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**SCHEDULE x111- TELSTRA DOMESTIC PSTN ORIGINATING ACCESS  
(WITH PRESELECTION)**

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<b>1. Definitions</b>	<b>3</b>
<b>2. Service Description</b>	<b>5</b>
<b>3. Routing</b>	<b>8</b>
<b>4. Preselection</b>	<b>9</b>
<b>5. Telstra Domestic Interconnection</b>	<b>10</b>
<b>6. End Customer Billing</b>	<b>10</b>

# Schedule x111 - Telstra Domestic PSTN Originating Access (with Preselection)

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## 1. Definitions

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1.1 In this Schedule the following terms have the following meaning:

**A party** means an End Customer making or originating a call.

**Call** means a communication (as defined in the Telecommunications Act) carried by a Network.

**CCA** means the defined area surrounding Telstra's Interconnect Gateway Exchange from which calls will be connected or handed over to the Access Seeker.

**C/CSP** means a Carrier or Carriage Service Provider.

**C/CSP Access Code** means a 14XX code or other code as determined by the ACA.

**C/CSP Specific Access Code** means:

- (a) an International Special Service Code (001X or 009X code or other code as determined by the ACA); or
- (b) a VPN Access Code (188X code or other code as determined by the ACA).

**CLI** means information generated by the Network capability which identifies the calling number.

**Communication Information** comprises the information to be provided by Telstra to the Access Seeker in accordance with the regulation made under section 152AR(6) and (7) of the TPA or, in the absence of such a regulation or if the regulation does not require Telstra to provide billing information in connection with matters associated with, or incidental to the supply of Telstra Domestic PSTN Originating Access, the billing information agreed by Telstra and the Access Seeker in an agreed form in respect of Telstra Domestic PSTN Originating Access.

**Designated Communication** means a Communication in connection with which Telstra Domestic PSTN Originating Access is provided.

**End Customer** means a person who contracts or agrees with Telstra or an Access Seeker, as the case requires, to acquire a carriage or content service from Telstra or the Access Seeker.

**End Customer Preselection** means the Preselection choice by an End Customer of the Access Seeker as its Prime Service Deliverer (as defined in the Preselection Code) for the supply to it of all of the Pre-Selectable Services.

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**Interconnect Gateway Exchange** means an exchange nominated by Telstra for the interconnection of Telstra's Network with that of the access Seeker.

**I-ISUP** means the ACIF G-500 Specification - Signalling System No 7 - Interconnect ISUP.

**ITU-T** means the International Telecommunications Union Telecommunications Standardisation Sections.

**Network** means a system or services of systems capable of carrying communications by means of guided or unguided electromagnetic energy.

**Network Conditioning** means the conditioning, equipping, installing and/or commissioning of equipment, software and infrastructure in Telstra's Network to enable the provision of the Services by Telstra.

**Numbering Plan** has the meaning given in the Telecommunications Act.

**POI** means an agreed location which:

- (a) is a physical point of demarcation between the Networks nominated by Telstra and the Access Seeker; and
- (b) is associated (but not reasonably co-located) with one or more of Telstra's Interconnect Gateway exchanges).

**Preselection** has the meaning given in the Preselection Code.

**Preselection Code** means the code of that name registered by the Australian Communications Authority under section 117 of the Telecommunications Act.

**Pre-Selectable Services** has the meaning given in the Preselection Code.

**Special Services Global Code** means:

- (a) a freephone service code (1800 code);
- (b) a charge card service code (181X code);
- (c) an information service code (190 code);
- (d) a 13 and 1300 code; and
- (e) other additional or replacement codes as determined by the ACA.

**Specified C/CSP Code** means a code which:

- (a) is specific to a C/CSP;
- (b) identifies Calls for the purpose of routing to a POI;

- (c) has been specified for Network Conditioning as part of the Service; and
- (d) is either a C/CSP Access Code, Special Services Global Code or C/CSP Specific Access Code.

**Switchports** means 2 Mbit/s trunk connections to an exchange to support interconnection comprising 31 time slots for speech or signalling and 1 time slot for synchronisation.

**Telstra Domestic Interconnection** means the interconnection service via CCS7 signalling provided by Telstra to allow the transfer of calls and associated information signals between Telstra's Network and the Access Seeker's Network as set out in Telstra's Schedule x301 Telstra Domestic Interconnection.

## 2. Service Description

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### Telstra Domestic PSTN Originating Access Service

- 2.1 The following service description is provided for Telstra Domestic PSTN Originating Access and applies to the provision of Telstra Domestic PSTN Originating Access by Telstra to the Access Seeker. Telstra Domestic PSTN Originating Access is:
  - (a) a Carriage Service; and
  - (b) a Declared Service.
- 2.2 Telstra Domestic PSTN Originating Access is a service for the carriage of telephone (ie. PSTN and PSTN equivalent such as voice from ISDN) Calls (ie. voice, data over the voice band) to a POI (determined in accordance with paragraph 3 of this Schedule) from End Customers assigned numbers from the geographic number ranges of the Numbering Plan, who are directly connected to a Telstra switched telephony Network and located in the CCA in which the POI is located.
- 2.3 Telstra Domestic PSTN Originating Access is provided on an End Customer Call that is made with one of the following methods of access:
  - (a) the Access Seeker's C/CSP Specific Access Code or the Access Seeker's Special Services Global Code is dialled (with some exceptions as per Telstra's Ordering and Provisioning Manual); or
  - (b) subject to paragraph 4.5, the Access Seeker's C/CSP Access Code is dialled in conjunction with:
    - (i) a national long distance geographic number; or
    - (ii) an international direct dial number; or

- (iii) a shared selectable number (as specified by the Numbering Plan) which is used as an operator assisted service; or
  - (iv) an international ring back pricing number; or
  - (v) a public mobile telecommunications service number.
- (c) the relevant End Customer has made an End Customer Preselection and the End Customer has not dialled another C/CSP Specific Access Code, Special Services Global Code or C/CSP Access Code.

### **Availability**

- 2.4 The availability of, and any service restrictions relating to, Telstra Domestic PSTN Originating Access in respect of various Call types will be set out and updated in Telstra's Ordering and Provisioning Manual.
- 2.5 The availability of Telstra Domestic PSTN Originating Access may vary depending on the geographic and technical capability of the Telstra Network at the time at which a request for the Telstra Domestic PSTN Originating Access is made or the Telstra Domestic PSTN Originating Access is to be delivered.
- 2.6 Telstra will provide from time to time, tables detailing the geographic number ranges where there are restrictions on the provision of Telstra Domestic PSTN Originating Access.

### **Customer Requested Barring**

- 2.7 End Customers may request generic or selective barring services which may restrict access to the use of Telstra Domestic PSTN Originating Access. Examples of Network based barring options available to End Customers include a Network option which is activated at the End Customer's request to provide override code barring. This barring will prevent callers from the End Customer's service from using override codes. Where an End Customer has requested barring to override codes, Telstra Domestic PSTN Originating Access may not be available through the use of override codes.
- 2.8 Details of the barring referred to in paragraph 2.7 of this Schedule will be set out in Telstra's Ordering and Provisioning Manual.

### **Echo Control**

- 2.9 Telstra will not provide echo control unless this is a requirement within Telstra's own Network for Calls between the End Customer and Telstra's Gateway Exchanges.
- 2.10 The Access Seeker must make appropriate arrangements for echo control in its own Network.

### **Provision of Tones and Network Announcements**

- 2.11 Where a Call from an End Customer attempting to use Telstra Domestic PSTN Originating Access to access the Access Seeker's Network does not progress to

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the relevant POI, Telstra may connect the Call to tones as per AUSTEL Technical Standard TS002 (as varied or replaced from time to time) or to a recorded voice announcement in the Telstra Network.

### **Signalling Interconnection**

- 2.12 Where Telstra Domestic PSTN Originating Access is provided in respect of a Call from an End Customer, the transfer of signals to support the establishment, maintenance and clear down of the Call will be via the signalling interconnection specified in Schedule x301 Telstra Domestic Interconnection.

### **Associated Information Signals**

- 2.13 Where Telstra Domestic PSTN Originating Access is provided in respect of a Call from an End Customer, the Call will be handed over to the Access Seeker at the relevant POI with information signals provided in the associated signalling system.
- 2.14 The format of information in the signals referred to in paragraph 2.13 of this Schedule will be in accordance with I-ISUP.

### **Presentation of the Called Number**

- 2.15 The format in which a called number will be presented will comply with the Interconnect Dial Plan outlined in I-ISUP.

### **Provision of CLI**

- 2.16 Where Telstra Domestic PSTN Originating Access is provided in respect of a Call from an End Customer, the CCS7 signalling for that access will include the provision of CLI information in a format which allows the Access Seeker to unambiguously derive the full national number of the line of that End Customer to the full extent that the provision of such CLI information is capable of being supported by CCS7 signalling.
- 2.17 The Access Seeker is required to obtain from the ACA any approvals or licences necessary for delivery of CLI information by Telstra.

### **Channel Capacity**

- 2.18 Telstra Domestic PSTN Originating Access will establish a connection for the purposes of voice communication with the standard bandwidth of 3.1kHz.

### **Nature of Switchports**

- 2.19 At POIs the Calls will be delivered to the Access Seeker at 2.048 Mbit/s Switchports. The Switchports will operate at 2.048 Mbit/s in accordance with the ITU-T Recommendations G.703, G. 704 and G.732 (Blue Book).

### **Send and Receive Speech Levels**

- 2.20 The send and receive levels for speech will be -13 dBr unless specified otherwise in ACIF G502 Specification - Australian Network Performance Plan.

### **Network Conditioning**

- 2.21 Network Conditioning at each Telstra Interconnect Gateway Exchange will be required in order to enable Telstra Domestic PSTN Originating Access to be supplied to the Access Seeker.
- 2.22 Unless otherwise agreed, the Access Seeker must request Network Conditioning and provision is subject to agreement between Telstra and the Access Seeker on an Interconnect Service Definition using the template contained in Telstra's OPM.

#### **Calling Number Display**

- 2.23 The parties will comply with the provisions relating to calling number display set out in Schedule x301 Telstra Domestic Interconnection.

#### **Communication Information**

- 2.24 Telstra will provide the Access Seeker with the Communication Information in respect of Designated Communications.

### **3. Routing**

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#### **Routing**

- 3.1 Calls originated by the A-party will be handed over by Telstra at POIs agreed by the Access Seeker and Telstra for the collection of those Calls.
- 3.2 Different routing arrangements may apply to Calls made using different Specified C/CSP Codes due to the different routing arrangements established in the Telstra Network from time to time.

#### **POI Locations**

- 3.3 Telstra will provide the Access Seeker with the POI Availability List in accordance with the Ordering and Provisioning Procedures listing the POIs where Telstra Domestic PSTN Originating Access may be provided. The Access Seeker may request a point of interconnection with Telstra's Network at a location other than a POI listed in the POI Availability List. Where such a request is made, Telstra will negotiate in good faith the possibility of locating a POI at that location in accordance with the Ordering and Provisioning Procedures and subject to, amongst other things, the reasonableness and the technical, commercial and operational feasibility of doing so.



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## 4. Preselection

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### General

- 4.1 Telstra will provide Preselection in accordance with the requirements set out in the Preselection Code and any relevant legislation and any determination or exemption as issued from time to time by the ACA or the ACCC and in accordance with this Schedule.

### Compliance with Preselection Code and ACIF Preselection Operations Manual

- 4.3 Telstra and the Access Seeker agree to comply with:
- (a) the terms of the Preselection Code; and
  - (b) a manual prepared, or to be prepared by ACIF, which is or will be known as the ACIF Preselection Operations Manual.

### Change in Preselection Code or ACIF Preselection Operations Manual

- 4.4 If:
- (a) the Preselection Code registered with the ACA is amended or replaced; or
  - (b) the ACIF Preselection Operations Manual is amended or replaced,

Telstra may at any time thereafter amend this Schedule so as to make it consistent with the registered Preselection Code, the amended or replaced registered Preselection Code or the amended or replaced ACIF Preselection Operations Manual, as the case requires.

### Availability of Preselection

- 4.5 Preselection will only be available where Telstra is required to provide it in accordance with the Preselection Code.

### Operational Procedures

- 4.6 To facilitate the exchange of data files associated with the operation of Access Seeker Preselection, it is necessary for a data communications link to be established between the Access Seeker and Telstra. The arrangements for the data communications link will be agreed between the Telstra and the Access Seeker. The provision of the associated data line will be at the Access Seeker's cost.
- 4.7 The data communications link referred to in paragraph 4.6 will be used to transmit the information in clause 16.2 of the Preselection Code (being requests for implementation or reversals of churns).

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## **5. Telstra Domestic Interconnection**

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- 5.1 Telstra Domestic Interconnection (Schedule x301) must be acquired before Telstra is able to supply the Access Seeker with Telstra Domestic PSTN Originating Access.

## **6. End Customer Billing**

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- 6.1 The Access Seeker is responsible for billing the End Customer utilising Telstra Domestic PSTN Originating Access, for the end-to-end Call provided by the Access Seeker to the End Customer.