



# New Zealand Gazette

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## TELECOMMUNICATIONS (DISCLOSURE) REGULATIONS 1990

### Prescribed Services

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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 September 1993. 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 Telecom:

Telecom House, 13-27 Manners St., PO Box 570, Wellington

Telecom Tower, 16 Kingston St., Private Bag, Auckland

Hewlett-Packard Building, 186-190 Willis St., PO Box 293, Wellington

Telecom House, 109 Hereford St., PO Box 1473, Christchurch

Detailed information on the 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 Telecom at Auckland, Hamilton, Wellington, and Christchurch.

The information in this publication was prepared by Telecom after making all reasonable enquiry and to the best of the knowledge of Telecom 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 Alteration and Reconfiguration Charges for Inter-Exchange Access

There is a charge for converting 2Mbit/s interconnect links from R2 to No 7 Signalling.

- Conversion charge per 2Mbit/s Link..... \$2500.00

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

### 1.2 Centrex

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 PABX's). It provides advanced PBX-type features direct from the telephone exchange and is monitored 24 hours a day. Centrex allows direct dialling to and from phones across many sites. Centrex 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 (BBG). A Basic Business Group can be comprised of any number of extensions connected to the same local exchange.

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

#### *ISDN Centrex*

It is possible to provision telephone numbers assigned to an ISDN line with the Basic Package of Centrex features and include these numbers in a BBG. With ISDN Centrex, Multiple Subscriber Number (MSN) option allows up to 7 additional numbers to be associated with each ISDN Centrex line.

#### *Wide Area Centrex*

Wide Area Centrex enables a customer to connect geographically diverse sites into a common Centrex business group. The usual rental and usage charges apply to each line associated with a Wide Area Centrex Plan.

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

#### **Connection and Installation Charges**

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

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

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

- Charge for the establishment of a new BBG..... \$55.00
- Charge for conversion of an existing PSTN line to Centrex, and provisioning of the basic feature package..... \$35.00
- Charge for the connection of a new MSN to an ISDN Centrex Basic Rate Access (BRA)..... \$35.00
- Charge for the conversion of an existing ISDN BRA to ISDN Centrex BRA and vice versa(lead number only)..... \$35.00

- Charge for the connection of a new Centrex extension and provisioning of the basic feature package..... \$70.00
- Charge per BBG for the establishment of a Customized Numbering Plan for Wide Area Centrex..... \$110.00

### 1.3 ISDN Centrex

#### *ISDN Centrex BRA Rental*

The monthly access charge includes access to the two 64 kbit/s "B" channels, the ISDN Centrex lead numbers BBG Membership and rental of the basic Package of Centrex features.

- Monthly charge per customer extension for ISDN Centrex BRA.....\$173.25

## 2. TELEPHONE - CALL PRICES

### 2.1 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.
- Calls with a recorded duration of less than 2 seconds are not charged for.
- Calls are not charged for unless answered. An "answered" call includes connection to a facsimile machine, answerphone, or other device which returns a "call answered" signal.

### 2.2 Telecom National Call (Toll) Charges

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. The following charges apply:

#### *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 Dialed are charged at the per minute rate for each minute or part of a minute.

RATES FOR NATIONAL CALLS (except City to City Routes)								
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. Sat, Sun and national statutory holidays 8 a.m. - 10 p.m.		Night Every Day 10 p.m. - 8 a.m.	
	First Minute	Additional Seconds	First Minute	Additional Seconds	First Minute	Additional Seconds	First Minute	Additional Seconds
A	5.82c	0.10c	4.85c	0.09c	3.88c	0.07 c	1.94c	0.04 c
B	11.64c	0.20c	9.70c	0.17c	7.76c	0.13c	3.88c	0.07 c
C	19.40c	0.33c	15.52c	0.26c	11.64c	0.20 c	5.82c	0.10 c
D	30.07c	0.51 c	24.25c	0.41c	18.43c	0.32c	8.73c	0.15 c
E/F	46.56c	0.78c	36.86c	0.62c	27.16c	0.46c	13.58c	0.23 c
G	62.08c	1.04c	47.53c	0.80c	35.89c	0.60c	17.46c	0.30 c
H	73.72c	1.23c	57.23c	0.96c	42.68c	0.72 c	21.34c	0.36 c
I	91.18c	1.52c	70.81c	1.19c	52.38c	0.89c	26.19c	0.44 c

#### *Notes:*

- The per second prices have been rounded up to the nearest 0.01 cents for convenience, so the prices actually charged may be slightly less than those shown.
- The price charged for any call is rounded up to the next whole cent.
- Calls to the Telecom Cellular Network (TCN) are charged at 63 cents for the first minute, and at 1.05 cents per second thereafter.
- Calls to the Bell South Cellular network are charged at 63 cents per minute or part of a minute.
- All calls to the Telecom Paging Network are charged at 10 cents per call at all times.
- Local Call rates apply to calls between telephone offices on Great Barrier Island.
- All times are New Zealand local time.

**RATES FOR ( CITY TO CITY ) ROUTE NATIONAL CALLS**

CITY TO CITY ROUTE	Morning Monday - Friday 8 a.m. - Noon		Afternoon Monday - Friday Noon - 6 p.m.		Economy Monday - Friday 6 p.m. - 10 p.m. Sat, Sun and National Statutory Holidays 8 a.m. - 10 p.m.		Night Every Day 10 p.m. - 8 a.m.	
	First Minute	Add'l Secs.	First Minute	Add'l Secs.	First Minute	Add'l Secs.	First Minute	Add'l Secs.
C1	19.01c	0.32c	15.21c	0.26c	11.41c	0.20c	5.7c	0.1c
C2	26.67c	0.45c	22.4c	0.38 c	17.16c	0.29c	7.76c	0.13c
C3	45.62c	0.77c	36.12c	0.61c	26.61c	0.45 c	13.3c	0.23c
C4	60.83c	1.02c	46.57c	0.78c	35.17c	0.59 c	17.11c	0.29c
C5	66.34c	1.11c	52.57c	0.88 c	39.57c	0.66c	19.78c	0.33c
C6	72.24c	1.21c	56.08c	0.94c	41.82c	0.70c	20.91c	0.35c
C7	89.35c	1.49c	69.39c	1.16c	51.33c	0.86c	25.66c	0.43c

**Notes:**

- The per second prices have been rounded up to the nearest 0.01 cents for convenience, so the prices actually charged may be slightly less than those shown.
- The price charged for any call is rounded up to the next whole cent.
- All calls to the Telecom Cellular Network (TCN) are charged at 63 cents for the first minute, and at 1.05 cents per second thereafter.
- Calls to the Bell South Cellular network are charged at 63 cents per minute or part of a minute.
- All calls to the Telecom Paging Network are charged at 10 cents per call at all times.
- Local Call rates apply to calls between telephone offices on Great Barrier Island.
- All times are New Zealand local time.

### 2.3 National Call Charging Steps

The applicable charging steps for national calls between different exchanges within New Zealand are set by Telecom. City to City routes are shown on the following table.





### 3 SPECIAL SERVICES

#### 3.1 Integrated Access

Telecom's Integrated Access provides for the bulk delivery of managed network services to the customer's premises through the use of 2Mbit/s links and a flexible multiplexor in the customer's premises. Integrated Access is an alternative network access option available for standard network services.

The range of standard Telecom network services for which an Integrated Access option is available is gradually being extended.

##### Monthly Access Charges

- Monthly Integrated Access charge..... \$2400.00

*Note:*

This charge applies per integrated Access, not per disaggregated circuits

- Monthly charge per second and subsequent 2 Mbit/s access to same Flexible multiplexor..... As for second and subsequent Megalink Access
- Monthly charge per Wideband DDS Circuit access to the multiplexor..... \$300.00
- Monthly charge per DDS 128 kbit/s circuit access to the multiplexor..... \$300.00
- Monthly charge per DDS 64 kbit/s circuit access to the multiplexor..... \$300.00

## 4. NATIONAL LEASED CIRCUIT SERVICES

### 4.1 Digital Voice Access

#### Installation Charges

The installation charge for Digital Voice Access is independent of the number of 64 kbit/s channels involved in the link to the customer. The installation charge for a Dedicated Voice access circuit 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 service, but will be no less than the standard 2 Mbit/s installation charges.

- Installation or new connection charge per end of link for first 2Mbit/s access on a customer site..... \$4000.00
- Installation or new connection charge per end of link for subsequent 2Mbit/s installations on a customer site..... \$2800.00

*Note :*

Where three or more 2 Mbit/s circuits are installed at the same time into the same site, then the actual charge for the installation will be based on actual cost of labour and miscellaneous charges, however the total cost will be no less than the cost of installing two circuits: (i.e. minimum charge of \$6,800 for the first time installation, \$5,600 for subsequent installations).

- 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.

### 4.2 Megalink Service

Megalink is an unmanaged digital transmission service offering a 2 Mbit/s circuit. This is equivalent to thirty-two 64 kbit/s channels.

#### Monthly Access Charges

The monthly access charge is not based on the length of the access circuit.

- Monthly charge for the Megalink service delivery point at a customer's premises (This is a fixed charge regardless of the quantity and number of links ending at the service delivery point) \$600.00
- Monthly charge per Megalink access..... \$500.00

#### Monthly Transmission Charges

The City Step transmission charge is applicable when a circuit links two customer sites within the same local calling area.

Where both ends of a Megalink circuit terminate off the same exchange, there are no transmission charges. For this purpose, Airedale Street and Mayoral Drive exchanges in Auckland, Wellington and Courtenay Place exchanges in Wellington, and Riccarton and Christchurch exchanges in Christchurch are treated as one exchange.

*Megalink: Monthly Transmission Charges*

City Step	Step A	Step B	Step C	Step D	Step E
\$1500.00	\$6510.00	\$14,640.00	\$27,360.00	\$43,680.00	\$54,240.00

**5 INTERNATIONAL LEASED-CIRCUIT SERVICES****5.1 Tastream****Alteration and Reconfiguration Charges**

All upgrade, alteration and reconfiguration charges, such as data rate changes, will be charged actual costs (including labour, materials, overhead and travelling time). If a customer wishes to upgrade the data rate of Tastream, or wishes to transfer from Telecom Skystream service to Tastream at the same or higher rate the upgrade and transfer fees will be waived where the customer enters into a one year or longer-term contract.

**5.2 Antarctic SKYSTREAM Service (Digital Data Circuits by Satellite)**

The Antarctic SKYSTREAM Service is a digital satellite service available from Scott Base to New Zealand and other Pacific destinations and is provided under Telecom's standard provisioning arrangements of the "Telecom Contract for Telecom Antarctic SKYSTREAM Service."

Telecom's Antarctic SKYSTREAM Service provides a half-circuit designed for full duplex operation.

*Note:*

With respect to Antarctic SKYSTREAM Service only, a half-circuit means a leased circuit which is established between the customer's service delivery point or points at Scott Base and a point of electrical interface with transmission facilities under the jurisdiction of an overseas telecommunications organisation or a point of electrical interface with Telecom's standard SKYSTREAM Service.

For an end-to-end service between Ross Island and New Zealand, the Standard Telecom Skystream Service charges are added to these prices.

For circuits from Ross Island to the rest of the world, these charges only cover the Antarctic portion of the circuit and do not include any charges payable to overseas Telecommunications Administrations for those portions of the circuit under their jurisdiction.

**Installation Charges**

• Charge for installation of a 2.4 kbit/s circuit.....	\$600.00
• Charge for installation of a 4.8 kbit/s circuit.....	\$600.00
• Charge for installation of a 9.6 kbit/s circuit.....	\$600.00
• Charge for installation of a 19.2 kbit/s circuit.....	\$600.00
• Charge for installation of a 48 kbit/s circuit.....	\$600.00
• Charge for installation of a 64 kbit/s circuit.....	\$2000.00
• Charge for installation of a 128 kbit/s circuit.....	\$2000.00
• Charge for installation of a 192 kbit/s circuit.....	\$5000.00
• Charge for installation of a 256 kbit/s circuit.....	\$5000.00
• Charge for installation of a 384 kbit/s circuit.....	\$5000.00
• Charge for installation of a 512 kbit/s circuit.....	\$5000.00
• Charge for installation of a 768 kbit/s circuit.....	\$5000.00

All upgrade, alteration and reconfiguration charges, such as speed changes, will be charged actual costs (including labour, materials, overhead and travelling time).

Prices for other data rates will be provided on application. Customers should enquire at their local Telecom office, or from their Telecom Account Manager for the applicable rates.

*Note:*

The installation charge will be waived where the customer enters into a one year or longer-term contract.

### 5.3 International Digital Voice Service

International Digital Voice Service is a toll quality service available to Australia. It provides a half-circuit which meets CCITT recommendation M.1040. As a voice service it is unsuitable for data transmission and Telecom is unable to give any undertaking to support the transmission of data on this service.

**Note:**

A half-circuit means a leased circuit which is established between the customer's Service Delivery Point or Points within New Zealand and a point of electrical interface with transmission facilities under the jurisdiction of an overseas telecommunications organisation.

#### Installation Charges

- Charge for new connection or installation per circuit..... \$1600.00

**Note:**

The installation charge will be waived where the customer enters into a one year or longer-term contract.

#### Monthly Lease Charges

- Charge per month for service based on one month minimum contract period..... \$3910.00

#### *Charges for International Digital Voice Service for Longer Term Contracts.*

Price concessions are available for longer-term contracts. Customers should enquire at their local Telecom office, or with their Telecom National Account Manager for the applicable rates.

#### Additional Charges

There are six International Service Access Points which are located within the Auckland, Hamilton, Palmerston North, Wellington, Christchurch and Dunedin Public Switched Telephone Network (PSTN) local calling areas. Provided the customer's Service Delivery Point lies within any one of the above-mentioned local calling areas, the monthly lease charge listed here includes the price of a local access circuit (either 2-wire or 4-wire) from the customer's Service Delivery Point to the nearest International Service Access Point. Customers who require more than one local access circuit or who require service to be delivered to points outside of the six local calling areas will be charged standard Voice-Circuit access and transmission charges for these circuits, (see section 5.3).

### 5.4 Lightstream Enhanced (Digital Data Fibre-Optic Cable Circuits to Australia)

Lightstream Enhanced, supplied jointly by Telstra Australia and Telecom, is a digital fibre-optic cable service to Australia which is provided under Telecom's terms and conditions for Lightstream Enhanced and as additionally specified in the Service Level Guarantee (SLG) for Lightstream Enhanced. Lightstream Enhanced is designed for full-duplex operation and may be leased either as an end-to-end circuit between New Zealand and Australia or as a half circuit only. "End-to end" includes all facilities and transmission elements from the Service Delivery Point at one end of the circuit to the Service Delivery Point at the other end. A half-circuit means a leased circuit which is established between the customer's Service Delivery Point or Points within New Zealand and a point of interface with transmission facilities under Telstra's jurisdiction.

There are six International Service Access Points in New Zealand which are located within the Auckland, Hamilton, Palmerston North, Wellington, Christchurch and Dunedin "City Step" tariff zones for Telecom's Digital Data Service (DDS) (see section 5.12.3). The International Service Access Points in Australia are located within the following tariff zones for Telstra's Digital Data Network (DDN) service : the "Primary Area" tariff zone of any Capital City or the "Secondary Area" tariff zone of Canberra. Provided the customer's Service Delivery Point lies within the above-mentioned tariff zones, the charges listed here include the price of a single local access circuit from the customer's Service Delivery Point to the nearest International Service Access Point. Customers who require service to be delivered to points outside of

the above "City Step" or "Primary/Secondary Area" tariff zones will be charged the standard additional transmission charges.

*Note:*

- Customers should refer to their Telecom Account Manager for applicable Australian DDN charges.

### Installation Charges

The following are end-to-end prices for Lightstream Enhanced delivered to the Service Delivery Point within the "City Step" or "Primary/Secondary Area" tariff zones as set out above, and cover both the Telstra Australia and Telecom charges for providing Lightstream Service.

The installation fee is a once-only charge payable when the service is ordered and is not refundable, except where a refund under the SLG applies. Equipment charges for the local access circuit may be additional.

- Charge for installation of a 48 kbit/s circuit..... \$3950.00
- Charge for installation of a 64 kbit/s circuit..... \$5350.00
- Charge for installation of a 128 kbit/s circuit..... \$6000.00
- Charge for installation of a 192 kbit/s circuit..... \$9400.00
- Charge for installation of a 256 kbit/s circuit..... \$9650.00
- Charge for installation of a 384 kbit/s circuit..... \$10,350.00
- Charge for installation of a 512 kbit/s circuit..... \$11,000.00
- Prices for circuits at data rates above 512 kbit/s are available on application to the customer's Telecom Account Manager.

*Notes:*

- GST is payable on the whole amount if the service is billed in New Zealand.
- The installation fee will be waived where the customer enters into a one-year or longer-term contract.

### Monthly Rental Charges

Charges for Lightstream Enhanced are payable monthly. The service is available either for specified minimum contract periods, or on a cheaper longer-term contract basis.

#### ***End-to end charges for Lightstream Enhanced based on the minimum contract period:***

The following are end-to-end prices for Lightstream Enhanced delivered to the Service Delivery Point within the "City Step" or "Primary/Secondary Area" tariff zones as set out above, and cover both the Telstra Australia and Telecom charges for providing Lightstream Enhanced.

	Minimum Contract Period	Price/Month
• Charge for 48 kbit/s service.....	3 months	\$20,200.00
• Charge for 64 kbit/s service.....	3 months	\$20,200.00
• Charge for 128 kbit/s service .....	3 months	\$34,100.00
• Charge for 192 kbits service.....	6 months	\$46,700.00
• Charge for 256 kbit/s service .....	6 months	\$58,700.00
• Charge for 384 kbit/s service.....	6 months	\$79,400.00
• Charge for 512 kbit/s service.....	6 months	\$97,100.00

#### ***Half-circuit charges for Lightstream Enhanced based on the minimum contract period:***

The following are half-circuit prices for Lightstream Enhanced delivered to New Zealand Service Delivery Point within the "City Step" tariff zone as set out above with the circuit leased to the point of interface with Telstra's transmission facilities only.

	Minimum Contract Period	Price/Month
• Charge for 48 kbit/s service.....	3 months	\$9,800.00
• Charge for 64 kbit/s service.....	3 months	\$9,800.00
• Charge for 128 kbit/s service .....	3 months	\$16,600.00
• Charge for 192 kbit/s service.....	6 months	\$23,400.00
• Charge for 256 kbit/s service .....	6 months	\$30,000.00
• Charge for 384 kbit/s service.....	6 months	\$40,300.00
• Charge for 512 kbit/s service.....	6 months	\$49,300.00
• Prices for circuits at data rates above 512 kbit/s are available on application to the customer's Telecom Account Manager.		

**Note:**

- GST is payable on the whole amount if the service is billed in New Zealand.

***Charges for Lightstream Enhanced leased for longer-term contracts.***

Price concessions are available for longer-term contracts, of between one and five years. Customers should request the applicable rates from their Telecom Account Manager .

**Alteration and Reconfiguration Charges**

All upgrade, alteration and reconfiguration charges, such as data rate changes, will be charged actual costs (including labour, materials, overhead and travelling time)

If a customer wishes to upgrade the data rate of Lightstream Enhanced, or wishes to transfer from Telecom Skystream service or Telecom Tastream service to Lightstream Enhanced at the same or higher data rate, the upgrade and transfer fees will be waived where the customer enters into a one year or longer-term contract.

**5.5 Lightstream (Digital Data Fibre-Optic Cable Circuits to Australia, Canada, Japan, Singapore, U.K. and the U.S.A.)**

Lightstream is a digital fibre-optic cable service to various overseas destinations which is provided under Telecom's standard provisioning arrangements of the "Telecom Contract for Lightstream.

Telecom's Lightstream provides a half-circuit designed for full duplex operation.

There are 6 International Service Access Points which are located within the Auckland, Hamilton, Palmerston North, Wellington, Christchurch and Dunedin "City Step" tariff zones for Telecom's Digital Data Service (DDS). Provided the customer's Service Delivery Point lies within any one of the above tariff zones, the charges listed here include the price of a single local access circuit from the customer's Service Delivery Point to the nearest International Service Access Point. Customers who require more than one local access circuit or who require service to points outside of the six "City Step" tariff zones will be charged standard DDS charges for the additional access circuits and extensions. (See section 5.12.2 and 5.12.3)

**Note :**

A half-circuit means a leased circuit which is established between the customer's service delivery point or points within New Zealand and a point of interface with transmission facilities under the jurisdiction of an overseas telecommunications organisation.

**Installation Charges**

• Charge for installation of a 2.4 kbit/s circuit.....	\$600.00
• Charge for installation of a 4.8 kbit/s circuit.....	\$600.00
• Charge for installation of a 9.6 kbit/s circuit.....	\$600.00
• Charge for installation of a 19.2 kbit/s circuit.....	\$600.00
• Charge for installation of a 48 kbit/s circuit.....	\$600.00
• Charge for installation of a 64kbit/s circuit.....	\$2000.00
• Charge for installation of a 128 kbit/s circuit.....	\$2000.00
• Charge for installation of a 192 kbit/s circuit.....	\$5000.00
• Charge for installation of a 256 kbits circuit.....	\$5000.00
• Charge for installation of a 384 kbit/s circuit.....	\$5000.00
• Charge for installation of a 512 kbit/s circuit.....	\$5000.00

**Notes:**

- The installation fee will be waived where the customer enters into a one year or longer-term contract.
- In some cases it may be possible to provide service at 56kbit/s in which case a provisioning surcharge of \$4,200 applies. Extension of 56 kbt/s service beyond the "City Step" tariff zones may not be available. A monthly surcharge may also be payable for any such circuit extension.

**Monthly Lease Charges**

Charges for standard Lightstream are payable monthly. The service is available either for specified minimum contract periods, or on a cheaper longer-term contract basis.

**Charges for Lightstream based on the minimum contract period:***To Australia (via Optus and Telstra)*

	Minimum Contract Period	Price/Month
• Charge for 2.4 kbit/s service.....	1 month	\$2,400.00
• Charge for 4.8 kbit/s service .....	1 month	\$3,000.00
• Charge for 9.6 kbits service .....	1 month	\$3,700.00
• Charge for 19.2 kbit/s service .....	3 months	\$5,100.00
• Charge for 48 kbit/s service.....	3 months	\$9,800.00
• Charge for 64 kbit/s service.....	3 months	\$9,800.00
• Charge for 128 kbit/s service.....	6 months	\$16,600.00
• Charge for 192 kbit/s service.....	6 months	\$23,400.00
• Charge for 256 kbit/s service.....	6 months	\$30,000.00
• Charge for 384 kbit/s service.....	6 months	\$40,300.00
• Charge for 512 kbit/s service.....	6 months	\$49,300.00

*To Canada (via Teleglobe)*

	Minimum Contract Period	Price/Month
• Charge for 2.4 kbit/s service.....	1 month	\$3,100.00
• Charge for 4.8 kbit/s service .....	1 month	\$3,700.00
• Charge for 9.6 kbits service .....	1 month	\$4,200.00
• Charge for 19.2 kbit/s service .....	3 months	\$5,700.00
• Charge for 56 kbit/s service.....	3 months	\$11,100.00
• Charge for 64 kbit/s service.....	3 months	\$11,100.00
• Charge for 128 kbit/s service.....	6 months	\$18,200.00
• Charge for 192 kbit/s service.....	6 months	\$25,000.00
• Charge for 256 kbit/s service.....	6 months	\$31,300.00
• Charge for 384 kbit/s service.....	6 months	\$42,300.00
• Charge for 512 kbit/s service.....	6 months	\$51,500.00

*To Japan (via ITJ and KDD)*

	Minimum Contract Period	Price/Month
• Charge for 2.4 kbit/s service.....	1 month	\$3,200.00
• Charge for 4.8 kbit/s service .....	1 month	\$3,800.00
• Charge for 9.6 kbits service .....	1 month	\$4,300.00
• Charge for 64 kbit/s service.....	3 months	\$11,400.00
• Charge for 128 kbit/s service.....	6 months	\$18,700.00
• Charge for 192 kbit/s service.....	6 months	\$25,700.00
• Charge for 256 kbit/s service.....	6 months	\$32,100.00
• Charge for 384 kbit/s service.....	6 months	\$43,400.00
• Charge for 512 kbit/s service.....	6 months	\$52,900.00

*To Singapore (via Singapore Telecom)*

	Minimum Contract Period	Price/Month
• Charge for 4.8 kbit/s service .....	1 month	\$4,100.00
• Charge for 9.6 kbits service .....	1 month	\$4,700.00
• Charge for 19.2 kbit/s service .....	3 months	\$6,400.00
• Charge for 64 kbit/s service.....	3 months	\$12,400.00
• Charge for 128 kbit/s service.....	6 months	\$20,300.00
• Charge for 192 kbit/s service.....	6 months	\$27,900.00
• Charge for 256 kbit/s service.....	6 months	\$35,000.00
• Charge for 384 kbit/s service.....	6 months	\$47,200.00
• Charge for 512 kbit/s service.....	6 months	\$57,500.00

*To UK excluding Ireland (via BT and Mercury Communications)*

	Minimum Contract Period	Price/Month
• Charge for 2.4 kbit/s service (only available via Mercury Communications).....	1 month	\$3,300.00
• Charge for 4.8 kbit/s service (only available via Mercury Communications).....	1 month	\$3,900.00
• Charge for 9.6 kbit/s service (only available via Mercury Communications).....	1 month	\$4,400.00
• Charge for 19.2 kbit/s service .....	3 months	\$6,000.00
• Charge for 64 kbit/s service.....	3 months	\$11,600.00
• Charge for 128 kbit/s service.....	6 months	\$19,000.00
• Charge for 192 kbit/s service.....	6 months	\$26,100.00
• Charge for 256 kbit/s service.....	6 months	\$32,700.00
• Charge for 384 kbit/s service.....	6 months	\$44,200.00
• Charge for 512 kbit/s service.....	6 months	\$53,800.00



*To USA (via AT & T, MCI and SPRINT)*

	Minimum Contract Period	Price/Month
• Charge for 9.6 kbit/s service (only available via MCI).....	1 month	\$4,100.00
• Charge for 19.2 kbit/s service (only available via MCI).....	1 month	\$5,600.00
• Charge for 56 kbit/s service.....	3 months	\$10,800.00
• Charge for 64 kbit/s service.....	3 months	\$10,800.00
• Charge for 128 kbit/s service.....	6 months	\$17,700.00
• Charge for 192 kbit/s service.....	6 months	\$24,300.00
• Charge for 256 kbit/s service.....	6 months	\$30,500.00
• Charge for 384 kbit/s service.....	6 months	\$41,100.00
• Charge for 512 kbit/s service.....	6 months	\$50,100.00

*Other Countries*

Service to other countries (particularly in West Europe) may also be available, please enquire from your Telecom Account Manager.

***Charges for Lightstream leased for Longer-term contracts***

Price concessions are available for longer term contracts of between one and five years. Customers should enquire at their local Telecom office, or from their Telecom Account Manager for the applicable rates.

## 6. DISCOUNTS

### 6.1 Brilliant Deductions Crown Health Enterprise Plan

#### *Description*

The Brilliant Deductions CHE Plan is a call savings plan designed for Crown Health Enterprise customers.

#### *Terms and Conditions*

- The terms and conditions for the Brilliant Deductions CHE Plan are the same as for the Brilliant Deductions Plan, with the following additional conditions:
- Each CHE must be account managed by a Telecom Account Manager.

#### *Call Savings*

Combined Total Monthly Toll Expenditure (Excl GST)	National Call Savings	Australian Call Savings	UK, USA Call Savings	Rest of World Call Savings
Less than \$30,000.00	see Brilliant Deductions	see Brilliant Deductions	see Brilliant Deductions	see Brilliant Deductions
\$30,000.01 - \$45,000.00	16%	14%	10%	8%
\$45,000.01 +	18%	15%	11%	9%

#### *Note:*

- The total toll spend of all regional CHE members is monitored quarterly and the monthly spend is taken as an average of the three months.
- Appropriate savings rate applies to all expenditure once the associated threshold has been reached.

### 6.2 Brilliant Deduction Chamber Plan

#### *Description*

The Brilliant Deductions Chamber Plan is a call savings plan designed for businesses who are Chamber of Commerce members. The plan is also available to Crown Health Enterprise customers.

#### *Terms and Conditions*

- The terms and conditions for the Brilliant Deductions Chamber Plan are the same as for the Brilliant Deductions Plan, with the following additional conditions:
- Each Chamber of Commerce or CHE must be account managed by a Telecom Account Manager.
- Chamber members can enrol telephone connections from outside the chamber region (for example, branch offices), provided those connections are not also enrolled in their local regional Brilliant Deductions Chamber Plan.

#### *Call Savings*

- With the "Most" option, customers receive an additional 2% saving on top of International Call savings rates on calls to either the United Kingdom, United States, Japan or Canada, if one of these is selected as the "Most" called country.

Combined Total Monthly Toll Expenditure (Excl GST)	National Call Savings	Australian Call Savings	Canada, UK, USA, Japan ("Most")	Rest of World Savings
\$0+	18%	15%	11%	9%

*Note:*

- The total toll spend of all regional Chamber Plan members is monitored quarterly and the monthly spend is taken as an average of the three months.

### 6.3 Telecom Connect Government Plan

*Description*

A call savings plan which provides savings on Telecom National and International Calls to Government Agencies. The plan reflects the calling patterns of these agencies to the five main centres of Auckland, Hamilton, Wellington, Christchurch and Dunedin.

*Terms and Conditions*

The following conditions apply to the Telecom Connect Government Plan, in addition to the conditions identified above:

- Customers must be a Government Department, Ministry or Corporation; a Crown Research Institute; a Statutory Body or Crown Agency.
- Customers must spend more than \$50,000 (excluding GST) a year on Telecom National and International Calls combined.

*Call Savings*

Telecom Connect Government Plan	Peak Monday to Friday 8 a.m. - 6 p.m.	Off peak Monday to Friday, 6 p.m. - 8 a.m. all weekend and National Statutory holidays
Telecom National Calls, Main routes	19%	16%
Telecom National Calls, Other routes	16%	16%
Telecom Calls to Australia	14%	14%
Other Telecom International Calls	9%	9%

## 6.4 Premier Call Plans

### 6.4.1 Standard Premier Call Plan

The following maximum call discounts were allowed for those customers enrolled on the Standard Premier Plan:

National Calls	18%
Australia	14%
Rest of World	10%

### 6.4.2 Premier 24 Call Plan

The following maximum discounts were allowed to those customers (i.e. members of the hotel industry) enrolled on the Premier 24 Call Plan:

National (Peak Periods)	16%
National (Off-Peak Periods)	20%
Australia (Peak Periods)	12%
Australia (Off-Peak Periods)	16%
Rest of World (Peak Periods)	8%
Rest of World (Off-Peak)	12%

### 6.4.3 Premier Government Call Plan

The following maximum discounts were allowed to those customers (i.e. Government Departments) enrolled on the Premier Government Call Plan:

National Calls to Auckland, Hamilton, Wellington, Christchurch, and Dunedin	21%
All other National Calls	18%
Australia	14%
Rest of World	10%

The actual discounts allowed in respect of the above call plans depended on the following criteria:

centralised account management;  
 prompt payment of bills;  
 preferred vendor status;  
 ABR target bonus;  
 joint account planning;  
 1st year contract renewal incentive;  
 2nd year contract renewal incentive;  
 3rd year contract renewal incentive.

## 6.5 Call Promotions

The following discounts were allowed to residential customers during the quarter:

30% discount for calls to Australia during the weekend of 17/18 July 1993.

Weekend promotions for 21/22 and 28/29 August 1993 whereby a 10 minute national call was no more than \$1.99 (including GST).

“\$10.00 worth of calls free” offer for the weekends of 10/11 and 17/18 July 1993. This was allowed to those customers who responded to an advertising campaign.

National calls were charged at 15 cents per minute (GST inclusive) for those customers enrolled in the “Union Affinity” programme. This rate applied only in respect of calls made during the weekend of 24/25 July 1993.

## 6.6 Telecom Build Your Business

Telecom’s business customers were allowed discounts on national and international calls pursuant to the “Build Your Business” programme. Under this programme, a 50% discount applied to those national and international calls made beyond a predetermined volume threshold. A discount of 5% was allowed in respect of such calls within the threshold.

The principles and guidelines for the discount were to stimulate call volumes and to maintain competitiveness in the market.

## 6.7 International Leased Circuits

The following discounts were allowed on the basis of the following criteria:

term commitment from the customer to use the service;  
customer requirements for diversity;  
credit worthiness;  
service type (cable or satellite);  
aggregate amount of bandwidth purchased by the customer;  
destination of the service;  
requirements for service to several overseas locations;  
commitment by the customer to upgrade service to higher bandwidth during the course of the contract;  
customer requirements for the provision of facilities management services by Telecom.

Customers may choose the option of being able to terminate longer term contracts on specific dates without paying cancellation fees. Customers who choose this option are allowed a smaller overall discount.

1. A customer was allowed a discount of 19.1% on a 64k SKYSTREAM service.
2. A customer was allowed a discount of 20% on a 64k LIGHTSTREAM service.
3. A customer was allowed a discount of 15.5% on a 9.6k LIGHTSTREAM service.
4. A customer was allowed a discount of 15.6% on a 64k LIGHTSTREAM service.
5. A customer was allowed a discount of 15.2% on a 48k LIGHTSTREAM service.
6. A customer was allowed a discount of 14% on a 64k SKYSTREAM service.
7. A customer was allowed a discount of 10.87% on a 128k SKYSTREAM service.
8. A customer was allowed a discount of 20% on a 64k LIGHTSTREAM service.

9. A customer was allowed a discount of 15% on a 64 k LIGHTSTREAM service.
10. A customer was allowed a discount of 15.6% on a 64k LIGHTSTREAM service.
11. A customer was allowed a discount of 17.5% on a 9.6k LIGHTSTREAM service.

## **6.8 Other Discounts**

Certain customers who purchased selected fax machines were provided a credit of \$100.00 for Telecom national calls.

A customer was allowed a discount of 8.5% on national and international calls.

A customer was allowed a discount of 16% on national calls, with an additional 3% discount for calls to selected destinations.

A customer was allowed a discount of 12% on international calls.

A customer was allowed a discount of 18% for peak period national calls, 21% for off-peak period national calls, 16% for calls to Australia, and 13% for calls to the rest of the world.

The above discounts were allowed in order to maintain Telecom's competitiveness in the market.

The standard installation charge for ISDN Primary Rate Access was waived for a particular customer. This was done in recognition of installation delays.

**7. PERMIT TO CONNECT SPECIFICATIONS (NOTE: Prices are GST Inclusive)****100 Series: General Specifications and Codes of Practice**

NO.	TITLE	ISSUE	PRICE
TNA 150	Telephone Network Numbering Changes	1993	\$20.00

**200 Series: Product Specifications**

NO.	TITLE	ISSUE	PRICE
PTC 252	Mobile Phone Service Specifications for, and Requirements for Approval of Mobile Telephone Terminals	1993	\$25.00
PTC 253	Technical Requirements for Trunked Mobile Radio Terminals	1993	\$30.00
PTC 254	Requirements for Dual Mode Mobile Telephone Terminals	1993	\$25.00
PTC 262	Requirements for Telecom Analogue Cellular Telephone Network Terminal Adaptors	Draft Sept. 93	\$50.00

## 8. INTERCONNECTION

### 8.1 Direct System Access (DISA)

DISA is a service combining elements of DDI type signalling and multi-stage dialling.

DISA is available to Service Operators solely for the purposes of providing telecommunications services to third parties. The basis of the operation is as follows:

#### 1. Terminal Networks

When calls terminate within the terminal network, that is calls do not return to the Telecom PSTN or to the international PSTN, answer reversals may be returned only when the ultimate distant extension goes off hook. Special conditions apply for this service, namely:

- (a) the information transmitted by the caller to the terminal network of the Service Operator is limited to a personal identification number of no more than six digits, a valid network number, and line control signals as defined in the relevant Permit to Connect Specifications.
- (b) no information of any kind other than supervisory tones is to be transmitted by the Service Operator's network to the caller until such time as an answer reversal is sent to the Telecom network.

#### 2. Toll By-Pass Network

A toll by-pass call is one which does not terminate within the terminal network; instead the caller intends to place a call to a number in the Telecom PSTN or the international PSTN. Special conditions apply for this service, namely:

- (a) all incoming trunks used for DISA access in respect of the Service Operator's network will be connected to the Telecom network as "Freephone" lines in order that terminated call volumes can be accurately measured and billed;
- (b) the invoiced call charges in respect of the incoming trunks to the Service Operator's network will be multiplied by a factor of 1.2 to take account of the charges normally payable for unanswered, busy or misdialled calls. This factor is set by Telecom at its sole discretion, but assessed on the basis of the equivalent factor for calls to toll by-pass Network Operators with inter-exchange interconnection.
- (c) the information transmitted by the caller to the toll by-pass network of the Service Operator is limited to a personal identification number of no more than six digits, a valid Telecom national number or international number, and line control signals as defined in the Permit to Connect Specifications;
- (d) no information of any kind other than supervisory tones is transmitted by the Service Operator's network to the caller until such time as an answer reversal is sent to the Telecom network;
- (e) an answer signal is generated by the Service Operator's network after the receipt of the information in (c) above within a reasonable period of time;
- (f) if necessary for signalling purposes alone, DDI signalling may be used on the incoming trunks to the Service Operator's network. DDI numbers will not, however, be assigned to those trunks without Telecom's specific approval;
- (g) The charges contained in the Telecom List of Charges (TLOC) from time to time will apply to the DISA service.