

# **Standard Terms Determination for Chorus' Sub-loop Unbundled Cooper Local Loop Network Services**

## **Service Appendix 3**

### **Schedule 2: Sub-loop Backhaul Price List**

**Date of determination:** 18 June 2009

Updated to incorporate Commerce Commission decisions, amendments, and clarifications through to 16 December 2018

## Contents

<b>1</b>	<b>Introduction .....</b>	<b>3</b>
<b>2</b>	<b>Charges.....</b>	<b>3</b>
<b>3</b>	<b>Adjustment to Charges.....</b>	<b>4</b>
	<b>Tables of Sub-Loop Backhaul Service Charges.....</b>	<b>6</b>
1	Sub-loop Backhaul Service Transaction Charges .....	6
2	Sub-loop Backhaul Service Recurring Charges .....	8
3	Sub-loop Backhaul Service Ancillary Services.....	10

## 1 Introduction

- 1.1 This schedule sets out the Charges<sup>1</sup> for the Sub-loop Backhaul Service and provides a mechanism to make adjustments to the Charges for Service Components.<sup>2</sup>
- 1.2 References to clauses or sections are references to clauses or sections in this Sub-loop Backhaul Price List unless expressly provided otherwise. The definitions set out in the Sub-loop Services General Terms and the Sub-loop Backhaul Operations Manual apply to the extent that they are not expressly modified by, or inconsistent with, the context of this Sub-loop Backhaul Price List.

## 2 Charges

- 2.1 All Prices<sup>3</sup> are listed under the “Charge” column for each Service Component.
- 2.2 Charges for Sub-loop Backhaul Service Components are described as being either a Core ('C') or Sundry ('S') Charge.
- 2.3 **Core Charges** are for the core components of the Sub-loop Backhaul Service.
- 2.4 **Sundry Charges** are for other components of the Sub-loop Backhaul Service.
- 2.5 Prices for Service Components are either:
  - 2.5.1 fixed; or
  - 2.5.2 calculated; or
  - 2.5.3 expressed as "Price on application" (**POA**). Prices that are POA must reflect the underlying cost of providing the resources and project management skills required to provide the Service Component.
- 2.6 For all Service Components that are POA, Chorus must, if requested by the Access Seeker, use all reasonable endeavours to provide the Access Seeker with two or more competitive quotes.
- 2.7 Charges will become due and payable and will be invoiced in the manner described in the “Charge invoiced” column for each Service Component.

---

<sup>1</sup> **Charge** is defined in the Sub-loop Services General Terms as “all or (as the context requires) any amounts payable by the Access Seeker under the Sub-loop Services Terms.” Charges in this schedule exclude GST.

<sup>2</sup> **Service Component** means a component of the Sub-loop Backhaul Service, described in the rows of tables 1-3 below. Each Service Component has a description of the service, a Price Change Mechanism, invoicing detail and a Charge, which is identified as either Core or Sundry. Individual Service Components are referred to by the numerical reference number at the start of the row in which the Service Component is described.

<sup>3</sup> **Price** in this document means the dollar amount(s) attributed to a Service Component. A Price becomes a Charge when the Access Seeker requests/receives the Service. Prices in this schedule exclude GST.

- 2.8 The provisions in the Sub-loop Services General Terms relating to invoicing and payment of Charges apply.
- 2.9 All adjustments to Prices must be done in accordance with the relevant Price Change Mechanism listed in the "Price Change Mechanism" column for each Service Component.
- 2.10 Any adjustments to Charges for Service Components must be approved by the Commission.

### **3 Adjustment to Charges**

- 3.1 Chorus must, subject to the approval of the Commission, pass through changes in costs by increasing or decreasing Prices as follows:
  - 3.1.1 Each year, on or before 1 November, Chorus must calculate adjustments to the Prices relating to those Service Components where this clause is the prescribed Price Change Mechanism below. Those adjustments must be by an amount equivalent to the percentage change (up or down) for the previous year in the Labour Cost Index (All sectors, Salary and Ordinary Time Wage Rates, All industries combined) Series Reference LCIQ.SG51Z9 as published by Statistics New Zealand, or such successor index as may be designated by Statistics New Zealand from time-to-time.

For the purpose of this clause 3.1.1 the annual percentage change between the previous year's June index number and the current year's June index number must be used.

- 3.1.2 Where:
  - (a) the cost of providing one of the Service Components (where the prescribed Price Change Mechanism is clause 3.1.2) increases or decreases; and
  - (b) that increase or decrease is due to changes in input costs charged to Chorus pursuant to contractual obligations by its field service company contractors,

Chorus must immediately calculate an adjustment to Price relating to that Service Component to reflect the increase or decrease in costs.

- 3.1.3 When adjusting Prices under clause 3.1, Chorus must review all Service Components which are POA and calculate a fixed Price where this is practicable.

- 3.2 Once an adjustment or new fixed Price has been calculated under clause 3.1, Chorus must give notice to the Commission of the adjustment. The notice must include:
- 3.2.1 the figures used in the calculation for the adjustment;
  - 3.2.2 the calculations undertaken for the adjustment;
  - 3.2.3 a description of the adjustment made;
  - 3.2.4 the reasons for the increase or decrease; and
  - 3.2.5 a proposed Implementation Date.<sup>4</sup>
  - 3.2.6 If the proposed Implementation Date is different from the previous year's Implementation Date, Chorus must also include reasons for the change in date with the notice.
- 3.3 The Commission must approve or decline a proposed adjustment and proposed Implementation Date notified by Chorus under clause 3.2 within 20 Working Days.
- 3.4 After an adjustment and Implementation Date has been approved by the Commission, Chorus must:
- 3.4.1 notify Access Seekers of the adjustment; then
  - 3.4.2 activate the new Charge arising from the adjustment in its billing systems on the Implementation Date.

---

<sup>4</sup> **Implementation Date** is the date on which any new Charges arising from an adjustment are to be activated in Chorus' systems, subject to approval by the Commission.

## Tables of Sub-Loop Backhaul Service Charges

### 1 Sub-loop Backhaul Service Transaction Charges

Service Component	Description	Core or Sundry	Charge invoiced	Price Change Mechanism	Charge (excl. GST)
1.1 Sub-loop Backhaul Service New Connection <sup>5</sup>	A new connection of the Sub-loop Backhaul Service via fibre utilising an optical interface  Connection only	C	Following notification of completion of Order	None	Cabinet-end: \$541  Exchange-end: \$4,030
1.2 Sub-loop Handover Fibre Installation	Chorus installing the Access Seeker's Sub-loop Handover Fibre between:  the Distribution Cabinet Manhole and the OFDF or equivalent facility; or <ul style="list-style-type: none"> <li>the Local Exchange Manhole and the Local Exchange OFDF</li> </ul>	S	Following notification of completion of Order	None	Price on Application (POA)  Based upon cost of time and materials (including a 10% contribution towards common costs, unless already recovered)
1.3 Sub-loop Backhaul Connection installation	Chorus installing the Access Seeker's Sub-loop Backhaul Connection between: <ul style="list-style-type: none"> <li>the Access Seeker Equipment in the Sub-loop Co-location Service Area in the Distribution Cabinet and the OFDF or equivalent facility; or</li> <li>the Access Seeker Equipment in the UCLL Co-location Service Area in the Local Exchange and the OFDF</li> </ul>	S	On completion of installation	None	Price on Application (POA)  Based upon cost of time and materials (including a 10% contribution towards common costs)
1.4 Relinquishment of Access Seeker Backhaul Connection or Backhaul Handover Fibre	Relinquishment of an existing Access Seeker Backhaul Connection or Backhaul Handover Fibre. Charge covers time and materials to remove an existing Backhaul Connection or Backhaul Handover Fibre and cables and equipment	S	On completion of relinquishment	None	Price on Application (POA)  Based upon cost of time and materials (including a 10% contribution towards common costs, unless already recovered)

<sup>5</sup> The connection charge at each end of the service does not vary depending on the number of fibres purchased by the Access Seeker.

Service Component	Description	Core or Sundry	Charge invoiced	Price Change Mechanism	Charge (excl. GST)
1.5 Sub-loop Backhaul Change Order	Project management and co-ordination of Change Orders (a change in configuration). If the change requires a new connection and/or relinquishment these will be charged for separately	S	On completion of change order	Clause 3.1.1	\$117.86 per hour  Pricing reflects the fully allocated cost of project management
1.6 Sub-loop Backhaul Service Relinquishment	Relinquishment of supply of an existing Sub-loop Backhaul Service connection	C	Following notification by Chorus of completion of Order	None	\$0.00

## 2 Sub-loop Backhaul Service Recurring Charges

Service Component	Description	Core or Sundry	Charge invoiced	Price Change Mechanism	Charge (excl. GST)
2.1 Sub-Loop Backhaul Service	Standard sub-loop Backhaul Service	C	Monthly in advance from completion of order	None	<p>Priced on a cabinet-by-cabinet basis according to the proportion of fibres used by the Access Seeker using the following formula:</p> $A = B \times \left( \frac{C}{D} \right) + E$ <p>Where:</p> <p>A = the monthly charge paid by the Access Seeker</p> <p>B = monthly passive equipment costs for an Urban Distribution Cabinet (\$1,911 per month) or monthly passive equipment costs for a Non-urban Distribution Cabinet (\$3,197 per month)<sup>6</sup></p> <p>C = the number of fibres provided to the Access Seeker between the Distribution Cabinet and Local Exchange in respect of the Sub-loop Backhaul Service</p> <p>D = the total number of fibres used between the Distribution Cabinet and Local Exchange (other than any fibre used by Chorus for the purpose of supporting, and monitoring the performance of, the Sub-loop Services provided that no Access Seeker or other customers will be served off that fibre); and</p> <p>E = monthly active equipment costs (\$430 per month)</p>

<sup>6</sup> "Urban" and "Non-urban" Distribution Cabinets are as defined in the Sub-loop UCLL Price List.



Service Component	Description	Core or Sundry	Charge invoiced	Price Change Mechanism	Charge (excl. GST)
2.2 Sub-loop Backhaul Connection space rental.	Monthly space rental for Sub-loop Backhaul Connection co-located on Chorus property	C	Monthly in advance from completion of order	None	Cabinet-end: \$0.00 Exchange-end: \$27.09
2.3 Sub-loop Handover Fibre space rental.	Monthly space rental for Sub-loop Handover Fibre co-located on Chorus property	C	Monthly in advance from completion of order	None	Cabinet-end: \$6.66 Exchange-end: \$27.09
2.4 Handover Fibre rental	Monthly rental for the Handover Fibre	S	Monthly in advance from completion of order	Clause 3.1.2	\$88.53

**3 Sub-loop Backhaul Service Ancillary Services**

Service Component	Description	Core or Sundry	Charge invoiced	Price Change Mechanism	Charge (excl. GST)
3.1 No Fault Found	Fault call that is closed "no Chorus fault found"	S	Following completion of fault investigation	Clause 3.1.2	\$128.05
3.2 Additional OO&T Training	Access Seeker staff training (at Access Seeker's site) on the operation and use of OO&T. Maximum 10 persons per course	S	Following completion of training	Clause 3.1.1	\$117.86 per hour plus actual travel costs (as applicable, the costs of airplane flights, public transport fares, taxi fares and standard mileage rates for motor vehicles as published by Inland Revenue) to Access Seeker's site. Hourly rate reflects fully loaded cost of skilled employee to run training.
3.3 Additional OFM Training	Access Seeker staff training (at Access seeker site) on the operation and use of OFM. Maximum 10 persons per course	S	Following completion of training	Clause 3.1.1	\$117.86 per hour plus actual travel costs (as applicable, the costs of airplane flights, public transport fares, taxi fares and standard mileage rates for motor vehicles as published by Inland Revenue) to Access Seeker's site. Hourly rate reflects fully loaded cost of skilled employee to run training.
3.4 OO&T Licence Fee	Monthly software licence fee for OO&T	S	Monthly in advance	None	\$24.00 per Access Seeker per month
3.5 OFM Licence Fee	Monthly software licence fee for OFM	S	Monthly in advance	None	\$24.00 per Access Seeker per month

Service Component	Description	Core or Sundry	Charge invoiced	Price Change Mechanism	Charge (excl. GST)
3.6 Additional Copies of Invoice	Additional hard copies of invoices as requested by Access Seeker	S	Following provision of additional copies of invoice	Clause 3.1.1	\$117.86 per invoice  Based on per line itemisation and average forecast invoice length plus time and materials of person to prepare and courier charge
3.7 Additional Billing Information	Providing any additional billing information requested by the Access Seeker over and above that reasonably required to enable the Access Seeker to check the accuracy of invoices	S	On provision of the additional billing information	None	Price on Application (POA)  Based on time and material of person to prepare and deliver information
3.8 Order cancellation (Pre Truck Roll)	Cancellation of an order after RFS Date notified to Access Seeker but before truck roll confirmed	S	Upon cancellation	Clause 3.1.1	\$5.18
3.9 Order cancellation (Post Truck Roll)	Cancellation of an Order after RFS date notified to Access Seeker and after truck roll confirmed	S	Upon cancellation	Clause 3.1.2	\$107.50
3.10 Backhaul Connection or Handover Fibre repair	Repair of the Handover Fibre or Backhaul Connection or where Access Seeker is responsible for fault but has no right of access.	S	Upon completion of repair	None	Price on Application (POA)  Based upon cost of time and materials (including a 10% contribution towards common costs, unless already recovered)
3.11 Abortive site visit	Abortive site visit where, for a reason not caused by Chorus, visit doesn't proceed.	S	Following site visit cancellation	Clause 3.1.2	\$114.64 per hour