

Appendix 7: Mark ups to WLR and LCS Service Descriptions

1 Introduction

This appendix sets out the amendments that Telstra considers should be made to the service descriptions for WLR, LCS and PSTN OA, referred to in Sections [4.3] and [5.2] in Telstra's submissions. For ease of reference, Telstra has marked-up its proposed changes to the current service descriptions for WLR, LCS and PSTN OA.

2 Wholesale Line Rental

The wholesale line rental service is a line rental telephone service which allows an end-user to connect to a carrier or carriage service provider's public switched telephone network, and provides the end-user with:

- a) an ability to make and receive any 3.1khz bandwidth calls (subject to any conditions that might apply to particular types of calls), including, but not limited to, local calls, national and international long distance calls; and
- b) a geographic telephone number,

except where the supply of the line rental telephone service is within the Central Business District Area of Sydney, Melbourne, Brisbane, Adelaide and Perth.

Definitions

Where words or phrases used in this declaration are defined in the ~~Trade Practices Act 1974~~ Competition and Consumer Act 2010 or the Telecommunications Act 1997, they have the same meaning given in the relevant Act.

In this Appendix:

Central Business District Area means the exchange service areas that are classified as CBD ~~for the purposes of the ordering and provisioning procedures as set out below:~~

<u>Exchange Name</u>	<u>Exchange Code</u>	<u>State</u>
<u>Batman</u>	<u>BATM</u>	<u>VIC</u>
<u>Bulwer</u>	<u>BWER</u>	<u>WA</u>
<u>Charlotte</u>	<u>CHLT</u>	<u>QLD</u>
<u>City South</u>	<u>CYSH</u>	<u>NSW</u>
<u>Dalley</u>	<u>DALL</u>	<u>NSW</u>
<u>Edison</u>	<u>EDSN</u>	<u>QLD</u>
<u>Exhibition</u>	<u>EXHN</u>	<u>VIC</u>
<u>Flinders</u>	<u>FLNF</u>	<u>SA</u>
<u>Haymarket</u>	<u>HMKT</u>	<u>NSW</u>
<u>Kent</u>	<u>KNST</u>	<u>NSW</u>
<u>Lonsdale</u>	<u>LONS</u>	<u>VIC</u>
<u>Pier</u>	<u>PIER</u>	<u>WA</u>
<u>Pitt</u>	<u>PITT</u>	<u>NSW</u>
<u>Spring Hill</u>	<u>SGHL</u>	<u>QLD</u>
<u>Waymouth</u>	<u>WAYM</u>	<u>SA</u>
<u>Wellington</u>	<u>WLTE</u>	<u>WA</u>

~~set out in the Telstra Ordering and Provisioning Manual as in force on the date of effect of the declaration.~~

public switched telephone network is a telephone network accessible by the public which is designed to enable a dedicated voice circuit to be established between two end points in the network for the duration of a single call connection by providing switching and transmission facilities and utilising analogue and digital technologies including, Time Division Multiplexing (TDM) to transport the call across the circuit.

3 Local Carriage Service

The local carriage service is a service for the carriage of telephone calls from customer equipment at an end-user's premises to separately located customer equipment of an end-user in the same standard zone, however, the local carriage service does not include services where the supply of the local carriage service originates from an exchange located within a Central Business District Area of Sydney, Melbourne, Brisbane, Adelaide or Perth and terminates within the standard zone which encompasses the originating exchange.

Definitions

Where words or phrases used in this declaration are defined in the ~~Trade Practices Act 1974~~ Competition and Consumer Act 2010 or the Telecommunications Act 1997, they have the meaning given in the relevant Act.

In this Appendix:

~~Central Business District Area~~ means the following exchange service areas that are classified as CBD for the purposes of the ordering and provisioning procedures set out in the Telstra Ordering and Provisioning Manual as in force on the date of effect of the renewed declaration:

<u>Exchange Name</u>	<u>Exchange Code</u>	<u>State</u>
<u>Batman</u>	<u>BATM</u>	<u>VIC</u>
<u>Bulwer</u>	<u>BWER</u>	<u>WA</u>
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public switched telephone network is a telephone network accessible by the public which is designed to enable a dedicated voice circuit to be established between two end points in the network for the duration of a single voice connection by providing switching and transmission facilities and utilising analogue and digital technologies, including, Time Division Multiplexing (TDM) to transport the call across the circuit.

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standard zone has the same meaning as in Part 4 of the Telecommunications (Consumer Protection and Service Standards) Act 1999.

telephone calls are calls for the carriage of communications at 3.1kHz bandwidth solely by means of a

public switched telephone network.

4 PSTN OA

An access service for the carriage of telephone (i.e. PSTN and PSTN equivalent such as voice from ISDN) calls (i.e. voice, data over the voice band) to a POI from end-customers assigned numbers from the geographic number ranges of the Australian Numbering Plan and directly connected to the Access Provider's network except that in the case of Pre-select and Override OA the service is only available in respect of end users directly connected to the Access Provider's public switched telephone network.

For the avoidance of doubt, the service also includes a service for the carriage of telephone calls from customer equipment at an end-user's premises to a POI, or potential POI, located at or associated with a local switch (being the switch closest to the end-user making the telephone call) and located on the outgoing trunk side of the switch.

public switched telephone network is a telephone network accessible by the public which is designed to enable a dedicated voice circuit to be established between two end points in the network for the duration of a single voice connection by providing switching and transmission facilities and utilising analogue and digital technologies, including, Time Division Multiplexing (TDM) to transport the call across the circuit.

The ~~S~~service as described comprises a number of different elements as follows:

- Access via Pre-selection, ~~AS number ranges such as those numbers listed in POASD7 or or~~ 14xy Override code (collectively referred to as "Pre-select and Override OA"), or AS number ranges such as those numbers listed in POASD7 as required to achieve the objective of any-to-any connectivity
- Call Barring
- POI Location
- Forwarding a call beyond the POI of table OASD2 to OASD3 where applicable (see POIs below)
- Signalling
- CLI provision
- Provision of Switchports
- Network Conditioning
- Fault Handling
- Inter C/CSP Billing
- Restrictions on availability and others factors relating to the provision of Access are further described below.

In accordance with the ~~Trade Practices Act 1974~~ Competition and Consumer Act 2011 Part XIC, these elements:

- may not be available from all APs
- may have restrictions in their availability

Availability

The availability of the services may vary depending on the geographic and technical capability of the AP's network at the time at which a request for the service is made or the service is delivered.

The AP will make available to ASs documents describing the availability of this service on its network. See Services & Interconnection hand over arrangements below.

Channel Capacity

The service will establish a connection for the purposes of voice communication with the standard bandwidth of 3.1kHz.

Services

The service is provided on a call that is made with:

- **p**Pre-selection, or
- a AS specific code including Special Services codes and number ranges (with some exceptions) as per table POASD7, or
- a long distance, international or shared operator codes dialled with an over-ride/access code in accordance with the Australian Numbering Plan.
- The AP will publish at least half yearly, tables detailing the geographic number ranges where there are restrictions on the provision of this service.

Service Restrictions

At least annually, the AP will advise of end-customer services that may restrict the provision of this service e.g. Real Time Metering in a Table POASD5.

Barring

The AP may provide a service that will allow barring of over-ride codes at the request of the end-customer.

End-customers may request generic barring services which may restrict access to these services.

The AP should detail this barring in a table POASD6.

Interconnection handover arrangements

The AP and the AS are each responsible for the provision, installation, testing, making operational and monitoring of all the network on their respective sides of the POI.

POIs

"Point of Interconnection" or "POI" means an agreed location which:

- is a physical point of demarcation between the networks nominated by the AS and the AP; and
- is associated (but not necessarily co-located with) with one or more gateway exchanges of each of the networks nominated by the AS and the AP in respect of the POIs nominated by the AP.
- Calls originated by the A-party will be handed over to the AS at Points of Interconnection agreed by the AS and the AP in accordance with POI locations and POI designation for codes.

POI locations

The AP will provide a table (Table POASD1) listing of POIs where this service may be provided. This listing will be updated at least annually. The AS may request a point of interconnect with the AP's

network at a location other than one specified by the AP. The AP must, to the extent technically and operationally feasible, permit the location of a point of interconnect at that location.

POI designation for codes

The AP will provide a table (Table POASD2) listing of the geographic number ranges associated with each POI. When Originating Access is being provided access from these codes will be provided at the corresponding POI. The POIs in table POASD2 will be the POI for "near end handover" of calls from the origins listed.

The AP will provide a table (Table POASD3) listing of POIs and of associated POIs from which traffic that could have been handed over as per table POASD2 may be collected. [Different charges will be payable where traffic that could have been collected at the POI in table POASD2 is collected at a POI in table POASD3.]

The AP will indicate how these tables POASD2 and POASD3 apply to the different call types of paragraph 1.3.

The provisions of this Service Description apply to traffic collected at POIs listed in Table POASD2 or POASD3

Signalling

Signals for this service will use CCS#7 signalling. Unless otherwise agreed, this CCS#7 signalling will be in accordance with the NIIF/ACIF Interconnection-ISUP specification.

The AP will provide a table (Table OASD4) of the locations where the AS may interconnect its CCS#7 signalling network with that of the AP for the purpose of accepting this service.

Signalling interconnection may not be provided at all POIs. The POIs of 1.4.1.1 may provide for interconnection of only voice circuits. Control of voice circuits where direct signalling interconnection is not provided, will be via "quasi-associated signalling" using Signalling Transfer Point (STP) operation, with signalling via a nominated other gateway where signalling interconnection is provided.

CLI

The CLI of the A-party will be provided as part of the CCS#7 signalling for this service.

Nature of switchports

At POIs the calls will be delivered to the AS at 2.048Mbit/sec Switchports. The switchports will operate at 2.048Mbit/sec in accordance with the ITU Recommendations G.703, G. 704 and G.732 (Blue Book).

Send and receive speech levels

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

The AP will not provide Echo Control unless this is a requirement within the AP's own network for calls between the end customer and the AP's gateway exchange.

Forecasting, ordering and provisioning arrangements

Interconnection forecasting and planning requirements

Forecast of port requirements

For each POI the AS should provide forecasts, at least half yearly, of switchport requirements for 6, 12,

18, 24, 30 and 36 months from the time of the forecast. Forecasts should be provided on dates to be agreed between the AP and the AS and forecast the switchport requirements from operative dates of 31 December and 30 June. Forecasts will be discussed by the AP and the AS with a view to agreement within 30 Business Days. Forecasts will be used by the AP for network planning and not for charging purposes.

Forecast of network capacity requirements

For each POI and for each of the AP's charging districts the AS should provide forecasts, at least half yearly, of traffic requirements for 6, 12, 18, 24, 30 and 36 months from the time of the forecast. These forecasts should provide daily and weekly profiles for the traffic forecasted and advice of any material non-uniformities in the dispersion of the sources of originating access traffic. Forecasts should be provided on dates to be agreed between the AP and the AS and forecast the traffic requirements from operative dates of 31 December and 30 June. Forecasts will be discussed by the AP and the AS with a view to agreement within 30 Business Days.

Ordering of Switchports

The AP will accept orders for switchports up to the level of the agreed forecasts for each POI. The AS should order switchports allowing 6 months for their provision.

The AP will provide access up to the level of the agreed traffic forecasts for each POI.

The AS may request and the AP will give reasonable consideration to such provision, but is under no obligation to provide access of switchports above the level of the agreed forecasts. If such access is provided, delivery times may be longer than those specified in Ordering of Switchports.

Interconnection Ordering Requirements

Compliance testing

The AS will be required to demonstrate compliance with the agreed CCS#7 signalling System prior to the provision of the service.

The AP and the AS will develop an agreed test plan and the AS will provide results of tests to this plan from an appropriate test house or other such party. The AP will provide results of such tests if it is not otherwise seeking a switched access service from the AS.

The AP and the AS shall review the test results of the agreed test plan within 20 business days and if the AP accepts that the test results of the agreed test plan are satisfactory then the AP and the AS will agree a date for commissioning tests.

The test results of the agreed test plan will form the prime documentary basis for ongoing operations, fault analysis and fault management of signalling between the AP and the AS.

Network Conditioning

Network Conditioning of the AP's network will be required before the provision of the service.

Operational and Fault handling arrangements

The AP will provide a contact point for the Operation and Maintenance of the service. Faults may be reported to this centre which will manage the clearance of these faults.

Inter C/CSP Billing frequency

The AP will invoice the AS on a monthly basis for this service.

Provision of Tones and Network Announcements

Where calls attempting this service do not progress to the POI the call may be connected to tones as per AUSTEL Technical Standard TS002 or to a network RVA in the AP's network.

Customer Billing

Customer billing should be in accordance with an approved telecommunications access code.