

**ANNEX C**  
**ANCILLARY SERVICES**

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**SPECIAL SERVICES**

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## 1. General

- 1.1 This Sub Annex sets out the special services for the Ooredoo Network to which Ooredoo shall offer access to and the charges which Ooredoo shall apply for relation to such access.
- 1.2 Ooredoo shall convey Calls during those periods of time and at the same standard and quality of service as Ooredoo conveys similar Calls to its customers.
- 1.3 Ooredoo Fixed shall accept and terminate all Calls to services contained in this Sub-Annex to numbers that form part of its number ranges as allocated by the TRA.
- 1.4 Both Parties shall correct faults that occur in their respective Networks which affect the conveyance of Calls in accordance with the Agreement where such faults affect directly or indirectly affect Traffic crossing an interconnection point between the Parties' Network. For the avoidance of doubt, neither Party warrants that its Network is, or will be, free from faults.

## 2. Access to Toll Free Numbers

2.1 Ooredoo shall offer to the Access Seeker, upon request, access to one or more Call services provided by customers of the Operators over the Operator's network through the use of a "Toll Free Number". For each Call by end users of the Access Seeker's network to the Operator's "Toll Free Numbers", the Operator will pay Access Seeker the termination charge according to Annex B-1. The Access Seeker is not entitled to charge its end users for Calls to the Operator's "Toll Free Numbers".

**Annex C.2**  
**IMPLEMENTATION OF NUMBER RANGES**

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## 1. General

- 1.1 Ooredoo delivers services to implement numbers in the Ooredoo Network. The services are charged and delivered according to the conditions stated in this Sub-Annex.
- 1.2 Ooredoo will only accept orders concerning number ranges that are allocated to the Access Seeker, according to the National Numbering Plan published by the TRA.

## 2. Number Implementation Service

- 2.1 Ooredoo offers a service of Number Implementation, that is, implementation of other parties' number ranges in the Ooredoo Network for the purposes of call routing. Ranges implemented may consist of complete or partial new number ranges or may be defined by any type of complete or partial variation of an existing number range or ranges previously implemented in the Ooredoo Network.
- 2.2 Ooredoo will only accept and implement orders concerning number ranges that are allocated to the seeking party (the "Access Seeker") same, according to the National Numbering Plan published by the TRA.
- 2.3 Ooredoo will invoice the Access Seeker according to the quantity and type or types of number contained in each order.

### 3. Charges & Delivery Times for Number Implementation

3.1 The following charges and delivery times shall apply for Number Implementation Services.

Table 1

Type of Number	Charges	Ooredoo Delivery Time from written Order acceptance
Fixed Network	As per Annex F - Pricing	22 Working Days
Toll-free number		22 Working Days
Mobile phone numbers (MSISDN)		22 Working Days
Premium rate numbers		22 Working Days
Other numbers		22 Working Days

## **Annex C.3**

### **Interconnection Links**

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## **1. General**

This Sub Annex sets out the Interconnection Links of Ooredoo's network.

## 2. Interconnection Links

### 2.1 Ooredoo Fixed Primary Level

Ooredoo Primary Switches are shown in Table 1 below for both National and International traffic. Table 1

No	Region	Location	Type	Code
	Sohar	Sohar	Huawei	2-2254
	Muscat	Bousher	Huawei	

Note: Ooredoo will have 2 switches, one in Sohar another in Bousher, using the same Dual homed SoftSwitch.

2.2 Ooredoo offers the establishment of Points of Interconnection at each of the international switches set out in Table 1, each of which allows the transit over Ooredoo network of calls which originate from networks within Oman and terminate in networks outside Oman, and vice versa.

### 2.3 Ooredoo Mobile

Ooredoo shall deploy Mobile Switching Centers (“MSCs”) as follows:

Table 2

Location	Type	Code	National Point Code
Muscat 1	Ericsson	MSC 1	2-1225
Muscat 2	Ericsson	MSC 2	2-1235
Nizwa1	Ericsson	MSC 3	2-2761
Nizwa 2	Ericsson	MSC 4	2-1737
Sohar 1	Ericsson	MSC 5	2-2251

2.4 Ooredoo offers the establishment of Points of Interconnection at each of the Interconnection switches set out in Table 2, each of which allows the set-up of Mobile calls.

### 2.5 Signaling

The Parties shall use the signaling protocol Signaling System No.7 for the purposes of interconnection between their networks, in accordance with relevant ITU-T and ETSI

standards and recommendations of Ooredoo and Access Seeker signalling system are based on ITU-T White Book and ETSI Version2.

**2.6** Ooredoo shall deploy Signaling Transfer Points (“STPs”) as follows:

Table 3

Location	Type	Code	National Point Code
Muscat 1	Ericsson	GMSC	2-1225
Nizwa 1	Ericsson	GMSC	2-2761
Nizwa 2	Ericsson	GMSC	2-2251

**2.7** Ooredoo shall provide the following interconnect links within 45 days of the request for both its fixed and mobile network:

- 2.7.1** In-building Interconnect (IBI) each party has its POI close to each other in the same building;
- 2.7.2** Customer Sited Interconnect (CSI) both parties have their POIs at the RPs premises; and
- 2.7.3** In-Span Interconnect (ISI) each party has its POI close to each other and each party provides the inter. link from its POI to its nearest exchange.

All Access and Interconnect Services shall be carried over these forms of Interconnect Links and any physical interconnect paths shall be constructed by mutual agreement when used for both parties’ services.

Availability of the interconnection links will be > 99% over the year, where the links are provided by Ooredoo.

### 3. Charges for Interconnection Links Links

**3.1** For each Interconnection Links the ordering party shall pay the other party an establishment fee as defined in Annex F - Pricing. For the avoidance of doubt, the Parties agree that the rental charge is not substitutive of any element of the charge for establishment referenced below. In each instance, the rental charge for the first year shall be invoiced on placement of order and shall be payable within 30 days. Rental charges for following years shall be invoiced on each annual anniversary of order, and shall become due for payment within 30 days.