



LAND & DEEDS OFFICE

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**TELECOMMUNICATIONS
(DISCLOSURE)
REGULATIONS 1990**

This publication sets out the material required to be published by Telecom in the New Zealand Gazette by 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 31st day of December 1990. 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 end of the immediately preceding quarter and which have already been published. The respective changes to prices, terms and conditions of supply set out herein are in *bold italic type*. 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. This 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 Street, 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 Limited, 9th Floor, Hewlett-Packard Building, 186-190 Willis Street, P O Box 293, Wellington.

Telecom South Limited, 5th Floor, NML Building, 152-156 Hereford Street, P O Box 1473, Christchurch.

Detailed information on current national call (toll) charges, incorporating amendments to such information published at the end of the quarter ending the 30th day of September 1990, 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.

Except for Permit to Connect Specification charges, payphone charges and the charging steps in the two toll call maps, all charges EXCLUDE GST.

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1. TELEPHONE CALL TARIFFS

1.1 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.

RATE PER MINUTE OR PART OF A MINUTE (Effective from 1 November 1989)				
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. & 7 a.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.
A	\$0.06	\$0.05	\$0.04	\$0.02
B	\$0.12	\$0.10	\$0.08	\$0.04
C	\$0.20	\$0.16	\$0.12	\$0.06
D	\$0.31	\$0.25	\$0.19	\$0.09
E&F	\$0.48	\$0.38	\$0.28	\$0.14
G	\$0.64	\$0.49	\$0.37	\$0.18
H	\$0.76	\$0.59	\$0.44	\$0.22
I&J	\$0.94	\$0.73	\$0.54	\$0.27

Notes:

- *Local Call rates apply to calls between telephone offices on Great Barrier Island.*
- *All times are New Zealand local time.*

1.2 Message Rate Station Service

This applies only to Great Barrier Island.

Monthly charge \$8.70
plus local call rates for calls between telephone offices.

1.3 Telecom International Call (Toll) Charges

The following charges apply to calls outside New Zealand.

Direct Dialling

Economy rates do not apply where calls are connected by the Operator.

COUNTRY	RATE PER MINUTE OR PART OF A MINUTE		
	Standard Rate	Economy Rate	Hours When Economy Rate Applies
<i>Australia</i>	\$1.40	\$0.88	<i>11pm - 8am and all day Saturday</i>
<i>Norfolk Island</i>	\$1.40	\$0.88	<i>11pm - 8am and all day Saturday</i>
<i>United Kingdom</i>	\$2.72	\$1.76	<i>12am - 8am</i>
<i>United States (Includes Alaska and Hawaii)</i>	\$2.72	\$1.76	<i>10pm - 8am</i>
Canada	\$2.72	\$1.76	10pm - 8am
Hong Kong	\$2.72	\$1.76	12am - 8am
Singapore	\$2.72	\$1.76	12am - 8am
Adelie Terre American Samoa Australian Antarctic Bases Christmas Island Cocos Island Cook Islands Fiji Kiribati Nauru New Caledonia Niue Papua New Guinea Pitcairn Island Solomon Islands Tahiti Tokelau Tonga Tuvalu Vanuatu Wallis and Futuna Islands Western Samoa	\$1.40 The standard rate of \$1.40 applies to all these countries	N/A Economy rates are not applicable to any of these countries	N/A Economy rates are not applicable to any of these countries
All Other Countries	\$2.72	N/A	N/A

Notes:

- All times are New Zealand local time
- All calls are charged for each minute or part of a minute.
- All calls are charged at the rate applying when the call started.
- Calls of 2 seconds or less 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.

Calls from the Blenheim Area

TELECOM NATIONAL CALLS (TOLLS)

NIGHT RATE Everyday 10pm-7am	ECONOMY RATE Mon-Fri 6pm-10pm 7am-8am Sat, Sun & Nat. Stat. Holidays 7am-10pm	AFTERNOON RATE Mon-Fri Noon-6pm	MORNING RATE Mon-Fri 8am-Noon
APPROX 70% OFF FULL RATE	APPROX 40% OFF FULL RATE	APPROX 20% OFF FULL RATE	FULL RATE

The prices shown in cents are for each minute or part of a minute for Direct Dial calls from the Blenheim Local Calling Area. These prices include GST and are rounded up so prices actually charged may be slightly less than those shown.

A	2.3c	4.5c	5.7c	6.8c
B	4.5c	9.0c	12c	14c
C	6.8c	14c	18c	23c
D	11c	22c	29c	35c
E	16c	32c	43c	54c
G	21c	42c	56c	72c
H	25c	50c	67c	86c
I	31c	61c	83c	106c

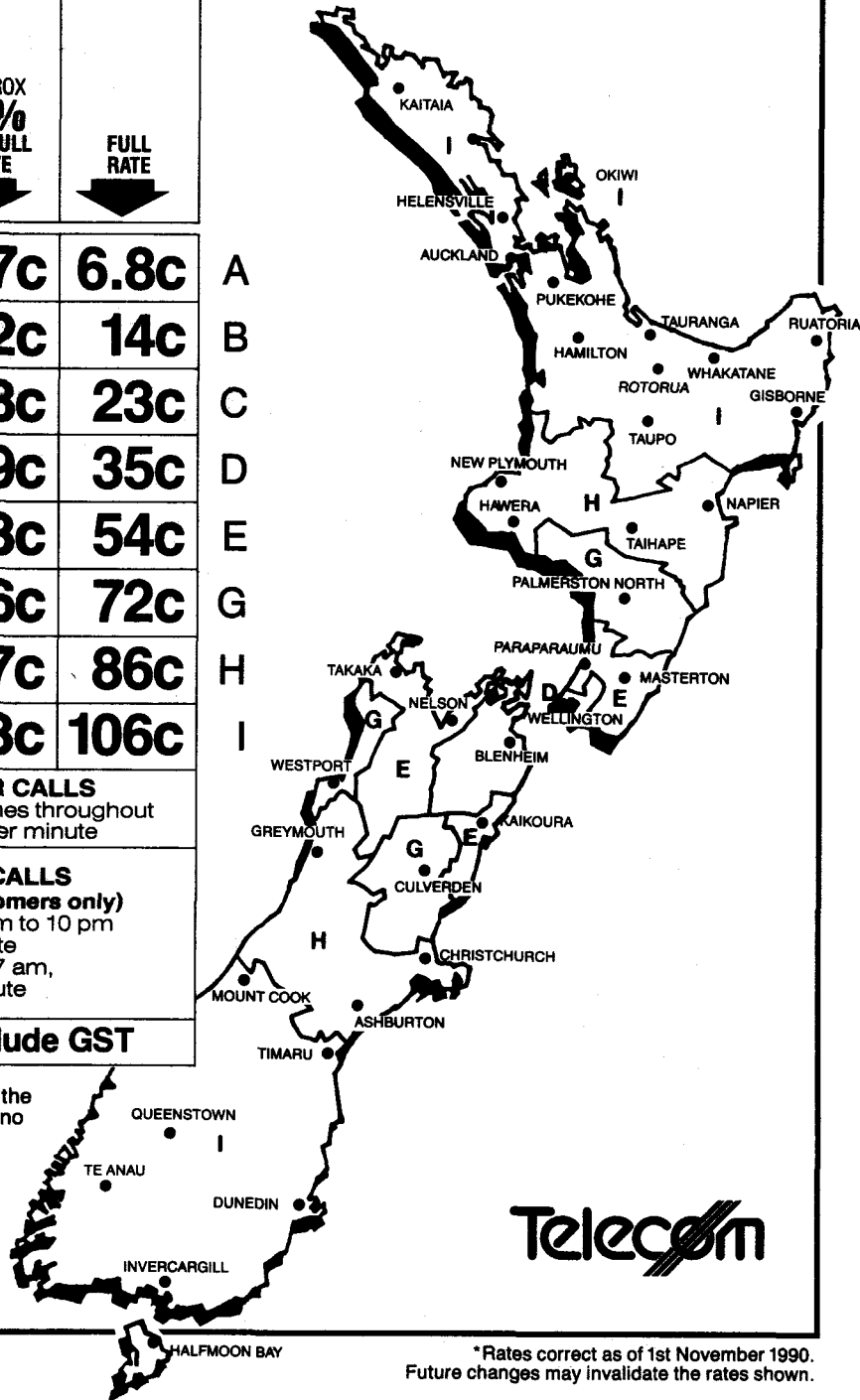
A
B
C
D
E
G
H
I

TELECOM CELLULAR CALLS
All calls made to Cellular Phones throughout New Zealand 71 cents per minute

TELECOM LOCAL CALLS
(Applies to business customers only)
Local Calls, every day 7 am to 10 pm
4 cents per minute
Every day 10 pm to 7 am,
0.5 cents per minute

The rates quoted include GST

All customers can call 010 to find out the rate for calls from their area (there is no charge for this service).



Calls from the Timaru Area

TELECOM NATIONAL CALLS (TOLLS)

NIGHT RATE Everyday 10pm-7am	ECONOMY RATE Mon-Fri 6pm-10pm 7am-8am Sat, Sun & Nat. Stat. Holidays 7am-10pm	AFTERNOON RATE Mon-Fri Noon-6pm	MORNING RATE Mon-Fri 8am-Noon
APPROX 70% OFF FULL RATE	APPROX 40% OFF FULL RATE	APPROX 20% OFF FULL RATE	FULL RATE

The prices shown in cents are for each minute or part of a minute for Direct Dial calls from the Timaru Local Calling Area. These prices include GST and are rounded up so prices actually charged may be slightly less than those shown.

A	2.3c	4.5c	5.7c	6.8c
B	4.5c	9.0c	12c	14c
C	6.8c	14c	18c	23c
D	11c	22c	29c	35c
E	16c	32c	43c	54c
G	21c	42c	56c	72c
H	25c	50c	67c	86c
I	31c	61c	83c	106c

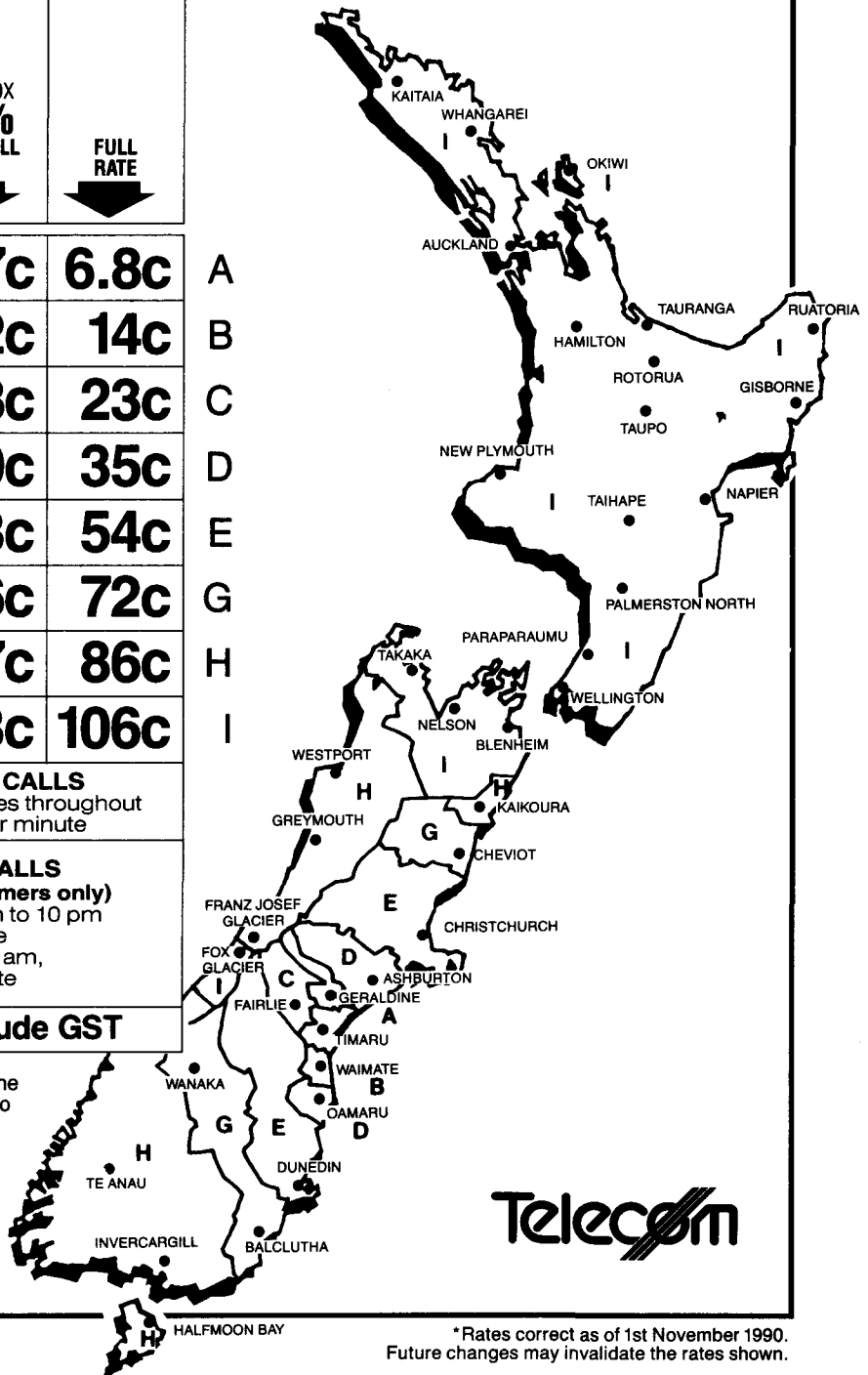
A	
B	
C	
D	
E	
G	
H	
I	

TELECOM CELLULAR CALLS
All calls made to Cellular Phones throughout New Zealand 71 cents per minute

TELECOM LOCAL CALLS
(Applies to business customers only)
Local Calls, every day 7 am to 10 pm
4 cents per minute
Every day 10 pm to 7 am,
0.5 cents per minute

The rates quoted include GST

All customers can call 010 to find out the rate for calls from their area (there is no charge for this service).



1.5 Telecom Local Calls

Local Call Charging Rates

Since 1 November 1989 Telecom has been introducing local call charging throughout New Zealand for all business customers. For information on which areas have introduced local call charging, please contact the nearest Telecom office.

RATE PER MINUTE OR PART OF A MINUTE		
CHARGE PERIOD	<i>PEAK Everyday 7 a.m. - 10 p.m.</i>	<i>OFF-PEAK Everyday 10 p.m. - 7 a.m.</i>
PRICE	<i>3.55 cents</i>	<i>0.44 cents</i>

Notes:

- Emergency calls (dial 111) are not charged for at any time.
- All times are New Zealand local time.

1.6 Charges for Plessey 3001 Payphones***Direct Dial Call Charges (GST Inclusive)***

The following table sets out the charges for direct dialled local, national and international calls from Plessey 3001 payphones.

Type of Call/ Charging Step	CALL DURATION IN MINUTES									
	1	2	3	4	5	6	7	8	9	10
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Local Calls	0.20	0.40	0.60	0.80	1.00	1.20	1.40	1.60	1.80	2.00
National Calls										
A & B	0.40	0.60	0.80	1.00	1.20	1.40	1.60	1.80	2.00	2.20
C & D	0.60	1.00	1.40	1.80	2.20	2.60	3.00	3.40	3.80	4.20
E, F & G	1.00	1.80	2.60	3.40	4.20	5.00	5.80	6.60	7.40	8.20
H, I & J	1.60	3.00	4.40	5.80	7.20	8.60	10.00	11.40	12.80	14.20
International Calls										
Area 1	1.80	3.40	5.00	6.60	8.10	9.70	11.30	12.90	14.50	16.00
Area 2	3.30	6.40	9.40	12.50	15.50	18.60	21.70	24.70	27.80	30.80
INMARSAT	18.20	36.20	54.20	72.20	90.20	108.20	126.20	144.20	162.20	180.20

Notes:

- Area 1 countries are: Adelle Terre, Australia, Australian Antarctic Bases, Christmas Island, Cocos Island, Cook Islands, Fiji, Kiribati, Nauru, New Caledonia, Niue, Norfolk Island, Papua New Guinea, Pitcairn Island, Solomon Islands, Tahiti, Tonga, Tuvalu, Vanuatu, Wallis and Futuna Islands, Western Samoa, American Samoa.
- Area 2 countries are: all other countries.
- INMARSAT refers to calls made through International Maritime Satellite.
- ***The price for the first minute of a national or international call from a Coinphone 3001 payphone includes a \$0.20 flagfall charge.***

2. NATIONAL LEASED-CIRCUIT SERVICES

2.1 Leased-Circuit Charges - General Principles

Charges for dedicated leased services are based on the following 4 principles:

- A once-only installation charge on application.
- Monthly access charges per end of circuit within a local exchange area.
- **Monthly kilometre charges associated with transmission routes or junction routes. All junction routes are rounded up to the nearest kilometre for charging purposes.**
- Charges associated with altering, reconfiguring or moving circuits at the customer's request.

2.2 Monthly Transmission Charges for Analogue Leased Circuits

Transmission charges for analogue leased circuits are a combination of the Step A to Step E rates which were detailed in section 4.1.3 of the supplement to the Gazette of Thursday, 25 October 1990, Issue No. 188. In general, this means:

- **Junction charges apply to circuits or portions of circuits between exchanges in a local-calling area.**
- **Step A rates apply to circuits or portions of circuits between local calling areas within a Tariff Zone**
- **Step B to Step E rates apply to circuits or portions of circuits between Tariff Zones**

Digital Leased Circuit Services

- | | |
|--|-----------------|
| Upgrade from analogue access to digital access..... | No charge |
| • Change of speed between 2.4 kbit/s, 4.8 kbit/s and 9.6 kbit/s per circuit for circuits with solely digital access | \$150.00 |
| • Change of speed between 2.4 kbit/s, 4.8 kbit/s and 9.6 kbit/s, per end of circuit for circuits with analogue access..... | \$150.00 |

2.3 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 of the length of the access circuit.

- **Access charge per end of link.....\$2850.00**

2.4 International Leased Circuit Charges

Analogue Voice/Data Circuit Service

Auckland is the New Zealand point of entry for analogue leased circuits. Extension from Auckland to the customer's first service distribution point is free of charge. The first service distribution point is defined as the nearest location to Auckland at which the customer has access to the international circuit. Connection from this location to any additional customer service-delivery points (that is, for multipoint operation) within New Zealand will be charged at the standard national analogue leased-circuit rental (see section 4 of the supplement to the Gazette of Thursday, 25 October 1990).

The analogue service provided by Telecom is a full-duplex, 4-wire half circuit, operating to CCITT Rec. M1020 or CCITT Rec. M1040.

- CCITT Recommendation M1040 details the characteristics of an ordinary-quality international leased circuit.
- **A "half" circuit originates at a customer's service-delivery point(s) in New Zealand and connects, at a point of electrical interface, with transmission facilities provided by an overseas telecommunications organisation (which has an agreement with Telecom to connect the circuit to an overseas destination).**

2.5 TASTREAM Service (Digital Cable service to Australia)

TASTREAM Service is a digital cable service that gives full-time operation over point-to-point circuits to Australia. It provides a half-circuit that gives full-duplex operation.

Note:

A "half" circuit originates at a customer's service-delivery point(s) in New Zealand and connects, at a point of electrical interface, with transmission facilities provided by an overseas telecommunications organisation (which has an agreement with Telecom to connect the circuit to an overseas destination).

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.....	\$1500.00
• Charge for installation of a 48 kbit/s circuit.....	\$2500.00
• Charge for installation of a 56 kbit/s circuit.....	\$4000.00
• Charge for installation of a 64 kbit/s circuit.....	\$4000.00
• Charge for installation of a 128 kbit/s circuit.....	\$5000.00
• 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

The charge for upgrading a circuit to a higher rate is half the appropriate installation charge for the higher rate.

2.6 International Leased-Circuit Services

In certain cases the prices of international services are only ascertainable on application. This is because the charge for a particular service depends on the specific destination for the customer service required. Access to any destination may require a unique combination of telecommunications facilities, some of which will be owned and operated by Telecom, and some of which may be owned by an Overseas Telecommunications Company, for which Telecom would incur usage charges.

2.7 Installation Charges

Installation charges will apply to all work on a customer's property required to provide them with service. Installation charges will apply to the lead in and to any premises wiring that is required solely to serve the customer. Charges are assessed by the Telecom Regional Operating Companies on a case by case basis, depending on the applicable costs. Such costs include the relevant labour costs, travelling time, the time actually taken for the installation, equipment used and the materials required for the installation.

3. LIST OF NEW AND AMENDED PERMIT TO CONNECT SPECIFICATIONS AS AT 31 DECEMBER 1990

PTC AND TNA SPECIFICATIONS (PRICE INCLUDES GST)

100-SERIES: GENERAL SPECIFICATIONS AND CODES OF PRACTICE

NO.	TITLE	ISSUE	PRICE \$
PTC 100	Telecom Permit to Connect: General Conditions	Sep 1987	30
PTC 101	Electrical Safety Requirements for a Telecom Permit to Connect	Sep 1987	30
PTC 102	Telephone Network Interface Requirements	Feb 1988	60
PTC 103	Code of Practice for the Installation of Customer Premises Telecommunications Wiring	Sep 1987	25
PTC 105	Code of Practice for Customer Premises Telecommunications Cabling	June 1988	35
PTC 107	PABX External Port Interface Conditions	Mar 1989	90
PTC 108	PABX Signalling & Supervisory Conditions	Jan 1989	35
PTC 109	PABX Transmission Requirements	May 1989	90
PTC 110	PABX Network Requirements	Draft Aug 1989	60
TNA 111	Datex Service: Network Interface Requirements	Nov 1990	35
TNA 151	Telephone Network Transmission Plan	Nov 1990	60

200-SERIES: PRODUCT SPECIFICATIONS

PTC NO	TITLE	ISSUE	PRICE \$
PTC 201	Technical Requirements for Permission to Connect Telex Terminal equipment	Sep 1987	60
PTC 202	Technical Requirements for Permission to Connect Telephone Instruments	Mar 1988	90
PTC 211	Requirements for Non-Voice Equipment	Nov 1990	90
PTC 212	Requirements for Automatic Answering, Calling and Recording Equipment	Dec 1990	90
PTC 213	Requirements for Pay Telephones	June 1990	60
PTC 251	Technical Requirements for Permission to Connect Radio Paging Receivers	June 1987	30
PTC 252	Mobile Phone Service Specifications for and Requirements for Approval of Mobile Telephone Terminals	Draft Issue 2 Nov '90	80

300-SERIES: NETWORK INTERCONNECT SPECIFICATIONS

PTC NO	TITLE	ISSUE	PRICE \$
PTC 301	Telephone Network Interconnection	July 1989	90
PTC 302	Telex and Datex Network Interconnection	Draft Aug 1989	40
PTC 303	Packet Network: X75 Interconnection	Draft Apr 1989	90

4. Interconnection

There is a non-refundable administration fee of \$50,000 (excluding GST) payable to Telecom before a service operator may enter into negotiations for interconnection. ***This fee is applicable to any service operator commencing such negotiations after 31 July 1990.***

Corrigendum

Delete the following sentence from clause 16 of the Interconnection contract on page 4116 of the New Zealand Gazette of Thursday 25 October 1990:

"Subject to Clause 16.7, in the event that a Telecom ROC wishes to make any alteration to that Telecom ROC's Network which makes it necessary for changes to be made to the Service Operator's Network, the Principal ROC shall serve on the Service Operator the following notices at the following intervals and times:"

and replace it with the following sentence:

"In the event that a Telecom ROC wishes to make any alteration to that Telecom ROC's Network which makes it necessary for changes to be made to the Service Operator's Network, the Principal ROC shall serve on the Service Operator the following notices at the following intervals and times:"

5. New Prices, Terms and Conditions

Telecom has announced and from time to time will announce its intention to introduce new prescribed services and changes to prices, terms and conditions of existing prescribed services, in 1991. Details of these will be published in accordance with the Telecommunications (Disclosure) Regulations 1990 within 30 days after the end of the quarter when they were introduced.

