

OMAN MOBILE

REFERENCE

INTERCONNECTION

OFFER

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ANNEX C21

Call-by-Call Carrier Selection

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1 General

- 1.1 This Sub-Annex sets out Call-by-Call Carrier Selection (CCS) Service on Mobile Network.
- 1.2 This service is intended for International Calls only (i.e. calls dialed in the International format by dialing prefix "00"). This service is meant for only the voice calls and NOT THE DATA SERVICES.
- 1.3 CCS Service will be provided to the customers who have access to Oman Mobile networks except those calls and customers identified in the Section 9.
- 1.4 All calls from the Access Operator with a specific carrier prefix shall be handed over to the Selected Operator at the nearest existing POI specified in Sub Annex C01.
- 1.5 A caller's use of an implemented prefix will always override all other pre-defined routing.
- 1.6 This Sub Annex is an agreement covering the rules and agreements when Oman Mobile acts as an Access Operator according to the definitions in section 3 (Definitions) below and the Operator acts as a Selected Operator according to the definition in section (3) Definitions below..

2 The Service

- 2.1 The CCS is a service that allows the customer to select an alternative operator on a call-by-call basis. The customer decides that, for each originated international call, which operator will route the call by dialing the code prefixed to the International number and the call will be routed through that network regardless of the provider of the telephone line.
- 2.2 The Selected Operator, the customer chooses for calls, is responsible for the charging of the international calls that the customer makes. The customer continues to pay the Access Operator for the services it provides.
- 2.3 The Selected Operator chosen by the customer for international calls is also responsible to pay the Access Operator for the cost of originating the call and other relevant charges as identified in Sections 10 and 11 of this Annexure.

3 Definition

- 3.1 **Access Operator** – is any Class I licensee who is having access to its own subscribers. In this document it refers to Oman Mobile.
- 3.2 **Call-by-Call Carrier Selected Service** - is the International voice call services.
- 3.3 **Call-by-call Carrier Selection (CCS)** - is the process whereby a subscriber may access an operator other than his access operator, or an operator that it has selected under CPS, on a call-by-call basis by adding a short access code to the front of a dialed number; irrespective of whether the access code is added either manually by the subscriber during the dialing process or automatically by terminal equipment such as an auto-dialer.
- 3.4 **Call-by-Call Selected Call** - is a Telephone Call made by the Access Operator Customer from the exchange line in respect of which the customer has selected the Call-by-Call selected service from a licensed Operator other than the Access Operator.
- 3.5 **Call Origination** – Is the carriage and handover of a CCS or CPS Call by the Access Operator in accordance with the terms of this service description.
- 3.6 **Carrier Pre-Selection (CPS)** - is the process whereby a subscriber may designate his choices of selected operator, or operators as the case may be, to provide his calls with the choice being affected by the network of Access Operator and not the subscriber or the subscriber's terminal equipment.
- 3.7 **Carrier Selection** - is the process whereby a subscriber may access an operator other than his access operator for the provision of calls. Carrier Selection consists of CCS and CPS.
- 3.8 **Carrier Selection Prefix** - is a set of digits that is allocated to either CCS or CPS selected operators.
- 3.9 **Customer** – is Access Operator's Subscriber to whom the Selected Operator provides the service. In this document it refers to Oman Mobile.
- 3.10 **Dialing Parity** - is the ability of customers to select different long destination or international operators without having to dial extra digits.
- 3.11 **International Call** means a call initiated by a subscriber connected to the network of a public fixed telephone network operator to a subscriber in other country by dialling an international prefix and the country code before the national number of the dialled subscriber connected to the public fixed or mobile communications network.

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- 3.12 **National Numbering Plan** - is the national numbering plan of the Sultanate of Oman.
- 3.13 **Out of Scope Access Customer** - is defined in section 9 of this document.
- 3.14 **Out of Scope Call** - is a call of a type listed in section 9 of this document.
- 3.15 **Out of Scope Service** – is an Out of Scope Call of a type listed in section 9 of this Service Description and any service in respect of an Out of Scope Access Customer listed in section 9 of this Service Description.
- 3.16 **Selected Operator** – is a telecommunications operator who is licensed to provide services that may be accessed by CCS or CPS and is selected by a subscriber for a given call.
- 3.17 **Traffic:** International Originated traffic (Voice)
- 3.18 **Transfer Request:** A request made by a customer of the Access Operator to the Other Operator for the use of CCS.

Definitions of all other terms are as in other relevant Annexure of this RIO.

4 Terms

4.1 Basic Condition:

Oman Mobile as an Access Operator shall not be obliged to supply the CCS Service unless and until:

4.1.1 The Operator also agree to provide such service.

4.1.2 Both parties agree upon the related business, IT and Routing processes, Prefix Coding Scheme and the Tariffs.

4.1.3 The Operator applies for the establishment of at least one Point of Interconnection specified in Sub Annex C01 from RIO where the Oman Mobile will handover CCS Calls to the Operator and the Operator CCS calls will be routed as per the agreed routing process. The Operator pays the appropriate charges as specified in C01.

4.1.4 The Parties establish Traffic Routes at the Point of Interconnection where traffic is handed over as specified in Sub Annex C02 & C03, and the operator pays the appropriate charges.

4.1.5 The Parties have successfully completed any pre-commissioning testing requirements set out in a Joint Working Manual to be developed.

4.2 Routing and Handover

Oman Mobile shall rout and handover CCS calls to the Selected Operator:

4.2.1 At the nearest existing Point of Interconnection; and

4.2.2 In accordance with the terms of this Service Description, the Supply Terms and relevant specifications notified by the Access Operator to the Selected Operator from time to time.

4.3 Conveyance

The Selected Operator shall convey CCS Calls from the Point of Interconnection to the Called Party such that on receipt of the initial digits of the Called Party's telephone number, the Selected Operator shall:

4.3.1 Immediately proceed to connect the calling party to the Called Party

- 4.3.2 Once the called party answers, the Selected Operator's system shall immediately return to the Access Operator an "address" complete message followed by an answer signal.
- 4.3.3 The Selected Operator is responsible for all arrangements for the conveyance from the Point of Interconnection of the Access Operator to the Called Party. For the avoidance of doubt, this service description does not include any services provided by the Selected Operator to the customer.
- 4.4 Customer Billing:
- 4.4.1 The Selected Operator is responsible for the charging of the international calls that the customer makes and also for any bad debt of the customer. The customer continues to pay the access operator for the services it provides.
- 4.4.2 Billing of services defined in this Sub Annex will be executed according to the procedures agreed upon between the parties.
- 4.5 Inter-Operator billing procedures shall be executed according to Annex B of this RIO.

5 Oman Mobile Origination Services

5.1 For CCS, Oman Mobile offers the below detailed services for Calls originated from it's own network and handed over to the Selected Operator at Oman Mobile POIs specified in Sub Annex C01:

No	Service	Definition
1	Mobile Call Origination	A Call handover from a mobile access point in Oman Mobile Network and delivered to the Selected Operator at a Point of Interconnect.

6 Forecasting

6.1 Link Forecasts

The Selected Operator must supply CCS call related trunks forecast in accordance with the Joint Working Manual to be developed.

6.2 Transfer Forecasts

The Selected Operator must supply monthly forecasts for Transfer Requests, in the form reasonably required by Oman Mobile from time to time, which forecasts shall:

- (a) be updated quarterly; and
- (b) cover a period of twelve months.

All other forecast requirements are in the relevant Annexure/s of RIO.

7 Fault management

7.1 Fault management

The fault management shall be handled in accordance with the agreed and established processes between the operators.

8 Out of Scope

Out of Scope Calls:

8.1 The following is the list of Out of Scope Calls for the purposes of this Service Description for the CCS Service. This list may be modified from time to time by the Access Operator with the consent of the Regulator:

8.1.1 All calls with domestic termination regardless of the type of network termination point.

8.1.2 All data calls or access to internet regardless of access point

9 Ordering and Delivery

9.1 Ordering and Delivery procedures;

9.1.1 For the establishment of Points of Interconnection, Port Capacity and Collocation shall be as in Annex H of RIO.

9.1.2 For Business and IT processes, Prefix Coding Scheme and the Routing processes shall be in accordance with the agreed and established processes between the Operators.

10 Charges for Establishment and Operation

- 10.1 Oman Mobile shall impose a one time charge for the establishment of a CCS – functionality per prefix installed.
- 10.2 To operate and maintain the CCS functionality, Oman Mobile shall charge an annual fee per prefix.
- 10.3 The above charges will be based on interconnection arrangements with the operator such as Points of Interconnection and the network structure.

11 Charges for Origination Services

11.1 The specific rate levels and tariff structure for Call Origination Services will be based on interconnection arrangements with the operator such as Points of Interconnection and the network structure.

11.2 The prices charged will be based on 24 hour average price. Oman Mobile might change this principle from time to time due to changes in the calculation methodology and may introduce peak and off-peak rates as well as other pricing regimes found more suitable.

11.3 Indicative per minute charges:

Service	Per Minute
Mobile Call Origination	16.6 Bz.

12 The Application Procedure

12.1 The Procedures

1. Operator should apply for establishing the Point of Interconnection with the Access Operator.
2. The Operator should apply for specific port capacity and routes to carry the CCS traffic once handed over at the Access Operator Point of Interconnect. (Implementation time frame in the RIO)
3. The Operator shall submit an order to the Access Operator for opening the Carrier Selection Prefix approved by the TRA.
4. The Parties shall to fulfill their role as Access Operator and open the CCS Prefix in all its exchanges.

For this service, the application procedures shall be in accordance with the agreed Business and IT processes, Prefix Coding Scheme and the Routing processes between the licensed and the requesting operators.