



Draft

**STANDARD TERMS DETERMINATION FOR CHORUS' SUB-
LOOP UNBUNDLED COOPER LOCAL LOOP NETWORK
SERVICES**

**SCHEDULE 2
SUB-LOOP UCLL PRICE LIST**

SERVICE APPENDIX 1

PUBLIC VERSION

18 June 2009

Updated to incorporate Commerce Commission decisions, amendments, and clarifications through to

10 April 2017

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1 Introduction

- 1.1. This schedule sets out the Charges¹ for the Sub-loop UCLL Service and provides a mechanism to make adjustments to the Charges for Service Components².
- 1.2. References to clauses or sections are references to clauses or sections in this Sub-loop UCLL Price List unless expressly provided otherwise. The definitions set out in the Sub-loop Services General Terms and the Sub-loop UCLL Operations Manual apply to the extent that they are not expressly modified by or inconsistent with the context of this Sub-loop UCLL Price List.

2 Charges

- 2.1. All Prices³ are listed under the "Charge" column for each Service Component.
- 2.2. Charges for Sub-loop UCLL 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 UCLL Service.
- 2.4. **Sundry Charges** are for other components of the Sub-loop UCLL 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.
- 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 for each Service Component listed in the "Price Change Mechanism" column for each Service Component.
- 2.10. Service Components in Table 2: Sub-loop UCLL Service Recurring Charges have Prices set for each of the 5 years of the FPP regulatory period⁴. These are listed in the "Charge" column that relates to each Service Component.
- 2.11. Any adjustments to Charges for Service Components must be approved by the Commission.

¹ **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.

² **Service Component** means a component of the Sub-loop Services, listed in the "Service Component" column 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.

³ **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.

⁴ The UCLL FPP decision set a 5-year regulatory period as follows:
Year 1: 16 December 2015 to 15 December 2016;
Year 2: 16 December 2016 to 15 December 2017;
Year 3: 16 December 2017 to 15 December 2018;
Year 4: 16 December 2018 to 15 December 2019; and
Year 5: 16 December 2019 to 15 December 2020.

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 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. When adjusting the Prices under clause 3.1.1, 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; and
- 3.2.4. the reasons for the increase or decrease.
- 3.3. After an adjustment has been approved by the Commission, Chorus must:
- 3.3.1. notify Access Seekers of the adjustment; and then
- 3.3.2. activate the new Charge arising from the adjustment in its billing systems within 30 working Days of the Commission notifying Chorus of its approval.

Tables of Sub-loop UCLL Charges

1 Sub-loop UCLL Service Transaction Charges

Service component	Description	Core or Sundry	Charge invoiced	Price change mechanism	Charge (excl. GST)
1.1 Sub-loop MPF New Connection	The establishment of a new service instance of the Sub-loop MPF Service (i.e. there is no MPF Transfer). The service is established from spare or intact circuits with an existing service lead into the building. That is, it utilises an existing Sub-loop MPF that is not currently used for the provision of telecommunications services	C	Following notification by Chorus of completion of order	Clause 3.1.1	\$133.28 (individual new connection where End User site visit required) Or \$46.04 (individual new connection where no End User site visit required) \$31.69 (bulk rate for 10 or more simultaneous new connections at the same Distribution Cabinet where no End User site visit required)
1.2 Sub-loop MPF Transfer	The transfer of the Sub-loop MPF Service connected to an End User's premises from one Access Seeker to another, as authorised by the End User	C	Following notification by Chorus of completion of order	Clause 3.1.1	\$55.46 (individual transfer where no End User site visit required) \$31.69 (bulk rate for 10 or more simultaneous transfers at the same Distribution Cabinet where no End User site visit required)
1.3 Other Service to Sub-loop MPF Transfer	The transfer of an End User from services (other than the Sub-loop MPF Service) provided over Chorus' Local Loop network to a Sub-loop MPF Service, as authorised by the End User	C	Following notification by Chorus of completion of order	Clause 3.1.1	\$55.46 (individual transfer where no End User site visit required) \$31.69 (bulk rate for 10 or more simultaneous transfers at the same Distribution Cabinet where no End User site visit required)

Service component	Description	Core or Sundry	Charge invoiced	Price change mechanism	Charge (excl. GST)
1.4 Exchange based unbundled or resale services to Sub-loop UCLL Migration	Migration from exchange based unbundled or resale services connected to an End User's premises to the Sub-loop UCLL Service. Excludes work that involves an End User site visit	S	Following notification by Chorus of completion of Order	None	<p>Price on Application (POA) for Migrations requested at time of installation of Distribution Cabinet:</p> <p>Price to reflect underlying costs in additional resources and project management work taking into account charges incurred by Chorus for each individual Migration (including 10% for common costs)</p> <p>Cost to be shared proportionately by Chorus and any Access Seeker who has unbundled that Distribution Cabinet on the basis of the number of lines connected to each Party's equipment in the Distribution Cabinet</p> <p>For avoidance of doubt, costs associated with installation of the Distribution Cabinet (e.g. connection of the Distribution Cabinet to the UCLL copper network) are not recoverable under this service component.</p>
1.5 Bulk Transfer or Sub-loop Migration management	Project management and additional transaction resources for coordination of multiple Sub-loop MPF related transfers or Migrations at the same Distribution Cabinet, including, if required, creation of individual Migration Orders from a list of individual transactions provided by an Access Seeker	S	Following notification by Chorus of completion of Order	None	<p>Price on Application (POA)</p> <p>Pricing to reflect underlying costs in additional resources and project management taking into account charges for each individual transfer or Migration</p>
1.6 Exception to BAU support	Project management and additional transaction resources for coordination of new connection and /or transfers and/or Migrations of Sub-loop MPF Service submitted for a one-off market event	S	Following notification by Chorus of completion of Order	None	<p>Price on Application (POA)</p> <p>Pricing to reflect underlying costs in additional resources and project management taking into account charges for each individual transfer or Migration</p>

Service component	Description	Core or Sundry	Charge invoiced	Price change mechanism	Charge (excl. GST)
1.7 Bulk line transfer or Migration for a single End User support	Project management and additional transaction resources for coordination of transfers or Migration of 10 or more Sub-loop MPFs for a single End User	S	Following notification by Chorus of completion of Order	None	Price on Application (POA) Pricing to reflect underlying costs in additional resources and project management taking into account charges for each individual transfer or Migration
1.8 Sub-loop MPF Relinquishment	Where the Access Seeker terminates supply of the Sub-loop MPF Service in respect of a particular Access Seeker's End User. This entails Chorus updating its records and billing. Chorus may either physically disconnect the MPF at any point between the Distribution Cabinet and the End User's premises or leave the MPF circuit intact	C	Following notification by Chorus of completion of Order	None	\$0.00
1.9 Sub-loop MPF Move Address	Project management of the coordinated Sub-loop MPF Relinquishment and Sub-loop MPF New Connection. The cost of the Sub-loop MPF Relinquishment and Sub-loop MPF New Connection is charged separately as outlined in other Service Components 1.1 and 1.8	S	Following notification by Chorus of completion of Order	Clause 3.1.1	\$8.34
1.10 UCLL MPF to Sub-loop MPF Move Address	Project management of the coordinated UCLL MPF Relinquishment and Sub-loop MPF New Connection. The cost of the UCLL MPF Relinquishment and Sub-loop MPF New Connection is charged separately as outlined in other service components 1.1, and 1.8 of the UCLL Price List	S	Following notification by Chorus of completion of Order	Clause 3.1.1	\$8.34
1.11 Sub-loop Tie Cable Service installation	Chorus installing the copper tie cable pairs used to connect the HDP on Chorus' Distribution Cabinet DF and the network cable to remotely located Access Seeker Equipment. Also includes installation of Splitters (if requested by the Access Seeker)	S	Following notification by Chorus of completion of Order	None	Price on Application (POA) Based on the cost of time and materials (including a 10% contribution towards common costs, unless already recovered)

2 Sub-loop UCLL Service Recurring Charges

Service component	Description	Core or Sundry	Charge invoiced	Price change mechanism	Charge (excl. GST)
2.1 Sub-loop MPF Service	Standard Monthly Rental	C	Monthly in advance from completion of Order	None	Year 1: \$15.52 Year 2: \$15.70 Year 3: \$15.89 Year 4: \$16.07 Year 5: \$16.26
2.2 Sub-loop Tie Cable Service space rental	Monthly space rental per cable for copper tie cable pairs used to connect the HDP on Chorus' DF and the network cable to remotely located Access Seeker Equipment	C	Monthly in advance from completion of Order	None	Year 1: \$2.72 Year 2: \$2.80 Year 3: \$2.87 Year 4: \$2.95 Year 5: \$3.04

3 Sub-loop UCLL Service Sundry Charges

Service component	Description	Core or sundry	Charge invoiced	Price change mechanism	Charge (excl. GST)
3.1 Unauthorised Automatic Address Pre-qualification Order	Order by an Access Seeker for the automatic provision of information relating to an End User's existing service address where the Access Seeker does not have End User authorisation to supply services to the End User's service address	S	Following provision of information	None	\$0.00
3.2 Authorised Automatic Address Pre-qualification Order	Order by an Access Seeker for the automatic provision of information relating to an End User's existing service address where the Access Seeker has obtained End User authorisation to supply services to the End User's service address	S	Following provision of information	None	\$0.00
3.3 Special Manual Pre-qualification Investigation Order	Order by an Access Seeker for information relating to an End User's new service address where the Access Seeker has obtained End User authorisation to supply services to the End User's service address	S	Following provision of information	Clause 3.1.1	\$119.40per hour
3.4 Manual Line Testing	Measurements performed by a special group of service company staff to ascertain actual rather than theoretical estimated Sub-loop MPF electrical characteristics, such as might be required when an estimated result has returned a value that is marginal for an intended service	S	Following completion of special investigation	Clause 3.1.1	\$119.40 per hour
3.5 Sub-loop MPF Tie Pair Change or Re-termination	A Sub-loop MPF pair change or re-termination requiring the change of jumpers or pair change at the Handover Distribution Point (HDP) to effect a port change	S	Following completion of re-termination	Clause 3.1.1	\$46.04
3.6 No Fault Found	Fault call that is closed 'no Chorus fault found'	S	Following completion of fault investigation	Clause 3.1.1	\$89.69
3.7 Third Party Interference Investigation	Detailed investigation where Access Seeker believes its utilisation of an Sub-loop MPF Service is being impaired by third party breach of Interference Management Plan. If the third party in breach is another Access Seeker the Charge will be paid by that Access Seeker. Otherwise Charge paid by the Access Seeker requesting the service	S	Following completion of investigation	None	Price on Application (POA) Basis for determining the charge is based on recovery of costs incurred (including 10% contribution towards common costs, unless already recovered)

Service component	Description	Core or sundry	Charge invoiced	Price change mechanism	Charge (excl. GST)
3.8 Abortive End User site visit	Abortive End User site visit where, for a reason not caused by Chorus, visit doesn't proceed	S	Following site visit cancellation	Clause 3.1.1	\$32.50
3.9 Cancellation of Bulk Transfer or Migration Service Request	Cancelled Bulk Transfer or Migration Service order		Following cancellation of Bulk Transfer or Migration service request	None	Price on Application (POA) Actual project costs incurred
3.10 Additional OO&T Training	Access Seeker staff training (at Access Seeker's site) on the operation and use of OO&T. Maximum of 10 persons per course	S	Following completion of training	Clause 3.1.1	\$59.60 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.
3.11 Additional OFM Training	Access Seeker staff training (at Access Seeker's site) on the operation and use of OFM. Maximum of 10 persons per course	S	Following completion of training	Clause 3.1.1	\$59.60 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.
3.12 OO&T License Fee	Monthly software license fee for OO&T	S	Monthly in advance	None	\$0.00
3.13 OFM License Fee	Monthly software license fee for OFM	S	Monthly in advance	None	\$0.00
3.14 Additional copies of invoice	Additional hardcopies of invoices as requested by Access Seeker	S	Following provision of additional copies of invoice	None	\$0.00
3.15 Additional billing information	Providing any additional billing information requested by the Access Seeker	S	On provision of the additional billing information	None	Price on Application (POA) Based on time and material of analyst to prepare and deliver information

Service component	Description	Core or sundry	Charge invoiced	Price change mechanism	Charge (excl. GST)
3.16 Sub-loop Tie Cable maintenance charge for the Sub-loop Tie Cable Service	Maintenance of the Sub-loop Tie Cable for the Sub-loop Tie Cable Service	S	Following completion of work	None	Price on Application (POA) Based on cost of time and materials (including a 10% contribution towards common costs, unless already recovered)
3.17 Fixing fault where Access Seeker has no right of access	Fixing of fault by Chorus, at Access Seeker's request, where Access Seeker is responsible for the fault, but has no right of access	S	On completion of fault rectification	None	Price on Application (POA) Based on cost of time and materials (including a 10% contribution towards common costs, unless already recovered)
3.18 Sub-loop MPF normalisation	Removal of loading coils and other network elements at the request of the Access Seeker	S	On completion of normalisation	None	Price on Application (POA) Based on cost of time and materials (including a 10% contribution towards common costs, unless already recovered)
3.19 Sub-loop Grooming	Grooming within a Distribution Cabinet at the request of the Access Seeker	S	Following completion of work	None	Price on Application (POA) Based on cost of time and materials (including a 10% contribution towards common costs, unless already recovered)