



LAND &amp; DEEDS OFFICE

- 6 AUG 1992

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The New Zealand  
**Gazette**

OF THURSDAY, 30 JULY 1992

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**WELLINGTON: FRIDAY, 31 JULY 1992 — ISSUE NO. 119**

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**TELECOMMUNICATIONS  
(DISCLOSURE)  
REGULATIONS 1990  
Prescribed Services**

This publication sets out the material required to be published by Telecom in the New Zealand Gazette pursuant to the Telecommunications (Disclosure) Regulations 1990.

The information herein describes the prices, terms and conditions of supply relating to prescribed services at the end of the quarter ending on the 30th day of June 1992. The Corporation has not published all information relating to prescribed services if the relevant prices, terms and conditions are identical in all material respects to those applying at the preceding quarter and which have already been published. The information is not intended by Telecom to constitute an offer of services to the public as the prices, terms and conditions of supply set out herein may change without notice. The information is also available on request at the following principal offices of the Corporation and its subsidiaries:

Telecom Corporation of New Zealand Limited, Telecom House, 13-27 Manners St, P O Box 570, Wellington;

Telecom Auckland Limited, Telecom Tower, 16 Kingston Street, Private Bag, Auckland 1;

Telecom Central Limited, Regional Office, 5th Floor, Housing Corporation Building, 500 Victoria Street, Private Bag 3100, Hamilton;

Telecom Wellington Ltd, 9th Floor Hewlett-Packard Building, 186-190 Willis St, PO Box 293, Wellington.

Telecom South Limited, Level 7, Telecom House, 109 Hereford St, P O Box 1473 Christchurch.

Detailed information on current national call (toll) charges, incorporating amendments to the charges published at the end of the preceding quarter, may be inspected or purchased at the principal offices of the Corporation at Auckland, Hamilton, Wellington, and Christchurch.

The information in this publication was prepared by Telecom Corporation of New Zealand Limited after making all reasonable inquiry and to the best of the knowledge of the Corporation complies with the requirements of Regulation 4 of the Telecommunications (Disclosure) Regulations 1990.

All Charges are GST EXCLUSIVE unless otherwise stated.

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## 1. TELEPHONE SERVICES

### 1.1 Extraordinary Service Charges

Where the PSTN service requested by the customer has transmission characteristics or other features that are not part of this list of charges, the customer must pay the installation and rental charges that Telecom specifically determines for this particular service. Since charges vary between areas, customers should enquire at their local Telecom ROC office for the charges which apply to their area.

### 1.2 Centrex Private Switching and Network Service

Centrex Private Switching and Network Service is a Public Switched Telephone Network access option providing customers with PABX-type functions from the Telecom exchange. Centrex Private Switching and Network Service is provided by means of Regular Extensions and Hunting Extensions. Hunting extensions provide a facility to distribute incoming calls over a number of extensions. Extensions are provisioned with a basic package of features in addition to ordinary telephone service functions and are assigned to a Basic Business Group. Currently a BBG can only be comprised of extensions connected to the same exchange situated within the same Telecom Local Calling Area. Additional features are also available.

There are two pricing options available with Centrex Private Switching and Network Service. Centrex Private Switching and Network Service I is intended for customers requiring up to 10 stations. Centrex Private Switching and Network Service II is intended for customers with larger requirements.

The following charges are for Centrex Private Switching and Network Service specific services, and do not include charges for standard telephone services, such as telephone instrument rental.

#### 1.2.1 Connection and Installation Charges

Installation and connection charges for both Regular Extensions and Hunting Extensions are the same for both Centrex Private Switching and Network Service I and II.

##### ***New Connection and Intact Conversion Charges***

Connection charges apply to all new Centrex Private Switching and Network Service connections. Intact conversion charges also apply when non-Centrex Private Switching and Network Service extensions are converted to Centrex Private Switching and Network Service extensions, or where regular Centrex Private Switching and Network Service extensions are converted to hunting extensions or vice versa.

- Charge for the establishment of a new Basic Business Group ..... \$55.00
- Charge for conversion of an existing PSTN line to Centrex Private Switching and Network Service, and provisioning of the basic feature package..... \$35.00
- Charge for the connection of a new Centrex Private Switching and Network Service extension and provisioning of the basic feature package..... \$70.00

##### ***Installation Charges***

Where work is required at a customer's premises to provide them with Centrex Private Switching and Network Service service, installation charges will be charged in addition to the above connection charges. Installation charges are the same as for ordinary telephone service.

#### 1.2.2 Monthly Access Charges

Charges for Regular and Hunting Centrex Private Switching and Network Service Extensions are the same.

##### ***Centrex Private Switching and Network Service I***

- Monthly access charge per Centrex Private Switching and Network Service extension..... \$67.00

##### ***Centrex Private Switching and Network Service II***

- Monthly access charge per customer site..... \$300.00
- Monthly access charge per customer extension ..... \$35.00

##### ***Note:***

- The minimum rental period for the Centrex Private Switching and Network Service II site is 12 months. The number of Centrex Private Switching and Network Service II extensions may be varied by the customer during the contract period.
- A customer site is defined as a physical site or street address.
- Call traffic cannot be concentrated on Centrex Private Switching and Network Service II extensions, for example by connecting PBXs. If traffic is concentrated as detailed then customers will be required to pay Centrex Private Switching and Network Service I charges.

#### 1.2.3 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 Private Switching and Network Service extensions to the PSTN.

### 1.3 ISDN Access to PSTN

This provides Integrated Services Digital Network (ISDN) digital access to the PSTN. Accesses may be Basic Rate Access (BRA), (equivalent to two 64 kbit/s voice circuits) or Primary Rate Access (PRA), (equivalent to up to thirty 64 kbit/s voice circuits).

ISDN Primary Rate Access to the PSTN is available for a minimum term of 12 months. No temporary lease is available for this service. The minimum term for a Basic Rate Access is one month.

The prices quoted below apply where a customer's Customer Premises Equipment (CPE) is capable of supporting the ISDN stream and also the individual circuits. Any extra costs associated with conversion of a customer's CPE to support ISDN access are to be paid by the customer.

ISDN access is only available from selected exchanges. At present these are : Takapuna, Hamilton, Lower Hutt, Courtenay Place, Wellington Central, Riccarton, Christchurch Central, Hillmorton, Dunedin and Nelson. Further exchanges will be added in response to demand and any queries should be directed to the local Telecom Business Sales Section.

Where Primary Rate Access is required from some other exchange it may be provided as a Foreign Exchange Service. Additional charges apply. Basic Rate Access is not available as a Foreign Exchange Service.

#### 1.3.1 Basic Rate Access

This service uses a 144 kbit/s link to provide access to the local exchange from a customer's premises.

##### **Installation Charges for Basic Rate Access**

- Installation charge per BRA ..... \$500.00

##### **Access Charges for Basic Rate Access**

- Monthly charge for access to the two 64 kbit/s "B" circuits (channels) ..... \$166.67

##### **Notes:**

- A single phone number is provided for both 64 kbit/s circuits.

##### **Call Charges for Basic Rate Access**

Local and national call charges apply to all Local and National calls from customers using ISDN local access to the PSTN.

International call charges apply to all international speech and 3.1 kHz audio calls from customers using ISDN local access.

Special charges apply to other international calls.

##### **Notes:**

- All calls are charged for each minute or part of a minute.
- All calls are charged at the rate applying when the call is started.

##### **Alteration and Reconfiguration Charges for Basic Rate Access**

All alteration and reconfiguration charges will be based on actual costs involved. They will include labour, travelling time, materials, and any other costs incurred.

#### 1.3.2 Primary Rate Access

This service uses 2Mbit/s links to provide access to the local exchange from a customer's premises and provides up to 30 64 kbit/s voice accesses - for example, for a Private Automatic Branch Exchange (PABX).

##### **Installation Charges for Primary Rate Access**

The installation charge for an access up to 2 km from the local exchange is based on actual costs involved, but will not exceed the maximum charge.

- Maximum charge per access (up to 2 km)..... \$7500.00

##### **Note:**

For installing access circuits further than 2 km from the local exchange, there will be an additional charge to the customer. This charge will be determined by the local Telecom Regional Operating Company and will be based on the costs of providing the link.

**Access Charges for Primary Rate Access**

Access charges for Primary Rate Access are comprised of three components; a charge for the service delivery points, a charge for each link and a charge for each 64 kbit/s circuits(channels) accessed.

- Monthly charge for the service delivery point at a customer's premises..... \$500.00  
(This is a fixed charge regardless of the quantity and number of accesses ending at the service delivery point)
- Monthly charge per Primary Rate Access ..... \$350.00  
(Each link with a capacity of 30 circuits)
- Monthly charge per 64 kbit/s circuit (channel) ..... \$38.50

*Note:*

There is a minimum monthly charge per service delivery point for circuit (channel) access. This minimum charge is \$385.00 (GST exclusive), or the equivalent of 10 circuits.

**Call Charges for Primary Rate Access**

Local and national call charges apply to all Local and National calls from customers using ISDN local access to the PSTN.

International call charges apply to all International speech and 3.1 kHz audio calls from customers using ISDN local access.

Special charges apply to other international calls.

*Notes:*

- All calls are charged for each minute or part of a minute.
- All calls are charged at the rate applying when the call is started.

**Alteration and Reconfiguration Charges for Primary Rate Access**

All alteration and reconfiguration charges will be based on actual costs involved. They will include labour, travelling time, materials, and any other costs incurred.

**1.3.3 Primary Rate Foreign Exchange Service.**

Where a customer requests Primary Rate Access from an exchange which does not yet support ISDN services, a connection will be provided to the nearest ISDN capable exchange, Megalink prices will apply to all transmission links required between the two exchanges.

**2.0 CALL TARIFFS**

The following general criteria apply to all calls charged on a per-call basis:

- All calls are charged at the rate applying when the call is started.

**2.1 Telecom Local Calls**

**2.1.1 Local Call Charging Rates**

All Telecom Local Calls are charged at the per minute rate for each minute or part of a minute.

**2.2 Telecom National Call (Toll) Charges**

**Direct Dial Calls**

Direct dialled Telecom National Calls are charged per second after the first minute. A one minute minimum charge applies to each call.

**Other Call Types**

All Telecom National Calls that are not Direct Dialled are charged at the per minute rate for each minute or part of a minute.

**RATES FOR NATIONAL CALLS  
(Effective 7pm, 6 April 1992)**

**CHARGING PERIOD**

CHARGING STEP	Morning Monday - Friday 8 a.m. - Noon		Afternoon Monday - Friday Noon - 6 p.m.		Economy Monday - Friday 6 p.m. - 10 p.m. & 7a.m. - 8 a.m.; Sat, Sun and national statutory holidays 7 a.m. - 10 p.m.		Night Every Day 10 p.m. - 7 a.m.	
	First Minute	Additional Seconds	First Minute	Additional Seconds	First Minute	Additional Seconds	First Minute	Additional Seconds
A	\$0.06	0.10 c	\$0.05	0.09 c	\$0.04	0.07 c	\$0.02	0.04 c
B	\$0.12	0.20 c	\$0.10	0.17 c	\$0.08	0.14 c	\$0.04	0.07 c
C	\$0.20	0.34 c	\$0.16	0.27 c	\$0.12	0.20 c	\$0.06	0.10 c
D	\$0.31	0.52 c	\$0.25	0.42 c	\$0.19	0.32 c	\$0.09	0.15 c
E&F	\$0.48	0.80 c	\$0.38	0.64 c	\$0.28	0.47 c	\$0.14	0.24 c
G	\$0.64	1.07 c	\$0.49	0.82 c	\$0.37	0.62 c	\$0.18	0.30 c
H	\$0.76	1.27 c	\$0.59	0.99 c	\$0.44	0.74 c	\$0.22	0.37 c
I&J	\$0.94	1.57 c	\$0.73	1.22 c	\$0.54	0.90 c	\$0.27	0.45 c

**Notes:**

- The per second prices are rounded up to the nearest 0.01 cents for convenience, so the prices actually charged may be slightly less than those shown.
- The price of any call is rounded up to the next whole cent.
- All times are New Zealand local time.
- Local Call rates apply to calls between telephone offices on Great Barrier Island.
- All times are New Zealand local time.

**2.3 Telecom International Call (Toll) Charges**

Direct dialled and Manual Telecom International Calls are charged per second after the first minute. A one minute minimum charge applies to each call. All other Telecom International Calls are charged per minute for each minute or part of a minute. The following charges apply to calls outside New Zealand.

**2.3.1 Direct Dialling**

Direct dialled Telecom International Calls are charged per second after the first minute. A one minute minimum charge applies to each call. Economy rates and one second charging do not apply where calls are connected by the Operator. Countries to which Direct Dialling is not available are indicated by an asterisk.

RATES FOR INTERNATIONAL CALLS (Effective 1 May 1992)					
COUNTRY	Standard First Minute	Standard Additional Seconds	Economy First Minute	Economy Additional Seconds	Hours when Economy Rate Applies
Australia	\$1.40	2.34c	\$0.88	1.47c	11pm - 8am & all day Saturday
Australian Antarctic Territories	\$1.40	2.34c	\$0.88	1.47c	11pm - 8am & all day Saturday
Christmas Island	\$1.40	2.34c	\$0.88	1.47c	11pm - 8am & all day Saturday
Cocos Island	\$1.40	2.34c	\$0.88	1.47c	11pm - 8am & all day Saturday
Norfolk Island	\$1.40	2.34c	\$0.88	1.47c	11pm - 8am & all day Saturday
American Samoa	\$1.68	2.8c	\$1.32	2.2c	Midnight - 8am Daily
Cook Islands	\$1.68	2.8c	\$1.32	2.2c	Midnight - 8am Daily
Fiji	\$1.68	2.8c	\$1.32	2.2c	Midnight - 8am Daily
French Polynesia	\$1.68	2.8c	\$1.32	2.2c	Midnight - 8am Daily
New Caledonia	\$1.68	2.8c	\$1.32	2.2c	Midnight - 8am Daily
Niue	\$1.68	2.8c	\$1.32	2.2c	Midnight - 8am Daily
Papua New Guinea	\$1.68	2.8c	\$1.32	2.2c	Midnight - 8am Daily
Solomon Islands	\$1.68	2.8c	\$1.32	2.2c	Midnight - 8am Daily
Vanuatu	\$1.68	2.8c	\$1.32	2.2c	Midnight - 8am Daily
Tonga	\$1.92	3.2c	\$1.32	2.2c	Midnight - 8am Daily
Western Samoa	\$1.92	3.2c	\$1.32	2.2c	Midnight - 8am Daily

Adelie Land *	\$1.92	3.2c	N/A	N/A	N/A		
Kiribati	\$1.92	3.2c					
Nauru	\$1.92	3.2c	Economy Rates are not applicable to these countries	Economy Rates are not applicable to these countries	Economy Rates are not applicable to these countries		
Pitcairn Island *	\$1.92	3.2c					
Tokelau *	\$1.92	3.2c					
Tuvalu	\$1.92	3.2c					
Wallis & Futuna Islands	\$1.92	3.2c					
Canada	\$2.53	4.22c	\$1.76	2.94c	10pm - 8am & All Day Sunday		
Hong Kong	\$2.53	4.22c	\$1.76	2.94c	Midnight - 8am Daily		
Malaysia	\$2.53	4.22c	\$1.76	2.94c	Midnight - 8am Daily		
Puerto Rico	\$2.53	4.22c	\$1.76	2.94c	10pm - 8am & All Day Sunday		
Singapore	\$2.53	4.22c	\$1.76	2.94c	Midnight - 8am Daily		
U.S. Virgin Islands	\$2.53	4.22c	\$1.76	2.94c	10pm - 8am & All Day Sunday		
United Kingdom	\$2.53	4.22c	\$1.76	2.94c	Midnight - 8am & All Day Saturday		
U.S.A (incl Hawaii, Alaska)	\$2.53	4.22c	\$1.76	2.94c	10pm - 8am & All Day Sunday		
Andorra	\$2.66	4.44c	\$1.76	2.94c	Midnight - 8am Daily		
Austria	The standard rate of \$2.66 applies to all these countries.	The standard rate of 4.44c applies to all these countries.	N/A	N/A	N/A		
Bahrain			N/A	N/A	N/A		
Bangladesh			N/A	N/A	N/A		
Belgium			N/A	N/A	N/A		
Bhutan			N/A	N/A	N/A		
Botswana			N/A	N/A	N/A		
Brunei			N/A	N/A	N/A		
Burkina Faso			N/A	N/A	N/A		
Cambodia			N/A	N/A	N/A		
Comoros			N/A	N/A	N/A		
Congo			N/A	N/A	N/A		
Cyprus			N/A	N/A	N/A		
Denmark					\$1.76	2.94c	Midnight - 8am Daily
Dominican Republic					N/A	N/A	N/A
Estonia					N/A	N/A	N/A
Faroe Islands					\$1.76	2.94c	Midnight - 8am Daily
Finland					\$1.76	2.94c	Midnight - 8am Daily
France					\$1.76	2.94c	Midnight - 8am Daily
French Guiana					N/A	N/A	N/A
Gambia					N/A	N/A	N/A
Germany					\$1.76	2.94c	Midnight - 8am Daily
Ghana					N/A	N/A	N/A
Greenland					\$1.76	2.94c	Midnight - 8am Daily
Guadeloupe					N/A	N/A	N/A
Guam					N/A	N/A	N/A
Hungary					N/A	N/A	N/A
India					N/A	N/A	N/A
Indonesia					N/A	N/A	N/A
Ireland					N/A	N/A	N/A
Italy					N/A	N/A	N/A
Japan					\$1.76	2.94c	Midnight - 8am Daily
Jordan					N/A	N/A	N/A
Kenya					N/A	N/A	N/A
Korea, Republic of (South)					N/A	N/A	N/A
Laos *			N/A	N/A	N/A		
Latvia			N/A	N/A	N/A		
Libya			N/A	N/A	N/A		
Liechtenstein			N/A	N/A	N/A		
Lithuania			N/A	N/A	N/A		
Macao			N/A	N/A	N/A		
Malta			N/A	N/A	N/A		
Mariana Islands			N/A	N/A	N/A		
Marshall Islands			N/A	N/A	N/A		
Martinique			N/A	N/A	N/A		
Mauritius			N/A	N/A	N/A		
Mayotte			N/A	N/A	N/A		
Mexico			N/A	N/A	N/A		
Micronesia			N/A	N/A	N/A		
Monaco			\$1.76	2.94c	Midnight - 8am Daily		
Nepal			N/A	N/A	N/A		
Netherlands			\$1.76	2.94c	Midnight - 8am Daily		
Nigeria			N/A	N/A	N/A		

Continued overleaf

## 2.3.1 International Direct Dialling (cont'd)

RATES FOR INTERNATIONAL CALLS (Effective 1 May 1992)							
COUNTRY	Standard First Minute	Standard Additional Seconds	Economy First Minute	Economy Additional Seconds	Hours when Economy Rate Applies		
Norway	\$2.66	4.44c	\$1.76	2.94c	Midnight - 8am Daily		
Oman			N/A	N/A	N/A		
Palau			N/A	N/A	N/A		
Philippines	The standard rate of \$2.66 applies to all these countries.	The standard rate of 4.44c applies to all these countries.	\$1.76	2.94c	Midnight - 8am Daily		
Poland			N/A	N/A	N/A		
Qatar			N/A	N/A	N/A		
Reunion			N/A	N/A	N/A		
Russia			N/A	N/A	N/A		
St Pierre & Miquelon			N/A	N/A	N/A		
Saudi Arabia			N/A	N/A	N/A		
South Africa			N/A	N/A	N/A		
Sri Lanka			N/A	N/A	N/A		
Swaziland			N/A	N/A	N/A		
Sweden					\$1.76	2.94c	Midnight - 8am Daily
Switzerland					N/A	N/A	N/A
Taiwan					N/A	N/A	N/A
Thailand					N/A	N/A	N/A
Togo					N/A	N/A	N/A
Tristan da Cunha *					N/A	N/A	N/A
United Arab Emirates					N/A	N/A	N/A
Venezuela					N/A	N/A	N/A
Yemen Arab Republic					N/A	N/A	N/A
Yemen PDR					N/A	N/A	N/A
Yugoslavia			N/A	N/A	N/A		
Zaire			N/A	N/A	N/A		
Zambia			N/A	N/A	N/A		
Zimbabwe			N/A	N/A	N/A		
Afghanistan	\$2.93	4.89c	N/A	N/A	N/A		
Albania	The standard rate of \$2.93 applies to all these countries.	The standard rate of 4.89c applies to all these countries.	Economy Rates are not applicable to these countries	Economy Rates are not applicable to these countries	Economy Rates are not applicable to these countries		
Algeria							
Angola							
Anguilla							
Antigua							
Argentina							
Aruba							
Ascension							
Bahamas							
Barbados							
Belize							
Benin							
Bermuda							
Bolivia							
Brazil							
British Virgin Islands							
Bulgaria							
Burundi							
Cameroon							
Cape Verde							
Cayman Islands							
Central African Republic							
Chad							
Chile							
China							

Continued overleaf



## 2.3.1 International Direct Dialling (cont'd)

RATES FOR INTERNATIONAL CALLS (Effective 1 May 1992)					
COUNTRY	Standard First Minute	Standard Additional Seconds	Economy First Minute	Economy Additional Seconds	Hours when Economy Rate Applies
Colombia	\$2.93	4.89c	N/A	N/A	N/A
Costa Rica					
Cuba	The standard rate of \$2.93 applies to all these countries.	The standard rate of 4.89c applies to all these countries.	Economy Rates are not applicable to these countries	Economy Rates are not applicable to these countries	Economy Rates are not applicable to these countries
Czechoslovakia					
Djibouti					
Dominica					
Ecuador					
Egypt					
El Salvador					
Equatorial Guinea					
Ethiopia					
Falkland Islands					
Gabon					
Gibraltar					
Greece					
Grenada					
Guatemala					
Guinea					
Guinea Bissau					
Guyana					
Haiti					
Honduras					
Iceland					
Iran					
Iraq					
Israel					
Ivory Coast					
Jamaica					
Korea PDR (North)					
Kuwait					
Lebanon					
Lesotho					
Liberia					
Luxembourg					
Madagascar					
Malawi					
Maldives					
Mali					
Mauritania					
Midway Island *					
Mongolia					
Montserrat					
Morocco					
Mozambique					
Myanmar Republic (Burma)					
Namibia					
Netherlands Antilles					
Nicaragua					
Niger					
Pakistan					
Panama					
Paraguay					
Peru					

Continued overleaf

## 2.3.1 International Direct Dialling (cont'd)

RATES FOR INTERNATIONAL CALLS (Effective 1 May 1992)					
COUNTRY	Standard First Minute	Standard Additional Seconds	Economy First Minute	Economy Additional Seconds	Hours when Economy Rate Applies
Portugal Romania Rwanda St Helena St Kitts St Lucia St Vincent Sao` Tome` & Principe Senegal Seychelles Sierra Leone Somalia * Spain Sudan Surinam Syria Tanzania Trinidad & Tobago Tunisia Turkey Turks & Caicos Islands Uganda Uruguay Vietnam Wake Island *	\$2.93  The standard rate of \$2.93 applies to all these countries.	4.89c  The standard rate of 4.89c applies to all these countries.	N/A  Economy Rates are not applicable to these countries	N/A  Economy Rates are not applicable to these countries	N/A  Economy Rates are not applicable to these countries
NMARSAT - Atlantic Ocean Region (East)	\$16.00	26.67 c	N/A	N/A	
NMARSAT - Atlantic Ocean Region (West)	\$16.00	26.67 c	N/A	N/A	
NMARSAT - Indian Ocean Region	\$16.00	26.67 c	N/A	N/A	
NMARSAT - Pacific Ocean Region	\$16.00	26.67 c	N/A	N/A	

*Notes:*

- Direct dialled Telecom International Calls are charged per second after the first minute. A one minute minimum charge applies to each call.
- All other call types are charged per minute for each minute or part of a minute.
- The per second prices are rounded up to the nearest 0.01 cents for convenience, so the prices actually charged may be slightly less than those shown.
- The price of any call is rounded up to the next whole cent.

## 2.3.2 International Switched Digital Service

The International Switched Digital Service (ISDS) allows customers with an ISDN access to obtain on-demand synchronous 64 kbit/s circuits to overseas destinations which offer a matching ISDN or switched digital service. The call charges for this service are as follows:

COUNTRY	FIRST MINUTE	ADDITIONAL SECONDS
Australia	\$3.60	\$0.06
	\$4.80	\$0.08

*Notes:*

- Direct Dialled Telecom ISDS calls are charged per second after the first minute. A one minute minimum charge applies to all calls. All other Telecom ISDS calls are charged at the per minute rate for each minute or part of a minute.
- All answered calls are charged for. An "answered" call includes connection to a facsimile machine, or any other device which causes the terminating exchange to return a "call answered" signal.
- All calls using more than one 64kbit/s circuit will be charged for each circuit answered during that call.

## 2.3.3 WorldNet (Interim International Virtual Private Network, IVPN)

Customers who register for WorldNet are able to incorporate frequently called international destinations into an international private dialling plan unique to that customer. Initially, customers of the interim IVPN service will only be able to register overseas sites in Australia as part of their dialling plan. Other overseas destinations will be added progressively. This service for business customers provides savings on international calls to major users of international telephone service. Telecom also provides management of the network and call analysis.

International calls made by WorldNet customers can be divided into three classes depending on the status of the called site.

**WorldNet On-net Calls**

International traffic originating in one of the customer's New Zealand WorldNet sites directed to one of the customer's Overseas WorldNet sites, i.e., calls to other sites in the network. Usage based discounts apply to WorldNet on-net calls, based on the total amount of traffic (WorldNet on-net calls) in any one month (see table on following page).

**WorldNet Off-net Calls**

International traffic originating from one of the customer's New Zealand WorldNet sites directed to an overseas destination that has been included in the customer's dialling plan, but which is not part of the same network. WorldNet off-net calls are charged at 8% less than the International rates applying at the time.

**Off-net Calls**

International traffic originating from one of the customer's New Zealand WorldNet sites directed to any overseas destination other than one of the customer's WorldNet on-net or WorldNet off-net sites. Off-Net calls are charged at 8% less than the International rates applying at the time.

**Registration and Establishment Charges**

- Establishment Charge ..... \$1500.00
- Registration charge per New Zealand WorldNet site..... \$100.00
- Registration charge per Overseas WorldNet site..... \$100.00
- Registration charge per Overseas Off-net site..... \$20.00

**Notes:**

- A New Zealand WorldNet site is any customer location in New Zealand connected to WorldNet for which a WorldNet number is allocated in the customer dialling plan.
- An Overseas WorldNet site is a site which is connected to an IVPN of an overseas service provider and is registered as part of the New Zealand customer's WorldNet network.
- An Overseas Off-Net site is a site which is included in the customer's dialling plan but which is not connected to an IVPN of an overseas service provider as a registered site of the same WorldNet network.

**Usage Charges**

**WorldNet On-Net Calls**

Customers commit to a minimum number of hours worth of WorldNet on-net calls through the IVPN per month. For this level of calling the customer pays a fixed monthly charge. This charge covers on-going costs associated with the customer's service, as well as the call charge for that minimum time period. The call charge is 10% less than the standard rate. On-net calls over and above the monthly minimum receive discounts off the standard international rates according to usage volumes.

- Minimum monthly charge for an IVPN to Australia..... \$1200.00
- Additional price benefits applicable to On-Net calls after 15 hours worth of On-Net calls

Total Hours of Calls through the IVPN per month	IVPN call charge for first minute	IVPN call charge per six seconds after the first minute	% below standard International Telephone Call 1-minute charging rates
Over 15 hours and up to and including 35 hours	\$1.26	\$0.13	10%
Over 35 hours and up to and including 70 hours	\$1.23	\$0.14	12%
Over 70 hours and up to and including 100 hours	\$1.22	\$0.13	13%
Over 100 hours	\$1.20	\$0.12	14%

**Notes:**

- On-Net calls are charged in six second increments after the first minute.
- The per six-second prices are rounded up to the nearest cent for convenience, so the price actually charged may be slightly less than those actually shown.
- The price of any call is rounded up to the nearest cent.
- The IVPN rates above apply at all times to WorldNet customers.

**WorldNet Off-Net and Off-Net Charges**

WorldNet off-net and Off-net Calls are charged at 8% less than the International Call rates applicable at the time. The conditions applying to ordinary International Telephone Calls apply to WorldNet off-net and Off-net calls. If a

WorldNet customer already has a Telecom MOA agreement or other discount plan giving greater savings, this will apply instead of the 8% discount applying to WorldNet Off Net and Off-Net Charges.

#### **Alteration and Reconfiguration Charges**

- Alteration charge per site, for changes to extension numbers..... \$20.00

*Note:*

This charge covers alteration, addition or removal of numbers from a customer's dialling plan after the initial configuration.

### **3. NATIONAL LEASED CIRCUITS**

#### **3.1 Telegraph Circuits (T1, T2, T3)**

##### **3.1.2 Monthly Access Charges**

- Charge per end of circuit for T-type Circuits..... \$22.00

#### **3.2 Digital Data Service (DDS)**

##### **3.2.1 Installation Charges**

###### *Digital and/or Analogue Installation Charges*

- Charge per NTU for new connection or installation for 2.4 kbit/s circuit..... \$420.00
- Charge per NTU for new connection or installation for 4.8 kbit/s circuit..... \$420.00
- Charge per NTU for new connection or installation for 9.6 kbit/s circuit..... \$420.00
- Charge per NTU for new connection or installation for digital 19.2 kbit/s circuit.... \$420.00
- Charge per NTU for new connection or installation for digital 48 kbit/s circuit..... \$420.00
- Charge per NTU for conversion of a standard DDS circuit to a M-DDS circuit..... \$320.00

*Notes:*

- The initial installation fee covers the provision of the MTU, access to the Telecom network and all circuit interfaces activated at that time.

##### **3.2.2 Monthly Access Charges**

###### *Point-to-Point Monthly Access Charges*

###### *Standard Digital Access Charges*

- Charge per end of circuit for standard digital 128 kbit/s..... \$800.00

###### *Asynchronous-Service Access Charges*

- Additional charge per NTU for asynchronous service (digital only) at 19.2kbit/s.... \$35.00

###### *Multipoint-Service Monthly Access Charges*

- Multipoint surcharge per end of 2.4kbit/s circuit ..... \$40.00
- Multipoint surcharge per end of 4.8kbit/s circuit ..... \$45.00
- Multipoint surcharge per end of 9.6kbit/s circuit ..... \$60.00

###### *Standard Digital Access*

This gives the following digital charges for multipoint circuits:

- Charge per end of circuit for digital 2.4 kbit/s..... \$200.00
- Charge per end of circuit for digital 4.8 kbit/s..... \$215.00
- Charge per end of circuit for digital 9.6 kbit/s..... \$250.00

###### *Multistream Access*

This gives the following charges for Multistream multipoint circuit accesses:

- Charge per Multistream tributary multipoint access for digital 2.4 kbit/s..... \$105.00
- Charge per Multistream tributary multipoint access for digital 4.8 kbit/s..... \$110.00
- Charge per Multistream tributary multipoint access for digital 9.6 kbit/s..... \$125.00
- Charge per Multistream control end multipoint access for digital 2.4 kbit/s, 4.8 kbit/s, 9.6 kbit/s..... \$65.00

###### *Analogue Access*

Analogue surcharges for access vary, depending on the speed of the transmission. This gives analogue access charges of:

- Charge per end of circuit for analogue 2.4 kbit/s..... \$440.00
- Charge per end of circuit for analogue 4.8 kbit/s..... \$455.00
- Charge per end of circuit for analogue 9.6 kbit/s..... \$490.00

### 3.2.3 Alteration and Reconfiguration Charges

- Change of speed from any existing service to 19.2 kbit/s, 64kbit/s and 128 kbit/s.. same as installation of new service  
(Including Wideband DDS)
- Internal and External Removal, minimum charge ..... \$150.00

*Note:*

The charge will be based on the actual costs involved (labour and materials), but will not be less than \$150.00.

### 3.3 Wideband Digital Data Service (also known as Nx64 kbit/s)

#### 3.3.1 Monthly Access Charges

##### *Standard Access*

Access charges for Wideband DDS are composed of three charges. The monthly access charge is not based on the length of the access circuit.

- Charge for Wideband DDS service delivery point at a customer's premises..... \$500.00  
(This is a fixed charge regardless of the quantity and number of similar links at the service delivery point)  
Plus
- Charge for each Wideband DDS ..... \$530.00  
(Each link with a capacity of 2Mbit/s of 30 64Kbit/s links)  
Plus
- Charge per 64kbit/s..... \$34.00  
(a minimum charge as for 10 64kbit/s circuits will apply)

#### 3.3.2 Monthly Transmission Charges

##### *Wideband DDS: Monthly Transmission Charges*

No. of  
64 kbit/s  
Circuits

	City Step	Step A	Step B	Step C	Step D	Step E
6	\$1392.00	\$1798.00	\$3538.00	\$6612.00	\$10556.00	\$13108.00
7	\$1500.00	\$2046.00	\$4026.00	\$7524.00	\$12012.00	\$14916.00
8	\$1500.00	\$2294.00	\$4514.00	\$8436.00	\$13468.00	\$16724.00
9	\$1500.00	\$2542.00	\$5002.00	\$9348.00	\$14924.00	\$18532.00
10	\$1500.00	\$2790.00	\$5490.00	\$10260.00	\$16380.00	\$20340.00
11	\$1500.00	\$3022.50	\$5947.50	\$11115.00	\$17745.00	\$22035.00
12	\$1500.00	\$3255.00	\$6405.00	\$11970.00	\$19110.00	\$23730.00
13	\$1500.00	\$3487.50	\$6862.50	\$12825.00	\$20475.00	\$25425.00
14	\$1500.00	\$3720.00	\$7320.00	\$13680.00	\$21840.00	\$27120.00
15	\$1500.00	\$3952.50	\$7777.50	\$14535.00	\$23205.00	\$28815.00
16	\$1500.00	\$4185.00	\$8235.00	\$15390.00	\$24570.00	\$30510.00
17	\$1500.00	\$4417.50	\$8692.50	\$16245.00	\$25935.00	\$32205.00
18	\$1500.00	\$4650.00	\$9150.00	\$17100.00	\$27300.00	\$33900.00
19	\$1500.00	\$4882.50	\$9607.50	\$17955.00	\$28665.00	\$35595.00
20	\$1500.00	\$5115.00	\$10065.00	\$18810.00	\$30030.00	\$37290.00
21	\$1500.00	\$5347.50	\$10522.50	\$19665.00	\$31395.00	\$38985.00
22	\$1500.00	\$5580.00	\$10980.00	\$20520.00	\$32760.00	\$40680.00
23	\$1500.00	\$5812.50	\$11437.50	\$21375.00	\$34125.00	\$42375.00
24	\$1500.00	\$6045.00	\$11895.00	\$22230.00	\$35490.00	\$44070.00
25	\$1500.00	\$6277.50	\$12352.50	\$23085.00	\$36855.00	\$45765.00
26	\$1500.00	\$6510.00	\$12810.00	\$23940.00	\$38220.00	\$47460.00
27	\$1500.00	\$6510.00	\$13267.50	\$24795.00	\$39585.00	\$49155.00
28	\$1500.00	\$6510.00	\$13725.00	\$25650.00	\$40950.00	\$50850.00
29	\$1500.00	\$6510.00	\$14182.50	\$26505.00	\$42315.00	\$52545.00
30	\$1500.00	\$6510.00	\$14640.00	\$27360.00	\$43680.00	\$54240.00

#### 3.3.3 Other Charges

##### *Minimum Lease Period*

The minimum lease period for Wideband DDS is 6 months.

### 3.4 Metropolitan Digital Data Service

#### 3.4.1 Conversion Charges

Where Standard DDS is converted to Metropolitan DDS, or vice versa, a conversion charge applies.

- Charge per NTU for conversion of a standard DDS circuit to a M-DDS circuit..... \$320.00
- Charge per NTU for conversion of a M- DDS circuit to a standard DDS circuit..... \$320.00

### 3.5 Dedicated Voice Services

Telecom's Dedicated Voice Services provide a dedicated circuit linking two locations together for voice traffic. The ends of the circuit can either both be situated within the same local calling area (for example both ends in the Wellington local calling area) or they can be in different local calling areas (for example one end in the Wellington local calling area and the other in the Auckland local calling area).

The specific voice services are

- PBX Tieline Service.
- Metrolink Service.
- Distant and Remote PBX Extension Services.
- Shutdown/Ringdown Service.

A range of access options and interfaces is available for these services, including a purely digital interface for PBX Tielines and Metrolink Service - Digital Voice Access. The following information on Digital Voice Access applies to all PBX Tielines and Metrolink Service circuits.

#### 3.5.1 Digital Voice Access

Digital Voice Access (also known as Fractional E1) is an access option which enables a range of Telecom Network Services to be provided via a single 2 Mbit/s digital interface. As Digital Voice Access is an access option only, it is only sold in conjunction with another Telecom network service. There are no transmission or usage charges associated with Digital Voice Access as these are charged in conjunction with individual network services.

##### **Installation Charges**

The installation charge is independent of the number of 64 kbit/s channels involved in the link to the customer. The installation charge for a circuit up to 2 km from the local exchange is based on the actual costs involved, but will not exceed a predetermined maximum charge.

- Maximum charge per end of link..... \$7500.00

For installing access circuits further than 2 km from the local exchange, there will be an additional charge to the customer. This charge will be determined by the local Telecom Regional Operating Company and will be based on the costs of providing the link.

- Charge, per channel, for additional channels added to an existing Digital Voice Access..... \$150.00

##### **Note:**

No additional installation charges are charged for channels configured with the initial installation of the Digital Voice Access.

##### **Monthly Access Charges**

Access charges for Digital Voice Access are composed of three charges.

- Charge for the Digital Voice Access service delivery point at a customer's premises \$500.00  
(This is a fixed charge regardless of the quantity and number of similar links at the service delivery point)  
*Plus*
- Charge for each Digital Voice Access link..... \$350.00  
(Each link with a capacity of 2 Mbit/s or 30 64 kbit/s channels)  
*Plus*
- Charge per 64 kbit/s channel.....as per charge  
for each individual  
service

(A minimum charge of \$34.00 per channel will apply. Customers are required to pay for a minimum of 10 channels)

##### **Alteration and Reconfiguration Charges**

All alteration charges to a Digital Voice Access which require a site visit will be based on the actual costs involved. They will include, for example, labour, materials and travelling time.

##### **Other Charges**

##### **Temporary Lease**

There is no temporary lease available with Digital Voice Access

*Minimum Lease*

The minimum lease period for Digital Voice Access is 6 months.

**3.5.2 PBX Tieline Service**

A dedicated link between two PBXs enabling rapid calling between extensions on both PBXs.

**Installation Charges**

*Analogue Access*

- Charge per end for a 4-wire Voice Band Access..... \$420.00
- Charge per end for a 4-wire and E&M Access..... \$420.00

*Digital Voice Access*

**Signalling Conversion and Conditioning Equipment Charges**

Where E&M signalling is required or special conditioning is needed to meet the customer's requirements, extra signalling conversion and/or conditioning equipment may need to be installed in a customer's premises. To meet the extra costs in providing this equipment in a customer's premises there will be an additional installation charge based on actual costs involved. They will include, for example, labour, materials and travelling time.

**Extended Area Installation Charges**

In cases where additional electronic enhancement is required in the local access to provide the required service to the customer (typically for distances greater than 10 km), a capital contribution will be charged. The capital contribution will be negotiated between Telecom's Regional Operating Companies and the customer.

**Monthly Access Charges**

- Charge per end for 4-wire Voice Band Access ..... \$80.00
- Charge per end for 4-wire and E&M Access..... \$120.00
- Charge per end for Digital Voice Access (per channel)..... \$34.00

Plus : Monthly charges for Digital Voice Access service delivery point (one per site) and Digital Voice Access link(s),

**Monthly Transmission Prices**

All PBX Tieline circuits incur a transmission charge which covers the costs of the link between the terminal centres to which the customer's circuit ends connect.

The City Step transmission charge is applicable when a circuit is completely within the metropolitan borders of Auckland, Hamilton, Palmerston North, Wellington, and Christchurch. The Director of Sales in each ROC will determine what constitutes the metropolitan borders of each of these areas, but the intention is for a City Step to cover only what can be regarded as a continuous urban area. Circuits completely within the urban areas of other centres will usually be charged the Step A rate; but they may be determined as metropolitan by the local Director of Sales, subject to the agreement of the Telecom Pricing Manager.

*Monthly Transmission Charges (per individual circuit)*

	City Step	Step A	Step B	Step C	Step D	Step E
Charge	\$240.00	\$310.00	\$610.00	\$1140.00	\$1820.00	\$2260.00

Where channel associated signalling is used (in time slot 16), there are no additional transmission charges for transporting the signalling. Where the entire signalling channel has to be transported intact through the network for a common channel or proprietary signalling protocol (irrespective of the number of channels used) additional transmission charges for the appropriate step will apply.

**Alteration and Configuration Prices**

- External Removal charge per end for 4-wire Voice Band Access..... same as installation
- External Removal charge per end for 4-wire and E&M Access..... same as installation
- External Removal charge per channel to redirect PBX Tielines to existing Digital Voice Access..... same as installation for additional channel connected to a DVA

- Internal Removal charge per end (alterations to internal cabling only)..... \$60.00
- Charge for Reconnection..... \$140.00

#### **Other Charges**

Charges for other alterations and adjustments to customer circuits will be based on actual costs involved. They will include, for example, labour, materials and travelling time.

### **3.5.3 Metrolink Service**

A leased service that provides normal switched telephone service in a remote exchange area. This service will eventually supersede the Foreign Exchange service for new customers.

#### **Installation Charges**

##### *Analogue Access*

- Charge per end for a 2-wire analogue access..... \$420.00
- Charge per end for a 4-wire and E&M Access..... \$420.00

##### *Digital Voice Access*

#### **Signalling Conversion and Conditioning Equipment Charges**

Where E&M signalling is required or special conditioning is needed to meet the customer's requirements, extra signalling conversion and/or conditioning equipment may need to be installed in a customer's premises. To meet the extra costs in providing this equipment in a customer's premises there will be an additional installation charge based on actual costs involved. They will include, for example, labour, materials and travelling time.

#### **Extended Area Installation Charges**

In cases where additional electronic enhancement is required in the local access to provide the required service to the customer (typically for distances greater than 10 km), a capital contribution will be charged. The capital contribution will be negotiated between Telecom's Regional Operating Companies and the customer.

#### **Monthly Access Charges**

- Charge per end for 2-wire analogue access ..... \$60.42
  - Charge per end for 4-wire and E&M Access..... \$140.42
  - Charge per end for Digital Voice Access (per channel)..... \$60.42
- Plus : Monthly charge for Digital Voice Access*

#### **Monthly Transmission Prices**

All Metrolink Service circuits incur a transmission charge which covers the costs of the link between the terminal centres to which the customer's circuit ends connect.

The City Step transmission charge is applicable when a circuit is completely within the metropolitan borders of Auckland, Hamilton, Palmerston North, Wellington, and Christchurch. The Director of Sales in each ROC will determine what constitutes the metropolitan borders of each of these areas, but the intention is for a City Step to cover only what can be regarded as a continuous urban area. Circuits completely within the urban areas of other centres will usually be charged the Step A rate; but they may be determined as metropolitan by the local Director of Sales, subject to the agreement of the Telecom Pricing Manager.

#### **Monthly Transmission Charges (per individual circuit)**

	City Step	Step A	Step B	Step C	Step D	Step E
Charge	\$240.00	\$310.00	\$610.00	\$1140.00	\$1820.00	\$2260.00

#### **Call Charges**

Calls which are made using a Metrolink connection are charged at the rates applicable to calls from business telephones connected to the "foreign" exchange.

#### **Alteration and Reconfiguration Prices**

- External Removal charge per end for 2-wire analogue access ..... same as installation



- External Removal charge per end for 4-wire and E&M Access..... same as installation
- External Removal charge per channel to redirect Metrolink Circuits to existing Digital Voice Access..... same as installation for an additional channel connected to a DVA
- Internal Removal charge per end (alterations to internal cabling only)..... \$60.00
- Charge for Reconnection..... \$140.00

### **Other Charges**

Charges for other alterations and adjustments to customer circuits will be based on actual costs involved. They will include, for example, labour, materials and travelling time.

### **3.5.4 Distant and Remote PBX Extension Service**

**Distant PBX Extension Service:** A dedicated voice link between a PBX and a distant extension telephone, within the same local calling area. Usually, both the PBX and the extension telephone will be connected to the same Telecom Terminal Centre, or to Telecom Terminal Centres located less than 25 km apart.

**Remote PBX Extension Service:** A dedicated voice link between a PBX and a remote extension telephone - typically when the PBX and the extension telephone connected to different local calling areas.

### **Installation Charges**

- Charge per end for a 2-wire analogue access for Distant PBX extensions ..... \$210.00
- Charge per end for a 2-wire analogue access for Remote PBX extensions ..... \$420.00

### **Signalling Conversion and Conditioning Equipment Charges**

Where special conditioning is needed to meet the customer's requirements, extra conditioning equipment may need to be installed in a customer's premises. To meet the extra costs in providing this equipment in a customer's premises there will be an additional installation charge based on actual costs involved. They will include, for example, labour, materials and travelling time.

### **Extended Area Installation Charges**

In cases where additional electronic enhancement is required in the local access to provide the required service to the customer (typically for distances greater than 10 km), a capital contribution will be charged. The capital contribution will be negotiated between Telecom's Regional Operating Companies and the customer.

### **Monthly Access Charges**

- Charge per end for 2-wire analogue access for Distant and Remote PBX extensions ..... \$40.00

### **Monthly Transmission Prices**

All Remote PBX Extension circuits incur a transmission charge which covers the costs of the link between the terminal centres to which the customers circuit ends connect.

The City Step transmission charge is applicable when a circuit is completely within the metropolitan borders of Auckland, Hamilton, Palmerston North, Wellington, and Christchurch. The Director of Sales in each ROC will determine what constitutes the metropolitan borders of each of these areas, but the intention is for a City Step to cover only what can be regarded as a continuous urban area. Circuits completely within the urban areas of other centres will usually be charged the Step A rate; but they may be determined as metropolitan by the local Director of Sales, subject to the agreement of the Telecom Pricing Manager.

#### *Monthly Transmission Charges (per individual circuit for Remote PBX Extensions)*

	City Step	Step A	Step B	Step C	Step D	Step E
Charge	\$240.00	\$310.00	\$610.00	\$1140.00	\$1820.00	\$2260.00

#### *Monthly Transmission Charges (per individual circuit for Distant PBX Extensions)*

Distant PBX Extensions do not incur a transmission charge as both ends of these circuits terminate on the same, or closely located Telecom Terminal Centres. Distant PBX Extensions may incur a per-kilometre junction charge if access is required between two exchanges in the same Telecom local calling area.

- Junction charge per kilometre (Distant PBX Extensions only)..... \$8.50

**Alteration and Reconfiguration Prices**

- External Removal charge per end for 2-wire Distant and Remote PBX Extensions ..... same as installation
- External Removal charge per end for 4-wire and E&M Access..... same as installation
- Internal Removal charge per end (alterations to internal cabling only)..... \$60.00
- Charge for Reconnection..... \$140.00

**Other Charges**

Charges for other alterations and adjustments to customer circuits will be based on actual costs involved. They will include, for example, labour, materials and travelling time.

**3.5.5 Shoutdown and Ringdown Service**

A dedicated link between two telephones. Calls are established immediately when either handset is lifted.

A ringdown generates ringing at the distant end while a speakdown provides a permanent speech path, typically to a loud speaking telephone.

**Installation Charges**

- Charge per end for a 2-wire analogue access ..... \$420.00

**Signalling Conversion and Conditioning Equipment Charges**

Where special conditioning is needed to meet the customer's requirements, conditioning equipment may need to be installed in a customer's premises. To meet the extra costs in providing this equipment in a customer's premises there will be an additional installation charge based on actual costs involved. They will include, for example, labour, materials and travelling time.

**Extended Area Installation Charges**

In cases where additional electronic enhancement is required in the local access to provide the required service to the customer (typically for distances greater than 10 km), a capital contribution will be charged. The capital contribution will be negotiated between Telecom's Regional Operating Companies and the customer.

**Monthly Access Charges**

- Charge per end for a 2-wire analogue access ..... \$40.00

**Monthly Transmission Prices**

All Shoutdown and Ringdown circuits incur a transmission charge which covers the costs of the link between the terminal centres to which the customers circuit ends connect.

The City Step transmission charge is applicable when a circuit is completely within the metropolitan borders of Auckland, Hamilton, Palmerston North, Wellington, and Christchurch. The Director of Sales in each ROC will determine what constitutes the metropolitan borders of each of these areas, but the intention is for a City Step to cover only what can be regarded as a continuous urban area. Circuits completely within the urban areas of other centres will usually be charged the Step A rate; but they may be determined as metropolitan by the local Director of Sales, subject to the agreement of the Telecom Pricing Manager.

**Monthly Transmission Charges (per individual circuit)**

	City Step	Step A	Step B	Step C	Step D	Step E
Charge	\$240.00	\$310.00	\$610.00	\$1140.00	\$1820.00	\$2260.00

**Alteration and Reconfiguration Prices**

- External Removal charge per end for a 2-wire analogue access ..... same as installation
- Internal Removal charge per end (alterations to internal cabling only)..... \$60.00
- Charge for Reconnection..... \$140.00

**Other Charges**

Charges for other alterations and adjustments to customer circuits will be based on actual costs involved. They will include, for example, labour, materials and travelling time.

#### 4. PERMIT TO CONNECT

##### 4.1 PTC Specifications

No	Title	Issue	Price \$
TNA 117	Specification for 2048 Kbit/s Network Interface	May 1992	25
PTC 217	Requirements for Bandwidth Management Devices	Draft April 1992	90

#### 5. DISCOUNTS

##### 5.1 International Private Leased Circuits

Discounts up to 9.9% are generally available on private leased circuits based on the following criteria:

- Term commitment from customer to use service
- Customer requirements for diversity
- Credit worthiness
- Type of service
- Aggregate amount of bandwidth purchased by customer
- Destination of the service
- Requirements for service to several overseas locations
- Commitment by customer to upgrade service to higher bandwidth during course of contract
- Customer requirement for the provision of facilities management services by Telecom

The above criteria were used in assessing the following specific discounts to customers:

A customer was offered a discount of 18% on a 64K SKYSTREAM service.

A customer was allowed a discount of 17.5% on a 64K x2 LIGHTSTREAM service.

A customer was allowed a discount of 18.9% on a 64K SKYSTREAM service.

A customer was allowed a discount of 14.6% on a 128K TASTREAM service.

A customer was allowed a discount of 17.5% on a 256K TASTREAM service.

A customer was allowed a discount of 24.2% on a 64K TASTREAM service.

A customer was allowed a discount of 17.5% on a 9.6K TASTREAM service.

A customer was allowed a discount of 12% on a 64K x 2 SKYSTREAM service.

A customer was allowed a discount of 15% on a 256K LIGHTSTREAM service and a discount of 25% on a 256K SKYSTREAM service.

A customer was allowed a discount of 17.5% on an Analogue Voice Data service.

A customer was allowed a discount of 12.08% on a 384K LIGHTSTREAM service, and a 13.8% discount on a 128K SKYSTREAM service.

A customer was allowed a discount of 16.7% on a 64K TASTREAM service.

##### 5.2 Call Savings Plans

###### 5.2.1 Telecom Brilliant Deductions Call Plans

A range of business call savings plans targetted at small businesses and the general business market. The Brilliant Deductions Call Savings Plans are mainly aimed at single site customers spending less than \$10,000 per month on tolls. However, multiple site business customers, with all sites located in one of Telecom's Regional Operating Company areas, are also eligible.

The Brilliant Deductions Call Savings Plans are:

- Brilliant Deductions giving savings on National and International Calls;
- Brilliant Deductions 450, 1250 and 5000 giving savings on National Calls; and
- Brilliant Deductions 450i, 1250i, 5000i giving savings on International Calls.

A customer can combine different Brilliant Deductions call plans to suit their requirements, but can only be enrolled on one plan for National Calls and one plan for International Calls at any one time. For example, a customer may utilise Brilliant Deductions for their National Calls and one of Brilliant Deductions 450i, 1250i, 5000i for their International Calls, or they may utilise Brilliant Deductions for their International Calls and one of Brilliant Deductions 450,1250,5000 for their National Calls.

###### Brilliant Deductions

Telecom Brilliant Deductions has been relaunched as a permanent Call Savings Plan. The plan has a number of conditions associated with it. These are as follows:

- Customers must take service pursuant only to the Standard Terms & Conditions for Telecom Network Service to Non-Residential customers. This plan shall not apply to a customer who receives service on terms and conditions which vary from the standard. For the avoidance of doubt, this plan shall not apply to any customer who receives any other rebate, discount or price consideration in respect of all services provided to that customer by the Telecom group including a National Account customer or Major Account customer who has entered into a contract known as a "Memorandum of Agreement" with a member of the Telecom group.
- Any customer meeting the first criterion (regardless of monthly expenditure on National and International Calls) is eligible to join Brilliant Deductions.
- Customers can join the Brilliant Deductions Plan at any time.
- Brilliant Deductions applies to each single business telephone account. Charges from a number of business telephone accounts belonging to the same company can be aggregated for the purposes of achieving higher monthly call expenditures, and thereby greater savings, when all the telephone numbers are within the same Telecom ROC service area.
- Savings are credited to the customer's monthly account for the billing number(s) which is(are) enrolled on the call savings plan and presented in a summary on the statement.
- Savings are applied to the monthly amount expended on National and International Calls in each applicable expenditure range. Total savings are calculated by determining the sum of the savings applied in each band.
- The Brilliant Deductions Plan has no expiry date.

#### **National Call Savings**

Monthly Expenditure Band (GST exclusive)	Incremental Saving Per Expenditure Band
• Up to \$50.00 per month.....	0%
• \$50.01 - \$500.00 per month .....	4%
• \$500.01 to \$2,000.00 per month .....	8%
• \$2,000.01 to \$5,000.00 per month .....	12%
• \$5,000.01 and above .....	14%

#### **International Call Savings**

Monthly Expenditure band (GST exclusive)	Incremental Saving Per Expenditure Band
• Up to \$500.00 per month .....	0%
• \$500.01 to \$2,000.00 per month .....	2%
• \$2,000.01 to \$5,000.00 per month .....	4%
• \$5,000.01 and above .....	6%

**Note:**

Total savings are calculated in the same way as for National Calls.

#### **Call Types**

Savings apply to the following National and International Calls:

Direct Dial Calls  
Calls to NZ Islands  
NZ Direct  
Calls to Scott Base Telephone Service  
Calls during Telecom price specials

**Note:**

Telecom Local calls and calls from the Scott Base Telephone Service network are excluded.

### **5.2.2 Brilliant Deductions 450, 1250, 5000**

#### **Brilliant Deductions 450i, 1250i, 5000i**

This range of Call Savings Plans are designed for business customers who are able to commit to a block of calling value which represents their monthly National and International Call usage. The Call Savings Plan names refer to the GST inclusive value of a customer's National or International Calls. These customers agree to a minimum monthly payment. In return they will receive competitive savings on a wide range of National and International Calls. The following conditions are associated with these plans:

- Customers must take service pursuant only to the Standard Terms & Conditions for Telecom Network Service to Non-Residential customers. Any of these plans shall not apply to a customer who receives service on terms and conditions which vary from the standard. For the avoidance of doubt, these plans shall not apply to any customer

who receives any other rebate, discount or price consideration in respect of all services provided to that customer by the Telecom group including a National Account customer or Major Account customer who has entered into a contract known as a "Memorandum of Agreement" with a member of the Telecom group.

- National Calls and International Calls are separate call types. At any one time, a customer can only have one Call Savings Plan for National Calls and one Call Savings Plan for International Calls.
- Customers can join any one of these plans at any time.
- Once enrolled on one of these plans, Telecom will debit the appropriate business telephone account each month with the purchase price of the block of calls the customer has selected. This represents the minimum amount payable on National or International Calls by that customer for the billing number with the Call Savings Plan each month.
- A customer cannot carry forward, from one month to the next, unused portions of their purchased block of calls.
- The minimum monthly payment is charged monthly to the nominated business phone account. All calls charged over and above the purchased block of calls earn additional savings at the rate applicable to each particular plan.
- Enrolment in any of these plans will come into effect on the bill after a customer's enrolment application has been processed. If the customer's next bill is due to be mailed within the three days immediately following enrolment, the call savings plan may not apply until the following bill.
- These plans apply to each single business telephone account. Charges from a number of business telephone accounts belonging to the same customer can be aggregated for the purposes of achieving higher monthly call expenditures, and thereby greater savings, when all the telephone numbers are within the same Telecom ROC service area.
- Savings are credited to the customer's monthly account for the billing number(s) which is(are) enrolled on the call savings plan and presented in a summary on the statement.
- Savings from these plans continue until the Call Savings Plan the customer is enrolled on terminates, the customer chooses to enrol in another plan, or the customer withdraws from the plan.
- Suspension of a plan from a customer's telephone account is available for one or more complete billing periods where a customer knows in advance that the volume of calls they will make in a given month will fall below their minimum monthly payment. Any one of these plans can be suspended with 3 working days notice. No savings are applied to the customer's calls until they advise they wish to return to a plan.
- Any one of these plans can be cancelled with 3 working days notice.
- These plans have no expiry date at present.

#### **National Call Savings**

Plan	Value of Calls customer purchases each month (GST exclusive)	Minimum Amount customer pays each month (GST exclusive)	Immediate Savings (GST exclusive)	Savings on additional calls each month
Brilliant Deductions 450	\$400.00	\$373.33	\$26.67	7%
Brilliant Deductions 1250	\$1111.11	\$1000.00	\$111.11	11%
Brilliant Deductions 5000	\$4444.44	\$3911.11	\$533.33	14%

#### **International Call Savings**

Plan	Value of Calls customer purchases each month (GST exclusive)	Minimum Amount customer pays each month (GST exclusive)	Immediate Savings (GST exclusive)	Savings on additional calls each month
Brilliant Deductions 450i	\$400.00	\$382.22	\$17.78	5%
Brilliant Deductions 1250i	\$1111.11	\$1040.00	\$71.11	7%
Brilliant Deductions 5000i	\$4444.44	\$4088.89	\$355.55	9%

**Note:**

Total savings are calculated in the same way as for National Calls.

**Call Types**

Savings apply to the following National and International Calls:

Direct Dial Calls  
 Calls to NZ Islands  
 NZ Direct  
 Calls to Scott Base Telephone Service  
 Calls during Telecom price specials

**Note:**

Telecom Local calls and calls from the Scott Base Telephone Service network are excluded.

**5.2.3 Telecom Connect**

The Telecom Connect Call Savings Plans are designed to deliver a fixed savings rate on National and International Calls for nationally distributed business customers. The plans offer fixed discounts on National and International Call charges and an additional credit for achieving a committed expenditure level. The Telecom Connect Call Savings Plan is available nationally to all locations of an eligible business customer. The following conditions apply to the Telecom Connect plans:

- Customers must be Account Managed by a Telecom Account Manager.
- Customers must not be receiving any other price considerations or discounts on National and/or International Calls at the same time.
- Customers must take service pursuant only to the Standard Terms & Conditions for Telecom Network Service to Non-Residential customers.
- Cluster customers who wish to aggregate their nominated accounts for the purposes of a Telecom Connect Plan must be an officially recognised association or equivalent and collectively meet all the criteria.
- Customers must have a history of spending at least \$100,000 per year on National and International Calls to qualify for 14% savings on National Calls and 6% savings on International Calls.
- Customers must have a history of spending at least \$50,000 per year on National and International Calls to qualify for 12% savings on National Calls and 5% savings on International Calls.
- Savings are applied on a monthly basis to every account included in the plan.
- Savings apply to the following National and International Calls: Direct Dial Calls, Telecom Calling Card, NZ Direct, calls from the Telecom Network to telephones connected to the Telecom Cellular Network, calls to pagers, calls to the Scott Base Telephone Service, Telecom Smartfax, International 0800, and calls during Telecom price specials, Collect Calls, Conference Calls, Person-to-person Calls, Operator Connected Calls, Transfer Charge Calls, Urgent Calls and Price Required Calls, also calls to NZ Islands and calls to vessels in New Zealand waters.
- Call savings will not apply to Local Calls, Directory Assistance, Telecom National 0800, calls from telephones connected to the Telecom Cellular Network, Telecom Paging Calls, calls from the Scott Base Telephone Service and the Telecom Mobile Radio Network, Telecom 0900 calls.
- Customers commit to an expenditure target on selected Telecom services for the next twelve months. This expenditure target is independent of the flat rate discounts given to the customer (see above). At the end of the twelve month period, the customer will receive a credit of 2%, known as the "Connect Bonus", of the expenditure target if they have met or exceeded the expenditure target.
- The expenditure target is negotiated between Telecom and the customer at the time of signing up for the Telecom Connect Call Savings Plan.
- The services included in the expenditure target are, for example, line rentals, and enhanced PSTN services such as Smartphone services, all National and International Call types listed on the previous page, CPE and National Leased Circuit Services. All services billed on the Telecom customer's main monthly statements can be included for the purpose of calculating the expenditure target.
- The customer's call savings plan will run for 12 months (from the date of being loaded onto the billing system) after which time the plan will be renewed or replaced.

**Call Savings**

Customers with a record of spending over \$100,000 on National and International Calls during the previous 12 month period will receive the following call savings:

National Calls .....	14%
International Calls.....	6%

Customers with a record of spending over \$50,000 on National and International Calls during the previous 12 month period will receive the following call savings:

National Calls.....	12%
International Calls.....	5%

Customers qualify for the Connect Bonus of 2% of their target expenditure at the end of the 12 month period, if the pre-determined expenditure target is reached.

### **Call Types**

Savings apply to the following National and International Calls:

Direct Dial Calls  
 Calls to NZ Islands  
 NZ Direct  
 Calls to Scott Base Telephone Service  
 Calls during Telecom price specials

*Note:*

Telecom Local calls and calls from the Scott Base Telephone Service network are excluded.

### **Customised Connect Plan Packages**

In addition to the above discounts customers were allowed a discount of up to 2% on National Calls, up to 6% on International Calls and a bonus discount of up to 4% on all annual billed revenue (provided predetermined target expenditure is met). These discounts were allowed in order to recognise the substantial commercial relationship with each customer; to increase national and international call volumes; and to address market requirements.

## **5.2.4 Residential Call Savings Plans**

### **Friends & Family**

Friends & Family Call Savings Plans are available to residential customers. Customers who choose a Friends & Family plan agree to a minimum monthly payment and in return receive savings on Direct Dial National or International Calls between 6 p.m. and 8 a.m. Monday to Friday, all day Saturday and Sunday and all day on National Statutory holidays. Customers can select a Friends & Family National Call Savings Plan or a Friends & Family International Call Savings Plan, or both. The following conditions are associated with Friends & Family:

- Customers must take service pursuant only to the Standard Terms & Conditions for Telecom Network Service to Residential customers. Friends & Family plans shall not apply to a customer who receives service on terms and conditions which vary from those standard terms.
- Friends & Family Call Savings plans apply to individual telephone accounts, which may not be aggregated for the purposes of these savings plans.
- Enrolment in any Friends & Family Call Savings Plan will come into effect on the bill after a customer's enrolment application has been processed. If the customer's next bill is due to be mailed within the three days immediately after enrolment, the call savings plan may not apply until the following bill.
- Once enrolled on a Friends & Family Call Savings Plan, Telecom will debit the customer's appropriate residential telephone account each month with the purchase price of the block of calls. This purchase price represents the minimum amount payable each month on National or International Calls by that customer for the billing number with the Call Savings Plan and does not include any additional charges incurred.
- Savings are credited to a customer's monthly account for the billing number which is enrolled on the Friends & Family Call Savings Plan and presented in a summary on the statement.
- A customer cannot carry forward, from one month to the next, unused portions of their purchased block of calls.
- Savings from these plans continue until
  - (1) the Friends & Family Call Savings Plan the customer is enrolled on terminates, or
  - (2) the customer chooses to enrol in another plan, or
  - (3) the customer withdraws from the plan.
- Customers may request suspension from a plan for one or more complete billing periods where the customer knows in advance that the volume of calls they will make in a given month will fall below their minimum monthly payment. Any Friends & Family Call Savings Plan can be suspended with 3 working days notice. No savings are applied to the customer's calls until they advise they wish to return to a plan.
- Friends & Family Call Savings Plans can be cancelled with 3 working days notice. Customers can cancel by giving written or oral notice to their local Telecom office.

### **Call Savings**

Friends & Family Options	Minimum Amount customer pays each month (GST exclusive)	Value of Block of Calls Purchased by the customer each month (GST exclusive)	Immediate Savings (GST exclusive)	Savings on additional calls each month
National Call Savings Plan	\$17.78	\$20.00	\$2.22	15%
International Call Savings Plan	\$17.78	\$20.00	\$2.22	12.5%

### Call Types

Friends & Family savings only apply to Direct Dial National and/or International Calls between 6 p.m. and 8 a.m. Monday to Friday, all day Saturday and Sunday and all day on National Statutory holidays. Savings also apply to manual National or International calls, from non-STD exchanges.

Savings do not apply to non-Direct Dialed National and International Calls.

### 5.3 Other Discounts

To enhance the transmission efficiency of an A2 leased circuit provided at standard charges to a customer, five data modems were provided at no additional charge. The effective discount allowed on the prescribed service charges was 37.9%.

Customers were allowed discounts of up to 4% on national calls and up to 4% on international calls. These discounts were allowed in order to respond to customer requirements; to increase both national and international call volumes; and to address short term market requirements.

Discounts of 25.4%, and 10.4% were allowed to customers on the provision of Centrex Private Switching and Network services. These discounts were allowed in order to recognize the customers assistance during the transitional trial period for the service. Customers were selected for this trial on the basis of their perceived use and requirement for Centrex Private Switching and Network type services.

A discount of 39.8% was allowed to a customer on the transmission charge (City Step) of a Dedicated Voice PBX Tieline Service. This discount was allowed in order to recognize the assistance of the customer during the transitional trial period for the service. The customer was selected for this trial on the basis of their perceived use of DVS type services.

A customer was allowed an average discount of 15.9% on total national and international call billings.

A customer was allowed an average discount of 17.0% on total national and international call billings.

A customer was allowed an average discount of 18.6% on total national and international call billings.

A customer was allowed an average discount of 13.8% on total national and international call billings.

A customer was allowed an average discount of 16.9% on total national and international call billings.

A customer was allowed an average discount of 11.7% on total national and international call billings.

A customer was allowed an average discount of 12.8% on total national and international call billings.

A customer was allowed an average discount of 11.5% on total national and international call billings.

A customer was allowed an average discount of 20.1% on total national and international call billings.

A customer was allowed an average discount of 11.7% on total national and international call billings.

A customer was allowed an average discount of 14.4% on total national and international call billings.

A customer was allowed an average discount of 12.4% on total national and international call billings.

A customer was allowed an average discount of 12.4% on total national and international call billings.

A customer was allowed an average discount of 17.6% on total national and international call billings.

The level of discount in each case was determined on the basis of customers expenditure on Telecom's national and international calls. These discounts were offered to enhance Telecom's ability to respond to customer requirements; to increase national and international call volumes; and to address short term market requirements.



A customer was allowed a discount of 10.1% on the sum of the following services: DSTN Access and Trunks, Digital Access and Trunks, PSTN Access, Local Calls, National Calls, International DDS, Megalink Access and Transmission.

The principles and guidelines in allowing the discount were as follows:

**1. Range and Volume of Service**

Telecom will provide a high volume of services to the customer.

**2. Term of Contract**

Extended term of contract to be agreed.

**3. Growth and Supply of Forecasts**

The customer agreed to the following:

- a) a minimum committed forecast to be updated regularly;
- b) provision of long term forecasts;
- c) regular review periods where the price of services could be revised on the basis of changes in the cost of providing services and other relevant factors;
- d) a high level of future growth is expected in the scale of operations.

**4. Customer Factor**

Characteristics used in assessing the level of discount include:

- a) credit-worthiness;
- b) commitment from the customer to use Telecom services;
- c) commitment from the customer concerning prompt payment of accounts and procedures for handling billing disputes;

**5. Other Terms**

The customer also agreed to a closer business relationship with Telecom, regular review meetings and a centralised point of contact.

**6. INTERCONNECTION**

Delete Recital A of the Interconnection Agreement on pge 1373 of the Gazette published 29 April 1991 and replace with the following:

**Recital A**

The Service Operator has been declared to be a network operator pursuant to Section 2A(3) of the Telecommunications Act or has been registered as a registered operator under the Telecommunications (International Services) Regulations 1989 and wishes to provide certain telecommunication services to its customers.



