

### Appendix 3

#### Consolidated list of wholesale services

#### Determination on Markets and Competition Assessment

Note: (1) The following services have not been reproduced or described in this table:

(a) Withdrawn services

(b) Additional services applied for and excluded from this Determination by the Commission;

(c) Services withdrawn by TelstraClear

(2) Services withdrawn by TelstraClear on 12 February 2003 at the Wholesale conference and clarified in a letter to the Commission on 5 March 2003 are shaded

#### Competition Assessment

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
<b>SECTION 1: TELEPHONE SERVICES</b>						
<b>Connection Services</b>						
1.	Business Connection Services	“To obtain a connection to the Telecom Network customers are required to pay a connection fee. All fees include installation by Telecom of any jack points that might be required” (Telecom List of Charges (“TLOC”) Telephone Services 1.3)	Yes	<ul style="list-style-type: none"> <li>• the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> <li>• the market for the supply of local access services to SME customers in metropolitan areas.</li> <li>• the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>• Limited</li> <li>• Limited</li> <li>• Limited</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>
2.	Moving Premises	“When a business customer is moving premises they can choose one of two options” – (i) customer link or (ii) a discount (TLOC Telephone Services 1.4)	Not a service			
3.	Temporary Connection	“Business customers who wish to have a connection to the PSTN for less than the minimum contract period of 1 month, must pay a Temporary Connection Fee” (TLOC Telephone Services 1.5)	Yes	<ul style="list-style-type: none"> <li>• the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> <li>• the market for the supply of local access services to SME customers in metropolitan areas.</li> <li>• the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>• Limited</li> <li>• Limited</li> <li>• Limited</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>
4.	Change of Number	“Business Customers who request a change of telephone number will be charged the following: Connection Fee” (TLOC Telephone Services 1.7)	Yes	<ul style="list-style-type: none"> <li>• the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> <li>• the market for the supply of local access services to SME customers in metropolitan areas.</li> <li>• the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>• Limited</li> <li>• Limited</li> <li>• Limited</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
5.	Installation of Jackpoints - Business	“If a business customer required an additional extension or jack point to be installed, charges are as shown in the table..the charges also include installation by Telecom of any jack points that may be required” (TLOC Telephone Services 1.8)	Withdrawn			
6.	Reconnection	“This charge applies to customers who have been disconnected, for example, due to non-payment of an account. A customer who requests reconnection of telephone customer will be charge a reconnection charge” (TLOC Telephone Services 1.9)	Yes	• the market for the supply of local access services to Corporate customers in non-metropolitan areas.	• Limited	Yes
				• the market for the supply of local access services to SME customers in metropolitan areas.	• Limited	Yes
				• the market for the supply of local access services to SME customers in non-metropolitan areas.	• Limited	Yes
<b>Installation Charges</b>						
7.	Service Visits	“Each visit to a customer’s premises to undertake installation work will incur a service visit fee. Multiple visits due to no fault of the customer will not be charged multiple visit fees” (TLOC Telephone Services 2.1)	Yes	• the market for the supply of local access services to Corporate customers in non-metropolitan areas.	• Limited	Yes
				• the market for the supply of local access services to SME customers in metropolitan areas.	• Limited	Yes
				• the market for the supply of local access services to SME customers in non-metropolitan areas.	• Limited	Yes
8.	Lead-in Installation	“Telecom owns the service lead up to the network demarcation point. All materials associated with the access (cable, pipes, terminations and the External Test Point for single-line customers) are not charged to the customer. All other materials, including additional poles after the first-in pole in the case of overhead lead-ins, and all labour associated with the installation of the lead-in, such as trenching, installing poles, etc, will be charged to the customer.” (TLOC Telephone Services 2.2)	Yes	• the market for the supply of local access services to Corporate customers in non-metropolitan areas.	• Limited	Yes
				• the market for the supply of local access services to SME customers in metropolitan areas.	• Limited	Yes
				• the market for the supply of local access services to SME customers in non-metropolitan areas.	• Limited	Yes
9.	Change of Socket Types	“Changing the telephone socket from fixed wiring to a plug-in socket. Prices vary depending on whether more than one socket is changed at the same time and whether the customer supplies the socket.” (TLOC Telephone Services 2.4)	Withdrawn			
10.	Connection of Telephone Lines to Customer PBXs		Yes	• the market for the supply of local access services to Corporate customers in non-metropolitan areas.	• Limited	Yes
				• the market for the supply of local access services to SME customers in metropolitan areas.	• Limited	Yes
				• the market for the supply of local access services to SME customers in non-metropolitan areas.	• Limited	Yes

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
11.	Extension of Service Beyond the Telecom PSTN area	“In providing the service to a customer, it may be necessary to extend the Telecom PSTN either beyond a serviced area, or some distance away from existing reticulation within a serviced area. Different criteria will apply, depending on whether the customer is residential or business...” (TLOC Telephone Services 2.7)	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> <li>Limited</li> <li>Limited</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>
<b>PSTN Line Rental Charges</b>						
12.	Monthly Business Line Rental	“Telecom’s standard line rental charges.” (TLOC Telephone Services 3.1)	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> <li>Limited</li> <li>Limited</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>
13.	60 Plus Phone Option	“60 Plus is for those aged 60 and over and features a monthly line rental with a per minute local call charge.” (TLOC Telephone Services 3.2.3)	Withdrawn		Withdrawn	
14.	Digital Voice Access	“Digital Voice Access is an access option, which enables a range of Telecom network services to be provided via a single 2 Mbit/s digital interface. The following network services can be provided over a single D V A access: standard business lines, direct dial in, and dedicated voice services – Metroplitanlink and Tielines.” (TLOC Telephone Services 3.3)	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> <li>Limited</li> <li>Limited</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>
15.	Other Charges	Conversion charges apply when an existing 2Mbit/s access used for Digital Voice Access is converted to another 2Mbit/s service, for example High Speed (Wideband) D D S (“DDS”) or Integrated Services Digital Network (“ISDN”) P V A (“PRA”). (TLOC Telephone Services 3.4)	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> <li>Limited</li> <li>Limited</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>
<b>Maintenance Services</b>						
16.	Busy Line Verification	“This service is offered to customers who wish Telecom to check whether someone else’s line is busy or faulty” (TLOC Telephone Services 7.4)	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> <li>Limited</li> <li>Limited</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>
<b>Directory Listing</b>						

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
17.	Restricted and Non-listed Numbers	<p>“A ‘restricted’ number does not appear in the alphabetical directory and is not available from the Directory Assistance operator. A number (other than a “restricted” number) not listed in the alphabetical directory is available from Directory Assistance. It should be noted that “restricted” and not listed numbers will be disclosed to Emergency services, to other network operators, or when you make collect calls from your telephone</p> <p>Note: With a receptionist listing, the operator will enquire whether the customer wishes to take the call, before connecting the caller.”</p> <p>(TLOC Telephone Services 8.1)</p>	Withdrawn			
<b>Directory Assistance</b>						
18.	Directory Assistance	<p>“There is a charge for the provision of Directory Assistance to cover the cost of searching Telecom’s Directory Assistance database. Two numbers can be handled per charge and up to 10 numbers handled per call”</p> <p>“Telecom offers a multi-listing service where customers requiring greater than 10 numbers may fax lists of names and addresses to Directory Assistance, the operators search the directory database during off-peak period and fax the information back to the customer”</p> <p>(TLOC Telephone Services 9.1)</p>	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of directory assistance to business customers.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
19.	Direct Connect	<p>“This service allows the caller to connect to the number they have requested from Directory Assistance by pressing 1.”</p> <p>(TLOC Telephone Services 9.2)</p>	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of directory assistance to business customers.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
<b>Rental of Telephones</b>						
20.	Monthly Rental Telephone	<p>“Charges apply to the rental of Telecom Rental Phones”</p> <p>(TLOC Telephone Services 10.1)</p>	No			

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
<b>Enhanced PSTN Services</b>						
21.	Smartphone Services	<p>“The following Smartphone services are available from Telecom, subject to the capability of the customer’s local exchange:</p> <p>(1) Quick Dial – enables telephone numbers to be reduced to a 3-digit code for rapid dialling. Available for up to 20 different telephone numbers;</p> <p>(2) Call diversion (call forwarding) – immediate / no answer / group diversion / busy / multiple;</p> <p>(3) Remote Divert Service – this service is only available in conjunction with Call Diversion. This service enables a Call Diversion customer to control their Smartphone Call Diversion facility from another phone;</p> <p>(4) Call Restriction – standard call restriction / call restriction with directory access / international call restriction;</p> <p>(5) Call waiting;</p> <p>(6) 3 Way calls (Conference Calls);</p> <p>(7) Do not disturb;</p> <p>(8) Dual Telephone number – allows two telephone numbers on the same line. The first number can be put on to Call Diversion or Dot Not Disturb, but calls to the private line will still get through;</p> <p>(9) Hotline – automatically calls number when receiver lifted – either delayed or immediate; and</p> <p>(10) Reminder Call – a call is programmed to ring at a specific time.”</p> <p>(TLOC Telephone Services 11.1)</p>	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
22.	Direct-Dial-In (“DDI”) Service	<p>“This service is available to customers with Private Automatic Branch Exchanges (PABX) to allow direct dialling into extension telephones from the PSTN. The DDI Service is designed for the traffic characteristics typical of calls to PABX extensions”.</p> <p>(TLOC Telephone Services 11.5)</p>	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
23.	Customerlink	<p>“This is a permanent redirection service which enables calls to the customer’s PSTN number to be redirected to another PSTN number, or to a mobile telephone. All call charges resulting from the call redirection are paid by the customer who has the Customerlink service and not the caller.</p> <p>There is no restriction on the type of connection to which calls are directed, e.g. business, residential, mobile, etc. However, for call charging purposes, all redirected calls are charged at the rates applicable to calls from a standard PSTN business connection.”</p> <p>(TLOC Telephone Services 11.6)</p>	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
24.	Caller Display Service	<p>“Caller Display is a network service that presents calling party information to the called party. Special Caller Display CPE is connected to the line will record, display and process this information. Caller Display Service will only be available on analogue lines connected to Telecom’s NEAX 61E exchanges and their associated RLU’s and on ISDN PRA and BRA lines.</p> <p>(1) Residential Caller Display Service;  (2) Business Caller Display Service;  (3) Caller Display CPE;  (4) Number withhold service; and  (5) Automatic Number Withhold with Over-ride.”  (TLOC Telephone Services 11.9)</p>	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> </ul>	• Limited	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> </ul>	• Limited	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	• Limited	Yes
25.	CallTrack	<p>“CallTrack is a telephone service that allows customers to assign a CallTrack number and description to their bill, allowing calls to be allocated to a cost centre, caller or client. When a call is initiated from a telephone line that has CallTrack, the customer will be prompted to enter a Calltrack number. When the customer received their telephone account all CallTrack numbers will be shown with their associated calls listed underneath  CallTrack is available to both residential and business customers.”  (TLOC Telephone Services 11.10)</p>	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> </ul>	• Limited	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> </ul>	• Limited	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	• Limited	Yes
<b>High Capacity Access to the PSTN</b>						
26.	2Mbit/s Local Access	<p>“This service is known as Digital Voice Access (“DVA”). 2Mbit/s inter-exchange Access – this service used 2Mbit/s links to connect the Telecom PSTN and a customer’s premises at the inter-exchange level  (1) Installation charges;  (2) Access charges; and  (3) Call charges.”  (TLOC Telephone Services 12.1)</p>	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> </ul>	• Limited	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> </ul>	• Limited	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	• Limited	Yes
27.	2 Mbit/s Foreign Exchange Service for Inter-Exchange Access		No			No
<b>Centrex</b>						
		<p>Centrex is a private switching and networking service (“SNS”) delivered directly from the telephone exchange. Centrex can be used to link different sites and integrate CPE (standard phones, key-systems and PABXs).  (1) ISDN Centrex; and  (2) Wide-Area Centrex.</p>				
28.	Connection and Installation	<p>“Installation and connection charges for both Regular Extensions and Hunting Extensions are the same for both Centrex I &amp; II):</p>	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> </ul>	• Limited	Yes

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
		(1) New connection and intact conversion charges; and (2) Installation charges.” (TLOC Telephone Services 15.1)		<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> <li>Limited</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>Yes</li> </ul>
29.	Monthly Access	“Charges for Regular and Hunting Centrex Extensions are the same. Centrex II pricing applies where there are 10 or more lines owned by one customer, terminating at the same site demarcation” (TLOC Telephone Services 15.2)	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> <li>Limited</li> <li>Limited</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>
30.	Usage Charges	“There is no charge for internal intercom calls between extensions within the same Basic Business Group. Telecom’s Local, National and International call charges apply to all calls from Centrex extension to the PSTN. In case of ISDN Centrex, ISDN call charges apply.” (TLOC Telephone Services 15.3)	Not a service			
31.	Centrex Feature	“Some Custom features are used to build on to the standard Centrex features; others are used as alternatives. Charges are incurred whenever a Custom feature is provisioned or altered” (TLOC Telephone Services 15.4)	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> <li>Limited</li> <li>Limited</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>
32.	Centrex CPE	“Centrex telephones are standard telephones with a number of commonly used Centrex features.” (TLOC Telephone Services 15.5)	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> <li>Limited</li> <li>Limited</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>
<b>ISDN Access to PSTN</b>						
		This provides the customer with ISDN digital access to the PSTN. ISDN access may be Basic Rate Access (“BRA”), (providing two 64 kbit/s circuits (or B channels)).				
33.	Basic Rate Access City Metroplitan and Regional	“This service uses a 144 kbit/s link to provide access to the local exchange from a customer’s premises. Centrex service can also be provided via ISDN BRA (1) Installation Charges for Basic Rate Access; (2) Extension of the Telecom network; (3) Access Charges;	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> <li>Limited</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>Yes</li> </ul>

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
		(4) Call charges; and (5) Alteration and reconfiguration.” (TLOC Telephone Services 16.1)		<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
34.	Primary Rate Access	<p>“This service uses 2Mbit/s links to provide access to the local exchange from a customer’s premises and provides up to 30 x 64 kbit/s circuits (B channels) for example, for:</p> <p>(1) Installation charges (2) Extension of the Telecom network” (TLOC Telephone Services 16.2)</p>	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> <li>Limited</li> <li>Limited</li> </ul>	Yes Yes Yes
35.	Supplementary Services	<p>“ISDN access can support a range of supplementary services that provide additional functionality for each switched circuit connection. Includes:</p> <p>(1) Multiple Subscriber number; (2) User to User signalling; (3) Call diversion on PRA or BRA ISDN; (4) Billing by Extension (DDI) on PRA or PRA ISDN; (5) Direction Dial in (DDI) on PRA or PRA ISDN; and (6) Caller and Dialed number display on PRA ISDN” (TLOC Telephone Services 16.3)</p>	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> <li>Limited</li> <li>Limited</li> </ul>	Yes Yes Yes
<b>Voice Messaging Services</b>						
36.	Message Manager	<p>“Message manager provides customers with a personalised voice mailbox. The service enables customers to listen, save and reply to messages sent to their mailboxes, and to record and send messages directly to other mailboxes free of charge.” (TLOC Telephone Services 17.1)</p>	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> <li>Limited</li> <li>Limited</li> </ul>	Yes Yes Yes
37.	Call Minder	<p>“Calls to a Call Minder customer whose telephone is engaged or not answered will be answered by the customer’s voice mailbox. The caller will hear a personal greeting from the mailbox owner, which will ask them to leave a private voice message. Messages can be retrieved from any touch-tone phone” (TLOC Telephone Services 17.2)</p>	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> <li>Limited</li> <li>Limited</li> </ul>	Yes Yes Yes
38.	Centrex Message Manager	<p>“Centrex Message manager is a voice messaging service available to Centrex customers. Centrex Message Manager provides the voice messaging features of Message Manager and the call answering features of Call Minder. Centrex Message Manager also has the facility for a caller to be transferred to a</p>	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> <li>Limited</li> </ul>	Yes Yes

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
		central operator if they do not wish to leave a message.” (TLOC Telephone Services 17.5)		<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
<b>Fax Services</b>						
39.	FaxAdvantage	“FaxAdvantage is an enhanced network service for business lines which are dedicated for fax usage. The service is provisioned on a Business access line, providing a ‘never miss a fax’ service for incoming faxes, savings for short fax messages and first class international faxing to selected countries” (TLOC Telephone Services 18.1)	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
40.	FaxAbility	“[A] network service combining Dual Telephone Number with a distinctive ringing tone for the second number. This service has been specifically designed for customers using a fax machine and telephone on the same line.” (TLOC Telephone Services 18.2)	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
41.	FaxAddress	“[An] enhanced network fax mailbox service. This service provides a Direct Access fax number, which is associated with a “Store and forward” fax mailbox. (TLOC Telephone Services 18.3)	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
<b>SECTION TWO: TELEPHONE CALL SERVICES</b>						
<b>Telecom Local Calls</b>						
42.	Local Call Charging – Business	“Since 1 November 1989, Telecom has charged for local calls made from a business line. All Telecom Local Calls are charged at the per minute rate for each minute or part of a minute” (TLOC Telephone Call Prices – Call Tariffs 1.1)	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
<b>Telecom National Calls (Toll)</b>						
43.	Rates for National Calls from Business Lines	“National calls were previously referred to as toll calls. National calls are calls made within New Zealand but outside a customer’s local calling area and do not include calls to or from a cellular network.” (TLOC Telephone Call Prices – Call Tariffs 2.3)	Withdrawn			
<b>Special National Call Services</b>						

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
44.	Operator Assisted Charges	“A charge is made where the caller chooses to use the services of an operator. These charges are in addition to any local or national call charges which may apply” (TLOC Telephone Call Prices – Call Tariffs 3.1)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of operator services to business customers.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> </ul>	No
<b>Call Control</b>						
45.	Permanent Toll Bar Products	“This range of products prevents outgoing calls being made from a customer’s telephone line. Depending on the local exchange to which the customer is connected, there is a choice of Call Control products available.” (TLOC Telephone Call Prices – Call Tariffs 4.1)	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
46.	Call Restriction Products	“This range of products is only available on NEAX 61E exchanges. A ‘bar’ can be placed on your line to prevent calls to certain numbers. An access code and four-digit PIN is allocated to the customer to enable them to activate and deactivate the barring.” (TLOC Telephone Call Prices – Call Tariffs 4.2)	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
<b>Calls to other networks</b>						
47.	Telecom Cellular Network	“Calls to telephones to the Telecom Cellular Network from a telephone connected to the PSTN anywhere in New Zealand are charged per second after the first minute. A one-minute minimum charge applies.” (TLOC Telephone Call Prices – Call Tariffs 5)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of fixed-to-mobile services to Corporate customers.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the national market for the supply of fixed-to-mobile services to SME customers.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
48.	Vodafone Cellular Network	“Calls to telephones to the Vodafone Cellular Network from a telephone connected to the PSTN anywhere in New Zealand are charged per second after the first minute. A one-minute minimum charge applies.” (TLOC Telephone Call Prices – Call Tariffs 5.2)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of fixed-to-mobile services to Corporate customers.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the national market for the supply of fixed-to-mobile services to SME customers.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
49.	TeamTalk Cellular Network	“Calls to telephones to the TeamTalk Cellular Network from a telephone connected to the PSTN anywhere in New Zealand are charged per second after the first minute. A one-minute minimum charge applies.” (TLOC Telephone Call Prices – Call Tariffs 5.3)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of fixed-to-mobile services to Corporate customers.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the national market for the supply of fixed-to-mobile services to SME customers.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
<b>Telecom Paging Service</b>						
50.	Telecom Paging Service	“Calls to Telecom Message Centre or to a pager anywhere in New Zealand (other than pager connected to the Minicall Consumer Paging service), from a telephone connected to the PSTN anywhere in NZ” (TLOC Telephone Call Prices – Call Tariffs 6.1)	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
51.	Minicall Consumer Paging Service	“Calls to pagers connected to the Minicall Paging Service from a telephone connected to the PSTN are charged per call. Charges appear on the caller’s monthly Telecom telephone account.” (TLOC Telephone Call Prices – Call Tariffs 6.2)	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> <li>Limited</li> <li>Limited</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>
<b>Audio conference Calls</b>						
52.	Audio conference Calls	“Audio conferencing enables from 3 to 150 phones to be connected together for a conversation. Calls can be connected via the Audio conference operator (Operator assisted calls), automatically connected by the Audio conferencing system (Preset service) or dialled by the parties involved (Meet-Me and Meet-Me-Collect calls).” (TLOC Telephone Call Prices – Call Tariffs 9.1)	Withdrawn			
53.	Audio conference Call Rates	Call rates “Local and national calls” (TLOC Telephone Call Prices – Call Tariffs 9.2)	Withdrawn			
54.	Audio conference Dedicated Rates	“A dedicated audio conference service will be available for customers with high traffic volumes.” (TLOC Telephone Call Prices – Call Tariffs 9.3)	Withdrawn			
55.	Videoconference Bureau Service	“Telecom offers a public Videoconferencing bureau service using Videoconferencing facilities around New Zealand.” (TLOC Telephone Call Prices – Call Tariffs 9.4)	Withdrawn			
56.	Multipoint Call Rates	“Multipoint Videoconferencing enables three or more parties in different locations to link by Videoconference via a multipoint control unit (“MCU”), Up to eight parties can join a single Videoconference, or simultaneous videoconferences with a combined total of up to eight parties can occur.” (TLOC Telephone Call Prices – Call Tariffs 9.5)	Withdrawn			
<b>Telecom International Call (Toll) Charges</b>						
57.	Direct Dialed International Calls – from a business line	“Direct dialled Telecom international Calls are charged per second after the first minute.” (TLOC Telephone Call Prices – Call Tariffs 10.2)	Withdrawn			
58.	International Call Specials	“Telecom may for promotional purposes from time to time reduce the rate per minute for certain International call charges, for customers with Telecom residential and non-residential contracts.” (TLOC Telephone Call Prices – Call Tariffs 10.3)	Withdrawn			
59.	Manual calls	“Manual calls are calls, which must be placed through an operator because direct dialling is not available” (TLOC Telephone Call Prices – Call Tariffs 10.4)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of operator assistance to business customers.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> </ul>	<ul style="list-style-type: none"> <li>No</li> </ul>
60.	International Operator Assisted Call Charges	“A charge is made where the caller chooses to use the services of an operator. These charges are in addition to any international call charges which may apply.” (TLOC Telephone Call Prices – Call Tariffs 10.5)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of directory assistance to business customers.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> </ul>

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
61.	International Switched Digital Service	“The following charges only apply to ISDN data calls using synchronous dial-up 64 kbit/s links to international destinations with matching ISDN or switched 64 kbit/s service.” (TLOC Telephone Call Prices – Call Tariffs 10.7)	Withdrawn			
62.	Faxfirst	(Superseded service) “Faxfirst is a special service for sending fax messages to overseas destinations. Normal rental charges apply to each Faxfirst line. Calls are charged per second after the first 30 seconds, using International Direct Dial rates. Faxfirst is not available to new customers.” (TLOC Telephone Call Prices – Call Tariffs 10.8)	Withdrawn			
63.	Access 0168	“Access 0168 is a service which allows calls to be made to domestic toll-free numbers in the US. Calls from NZ are charged at the appropriate international Direct Dial rate or Operator rate applicable to the type of phone used. (TLOC Telephone Call Prices – Call Tariffs 10.9)	Withdrawn			
<b>International Directory Assistance</b>						
64.	International Directory Assistance	“There is a charge for the provision of International Directory Assistance to cover the cost of searching domestic and international databases” (TLOC Telephone Call Prices – Call Tariffs 12)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of directory assistance to business customers.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
<b>Business Calls Saving Plans (all existing Plans)</b>						
65.	Business Calls Saving Plans (all existing Plans)	(TLOC Telephone Call Prices – Call Tariffs 14)	Not a service			
<b>SECTION FOUR: SPECIAL SERVICES</b>						
<b>Telecom 0800</b>						
66.	Usage Charges	“There is a minimum usage charge per 0800 number. This charge covers all usage up to the value of the charge, and usage in addition to this minimum depends on the charging option chosen by the customer” (TLOC Special Services 1.3)	Not a service			
67.	Standard Plan	“The Standard 0800 Plan only remains available for special deal pricing already in existence prior to 1 August 2000. The standard 0800 plan is not available for new connections after 1 August 2000.” (TLOC Special Services 1.6)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of Toll-free services</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> </ul>	No
68.	Any Minute Plan	“This plan is designed for customers who receive a lot of national calls, calls from cellular phones, or have the 800 number connected to a cellular phone. This plan charges the one price for all calls at any time.” (TLOC Special Services 1.5)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of Toll-free services.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> </ul>	No
69.	Time of Day Diversion (TODD)	“This service enables incoming calls to be diverted to another number at predetermined times.” (TLOC Special Services 1.9)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of Toll-free services.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> </ul>	No

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
70.	Percentage Call Distribution	“Percentage call distribution allows a customer to spread their call answering between different locations, and to determine what percentage will be answered where.” (TLOC Special Services 1.10)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of Toll-free services.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> </ul>	No
71.	Additional Call Distribution Plans	“This allows the customer to store up to ten answering patterns in advance which can be activated with a phone call.” (TLOC Special Services 1.11)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of Toll-free services.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> </ul>	No
72.	Suspended Service	“Monthly charge per number for suspended service.” (TLOC Special Services 1.12)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of Toll-free services.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> </ul>	No
73.	Call Statistics	“Statistics regarding a customer’s Telecom 0800 number after it has been suspended” (TLOC Special Services 1.13)	No			
74.	Call Prompting	“This allows the caller to choose options from a menu before the call is completed” (TLOC Special Services 1.14)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of Toll-free services.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> </ul>	No
75.	Courtesy Response	“A pre-recorded message precedes the connection of the call” (TLOC Special Services 1.15)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of Toll-free services.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> </ul>	No
76.	Pending 0800 Plan	“This option is available to customers who wish to establish an 0800 number but do not have full details (such as the terminating PSTN number), or the activation date for the service is more than one month away. Customers are required to advise Telecom when they wish to have the number activated” (TLOC Special Services 1.16)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of Toll-free services.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> </ul>	No
77.	Other charges	(1) Charge for a change to a Telecom 0800 number. (2) Charge for change of PSTN Number receiving Telecom 0800 calls; and (3) Charge for change of Cellular Number receiving Telecom 0800 calls. (TLOC Special Services 1.17)	Not a service			
<b>Telecom International 0800 Service</b>						
78.	Inbound International 0800	“With the Inbound International 0800 service, a customer can have a toll-free number in any of 40 countries with the calls being answered in NZ. A number of enhanced features are available.” (TLOC Special Services 2.1)	No			
79.	Outbound International 0800	“With the Outbound International 0800 service, a customer can have a toll-free number in NZ with the call being answered in an overseas country. A number of enhanced features are available.” (TLOC Special Services 2.2)	No			
80.	Additional Call Distribution Plans	“Allows a customer to store up to 10 answering patterns in advance which can be activated with a phone call.” (TLOC Special Services 2.3)	No			

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
81.	Call advance on busy	“Allows the customer to direct calls to another answering point if the first answering point is busy. There are no charges for establishment or changes to Call Advance on Busy, and no ongoing monthly charges.” (TLOC Special Services 2.4)	No			
82.	Call advance No Answer	“Allows the customer to direct calls to another answering point if there is no reply at the first answering point. There are no charges for establishment or changes to Call Advance No Answer, and no ongoing monthly charges.” (TLOC Special Services 2.5)	No			
83.	Call Prompting	“Allows the caller to choose options from a menu before the call is connected.” (TLOC Special Services 2.6)	No			
84.	Confidential PIN	“Enables a customer to restrict calls to their Telecom International 0800 number to those who know the four-digit PIN. There are no charges for establishment or changes to a Confidential PIN, and no ongoing monthly charges.” (TLOC Special Services 2.7)	No			
85.	Courtesy Response	“Allows the customer to play a pre-recorded message before the call is connected.” (TLOC Special Services 2.8)	No			
86.	Distinctive Tone	“Allows customer to tell whether the caller has dialled the customer’s International 0800 number or the terminating PSTN number. Distinctive Tone is only available for Inbound International 0800 service.” (TLOC Special Services 2.9)	No			
87.	Follow Me	“Allows customers to change the terminating number for their International 0800 number themselves. Follow Me is only available for the Inbound International 0800 service.” (TLOC Special Services 2.10)	No			
88.	Geographic Control	“Allows one Outbound Telecom International 0800 number to be answered in different locations depending on the geographic region in NZ where the call was made.” (TLOC Special Services 2.11)	Withdrawn			
89.	Simple Geographic Control	“17 region option (all Telecom pre-defined geographical regions)” (TLOC Special Services 2.12)	No			
90.	Advanced Geographic Control	“74 region option (all Telecom pre-defined geographical regions.” (TLOC Special Services 2.13)	No			
91.	Complex Geographic Control	“455 region option (all Telecom pre-defined geographical regions.” (TLOC Special Services 2.14)	No			

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
92.	International 0800 Info Call	"A customer can provide recorded information to callers. InfoCall is only available for the Inbound international 0800 service." (TLOC Special Services 2.15)	No			
93.	Percentage Call Distribution	"... allows a customer to spread their call answering between different locations, and to determine what percentage will be answered where." (TLOC Special Services 2.16)	No			
94.	Time of Day Diversion (TODD)	"Allows International 0800 calls to be diverted to another number at predetermined times." (TLOC Special Services 2.17)	No			
<b>Telecom 0900 Service</b>						
95.	0900 Service		Withdrawn			
96.	0900 Application Fee	"There is an application charge for each new 0900 number application." (TLOC Special Services 4.1)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of premium rate services to business customers.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> </ul>	No
97.	Connection and Installation	"There is a charge for the connection of the Information Provider's 0900 number." (TLOC Special Services 4.2)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of premium rate services to business customers.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> </ul>	No
98.	Monthly Rental	"There is a monthly charge for rental of each 0900 number." (TLOC Special Services 4.3)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of premium rate services to business customers.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> </ul>	No
99.	Network Usage Charge	"There is a flat rate charge to Information Providers for all calls made to an Information Provider's 0900 number. This charge covers the routing and billing of the calls." (TLOC Special Services 4.4)	Not a service			
100.	Other Network Features	(1) Alteration Charge for change to an Information Provider's 0900 service; (2) Geographical Control; (3) Simple Geographic Control; (4) Advanced Geographic Control; (5) Complex Geographic Control; (6) Time of Day Diversion (TODD); (7) Additional Call Distribution Plans; (8) Confidential PIN; (9) Call Advance; and (10) Suspended Service. (TLOC Special Services 4.5)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of premium rate services to business customers.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> </ul>	No
101.	VSP AUDIOTEX Charges (Information providers using Telecom Audiotex equipment)	"Information Providers have a choice of using Telecom's Audiotex equipment or providing their own. These charges are in addition..." (TLOC Special Services 4.6)	Withdrawn			
102.	Charges for Information Provider using own Audiotex equipment	"0900 customers who wish to use their own equipment can use Telecom PSTN lines, or Telecom leased lines between their premises and the local exchange. Charges for these lines are in addition..." (TLOC Special Services 4.7)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of premium rate services to business customers.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> </ul>	No

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
<b>Packet Switch Service</b>						
		The Packet Switch Service is a public switched data network, offering the advantages of a digital data transmission system within the need for leasing dedicated circuits. The Packet Switch Service is provided over the Digital Switched Transmission Network ("DSTN"). The Packet Switch exchanges are Auckland, Wellington, and Christchurch. Additional Packet Switch exchanges may be added in the future.				
103.	Connection and Installation	"Connection to the Packet Switch Service can be either through what is virtually a dedicated link, or on a dial-up basis." (TLOC Special Services 6.1)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	<p>No</p> <p>Yes</p>
104.	Monthly Access	Charge per end of circuit for Dedicated Packet Mode Connection at differing capacities (TLOC Special Services 6.2)	Not a service			
105.	National Usage	"Transmission charged for the Packeting Switching Service are not determined by distance. The service is charge on a usage basis, both by time and by volume." (TLOC Special Services 6.3)	Not a service			
106.	International Usage Charges	"International usage charges are based on a basic charge for each hour or part of an hour connection, plus a charge per kilosegment of user data transmitted." (TLOC Special Services 6.4)	No			
107.	Alteration and Reconfiguration	"Charge for extermination removal of a Dedicated Packet mode connection..." (TLOC Special Services 6.5)	Not a service			
108.	Other charges	(1) Minimum leases; and (2) Supplementary services (TLOC Special Services 6.6)	Not a service			
<b>Telecom Smartfax Service</b>						
		Telecom Smartfax is a store-and-forward network service offering a range of features (including broadcast) which enhance the functionality of a customer's existing fax machine or fax capable device. There are two services available with Smartfax. Smartfax Swift is intended for customer who use Smartfax frequently, and require the flexibility of initiating broadcasts from their own premises. Smartfax Stand-by is a Bureau service suitable for customers who use Smartfax infrequently, and who do not wish to incur monthly rental charges.				
109.	Smartfax Standby Service	"In addition to the registration and set up fees for Smartfax Stand-by, there are also charges for changes to the customer's broadcast list. The standard charge	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
		applies if the broadcast list is provided on disc in the required format, or the list is on paper and less than 50 customers long, or an existing list has less than 50 amendments required. A surcharge applies if the above criteria are not met. The Smartfax service desk handles broadcast faxes for Smartfax Standby customers.” (TLOC Special Services 7.1)		<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> <li>Limited</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>Yes</li> </ul>
110.	Smartfax Swift Service	“For Smartfax Swift customers, the interface to the Smartfax network is a small electronic device called a Customer Interface Unit (“CIU”); this is attached to the fax line at the customer’s premises. To send a message via Smartfax, the customer simply prefixes the recipient number (or stored broadcast list number) with the Smartfax access code 0* (zero-star). Smartfax will then accept the message, and store it for processing and subsequent delivery. Suffix codes can also be attached to recipient or broadcast list numbers to utilise the other available Smartfax features, such as positive delivery notification, or urgent priority delivery.” (TLOC Special Services 7.2)	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> <li>Limited</li> <li>Limited</li> </ul>	<ul style="list-style-type: none"> <li>Yes</li> <li>Yes</li> <li>Yes</li> </ul>
111.	Usage Charges	“All Smartfax charges are based on a per-page rate. There are three time periods and seven distance dependent charging zones for Smartfax usage charges. These charges apply to all Smartfax services. There is also an ‘Urgent’ sending option, which incurs a surcharge in addition to the normal rates.” (TLOC Special Services 7.3)	Not a service			
112.	Other Charges	“Broadcast Fax Non-Delivery Notice Overnight Delivery Specified Time Delivery Positive Delivery Notice Fine Mode Fax Personalised Cover Page” (TLOC Special Services 7.4)	Not a service			
	<b>Integrated Access</b>					
113.	Installation	“The installation charge for an Integrated Access depends on whether or not the installation is the first Telecom 2Mbit/s access installed for that customer on that site. Multiple installations on the same site at the same time are also priced differently from single installations. Where the customer site is greater than 5 km from the nearest Telecom exchange, and additional electronic enhancement is required to ensure that the service is provided to the specified service quality, or the site is at a location that is beyond Telecom’s standard access network, then installation charges will be based on the actual cost of providing the service, but will be no less than the standard 2 MBit/s installation charges.” (TLOC Special Services 8.1)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	<ul style="list-style-type: none"> <li>No</li> <li>Yes</li> </ul>

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
114.	Monthly Access Charges	“Monthly Integrated Access charge” “Monthly Charge per second and subsequent 2 Mbit/s access to same Flexible multiplexer. As for second and subsequent Megalink Access (see National Leased Circuits).” (TLOC Special Services 8.2)	Not a service			
115.	Transmission and Other Charges	“These charges will be that same as for conventionally accessed circuits, and will apply to the disaggregated circuits.” (TLOC Special Services 8.3)	Not a service			
116.	Alteration and Configuration	“Addition of Circuit Access The charge for the connection of new circuit accesses to an existing integrated Access site will be based on the actual costs incurred (labour and materials) but will not be less than \$150.00” (TLOC Special Services 8.4)	Yes	• the national market for the supply of data services in metropolitan areas	• Not Limited	No
				• the national market for the supply of data services in non-metropolitan areas.	• Limited	Yes
117.	Conversion to Integrated Access	“Where standard connections are being converted to Integrated Access (or vice versa) the normal installation charges for the new accesses will apply.” (TLOC Special Services 8.5)	Yes	• the national market for the supply of data services in metropolitan areas	• Not Limited	No
				• the national market for the supply of data services in non-metropolitan areas.	• Limited	Yes
<b>Frame Relay</b>						
118.	Installation	“Frame relay is available at access speeds of between 64kbit/s and 2Mbit/s ....” “The installation for each connection between 192 kbit/s and 2 Mbit/s terminating up to 5 km from the local exchange will be based on the actual costs involved, but will not exceed a predetermined maximum charge.” (TLOC Special Services 9.1)	The replacement service (if any)	• the national market for the supply of data services in metropolitan areas	• Not Limited	No
				• the national market for the supply of data services in non-metropolitan areas.	• Limited	Yes
119.	Access	“Frame Relay access charges are dependent on location and bandwidth. More than one virtual circuit can terminate on a Frame Relay access, however, the access rate bandwidth must be greater than or equal to the combined bandwidth of all virtual circuits associated with that access.” (TLOC Special Services 9.2)	The replacement service (if any)	• the national market for the supply of data services in metropolitan areas	• Not Limited	No
				• the national market for the supply of data services in non-metropolitan areas.	• Limited	Yes
120.	Committed Information Rate (“CIR”)	“CIR is charged per 8 kbit/s increment of the PVC and is available from 8 kbit/s to 1024 kbit/s. The CIR is charged per PVC (previously CIR was charged across each access). The PVC is billed to the access nominated by the customer. The default will be that the PVC is charged to the main (primary end)” (TLOC Special Services 9.3)	The replacement service (if any)	• the national market for the supply of data services in metropolitan areas	• Not Limited	No
				• the national market for the supply of data services in non-metropolitan areas.	• Limited	Yes
121.	Alteration/Reconfiguration	“Speed Changes” “External Removals” “Management System Configurations” (TLOC Special Services 9.4)	The replacement service (if any)	• the national market for the supply of data services in metropolitan areas	• Not Limited	No
				• the national market for the supply of data services in non-metropolitan areas.	• Limited	Yes

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
122.	International Frame Relay Services	<p>“International Frame Relay Services are available to approximately 30 European, Asian, North and Central American Countries.</p> <p>WorldSource Frame Relay (“WSFR”) currently supports Ports and PVCs in Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Greece, Hong Kong, Indonesia, Ireland, Israel, Italy, Japan, Korea (Domestic) Luxembourg, Malaysia, Netherlands, Norway, Philippines, Portugal, Singapore, Spain, Sweden, Switzerland, Taiwan, United States and its territories.”</p> <p>(TLOC Special Services 9.7)</p>	Withdrawn			
123.	ISDN access to Frame Relay	<p>“ISDN Access to Frame Relay is now available for the following applications:</p> <ul style="list-style-type: none"> <li>• Frame Relay access for low volume users;</li> <li>• Leased line back up; and</li> <li>• ISDN bandwidth on demand.” <p>(TLOC Special Services 9.8)</p> </li></ul>	The replacement service (if any)	<ul style="list-style-type: none"> <li>• the national market for the supply of data services in metropolitan areas</li> <li>• the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>• Not Limited</li> <li>• Limited</li> </ul>	<p>No</p> <p>Yes</p>
<b>Diversity Services</b>						
124.	Local Access Diversity	<p>“Local Access Diversity provides two physically diverse and independent links between a customer’s premises and Telecom Local Exchanges. Local Access Diversity can be provided where the physical structure of the Telecom Network allows. Where the second diverse access to the customer’s premises does not exist, it may be provided by copper cable, fibre optic cable, or Digital Microwave Radio. Local Access Diversity is only provided via 2 Mbit/s circuits”</p> <p>(TLOC Special Services 10.1)</p>	Yes	<ul style="list-style-type: none"> <li>• the national market for the supply of data services in metropolitan areas</li> <li>• the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>• Not Limited</li> <li>• Limited</li> </ul>	<p>No</p> <p>Yes</p>
<b>Televote</b>						
125.	Monthly Rental Charges	<p>“There are monthly rental charges for both Televote numbers and Televote lines.”</p> <p>(TLOC Special Services 12.2)</p>	Withdrawn			
126.	Televote Session Charges	<p>“There are fixed charges for every Televote session that the Televote Operator holds. The session charge covers the set-up of the Televote session and delivery of the results at the completion of the session. Results are delivered within 15 minutes for national and regional services, and within 30 minutes for Low Impact sessions. A customer can request intermediate delivery (see Special Services). The Televote session charges are based on the geographical catchment area of the Televote session, and the media used to advertise the Televote number and session. National Televote covers all regional television and radio, and Low Impact Televote covers any print media advertising. The geographical regions are the 17 regions Telecom has predefined. The precise boundaries of these regions are available from Telecom.”</p> <p>(TLOC Special Services 12.3)</p>	Withdrawn			

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
127.	Televote Features	“The Televote feature charges are in addition to the number and the session charges. Line Interview. Repeat Voting Limit. Sample Size. Geographic Screening. Intermediate Delivery of Results. Backdates.” (TLOC Special Services 12.4)	Withdrawn			
128.	Usage Charges	“Charges to the Televote Operator. Televote Operators using numbers in the 0900 20 XXXX range will be charged a set usage charge, irrespective of the charge advertised to votes. Charges to the voter. Usage charges for the Televote session using numbers in the 0900 20 XXXX range will be charged to the voter. The Televote Operator will specify the charge appropriate for each session, but there is a maximum charge that can be set.” (TLOC Special Services 12.5)	Withdrawn			
129.	Other Charges	“Cancellation Charges. There are charges to the Televote Operator for each cancelled Televote session. Configuration Charges. Televote Operators who wish to change a Televote session that has already been set-up, will be charged an alteration charge. This charge applies if a customer wishes to postpone a Televote session.” (TLOC Special Services 12.6)	Withdrawn			
<b>Telecom VPN</b>						
130.	Telecom VPN	“Telecom’s VPN (Virtual Private Network) service offers customers all the benefits of a Private Network without the need for expensive leased circuits and hardware. The VPN call pricing is usage based. Calls made on the private network (on-net or virtual on-net) are priced below the standard PSTN and IDD rates for such a call.” (TLOC Special Services 25.2	Yes	• the market for the supply of local access services to Corporate customers in non-metropolitan areas.	• Limited	Yes
				• the market for the supply of local access services to SME customers in metropolitan areas.	• Limited	Yes
				• the market for the supply of local access services to SME customers in non-metropolitan areas.	• Limited	Yes
<b>Telecommunications Management Information</b>						
131.	Telecom Vision	“Telecom Vision is a software based product, providing full management reporting information and analysis on customers’ outbound and inbound calling products. In addition, it provides viewing and analysis of rental and activity details from their ICMS bill.” (TLOC Special Services 16.1)	No			

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
132.	Telecom Customquery	“Telecom Customquery is a software based product, providing management reporting information and analysis on customers telecommunications spend, based on the Custombill Cube. The Cube defines a customers organisational structure for downstream billing purposes.” (TLOC Special Services 16.2)	No			
	<b>Telecom Internet Services</b>					
133.	Dial-Up Service – Internet Connection Fee	“The XTRA connection charge is in addition to any connection or installation charges associated with the Telecom telephone line (see Telephone Services section 1 and 2).” (TLOC Special Services 17.1)	Withdrawn			
134.	Dial Up Service Charges	“Customers have a choice of payment options: ‘pay as you go’; hourly charges Or Advance Plans; which include an allowance of hours for a fixed monthly fee ... Or Flat rate for all usage: ...” (TLOC Special Services 17.2)	Withdrawn			
135.	Other Dial Up Services	“Non-Standard Plans: ... Campus Plan / School Connection Plan: ... Senior Net: ...” (TLOC Special Services 17.3)	Withdrawn			
136.	Usage Charges	“The following charges apply to every hour over the monthly option: ...” (TLOC Special Services 17.4)	Withdrawn			
137.	Additional Mailboxes	“Additional Mailbox monthly fee (includes five free mail name aliases)” (TLOC Special Services 17.5)	Withdrawn			
138.	Advertising	“ <u>Banners:</u> Non targeted banner advertising. Banners rotating anywhere within the XTRA Web site: <u>Sponsorship:</u> Prices on application.” (TLOC Special Services 17.6)	Withdrawn			
139.	Dedicated Access DDS	“Charges for access services to the internet provided over Digital Data Service Stacked Access or High Speed (wideband) Digital Data Access in 64K allowances.” (TLOC Special Services 17.7)	Withdrawn			
140.	Domain Name	“Domain name registration including first year’s administration fee ...” (TLOC Special Services 17.8)	Withdrawn			
141.	Global Roaming	“Prices are displayed per country on the XTRA web page, in New Zealand dollars.” (TLOC Special Services 17.9)	Withdrawn			
142.	Velocity (ADSL access)	“Fee charged for XTRA customers to access Telecom JetStream.” (TLOC Special Services 17.10)	Withdrawn			

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
143.	XTRANET	“XTRANET Access: [list of fees] XTRANET High Speed Access: [list of fees]” (TLOC Special Services 17.11)	Withdrawn			
144.	Telecom XTRA Business	“For product pricing – refer to the XTRA and/or e-solutions product listings.” (TLOC Special Services 17.12)	Withdrawn			
145.	Web Hosting	“Lite Web (formerly XTRA Host) [list of charges] Microsoft “Front Page” Web Hosting [list of charges]” (TLOC Special Services 17.13)	Withdrawn			
<b>SECTION 5: NATIONAL LEASED-CIRCUIT SERVICES</b>						
<b>Voice Circuit Service (V1)</b>						
146.	Extended Area Installation	“In cases where electronic enhancement of the copper cable is required to provide a satisfactory service to the customer (typically for distances over 10km), a capital contribution will be charged. The capital contribution will be negotiated between Telecom and the customer.” (TLOC National Leased Circuit Services 3.2)	Yes	• the national market for the supply of data services in metropolitan areas	• Not Limited	No
				• the national market for the supply of data services in non-metropolitan areas.	• Limited	Yes
147.	Monthly Access	“All circuits pay access charges. ...” TLOC National Leased Circuit Services 3.3)	Yes	• the national market for the supply of data services in metropolitan areas	• Not Limited	No
				• the national market for the supply of data services in non-metropolitan areas.	• Limited	Yes
148.	Alteration and Configuration	“All circuits pay access charges. Circuits <i>completely within</i> a local-calling area are charged a combination of access and junction charges only. ... [list of charges ...]” (TLOC National Leased Circuit Services 3.5)	Yes	• the national market for the supply of data services in metropolitan areas	• Not Limited	No
				• the national market for the supply of data services in non-metropolitan areas.	• Limited	Yes
149.	Other Charges	“ <i>Temporary Lease:</i> The minimum lease period for circuits and associated equipment is 6 months, if customers wish to receive Telecom’s normal monthly charges. <i>Reconnection Charge:</i> Charge for reconnection of a circuit after disconnection for non-payment <i>Signalling Converter Charges:</i> These charges cover the lease of a signalling converter, which is required for voice circuits used as tie-lines between PABXs.” (TLOC National Leased Circuit Services 3.6)	Yes	• the national market for the supply of data services in metropolitan areas	• Not Limited	No
				• the national market for the supply of data services in non-metropolitan areas.	• Limited	Yes
<b>Analogue Data Service (A1, A2, A3)</b>						
150.	Monthly Access	[list of prices] (TLOC National Leased Circuit Services 4.3)	Yes	• the national market for the supply of data services in metropolitan areas	• Not Limited	No
				• the national market for the supply of data services in non-metropolitan areas.	• Limited	Yes

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
151.	Monthly Transmission	[list of charges] (TLOC National Leased Circuit Services 4.4)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
152.	Alteration and Configuration	[list of charges] (TLOC National Leased Circuit Services 4.5)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
153.	Other Charges	<i>Temporary Lease: Reconnection Charge:</i> [list of prices] (TLOC National Leased Circuit Services 4.6)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
154.	Chatham Islands Data Service	“This service has been superseded by the Chatham Islands DDS. Customers with the Chatham Island Data Service have been converted to the Chatham Islands DDS service.” (TLOC National Leased Circuit Services 4.8)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
<b>Loop Signalling Service (L1)</b>						
155.	Installation Charges	[price] (TLOC National Leased Circuit Services 5.1)	Withdrawn			
156.	Monthly Access	[list of per end prices] (TLOC National Leased Circuit Services 5.2)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
157.	Monthly Transmission	[list of prices] TLOC National Leased Circuit Services 5.3)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
158.	Alteration and Configuration	[list of prices] (TLOC National Leased Circuit Services 5.4)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
159.	Other Charges	<i>Temporary Lease: ... Reconnection Charge: ...</i> (TLOC National Leased Circuit Services 5.5)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
<b>Programme Circuits (P2, P3, P3S)</b>						
		Programme circuits are used for transmitting wideband audio broadcast programmes.				
160.	Installation	[list of prices] (TLOC National Leased Circuit Services 6.1)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> </ul>	No

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
				<ul style="list-style-type: none"> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
161.	Monthly Access	“The following prices apply to programme circuit accesses (the link between the service delivery point on the customer’s premises and the local Telecom network node (exchange)), when the service is provided on a conditioned local cable pair. A conditioned local cable pair is an unloaded cable pair, enhanced with Amplifier/Equaliser equipment.” (TLOC National Leased Circuit Services 6.2)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
162.	Monthly Transmission	“The standard programme circuit transmission network covers the following rates. Circuits on these routes are provided using digital sound programme multiplex equipment.” (TLOC National Leased Circuit Services 6.4)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
163.	Alteration and Configuration	Unable to locate in TLOC	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
164.	External Removal	[list of prices] (TLOC National Leased Circuit Services 6.5)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
165.	Other Charges	“ <i>Studio to Transmitter Links:</i> ... <i>Temporary Lease:</i> ... <i>Reconnection Charge:</i> ... <i>Point to Multipoint Circuits</i> ...” (TLOC National Leased Circuit Services 6.6)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
<b>Digital Data Service (DDS)</b>						
166.	Installation	[prices] (TLOC National Leased Circuit Services 10.1)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
167.	Monthly Access	[list of prices] (TLOC National Leased Circuit Services 10.2)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
168.	Monthly Transmission	[list of prices] (TLOC National Leased Circuit Services 10.3)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> </ul>	No

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
				<ul style="list-style-type: none"> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
169.	Alteration and Configuration	[list of prices] (TLOC National Leased Circuit Services 10.4)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
170.	Other Charges	“Temporary Lease: ... Reconnection Charge: ...” (TLOC National Leased Circuit Services 10.5)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
171.	Chatham Islands Digital Data Service	“This service is available between the Chatham Islands and the New Zealand mainland only” (TLOC National Leased Circuit Services 10.7)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
	<b>Metropolitan Digital Data Service (DDS)</b>					
172.	Installation	“The 2.4 kbit/s, 9.6 kbit/s, 19.2 kbit/s, 48 kbit/s point to point and Multipoint, Multistream, Redirection DDS services are being withdrawn and are not available as new services to customers effective 1 November 2000.” (TLOC National Leased Circuit Services 11.1)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
173.	Monthly Access	“The 2.4 kbit/s, 9.6 kbit/s, 19.2 kbit/s, 48 kbit/s point to point and Multipoint, Multistream, Redirection DDS services are being withdrawn and are not available as new services to customers effective 1 November 2000.” (TLOC National Leased Circuit Services 11.2)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
174.	Alteration and Configuration	“As for standard DDS (see National Leased Circuits section 10 ‘Digital Data Services’)” (TLOC National Leased Circuit Services 11.3)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
175.	Other Charges	“As for standard DDS (see National Leased Circuits section 10 ‘Digital Data Services’)” (TLOC National Leased Circuit Services 11.4)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
176.	Conversion	“Where standard DDS is converted to Metropolitan DDS, or vice versa, a conversion charge applies.” (TLOC National Leased Circuit Services 11.5)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
	<b>High Speed Digital Data Service (Also known as Wideband DDS or Nx64 kbit/s)</b>					
177.	Installation	“The installation charge for a High Speed (Wideband) DDS circuit depends on (a) whether the installation is	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> </ul>	No

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
		the first Telecom 2 Mbit/s access installed for that customer at that site, and (b) which terminal centre (exchange) it is connected to.” (TLOC National Leased Circuit Services 12.1)		<ul style="list-style-type: none"> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
178.	Monthly Access	<i>Standard Access Service Delivery Point Plus 2 Mbit/s Access or Link fee Plus Channel Access Major CBD terminal centres (exchanges) include-Redirection</i> (TLOC National Leased Circuit Services 12.2)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
179.	Monthly Transmission	“All High Speed (Wideband) Digital Data Service circuits (except those with both ends directly connected to a major CBD terminal centre/exchange)” (TLOC National Leased Circuit Services 12.3)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
180.	Multiple 2 Mbit/s Link Pricing	“For multiple fully utilised (1,920 kbit/s or N=30) circuits between the same two customer sites different pricing applies to the 2 <sup>nd</sup> , 3 <sup>rd</sup> , 4 <sup>th</sup> , and subsequent links as follows: ...” (TLOC National Leased Circuit Services 12.4)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
181.	Alteration and Configuration	“All alteration and reconfiguration charges, except external removal and conversion between DVA and High Speed (Wideband) DDS, which require a site visit will be charged based on actual costs. They will include, for example, labour, materials and travelling time.” (TLOC National Leased Circuit Services 12.5)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
182.	DDS Stacked Access (formerly Stacked Wideband Access)	“ <i>DDS Stacked Access</i> enables a number of medium and high-speed circuits (64 kbit/s 128 kbit/s and high speed DDS) to be delivered over a single 2 Mbit/s link between the customer’s premises and the nearest DSTN centre.” (TLOC National Leased Circuit Services 12.6)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
<b>MegaLink Service</b>						
183.	Installation Charges	“The installation charge for a MegaLink circuit depends on (a) whether the installation is the first Telecom 2 Mbit/s access installed for that customer at that site, and (b) which exchange it is connected to.” (TLOC National Leased Circuit Services 13.1)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
184.	Monthly Access	“The monthly access charge has two components and is not based on the length of the access circuit.” (TLOC National Leased Circuit Services 13.2)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	No Yes
185.	Monthly Transmission	“The City Step transmission charge is applicable when a circuit links two customer sites within the same local	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> </ul>	No

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
		calling area.” (TLOC National Leased Circuit Services 13.3)		<ul style="list-style-type: none"> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
186.	Multiple 2 Mbit/s Link Pricing Option	“For multiple Megalink circuits between the same two customer sites different pricing applies to the 2 <sup>nd</sup> , 3 <sup>rd</sup> , 4 <sup>th</sup> and subsequent links as follows: ...” (TLOC National Leased Circuit Services 13.4)	Not a service			
187.	Alteration and Reconfiguration	“All alteration and reconfiguration charges which require a site visit will be charged based on actual costs. They will include, for example, labour, materials, and travelling time.” (TLOC National Leased Circuit Services 13.5)	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> </ul>	No
				<ul style="list-style-type: none"> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
<b>Dedicated Voice Services</b>						
188.	PBX Tieline Service	“A dedicated link between two PBXs enabling rapid calling between extensions on both PBXs” (TLOC National Leased Circuit Services 14.2)	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
189.	MetropolitanLink Service	“A leased service that provides normal switched telephone service in a remote exchange area. This service has superseded the Foreign Exchange service for new customers.” (TLOC National Leased Circuit Services 14.3)	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
190.	PBX Extension Service	“PBX Extension Service: A dedicated voice link between a PBX and a distant extension telephone” (TLOC National Leased Circuit Services 14.4)	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
191.	Shutdown and Ringdown Service	“A dedicated link between two telephones. Calls are established instantaneously when either handset is lifted. A ring down generates ringing at the distant end while a speakdown provides a permanent speech path, typically to a loud speaking telephone.” (TLOC National Leased Circuit Services 14.5)	Yes	<ul style="list-style-type: none"> <li>the market for the supply of local access services to Corporate customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
				<ul style="list-style-type: none"> <li>the market for the supply of local access services to SME customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
<b>SECTION 6: INTERNATIONAL LEASED CIRCUIT SERVICES</b>						
<b>Analogue Voice/Data Service</b>						
192.	Installation Charges	[price] (TLOC International Leased Circuit Services 1.1)	Withdrawn			
193.	Monthly Lease Charges	[list of prices] (TLOC International Leased Circuit Services 1.2)	Withdrawn			
<b>TASTREAM Service (DDS circuits by cable to satellite)</b>						
194.	Installation Charges	“There is no installation charge for a minimum contract period of one year, or a longer term contract. All upgrade, alteration and reconfiguration charges, such as speed changes, will be charged actual costs (including labour, materials, overhead and travelling time.” (TLOC International Leased Circuit Services 4.1)	Withdrawn			
195.	Monthly Lease Charges	“Charges for TASTREAM Service are payable monthly. The service is available either for specified minimum contract periods, or on a cheaper longer-term basis.” (TLOC International Leased Circuit Services 4.2)	Withdrawn			
<b>International Digital Voice Service</b>						
196.	International Digital Voice Service	This service appears to have been superseded.	Withdrawn			
<b>LIGHTSTREAM Enhanced (Digital Fibre Optic Cable Service to Australia)</b>						
197.	LIGHTSTREAM Enhanced (Digital Fibre Optic Cable Service to Australia)	This service appears to have been superseded.	Withdrawn			
<b>LIGHTSTREAM (Digital Data Fibre-Optic Cable Circuits to Australia, Canada, Japan, Singapore, U.K. and the USA)</b>						
198.	Installation Charges	An installation charge of \$2000 for the New Zealand end of the service applies where the customer does not have a suitable existing access. Australian installation costs are AUD\$25000, POA for all other destinations as these are dependent on the overseas carrier. (TLOC International Leased Circuit Services 8.1)	Withdrawn			
199.	Monthly Lease Charges	Charges for LIGHTSTREAM are payable monthly. The service is available either for the minimum contract period, or on a cheaper long-term contract basis. (TLOC International Leased Circuit Services 8.2)	Withdrawn			
200.	Alteration and Reconfiguration Charges	Upgrade, alteration and reconfiguration charges apply for this service. (TLOC International Leased Circuit Services 8.3)	Withdrawn			
<b>SECTION 8: PAGING SERVICES</b>						
<b>Telecom Paging Services</b>						

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
	Paging Network Charges	“Network charges are incurred on a monthly basis, and are based on the geographic coverage required for a pager.” (TLOC Paging Services 1.1)	Withdrawn			
202.	Paging Rentals	Standard, Long Term and Short Term rental plans (TLOC Paging Services 1.2)	Withdrawn			
203.	Other Benefits of a Pager	Faxing / posting messages Charge per month Message Retrieval Group Calling (alphanumeric pagers only) (TLOC Paging Services 1.3)	Withdrawn			
204.	Network Access Charges	“Callers can access pager, the Message Centre and Voice Mail connected to the Telecom paging network via a number of methods. All connections to these networks must pay the appropriate Telecom network access charges for the type of connection they are using.” (TLOC Paging Services 1.4)	Withdrawn			
205.	PSTN Call Charges	“Calls to the Telecom Paging Message Centre, Voice Mail or to a pager connected to the Telecom paging network from a telephone connected to the PSTN anywhere in New Zealand.” (TLOC Paging Services 1.5)	Withdrawn			
206.	Packet Switch Call Charges	“See special services” (TLOC Paging Services 1.6)	Withdrawn			
<b>Telecom Minicall Paging</b>						
207.	Telecom Minicall Paging	“Telecom Minicall Consumer Paging Service is an alternative pager service designed for the consumer market. A simple pricing structure without volume charges or network access charges applies, and pagers are not available for rental” (TLOC Paging Services 2)	Withdrawn			
<b>Telecom Buzz Me Paging Service</b>						
208.	Telecom Buzz Me Paging Service	“Telecom BuzzMe Paging service is a caller party pays alphanumeric pager service targeted at the consumer market. There are no monthly network access fees, no volume charges, and pagers are not available for rental.” (TLOC Paging Services 3)	Withdrawn			
<b>SECTION 9: MISCELLANEOUS SERVICES</b>						
209.	All xDSL Services <sup>1</sup>		Yes	<ul style="list-style-type: none"> <li>the market for the supply of broadband internet access to business customers in metropolitan areas.</li> <li>the market for the supply of broadband internet access to business customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	<ul style="list-style-type: none"> <li>No</li> <li>Yes</li> </ul>

<sup>1</sup> This service includes all Jetstream services offered by Telecom, excepting Jetstream Starter which is listed separately in the Application.

Table ref. no.	Service	Description	Is the service (or part of the service) a Relevant Wholesale Service or a Support Service?	Markets	Competition Assessment	Regulated Wholesale Required?
				<ul style="list-style-type: none"> <li>the market for the supply of broadband internet access to residential customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Limited</li> </ul>	Yes
210.	Jetstream-Jet Start	<p>“JetStream is a high-speed data connection between you and your preferred Internet Service Provider (ISP). Your ISP (including Xtra) in turn provides a gateway to the Internet for access to the World Wide Web. JetStream is provided using ADSL (Asymmetric Digital Subscriber Line) technology. ADSL allows high-speed data and voice signals to be carried over your existing telephone line.”</p> <p>(Information on this was obtained from the website provided by Telecom)</p>	Yes	<ul style="list-style-type: none"> <li>the market for the supply of broadband internet access to business customers in metropolitan areas.</li> <li>the market for the supply of broadband internet access to business customers in non-metropolitan areas.</li> <li>the market for the supply of broadband internet access to residential customers in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> <li>Limited</li> </ul>	<p>No</p> <p>Yes</p> <p>Yes</p>
211.	ATM Access	<p>“ATM (Asynchronous Transfer Mode) is a switching technology that operates in much the same way as the telephone network. When you need capacity, you negotiate a connection at a required speed over a shared network. ATM has the ability to support, and in the long term replace, existing technologies such as Ethernet and Local Area Networks. It can integrate with similar technologies such as Frame Relay, Metropolitan Area Networks and Wide Area Networks.”</p> <p>(Information on this was obtained from the website provided by Telecom)</p>	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	<p>No</p> <p>Yes</p>
212.	IPNet	<p>“IP.networking is a new range of data networking services that gives you the any-to-any connectivity of the Internet and the security and performance of a private network.”</p>	Yes	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	<p>No</p> <p>Yes</p>
213.	Ethernet Services	The Commission could not find a description of this service.	No			
214.	Netgate	The Commission could not find a description of this service.	The replacement service (if any)	<ul style="list-style-type: none"> <li>the national market for the supply of data services in metropolitan areas</li> <li>the national market for the supply of data services in non-metropolitan areas.</li> </ul>	<ul style="list-style-type: none"> <li>Not Limited</li> <li>Limited</li> </ul>	<p>No</p> <p>Yes</p>