAR		0.0996
NAMIBIA		0.0781
NAURU		0.3058
NEPAL		0.0750
NETHERLANDS ANTILLES		0.0428
NEW CALEDONIA		0.0909
NEW ZEALAND	Fixed	0.0130
NEW ZEALAND	Mobile	0.0698
NICARAGUA		0.0748

NIGER		0.0480
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Destinations	Service	New rate in BDH
NIGERIA		0.0624
NIUE		0.2124
NORFOLK		0.3088
NORWAY		0.0713
OMAN	Fixed	0.0450
OMAN	Mobile	0.0670
PAKISTAN	Fixed	0.0244
PAKISTAN	Mobile	0.0244
PALASTINE		0.0866
PALAU		0.1136
PANAMA		0.0408
PAPUA NEW GUINEA		0.2238
PARAGUAY		0.0480
PERU		0.0744
PHILIPPINES	Fixed	0.0468
PHILIPPINES	Mobile	0.0534
POLAND		0.0346
PORTUGAL		0.0670
PUERTO RICO		0.0123
QATAR	Fixed	0.0580
QATAR	Mobile	0.0877
RAWANDA		0.0442
REUNION		0.0858
ROMANIA ORANGE		0.0713
RUSSIA		0.0243
S.AFRICA	Fixed	0.0240
S.AFRICA	Mobile	0.0609
SAMOA WEST		0.1246
SAN MARINO		0.0163
SAO TOME		0.3466
SAUDI	Fixed	0.0476
SAUDI	Mobile	0.0665
SENEGAL		0.0811
SEYCHELLES		0.0431
SIERRA LEONE		0.0670
SINGAPORE		0.0096
SLOVAK		0.0660
SLOVANIA		0.0999
SOLOMON ISLAND		0.3013
SOMALIA		0.1662
SPAIN	Fixed	0.0104
SPAIN MOBILE	Mobile	0.0686
SRILANKA	Fixed	0.0396
SRILANKA	Mobile	0.0444
ST. HELENA		0.2843
ST. KITTS & NEVIS		0.0756
ST. LUCIA		0.0705
ST. PIERRE & MIQUELON		0.1170
ST. VINCENT & GRENADINES		0.0705
SUDAN		0.0499
SURINAM		0.0720
SWAZILAND		0.0612

SWEDEN		0.0707
SWITZERLAND		0.1109
Destinations	Service	New rate in BDH
SYRIA	Fixed	0.0598
SYRIA	Mobile	0.0800
TAIWAN		0.0287
TAJIKISTAN		0.0375
TANZANIA		0.0538
THAILAND	Fixed	0.0130
THAILAND	Mobile	0.0125
THURAYA		0.3312
TOGOLAND		0.0484
TONGA		0.0638
TRINIDAD & TOBACO		0.0526
TUNISIA	Fixed	0.0582
TUNISIA	Mobile	0.0870
TURKEMANISTAN		0.0437
TURKEY		0.0565
TURKS & CAICOS		0.0791
TUVALU		0.1796
U.S. VIRGIN IS.		0.0125
UAE	Fixed	0.0477
UAE	Mobile	0.0677
UGANDA		0.0416
UK	Fixed	0.0098
UK	Mobile	0.0535
UKRAINE		0.0453
URUGUAY		0.0274
USA		0.0104
UZBEKISTAN		0.0299
VANUATU		0.1779
VENZEULA		0.0563
VIETNAM		0.0345
WALLIS & FUTUNA		0.3580
WESTERN SAMAO		0.1246
YEMEN	Fixed	0.0570
YEMEN	Mobile	0.0570
YOUGOSLAVIA		0.0877
ZAMBIA		0.0559
ZIMBABWE		0.1028