



COMMERCE COMMISSION

**STANDARD TERMS DETERMINATION FOR CHORUS' UNBUNDLED
COPPER LOCAL LOOP NETWORK SERVICE**

**SCHEDULE 4
UCLL OPERATIONS MANUAL
PUBLIC VERSION**

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PART 1 - DOCUMENT INFORMATION

1 Introduction

1.1 Purpose	1.1.1 This Operations Manual (Manual) is part of the UCLL Terms and sets out the operational procedures for supply of the UCLL Service.
1.2 Relationship with the UCLL Terms	1.2.1 This Manual should be read in conjunction with the other documents which make up the UCLL Terms, in particular the UCLL General Terms.
1.3 Change Mechanism and Distribution	1.3.1 This Manual may be changed in accordance with the change mechanism set out in section 10 of the UCLL General Terms.
	1.3.2 Chorus will make the current version of this Manual available on a Chorus website accessible by the Access Seeker.
	1.3.3 Chorus will review this Manual every second year with the first review commencing on the second anniversary of the Determination Date (or earlier if requested by the Access Seeker and an earlier review is agreed by Chorus). The same change mechanism (set out in section 10 of the UCLL General Terms) will apply to any changes proposed by Chorus as a result of any review.
1.4 Definitions	1.4.1 References to clauses or sections are references to clauses or sections in this Manual unless expressly provided otherwise. The Glossary (Appendix A) sets out definitions for terms contained in this Manual that are not defined in the UCLL General Terms. Otherwise, the definitions set out in the UCLL General Terms apply.

2 People and Contact Details

2.1 General	2.1.1 Immediately following the Access Date, the Access Seeker and Chorus must provide each other with the people and contact details set out in clause 2.2. Any change to the people or contact details must be advised in writing to the other party's principal point of contact. All people and contact details will remain valid until a party has advised the other in writing of a change (and provided an updated list of people and contact details). In addition to the people and contact details provided, where Chorus details are specified in the body of this Manual, the Access Seeker must use those details.
	2.1.2 If for any reason a party is prevented from giving any Notice pursuant to the UCLL Terms to the relevant person or contact advised by the other party, the same Notice may be given to the other party's principal point of

contact. If for any reason the other party's principal point of contact is unavailable or his or her identity and contact details have not been advised, the same Notice may be given by serving it either:

- (a) at the other party's contact address for giving Notice under the UCLL Terms; or
- (b) personally (if the other party is a natural person); or
- (c) at the other party's registered office (if the other party is incorporated).

2.2 People and Contact Details

<i>Contact and detail required</i>	<i>Purpose</i>
<p><i>Both parties provide</i></p> <p>Contact address for giving Notice under the UCLL Terms. (This must include a street address and a fax number.)</p>	<p>This is the street address and fax number that Notices can be sent to under the UCLL Terms by the other party.</p>
<p><i>Both parties provide</i></p> <p>Principal point of contact. (This must include the principal point of contact's email address, mobile and work telephone numbers.)</p>	<p>This is the person responsible for the overall relationship between the parties with respect to the UCLL Service. For Chorus this will usually be the account manager for the relevant Access Seeker.</p>
<p><i>Chorus only provides</i></p> <p>Service Delivery Manager. (This must include the Service Delivery Manager's email address, mobile and work telephone numbers.)</p>	<p>This is the person responsible for service delivery of the UCLL Service to the Access Seeker.</p>
<p><i>Chorus only provides</i></p> <p>Provisioning manager. (This must include the provisioning manager's email address, mobile and work telephone numbers.)</p>	<p>This is the person responsible for the provisioning of the UCLL Service to the Access Seeker.</p>
<p><i>Access Seeker only provides</i></p> <p>Provisioning and forecasting manager. (This must include the provisioning and forecasting manager's email address, mobile and work telephone numbers.)</p>	<p>This is the Access Seeker's counterpart to the Chorus provisioning manager.</p>

Access Seeker only provides

Email address for Chorus to send cabinetisation forecasts.

This is the email address to which Chorus will send the cabinetisation forecasts described in section 7 below.

Access Seeker only provides

Names and email addresses of one or two people to become OO&T user administrators.

These people will manage the creating and disabling of Access Seeker staff accounts to access the OO&T website.

Access Seeker only provides

People who are authorised to download eBill files.

These are the people who will be set up with access to Chorus' secure HTTP site from which the Access Seeker's eBills can be viewed and downloaded.

Access Seeker only provides

People who are authorised to download the UCLL Price List file.

These are the people who will be set up with access to Chorus' secure HTTP site where the UCLL Price List file can be viewed and downloaded.

Access Seeker only provides

Order confirmation email address.

This is the email address to which Chorus will send confirmation of Orders in cases where the Access Seeker has submitted a provisioning request via email.

Chorus only provides

Fault reporting contact details. (This must include an 0800 fault reporting service number.)

These are the contact details the Access Seeker must use for the reporting of faults in instances where Chorus has advised that OFM is unavailable under clause 10.3.6 below.

Chorus only provides

Business continuity email address.

This is the email address to send forms to under clause 8.1.28.

Chorus only provides

Billing team email address.

This is the email address to which the Access Seeker will send billing queries under clause 12.3 below.

<i>Access Seeker only provides</i> Name, email address, mobile and work telephone number of person Chorus should respond to for billing queries.	This is the email address to which Chorus will respond in relation to billing queries.
<i>Access Seeker only provides</i> Contact with respect to faults - name, email address, mobile and work telephone numbers.	This is the contact Chorus will deal with in respect of faults.
<i>Access Seeker only provides</i> Contact for UCLL Service Performance Reports. (This must include a name, email address and mobile and landline telephone numbers.)	This is the contact to whom Chorus will send the UCLL Service Performance Reports.

3 Technical Manuals and User Guides

3.1 General

- 3.1.1 This Manual refers to various technical manuals (including published New Zealand and international standards) and user guides that contain technical and procedural detail. Such reference is necessary for both the Access Seeker and Chorus so that:
- (a) uniform standards of best practice are set;
 - (b) the performance of the Local Loop Network is maintained;
 - (c) the health and safety of the Access Seeker's and Chorus' employees, contractors and other agents can be protected;
 - (d) systems are in place for the management of outages, faults and any work the Access Seeker or Chorus need to undertake; and
 - (e) the Access Seeker's and Chorus' employees, contractors and other agents have access to uniform technical instructions.
- 3.1.2 To the extent that this Manual creates any obligation to comply with a technical manual or user guide, the Access Seeker and Chorus must:
- (a) apply the technical manual or user guide in good faith;
 - (b) interpret the technical manual or user guide consistently with the UCLL Terms; and
 - (c) comply with the technical and/or procedural detail the technical manual or user guide contains.
- 3.1.3 Electronic copies of all the relevant technical manuals and user guides will be made available to the Access Seeker as soon as practicable after the Access Date or following a earlier request from the Access Seeker.

4 Good Faith and Dispute Resolution

4.1 General

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- 4.1.1 The parties will deal with each other in good faith in relation to this Manual. The parties will act co-operatively and in good faith to facilitate the procedures required for supply of the UCLL Service.
- 4.1.2 Any dispute, question or difference (including a dispute, question or difference under clause 3 above) that arises between the parties must be dealt with in accordance with the Escalation Protocol in Appendix B. The parties must use all reasonable endeavours to resolve the issue in this way before giving a Dispute Notice under section 39 of the UCLL General Terms.
- 4.1.3 In some parts this Manual provides that any Dispute in relation to a particular issue will be of a technical, operational or implementational nature which requires significant investigation of factual matters, and therefore, in the event of a Deadlock, must be resolved by an expert determination. However, nothing in this Manual will prevent the Access Seeker or Chorus from seeking any remedies available under the Act.

5 Prerequisites

5.1 Overview

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- 5.1.1 In addition to the commercial prerequisites set out in section 7 of the UCLL General Terms, the Access Seeker must satisfy the following operational prerequisites in relation to the UCLL Service. The Access Seeker may, at its option, enter into a non-disclosure agreement with Chorus covering discussions prior to placing an Order for the UCLL Service (but neither Chorus nor the Access Seeker will be under any obligation to do so).

5.2 Operational

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- 5.2.1 Prior to placing the first Forecast with Chorus, Chorus must have granted to the Access Seeker, and the Access Seeker has verified it has access to, the Chorus operational support systems required for the provision of the UCLL Service Forecasts, namely the secure UCLL web portal (this is required in order to download soft copies of the Forecasting Spreadsheet).
-
- 5.2.2 Prior to placing its first Order with Chorus in relation to any Exchange, the following prerequisites must be met:
- (a) Chorus has granted to the Access Seeker, and the Access Seeker has verified it has access to, Chorus' Operational Support Systems required for the provision for the UCLL Service, including:
 - (i) the UCLL Pre-qualification system;
 - (ii) Chorus' online ordering and tracking system (**OO&T**); and

- (iii) Chorus' online fault management system (**OFM**);
- (b) the Access Seeker must have the capability at the required Exchange to access and interconnect with the Local Loop Network (whether by co-locating its equipment at the Exchange or otherwise); and
- (c) the Access Seeker must have submitted a Forecast for the relevant Forecast Cluster.

PART 2 - FORECASTING

6 Access Seeker Forecasting

6.1 Access Seeker Forecasting

Overview

- 6.1.1 The Access Seeker must use all reasonable endeavours to provide Chorus with Forecasts of the volumes of its expected Orders as outlined in clauses 6.1.9, 6.1.10, 6.1.13, 6.1.14 and 6.1.19 below.
- 6.1.2 There are four Forecast types that Access Seekers must provide:
- (a) Bulk Transfer Forecasts;
 - (b) BAU Forecasts;
 - (c) Exception to BAU Forecasts and
 - (d) Remote Tie Cable Forecasts.
- 6.1.3 A Forecasting Template will be provided by Chorus with a separate worksheet for each Forecast type. The Forecasting Template will be published on a Chorus website and available at the time the Forecast is required. Each time the Access Seeker is required to submit a Forecast, it must email to Chorus a copy of the Forecasting Template with all information in the relevant worksheets completed in full. Chorus may update the Forecasting Template from time to time as may reasonably be necessary or appropriate for providing the UCLL Service. In the event that Chorus updates the Forecasting Template, it will email a copy of the updated Forecasting Template to the Access Seeker's provisioning and forecast manager 20 Working Days prior to the date on which forecast managers will be expected to make use of the revised Forecasting Template, and update the Forecasting Template on its website.
- 6.1.4 Where the Access Seeker fails to submit the required BAU Forecasts, Chorus will use all reasonable endeavours to process any relevant orders but there will be no requirement for Chorus to meet the Service Levels in respect of the services or transactions to which the missing Forecast should have related.

Bulk Transfer Forecasts

Definition of Bulk Transfer

- 6.1.5 A Bulk Transfer is the transfer, in a coordinated manner, of 20 or more MPFs or 20 or more End Users onto services based on the UCLL Service supplied to the Access Seeker. Bulk Transfer involves a number of MPF Transfer Orders and/or Other Service to MPF Transfer Orders that may

need to be synchronised, and resources co-ordinated, in order to meet the specific requirements of the Access Seeker and may involve dedicated or additional resource at the Exchange.

6.1.6 Subject to clause 6.1.7 there are three circumstances where an Access Seeker may request a Bulk Transfer:

- (a) initial migration of the Access Seeker's End Users from other Chorus provided services to the UCLL Service;
- (b) subsequent Bulk Transfers as Access Seekers build End Users on other Chorus provided services, and then migrate them to the UCLL Service; and
- (c) transfers of End Users between an Other Service Provider and the Access Seeker as the result of a mass acquisition.

6.1.7 Bulk Transfers:

- (a) must be a planned and managed event with representatives from Chorus, the Access Seeker (and in the case of Bulk Transfers as the result of mass acquisition, the Losing Service Provider) working through an agreed process;
- (b) must involve End Users all fed from the same Exchange;
- (c) must not include new End User connections (i.e. End Users that were not End Users of either the Access Seeker or, in the case of Bulk Transfers as the result of a mass acquisition, the Losing Service Provider, prior to the Bulk Transfer);
- (d) must not include MPF Move Address or MPF Relinquishment Orders; and
- (e) must not include any requests for additional services on an MPF as part of the process.

6.1.8 Bulk Transfers are carried out in accordance with an agreed plan and are not subject to the Service Levels set out in the SLA.

Forecasting Requirements

6.1.9 For any proposed Bulk Transfer the Access Seeker must submit to Chorus a Bulk Transfer Forecast at least three months and two Working Days before the first day of the month in which the Access Seeker requests the Bulk Transfer to commence. The date the Access Seeker requests the Bulk Transfer to commence is referred to below as MPF Day Zero. Further, more detailed Bulk Transfer Forecasts for that Bulk Transfer must then be submitted:

- (a) two months and two Working Days before the first day of the

month of MPF Day Zero; and

- (b) one month and two Working Days before the first day of the month of MPF Day Zero.

An Access Seeker can request a Bulk Transfer of less than the 20 lines specified in clause 6.1.5, however the transfer must be a planned and managed event in accordance with clause 6.1.7(a). The Access Seeker must forecast a Bulk Transfer of less than the 20 lines along with other Bulk Transfer of 20 lines or more noting that Chorus will charge for this managed service and below 20 lines there will be no economies of scale in the transfer fee.

6.1.10 The detail required in the Bulk Transfer Forecasts increases as MPF Day Zero is approached. All Bulk Transfer Forecasts must contain all of the information indicated in the relevant worksheet of the Forecasting Template and must include the date the Bulk Transfer Forecast is submitted, the date of MPF Day Zero and the Exchange at which the Bulk Transfer is to take place. In addition:

- (a) the Bulk Transfer Forecast submitted three months and two Working Days before the first day of the month of MPF Day Zero must show the number of proposed MPF Transfer Orders and Other Service to MPF Transfer Orders at each Exchange for the month of MPF Day Zero;
- (b) the Bulk Transfer Forecast submitted two months and two Working Days before the first day of the month of MPF Day Zero must show the number of proposed MPF Transfer Orders and Other Service to MPF Transfer Orders at each Exchange for each week in the month of MPF Day Zero; and
- (c) the Bulk Transfer Forecast submitted one month and two Working Days before the first day of the month of MPF Day Zero must show the number of proposed MPF Transfer Orders and Other Service to MPF Transfer Orders at each Exchange for each Working Day in the month of MPF Day Zero.

BAU Forecasts

Definition

6.1.11 BAU Forecasts involve the ongoing normal forecasting of any of the following categories of Orders and Sub-loop UCLL Service orders: (i) UCLL and/or UCLF MPF New Connection Orders, UCLL and/or UCLF MPF Transfer Orders and Other Service to UCLL and/or UCLF MPF Transfer Orders; and (ii) Sub-loop MPF New Connection Orders, Sub-loop MPF Transfer Orders and Other Service to Sub-loop MPF Transfer Orders (if any).

6.1.12 Bulk MPF transfer for a single End User as part of the UCLL Service is considered part of BAU Forecasting. However, Access Seekers may, at their cost, request additional capacity to support the business customer situation where there are multiple lines to be transferred in a coordinated manner (provided at least 10 lines are involved). Where Access Seekers wish to make such a request, they should contact their Chorus Service Delivery Manager. Chorus and the Access Seeker will agree any additional capacity required. Any additional capacity will be charged for in accordance with the UCLL Price List.

Forecasting Requirements

6.1.13 (a) The Access Seeker must each month submit to Chorus a BAU Forecast of its expected volumes of each of the following:

- (i) UCLL and/or UCLF MPF New Connection Orders;
- (ii) UCLL and/or UCLF MPF Transfer Orders;
- (iii) Other Service to UCLL and/or UCLF MPF Transfer Orders;
- (iv) Sub-loop MPF New Connection Orders;
- (v) Sub-loop MPF Transfer Orders; and
- (vi) Other Service to Sub-loop MPF Transfer Orders,

at each Forecast Cluster for each month in the following 12 month BAU Forecast period. BAU Forecasts are therefore rolling forecasts that are submitted each month. For the avoidance of doubt, the Access Seeker is (a) not required to submit BAU Forecasts for subclauses (iv) to (vi) where the Access Seeker is not an Access Seeker for the Sub-loop UCLL Service or BAU Forecasts for UCLF Orders for subclauses (i) to (iii) where the Access Seeker is not an Access Seeker for the UCLF Service; or (b) not required to submit BAU Forecasts in accordance with the Sub-loop UCLL Operations Manual.

(b) Joint BAU Forecasts for the UCLL Service, the Sub-loop UCLL Service and the UCLF Service under this clause 6.1.13 and any other joint forecasts required by this Manual:

- (i) are designed to reduce compliance costs for Access Seekers and Chorus, because Access Seekers are required to produce a combined forecast for the UCLL Service, the Sub-loop UCLL Service and the UCLF Service, where applicable; and
- (ii) must comply with the terms and conditions of the operations manual of the relevant standard terms determination to which the Forecast relates (being this Manual, the Sub-loop UCLL Operations Manual and the

UCLF Operations Manual).

- 6.1.14 Each BAU Forecast must be provided at least one month and two Working Days before the start of the 12 month BAU Forecast period to which it relates. A BAU Forecast must contain all of the information indicated in the relevant worksheet of the Forecasting Template including the date it is submitted to Chorus.

Exception to BAU Forecasts

Definition

- 6.1.15 These are Forecasts of MPF New Connection Orders, MPF Transfer Orders, and Other Service to MPF Transfer Orders submitted for a one-off market event and have the following characteristics:
- (a) they are separate from (and in excess of) BAU Forecasts; and
 - (b) they may require increased resource at the Exchange.
- 6.1.16 The key requirement is for Chorus to provide a capability such as a 'Rapid Response' churn of End Users, resulting from initiatives such as a door knock selling campaign, whereby MPF New Connection Orders, MPF Transfer Orders, and Other Service to MPF Transfer Orders can be processed immediately and service swung over in a relatively short timeframe.
- 6.1.17 The additional capacity required to meet the requirements of an Exception to BAU Forecast will be agreed by Chorus and the Access Seeker. Any additional capacity will be charged for at the price determined in accordance with the UCLL Price List.
- 6.1.18 Exception to BAU Orders are not subject to the Service Levels as defined in the SLA. The earlier the Access Seeker's Exception to BAU Forecast is submitted to Chorus, the more likely it will be that Chorus will be able to provide capability that meets the Access Seeker's requirements.

Forecasting Requirements

- 6.1.19 For any proposed Exception to BAU Order, the Access Seeker must submit to Chorus an Exception to BAU Forecast at least three months and two Working Days before the first Working Day of the month in which the Access Seeker requests the Exception to BAU to commence. The date the Access Seeker requests the Exception to BAU to commence is referred to below as Exception to BAU Day Zero. Further, more detailed Exception to BAU Forecasts for that Exception to BAU must then be submitted:
- (a) two months and two Working Days before the first day of the month of Exception to BAU Day Zero; and
 - (b) one month and two Working Days before the first day of the month

of Exception to BAU Day Zero.

6.1.20 The detail required in the Exception to BAU Forecasts increases as Exception to BAU Day Zero is approached. All Exception to BAU Forecasts must contain all of the information indicated in the relevant worksheet of the Forecasting Template and must include the date the Exception to BAU Forecast is submitted, the date of Exception to BAU Day Zero and the Forecast Cluster at which the Exception to BAU Order is to take place. In addition:

- (a) the Exception to BAU Forecast submitted three months and two Working Days before the first day of the month of Exception to BAU Day Zero must show the number of proposed MPF New Connection Orders, MPF Transfer Orders and Other Services to MPF Transfer Orders at each Exchange Cluster for the month of Exception to BAU Day Zero;
- (b) the Exception to BAU Forecast submitted two months and two Working Days before the first day of the month of Exception to BAU Day Zero must show the number of proposed MPF New Connection Orders, MPF Transfer Orders and Other Service to MPF Transfer Orders at each Forecast Cluster for each week in the month of Exception to BAU Day Zero; and
- (c) the Exception to BAU Forecast submitted one month and two Working Days before the first day of the month of Exception to BAU Day Zero must show the number of proposed MPF New Connection Orders, MPF Transfer Orders and Other Service to MPF Transfer Orders at each Forecast Cluster for each Working Day in the month of Exception to BAU Day Zero.

Remote Tie Cable Forecasts

Definition

6.1.21 Remote Tie Cable Forecasts involve the monthly forecasting of Remote Tie Cable Service Orders. Only one Remote Tie Cable Forecast is required for Tie Cables associated with either the UCLL Service or the UCLF Service. Forecasts for Intra-Exchange Tie Cables are provided as part of the Co-location Forecasts described in the UCLL and UCLF Co-location Operations Manual.

Forecasting Requirements

6.1.22 The Access Seeker must each month submit to Chorus a Remote Tie Cable Forecast of its expected volumes of Remote Tie Cable Orders at each Exchange for each month in the following 12 month Tie Cable Forecast period. Remote Tie Cable Forecasts are therefore rolling forecasts that are submitted each month.

- 6.1.23 Each Remote Tie Cable Forecast must be provided at least one month and two Working Days before the start of the 12 month Remote Tie Cable Forecast period to which it relates. A Remote Tie Cable Forecast must contain all of the information in the relevant worksheet of the Forecasting Template including the date it is submitted to Chorus.

Forecasting Submission

Forecasting Submission Process

- 6.1.24 Each Forecast will be emailed to the email address advised by Chorus from time to time.
- 6.1.25 The Access Seeker will ensure each Forecast is as accurate as possible.
- 6.1.26 The Access Seeker will ensure that each Forecast is received by the dates specified above, as applicable.
- 6.1.27
- (a) Chorus may make a reasonable request of the Access Seeker to provide additional information relating to a Forecast already provided. The Access Seeker must prepare the requested information with reasonable care and provide the information promptly.
 - (b) The Access Seeker's Forecast is Confidential Information for the purposes of section 34 of the UCLL General Terms. For the avoidance of doubt, where the Access Seeker's Forecast includes a Forecast in respect of the Sub-loop UCLL Service or the UCLF Service, that Forecast also qualifies as Confidential Information for the purposes of section 31 of the General Terms of the Sub-loop Services Standard Terms Determination, section 33 of the General Terms of the UCLL Standard Terms Determination and section 33 of the UCLF Standard Terms Determination, as relevant.

BAU Underforecast/overforecast

- 6.1.28 An Access Seeker may forecast any level of BAU Orders it considers appropriate subject to this section 6. The intent of the following provisions is to progressively increase the accuracy of forecasts and to limit variations in Forecasts during the 12 month period of BAU Forecasts leading up to the Order Month.
- 6.1.29 In this clause 6.1:
- (a) "All Orders" means together, (i) MPF New Connection Orders, MPF Transfer Orders and Other Service to MPF Transfer Orders; and where joint forecasting is required by this Manual; (ii) UCLF MPF New Connection Orders, UCLF MPF Transfer Orders and Other Service to UCLF MPF Transfer Orders; (iii) Sub-loop MPF New

Connection Orders, Sub-loop MPF Transfer Orders, Other Service to Sub-loop MPF Transfer Orders (if any);

- (b) “Previous Forecast” means the total of All Orders forecasted for the relevant Order Month in the BAU Forecast submitted in respect of the previous month;
- (c) “Order Month” means the month in which All Orders are made, or which forecasts relate to, as applicable;
- (d) “Order Volume” means the total volume of All Orders forecasted by the Access Seeker;
- (e) “Month [x]” means the month that is x months before the relevant Order Month. For example, Month 2 means the month that is two months before the relevant Order Month.

6.1.30 BAU Forecasts submitted in respect of Months 1 and 12 shall include forecast of All Orders on a per Forecast Cluster basis. An Access Seeker must submit BAU Forecasts for months 7 to 12 even though BAU Forecasts for these months are not governed by clause 6.1.31. Where the Access Seeker is aware that volume is not likely to be evenly distributed within any Forecast Cluster over the month or across weeks within the month, BAU Forecasts submitted in respect of:

- (a) Month 2 shall include Forecasts of All Orders on a per week, per Forecast Cluster basis across all Forecast Clusters; and
- (b) Month 1 shall include Forecasts of All Orders on a per day, per Forecast Cluster basis across all Forecast Clusters.

for the Order Month.

6.1.31 Where the Access Seeker provides a BAU Forecast of 10 or more connections for any Order Month, the Order Volume for that Order Month must be:

- (a) where the BAU Forecast is for Month 6 or Month 5 (inclusive) (in this paragraph (a), “relevant month”) no greater than 120% and no less than 80% of the total of the Previous Forecast (if any); and where the Order Volume for the relevant month is:

- (i) greater than 120%; or
- (ii) less than 80%

of the Previous Forecast (or deemed to be forecasted under this clause 6.1.31), then the BAU Forecast submitted in respect of the relevant month will be deemed to be a forecast for an amount of All Orders equal to:

- (iii) 120% of the total of the All Orders forecasted where

paragraph (i) above applies; or

- (iv) 80% of the total of the All Orders forecasted where paragraph (ii) above applies;

- (b) where the BAU Forecast is for Month 4 or Month 3 (inclusive) (in this paragraph (b), “relevant month”), no greater than 115% and no less than 85% of the Previous Forecast; and where the Order Volume for that Order Month is:

- (i) greater than 115%; or
- (ii) less than 85%

of the Previous Forecast (or deemed to be forecasted under this clause 6.1.31), then the BAU Forecast submitted in respect of the relevant month will be deemed to be a forecast for an amount of All Orders equal to:

- (iii) 115% of the total of the All Orders forecasted where paragraph (i) above applies; or
- (iv) 85% of the total of the All Orders forecasted where paragraph (ii) above applies;

- (c) where the BAU Forecast is for Month 2 (in this paragraph (c), “relevant month”), no greater than 110% and no less than 90% of the Previous Forecast, per Forecast Service Area and where the Order Volume for the relevant month for a Forecast Service Area is:

- (i) greater than 110%; or
- (ii) less than 90%

of the Previous Forecast for that Forecast Service Area (or deemed to be forecasted under this clause 6.1.31), then the BAU Forecast submitted in respect of the relevant month will be deemed to be a forecast for an amount of All Orders equal to:

- (iii) 110% of the total of the All Orders forecast for that Forecast Service Area where paragraph (i) above applies; or
- (iv) 90% of the total of the All Orders forecast for that Forecast Service Area where paragraph (ii) above applies

- (d) Where the BAU Forecast is for Month 1 (in this paragraph (d), “relevant month”), no greater than 105% and no less than 95% of the Previous Forecast, per Forecast Service Area and where the Order Volume for the relevant month for a Forecast Service Area is:

- (i) greater than 105%; or
- (ii) less than 95%

of the Previous Forecast for that Forecast Service Area (or deemed to be forecasted under this clause 6.1.31), then the BAU Forecast submitted in respect of the relevant month will be deemed to be a forecast for an amount of All Orders equal to:

- (iii) 105% of the total of the All Orders forecast for that Forecast Service Area, where paragraph (i) above applies; and
- (iv) 95% of the total of the All Orders forecast for that Forecast Service Area, where paragraph (ii) above applies.

Chorus will notify the Access Seeker of the deeming effects of paragraphs (a) to (d) and the reallocation provisions of paragraph (f) of this clause 6.1.31 so that the Access Seeker is aware of its then current BAU Forecast for a month.

6.1.32 The volume of All Orders actually made in an Order Month should be no greater than 105% or no less than 95% of the Previous Forecast per Forecast Service Area, and in the case of each day of the Order Month per Forecast Service Area:

- (a) no greater than 130% of the Forecast submitted in respect of Month 1 for that same day of the Forecast Service Area, if such Forecast is submitted in accordance with clause 6.1.30(b); or
- (b) if no such Forecast is submitted for that same day in accordance with clause 6.1.30(b), no greater than 130% of the average daily forecast of Month 1 (i.e. when the Forecast for Month 1 is divided by the number of Working Days in the month and rounded to the nearest whole number) for the Forecast Service Area.

The +/-5% is the “tolerance level”, and the +30% is the “daily tolerance level”. If the tolerance level for a Forecast Service Area is exceeded, the provisions of clause 6.1.33 or 6.1.34 apply.

6.1.33 Where the volume of All Orders actually made (excluding those orders that have been cancelled or rejected as at the end of the month) by the Access Seeker for an Order Month for a Forecast Area is less than 95% of the Previous Forecast for that Forecast Service Area (or deemed to be forecasted under clause 6.1.31) for that Order Month (“Overforecast”) then, if requested by Chorus, the Access Seeker will pay to Chorus the sum of \$20 per order for each of the All Orders which fall between All Orders actually made and the 95% threshold (the “Overforecast Reimbursement”), unless the Access Seeker has paid the Overforecast Reimbursement under another determination.

6.1.34 Where the volume of All Orders actually made (excluding those orders

that have been cancelled or rejected as at the end of the month) by the Access Seeker for an Order Month for a Forecast Service Area is greater than 105% of the Previous Forecast for that Forecast Service Area (or deemed to be forecasted under clause 6.1.31) for that Order Month (“Underforecast”), then there will be no requirement for Chorus to meet the relevant service levels to the extent that they relate to Orders within the volume of All Orders that exceed the 105% threshold that applies.

6.1.35 Where the volume of All Orders actually made (excluding those orders that have been cancelled or rejected as at the end of the month) for a day of an Order Month for Forecast Service Area (in this clause 6.1.35, “the relevant day”):

- (a) Is greater than 130% of the Forecast submitted in respect of Month 1 for that same day for the Forecast Service Area, if such Forecast is submitted in accordance with clause 6.1.30(b); or
- (b) if no such Forecast is submitted for that same day in accordance with clause 6.1.30(b), is no greater than 130% of the average daily forecast of Month 1 (i.e. when the Forecast for Month 1 is divided by the number of Working Days in the month and rounded to the nearest whole number) for the Forecast Service Area;

(“Excess Orders”),

there will be no requirement for Chorus to meet the Service Levels set out in the SLA to the extent that they relate to Orders that are Excess Orders.

6.1.36 To the extent that clause 6.1.34 or 6.1.35 applies, and so far as is practicable, Chorus will consult with the Access Seeker about any All Orders actually made during a week of a month that:

- (a) exceed the Month 1 BAU Forecast; or
- (b) exceed the daily tolerance level (as described under clause 6.1.32).

6.1.37 Chorus will notify the Access Seeker of:

- (a) any sum claimed by Chorus in respect of any Overforecast under clause 6.1.33; and
- (b) the extent to which Chorus was unable to meet the Service Levels in the SLA as the result of any Underforecast or any Excess Orders in accordance with clauses 6.1.34 or 6.1.35.

6.1.38 The parties acknowledge that:

- (a) for the purposes of clauses 6.1.30 to 6.1.31, a Forecast “in respect” of a month shall in practice be submitted 1 month and 2 Working Days before that month;

- (b) where the volume of All Orders actually made (as calculated at the end of the Order Month) by the Access Seeker for a Forecast Service Area for an Order Month as compared against the Previous Forecast for that Forecast Service Area (or deemed to be forecasted under clause 6.1.31) for that Order Month has a variance of less than 10, the consequences for inaccurate forecasting set out in clauses 6.1.33 to 6.1.34 will not apply; and
- (c) where the volume of All Orders actually made (as calculated at the end of the Order Month) by the Access Seeker for a Forecast Service Area for an Order Month is less than 10, the consequences for inaccurate forecasting set out in clause 6.1.35 will not apply.

6.1.39 Until the Access Seeker has provided at least two consecutive months of monthly BAU Forecasts, Chorus will use all reasonable endeavours to process any Orders but there will be no requirement for Chorus to meet the relevant Service Levels set out in the SLA.

7 Cabinetisation Forecasting

7.1 Cabinetisation Forecasting

-
- 7.1.1 Chorus will provide the Access Seeker a written rolling three year cabinetisation forecast in accordance with section 38 of the UCLL General Terms.
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PART 3 – PROVISIONING

8 Provisioning

8.1 OO&T

Overview

- 8.1.1 Subject to the provisions below relating to business continuity all Access Seeker Orders for the UCLL Service must be placed using OO&T. Any Orders that the Access Seeker attempts to place by other means (for example, by email or by fax) will be invalid and may be disregarded by Chorus. If an Access Seeker does place an invalid Order Chorus will use all reasonable endeavours to notify the Access Seeker if such Orders have been received.
- 8.1.2 OO&T allows the Access Seeker to:
- (a) submit and track the status of Orders; and
 - (b) update existing Orders (up to the time they are accepted).
- 8.1.3 Access Seekers requesting:
- (a) Bulk transfer for a single End User as described in clause 6.1.12; or
 - (b) Exception to BAU Orders as described in clauses 6.1.15 and 6.1.16, must contact their Chorus Service Delivery Manager to agree what additional capacity is required, how Orders relating to that capacity will be processed, and how the additional capacity will be delivered.
- 8.1.4 Access Seekers requesting Bulk Transfers as described in clauses 6.1.5 to 6.1.8 or the Remote Tie Cable Service must, prior to submitting Orders through OO&T, contact their Chorus Service Delivery Manager, to begin discussing the relevant details.

Terms of Provision

- 8.1.5 OO&T is a Chorus System provided by Chorus in accordance with the UCLL General Terms and this Manual.

B2B

- 8.1.6 The Access Seeker can choose to directly integrate its systems with OO&T via the OO&T Business to Business Web Services Interface (**B2B**). If the Access Seeker is interested in B2B it can contact its account manager for documentation describing the development required to interact with B2B. A trial agreement must be signed before access to a test site, after which an Integration Access Agreement is required to be executed prior to migrating to a production instance.

Training and Support

- 8.1.7 Chorus will provide reasonable initial set up training on OO&T.
- 8.1.8 "Reasonable initial set up training" in this context consists of a workshop held at a Chorus location. The workshop will address:
- (a) overview of forms for forecasting;
 - (b) overview of forms for ordering;
 - (c) basic details of the OO&T system (including demonstration of the system);
 - (d) overview of billing and accounts; and
 - (e) Q&A.
- 8.1.9 The Access Seeker will ensure that a reasonable number of staff (up to a maximum number of 10) attend any training provided.
- 8.1.10 Any additional training required by the Access Seeker beyond reasonable initial set up training will be charged for by Chorus in accordance with the UCLL Price List.

Access to OO&T

Description of OO&T

- 8.1.11 OO&T allows the Access Seeker to log on to a secure site for placing and monitoring Orders with Chorus.

Access for Authorised Personnel

- 8.1.12 The Access Seeker will provide Chorus with the names of one or two people to become OO&T user administrators. These people will then manage the creating and disabling of Access Seeker staff accounts to access OO&T.
- 8.1.13 On request from the Access Seeker, Chorus will reset, disable or alter the user administrator accounts.

Right to Restrict or Prohibit Use of OO&T

- 8.1.14 Subject to clause 8.1.15, Chorus reserves the right to restrict or prohibit access to OO&T if any of the Access Seeker's staff or systems:
- (a) perform malicious or unintentional actions that damage or may potentially damage OO&T; or

- (b) use OO&T in an unauthorised manner or in such a way that causes or may cause material performance issues,

provided that Chorus will restrict or prohibit access to the minimum extent practicable to protect OO&T and any related system.

- 8.1.15 Chorus must use all reasonable endeavours to provide the Access Seeker with reasonable prior Notice of such restrictions or prohibitions. Where this is not practicable in the circumstances, Chorus will give the Access Seeker Notice of the restriction or prohibition as soon as practicable after the event.

Additional Functionalities or Enhancements to OO&T

- 8.1.16 Where Chorus creates any additional functionality within OO&T or makes any enhancement to it, Chorus will give Notice to the Access Seeker. The Access Seeker will modify its own provisioning systems and/or operational procedures to the extent required. Chorus must consult with the Access Seekers before notifying Access Seekers of any additional functionality or enhancements to OO&T which affect the use of OO&T in relation to the UCLL Service.

- 8.1.17 The Access Seeker will utilise the additional functionalities or enhancements to OO&T as notified by Chorus from the date specified in Chorus' Notice (at the latest).

- 8.1.18 The Access Seeker is responsible for ensuring that its own systems are configured in accordance with its use of OO&T and complies with the requirements in the Chorus Web Services Interface Software Development Kit and the OO&T User Guide (reference ASD-001).

Costs

Chorus Costs

- 8.1.19 Chorus will be solely responsible for Chorus' costs of designing and developing OO&T, including any modifications and enhancements.

Access Seeker's Costs

- 8.1.20 The Access Seeker will be solely responsible for the costs of modifying its systems to interface with OO&T and B2B and for participating in the consultation and implementation process.

OO&T Fees

- 8.1.21 Chorus will charge a monthly licence fee for OO&T as set out in the UCLL Price List.

Terms of Use

Use of OO&T

8.1.22 The Access Seeker must only use OO&T for purposes authorised by Chorus.

Availability

8.1.23 Chorus will use all reasonable endeavours to ensure that OO&T is available to Access Seekers 24 hours a day, 7 days a week.

8.1.24 Although Chorus intends to take reasonable steps to prevent the introduction of viruses or other destructive features to OO&T, Chorus does not guarantee that it is free of such viruses or other destructive features.

Business Continuity

8.1.25 If Chorus advises the Access Seeker OO&T is unavailable the Access Seeker may submit provisioning requests by emailing the relevant form to Chorus as outlined below.

8.1.26 Chorus will make the following business continuity forms available to the Access Seeker:

- (a) Pre-qualification form;
- (b) MPF New Connection form;
- (c) MPF Transfer form;
- (d) Other Service to MPF Transfer form;
- (e) Bulk Transfer form;
- (f) MPF Relinquishment form;
- (g) MPF Move Address form;
- (h) Tie Cable Service form; and
- (i) MPF Pair Change and Re-termination form.

8.1.27 All business continuity forms submitted in accordance with this clause should come from a generic mailbox. This mailbox must include the Access Seeker's name in the email subject line as below:

- (a) [UCLL Form Name] - [Access Seeker Name] - [Access Seeker reference number]

8.1.28 Once completed, business continuity forms must be sent to the business continuity email address advised by Chorus in accordance with section 2.

8.2 Order Processing *Order Types*

8.2.1 The following types of Orders may be made and each will be processed as outlined below:

- (a) Pre-qualification;
- (b) MPF New Connection;
- (c) MPF Transfer;
- (d) Other service to MPF Transfer;
- (e) Bulk Transfer;
- (f) MPF Relinquishment;
- (g) MPF Move Address;
- (h) Remote Tie Cable Service; and
- (i) MPF Pair Change or Re-termination.

Mandatory Fields

8.2.2 For each Order that is submitted either via OO&T or by email as outlined in clauses 8.1.25 to 8.1.28, the Access Seeker must complete all of the fields on the relevant form that are marked as mandatory.

Order Acknowledgement

8.2.3 For each Order that is submitted either via OO&T, or by email as outlined in clauses 8.1.25 to 8.1.28, Chorus will provide the Access Seeker with acknowledgement of receipt of that Order.

Business Hours

8.2.4 Orders will only be provisioned by Chorus during Business Hours.

8.2.5 Chorus will use all reasonable endeavours to ensure that all Orders entered into OO&T by Access Seekers outside of Business Hours on any Working Day are processed in the first Business Hour on the next Working Day. For the purpose of determining whether Chorus has met any relevant Service Levels as defined in the SLA for dealing with Orders, any Orders submitted to Chorus outside of Business Hours will be deemed to have been received by Chorus in the first Business Hour of the following Working Day.

Order Validation

- 8.2.6 An Order will be deemed invalid and may be rejected by Chorus if:
- (a) it is not submitted in accordance with this Manual; or
 - (b) one or more of the rejection criteria listed in Appendix C apply; or
 - (c) it is otherwise defective; or
 - (d) the Access Seeker will not have capability at the required Exchange to access and interconnect with the UCLL Service (whether by co-locating their equipment at the Exchange or otherwise).
- 8.2.7 Chorus will perform a validation check of each Order that it receives. That validation check will determine whether the Order complies with the requirements of clause 8.2.6.
- 8.2.8 If an Order is rejected, Chorus will advise the Access Seeker of that rejection and provide the Access Seeker with the applicable rejection reason.

Irregularities

- 8.2.9 Chorus will waive immaterial irregularities and process Orders where the intention is unambiguous. Examples of such irregularities include:
- (a) use of different conjunctions (e.g. "&" instead of "and");
 - (b) improper application or omission of apostrophes;
 - (c) variations in letter case;
 - (d) use of initials instead of first names, or vice versa; and
 - (e) names where letters have been accidentally transposed but the meaning is still clear (e.g. Dominoin = Dominion).

RFS Date

- 8.2.10 If an Order is accepted, Chorus will advise the Access Seeker of an expected Ready For Service (**RFS**) Date (where applicable to the type of Order involved).
- 8.2.11 Where Chorus becomes aware that it will be unable to meet the expected RFS Date notified under clause 8.2.10, Chorus will use all reasonable endeavours to advise the Access Seeker as soon as possible.

Updating an Order

8.2.12 The Access Seeker may change an existing Order that has been submitted using OO&T provided that:

- (a) changes to an existing Order by an Access Seeker can only be made within three Working Days of the RFS Date if Chorus has given its consent in writing to the change and that consent is not unreasonably withheld; and
- (b) if the Access Seeker changes an existing Order under this clause 8.2.12, all of the relevant Service Levels for that Order as defined in the SLA will be restarted as from the date of change of the Order and will be measured against the amended Order.

HDB3 interference

8.2.13 If Chorus receives an MPF New Connection or MPF Move Address Order and identifies that an HDB3 system is present in the relevant Binder:

- (a) Chorus will move the HDB3 system or the relevant MPF to an alternative Binder; or
- (b) if no alternative Binder is available, Chorus will:
 - (i) replace the HDB3 system with an alternative and more efficient technology; but
 - (ii) if replacement with alternative and more efficient technology is not possible (or not possible immediately), Chorus will ask the Access Seeker to agree to a power reduction for the affected Customer; but

in any event Chorus will replace the relevant HDB3 system as soon as reasonably practicable.

8.2.14 The Access Seeker will not be required to pay for any additional work performed by Chorus under clause 8.2.13.

Local and Mobile Number Portability

8.2.15 Where a UCLL request is raised by an Access Seeker that is associated with a number portability request, the Access Seeker may request that the UCLL request is completed within a morning or afternoon time slot on a particular date that corresponds with the date and timeslot within which the number portability request related to that line is to be completed.

8.2.16 When an Access Seeker requests that Chorus completes a UCLL request in accordance with clause 8.2.15, Chorus will use reasonable endeavours to ensure that the UCLL request is actioned on the date and within the time slot requested by the Access Seeker.

8.2.17 If the date and time slot agreed between Chorus and the Access Seeker is outside the Standard Lead-Time in the UCLL Service Level Terms, actioning of the request on the date and within the requested time slot will not constitute a failure to meet the Standard Lead-Time specified in the UCLL Service Level Terms. Completion of the UCLL request by Chorus on the date and within the time slot requested by the Access Seeker will not constitute a failure to meet Service Level 5 (meeting the expected RFS Date) in the UCLL Service Level Terms.

Confirmations

8.2.18 Chorus will provide the Access Seeker with confirmation that provisioning of an Order has been completed.

8.2.19 Order confirmations submitted to the Access Seeker outside of Business Hours will be deemed to have been received by the Access Seeker in the first Business Hour of the following Working Day.

8.3 Charges

8.3.1 Charges for all the transactions, processes and services referred to in this Part are set out in the UCLL Price List. Charges may only be made for valid Orders following the validation provided for in clause 8.2.7.

8.4 Ordering UCLL Pre-qualification

Overview

8.4.1 Pre-qualification is a service that enables the Access Seeker to:

- (a) confirm the Exchange that serves a given address or existing MPF to ensure the Access Seeker has co-location or remote co-location capacity at that Exchange;
- (b) receive estimated line attenuation ranges or actual electrical characteristics for an address or MPF; and
- (c) receive information on the MPFs potentially available to an End User's site.

8.4.2 There are four types of pre-qualification:

- (a) unauthorised automatic pre-qualification;
- (b) authorised automatic pre-qualification;
- (c) special manual pre-qualification investigation; and
- (d) manual line testing.

Pre-qualification Acknowledgement

8.4.3 For each pre-qualification Order that is received by Chorus, Chorus will provide the Access Seeker with acknowledgement of receipt of the Order.

8.5 Unauthorised Automatic Pre-qualification

Overview

- 8.5.1 Unauthorised automatic pre-qualification is available when the Access Seeker does not have End User authorisation to supply services to the End User's service address.

Information Supplied

- 8.5.2 The Access Seeker will supply the item to be pre-qualified. That item may either be a service address or an existing MPF.
- 8.5.3 For a service address entry to be pre-qualified, a single address needs to be identified by selection from the existing Chorus address list using OO&T.
- 8.5.4 For an existing MPF entry to be pre-qualified, the associated ASID needs to be supplied.

Information Returned

- 8.5.5 The information returned by OO&T may include:
- (a) a single, total count of all MPFs currently working at the address plus all MPFs that are either present at the address but not working or that could be connected to the address with jumpering and, if necessary, extra service leads to the address;
 - (b) the theoretical estimated line attenuation range for each MPF;
 - (c) the identifier for the Exchange that serves the address;
 - (d) a flag indicating HDB3 in the same Binder; and
 - (e) a flag indicating if and when a line will be impacted by a planned cabinetisation.
- 8.5.6 If items in the unauthorised automatic qualification results are not populated (and this is not due to the End User's line terminating at a cabinet), Chorus will automatically do a manual population of the data and the results will be returned to the Access Seeker.
- 8.5.7 Note that for service address entry where the End User's line terminates at a cabinet, this will be indicated by Chorus in the information returned.

8.6 Authorised Automatic Pre-qualification

Overview

- 8.6.1 Authorised automatic pre-qualification is available where the Access Seeker has obtained End User authorisation to investigate the supply of services to the End User's service address.

Information Supplied

- 8.6.2 The Access Seeker will supply the item to be pre-qualified. That item

may either be a service address or an existing MPF.

- 8.6.3 For a service address entry to be pre-qualified, a single address needs to be identified by selection from the existing Chorus address list using OO&T. (Note that if the service address is absent, a new address can be submitted and Pre-qualification would be manual - see below on special manual Pre-qualification investigations.)
- 8.6.4 For an existing MPF entry to be pre-qualified, the associated ASID needs to be supplied.
- 8.6.5 The Access Seeker must also indicate confirmation that the End User has authorised the Access Seeker to investigate the supply of services to the End User's service address.
- 8.6.6 The Access Seeker must retain for a period of one year, and produce to Chorus or another Access Seeker on demand, evidence that the End Customer has authorised the Access Seeker to make an investigation into the supply of services in accordance with clause 8.6.1.

Information Returned

- 8.6.7 The information returned by OO&T may include:
 - (a) a count of all MPFs currently working at the address;
 - (b) a count of all MPFs that are either present but not working or that could be connected with jumpering and, if necessary, extra service leads to the service address;
 - (c) the theoretical estimated line attenuation range for each MPF;
 - (d) the identifier for the Exchange that serves the address; and
 - (e) a flag indicating HDB3 in the same Binder.
- 8.6.8 If items in the authorised automatic Pre-qualification results are not populated (and this is not due to the End User's line terminating at a cabinet), Chorus will automatically do a manual population of the data and the results will be returned to the Access Seeker.
- 8.6.9 Note that for service address entry where the End User's line terminates at a cabinet, this will be indicated in the information returned.

8.7 Special Manual Pre-qualification Investigation

Overview

- 8.7.1 A special manual pre-qualification investigation is carried out in circumstances where the Access Seeker wishes to obtain information about a new address.

Information Supplied

- 8.7.2 The Access Seeker must submit the new address with all address elements provided (street name, number etc).
- 8.7.3 The Access Seeker must also supply confirmation that the End User has authorised the Access Seeker to supply services to the End User's service address.

Information Returned

- 8.7.4 OO&T will return the following information:
- (a) a count of all MPFs currently working at the address;
 - (b) a count of all MPFs that are either present but not working or that could be connected with jumpering and, if necessary, extra service leads to the service address;
 - (c) the theoretical estimated line attenuation range for each MPF;
 - (d) the identifier for the Exchange that serves the address; and
 - (e) a flag indicating HDB3 in the same Binder.

8.8 Manual Line Testing

Overview

- 8.8.1 Manual line testing pre-qualification is available for Access Seekers to ascertain actual rather than theoretical estimated MPF electrical characteristics, such as might be required when an estimated result has returned a value that is marginal for an intended service. Measurements will be performed by a specialist group of service company staff and will be subject to scheduling according to their availability.

Information Supplied

- 8.8.2 The Access Seeker will supply:
- (a) the address or if available the ASID for the existing MPF to be measured;
 - (b) confirmation that the End User has authorised the Access Seeker to supply services to the End User's service address and that the current service can be disrupted while measurement is carried out;
 - (c) details of which of the following items should be included in the physical measurement of the MPF's electrical characteristics (from one end):
 - A&B earth and battery;
 - insertion loss at 160kHz;
 - A&B capacitance to earth;

- loop capacitance;
- loop resistance (to NTE termination);
- Testing will not include the End User's premises wiring, only the Chorus network path from ETP to MDF.

Information Returned

8.8.3 OO&T will return the information requested in accordance with 8.8.2(c) once the site visit has been completed and the data captured in the system.

8.9 Authorisation for Transfer Orders

Overview

- 8.9.1 This section 8.9 applies to MPF Transfer Orders and Other Service to MPF Transfer Orders, where an End User is transferring from one Access Seeker (or Service Provider as the case may be) to another Access Seeker.
- 8.9.2 Access Seekers must obtain the Customer Authorisation to these transfers, in accordance with the terms of the Customer Transfer Code, before the relevant Order is submitted.
- 8.9.3 Chorus is entitled to rely on the Transfer Order as evidence that a valid Customer Authorisation has been obtained in accordance with the Customer Transfer Code. Chorus is not liable in the event that authorisation is found to be invalid or not in accordance with the Customer Transfer Code.
- 8.9.4 Chorus and the Access Seeker will comply with the Customer Transfer Code.

8.10 Orders

- 8.10.1 Orders for the following must be placed in OO&T using the relevant webform or B2B interface:
- (a) MPF New Connection;
 - (b) MPF Transfer;
 - (c) Other Service to MPF Transfer;
 - (d) MPF Relinquishment;
 - (e) MPF Move Address;
 - (f) MPF Pair Change and Re-termination;
 - (g) Remote Tie Cable Service.
- 8.10.2 These Orders will be processed in accordance with clause 8.2.

8.11 Bulk Transfer Orders

Overview

8.11.1 Bulk Transfers enable an Access Seeker to transfer large volumes of End Users or MPFs onto the MPF Service in a co-ordinated manner. Details of what a Bulk Transfer is and when a Bulk Transfer can be requested are set out in clauses 6.1.5 to 6.1.8 above.

Submitting Bulk Transfer Orders

8.11.2 Access Seekers should contact their Chorus Service Delivery Manager to discuss the requirements and timeframes of any Bulk Transfer before placing a Bulk Transfer Order.

8.11.3 All Bulk Transfer Orders are to be entered in the OO&T system at least 20 Working Days before the date on which the Access Seeker requests the first individual transfer included in the Bulk Transfer to occur.

8.11.4 Once a Bulk Transfer Order has been placed, Chorus and the Access Seeker must agree on a Bulk Transfer Plan that:

- (a) describes how the Bulk Transfer will be managed and carried out (including details of the dates on which the relevant batches of individual transfers will take place and, where appropriate, the resources to be used); and
- (b) states the price to be paid (excluding the charges for the individual transfers) by the Access Seeker for the provision of the Bulk Transfer service by Chorus. This price must be determined in accordance with the UCLL Price List.

8.11.5 Where there are resource contention issues in relation to the carrying out of the Bulk Transfer, the Bulk Transfer Plan must be consistent with the application of the priority rules set out in section 9 and Chorus can specify (without the agreement of the Access Seeker) the details of the plan (including individual transfer dates) to the extent necessary to enable compliance with those rules.

8.11.6 Once the Bulk Transfer Plan has been agreed, any necessary changes to the Bulk Transfer Order will be made and this order will be accepted and allocated an accepted bulk transfer order number. The Access Seeker must then submit an individual Order for each transfer included in the Bulk Transfer. Each such individual Order must state that it is part of a Bulk Transfer and include the accepted bulk transfer order number for that Bulk Transfer.

8.11.7 If the parties cannot agree on the terms of the Bulk Transfer Plan, either party may refer the issue to the dispute procedure in section 39 of the UCLL General Terms. Any such dispute will be treated as a technical or operational dispute and in the event of a Deadlock, must be resolved by

expert determination. Chorus is not required to undertake any Bulk Transfer until a Bulk Transfer Plan has been agreed by the Access Seeker and Chorus or determined by an expert.

- 8.11.8 Bulk Transfer Orders are not able to be cancelled within 10 Working Days of the date on which the first relevant individual transfer will take place. Cancellations made earlier than 10 Working Days before the date on which the first relevant individual transfer will take place will be subject to the cancellation fee as set out in the UCLL Price List.
- 8.11.9 Chorus is entitled to rely on a Bulk Transfer Order as evidence that valid Customer Authorisations have been obtained in accordance with the requirements of the Customer Transfer Code. Chorus is not liable in the event that the Customer Authorisations are found to be invalid or not in accordance with the Customer Transfer Code.
- 8.11.10 Access Seekers should note that the individual transfers covered by a Bulk Transfer Order are subject to the same processes, systems and rules as other transfers.
- 8.11.11 Chorus will use all reasonable endeavours to ensure that individual transfers covered by a Bulk Transfer Order will be completed in a timely manner. However workflow will be managed separately and Service Levels under the SLA will not apply to individual transfers covered by a Bulk Transfer Order.

9 Prioritisation of Bulk Transfers and allocation of space on Exchange MDF

9.1 Overview

9.1.1 Where there is contention for resources in relation to:

- (a) space resource constraints at distribution frames for Bulk Transfers
- (b) space resource constraints at distribution frames during initial build activity
- (c) resource constraints during Bulk Transfers
- (d) circumstances where Bulk Transfer activity poses a risk to BAU provisioning activity,

Chorus will apply the following prioritisation rules.

9.2 Bulk Transfer - prioritisation rules

9.2.1 BAU capability must be preserved above all other requirements.

9.2.2 The order in which Bulk Transfers will be carried out will be the order in which the Bulk Transfer Orders are received. However where two or more Access Seekers submit a Bulk Transfer Order on the same day, and

this gives rise to contention for resources, the order in which the Bulk Transfers will be carried out will be decided by the "throw of a coin".

- 9.2.3 Resources will be used in a serial fashion in a pre determined order (that matches the order of the relevant Bulk Transfers). For example, if there is capacity to complete 100 transfers per day at an Exchange, then that resource would work only on transfers for a single Access Seeker and when all their planned batches of transfers are complete, start the work for the next Access Seeker.
- 9.2.4 In a case where more resource is available to perform transfers than is able to be supported by the Access Seeker (an Access Seeker cannot manage the volume of transfers possible per day at their end), the additional resource may be able to be used performing transfers for the next Access Seeker on the priority list.

9.3 Space allocation on Exchange MDF for Remote Tie Cable and Tie Cable termination

- 9.3.1 The allocation of space on the Exchange MDF to terminate both Remote Tie Cables and the Intra-Exchange Tie Cable pairs required to use the MPF Service will be allocated on a first come first served basis. However if total demand for such space exceeds supply in the short term Chorus will scale down all Orders for both the Remote Tie Cable Service and the Intra-Exchange Tie Cable proportionately with a minimum allocation per Access Seeker of MDF space to terminate 400 Tie Cable pairs. Orders for less than 400 Tie Cable pairs will not be scaled down.
- 9.3.2 The maximum amount of either Remote Tie Cable or the Intra-Exchange Tie Cable pair space that can be ordered at any one time (as part of an Order for either the Remote Tie Cable Service or an Intra-Exchange Tie Cable) will be space for 1000 pairs, unless the Access Seeker can provide evidence of a demonstrable greater demand, in which case that Access Seeker can order space for as many Tie Cable pairs as they require.

9.4 Prioritisation and Allocation Disputes

- 9.4.1 In relation to any prioritisation or allocation issue, in the event that an Access Seeker feels the relevant prioritisation or allocation rules have not been correctly applied they may refer the issue to the dispute procedure in the UCLL General Terms. Any such dispute will be treated as a technical or operational dispute and in the event of a Deadlock, must be resolved by expert determination.

PART 4 - PROBLEM MANAGEMENT

10 Problem Management

10.1 Overview

10.1.1 This section covers the following:

- (a) OFM;
- (b) faults within the UCLL Service; and
- (c) interference.

10.2 OFM

Overview

10.2.1 Chorus has a web-based fault management system (OFM). OFM allows Access Seekers to:

- (a) create a new trouble ticket;
- (b) retrieve a trouble ticket;
- (c) update a trouble ticket; and
- (d) report basic faults.

Terms of Provision

10.2.2 In relation to the UCLL Service, OFM is a Chorus System provided by Chorus in accordance with the UCLL General Terms, the SLA and this Manual.

Training and Support

10.2.3 Chorus will provide reasonable initial set up training on OFM.

10.2.4 "Reasonable initial set up training" in this context consists of a workshop held at a Chorus location. The workshop will address:

- (a) overview of forms for fault reporting;
- (b) basic details of the OFM system (including demonstration of the system); and
- (c) Q&A.

10.2.5 Access Seekers will ensure that a reasonable number of staff (up to a maximum of 10) attend any training provided to the Access Seeker in respect of OFM.

10.2.6 Any additional training required by the Access Seeker beyond reasonable initial set up training will be charged for by Chorus in accordance with the

UCLL Price List.

Additional Functionalities or Enhancements to OFM

10.2.7 Where Chorus creates any additional functionality within OFM or makes any enhancement to it, Chorus will give Notice to the Access Seeker. The Access Seeker will modify its own fault systems and its own operational procedures to the extent required. Chorus must consult with the Access Seekers before notifying Access Seekers of any additional functionality or enhancements to OFM which affect the use of OFM in relation to the UCLL Service.

10.2.8 The Access Seeker will utilise the additional functionalities or enhancements to OFM as notified by Chorus from the date specified in Chorus' Notice (at the latest).

Costs

Chorus Costs

10.2.9 Chorus will be solely responsible for Chorus' costs of designing and developing OFM, including any modifications and enhancements.

Access Seeker's Costs

10.2.10 Access Seekers will be solely responsible for the costs of modifying their processes to work with OFM and their systems to interface with OFM (if applicable).

OFM Fees

10.2.11 Chorus will charge a monthly licence fee for OFM as set out in the UCLL Price List.

Terms of Use

Use of OFM

10.2.12 The Access Seeker must only use OFM for purposes authorised by Chorus.

Availability

10.2.13 Chorus will use all reasonable endeavours to ensure that OFM is available to Access Seekers 24 hours a day, 7 days a week.

10.2.14 Although Chorus intends to take reasonable steps to prevent the introduction of viruses or other distinctive features to OFM, Chorus does not guarantee that it is free of such viruses or other distinctive features.

10.3 Faults within the UCLL Service

Responsibility for faults

10.3.1 Chorus is only responsible for faults that are within Chorus' responsibility,

as set out in section 24 of the UCLL General Terms. If Chorus investigates and no fault is found or no fault for which Chorus is responsible is found, Chorus will charge the Access Seeker the No Fault Found fee as set out in the UCLL Price List. Where Chorus is responsible for the fault, no No Fault Found fee will be charged.

- 10.3.2 When the Remote Tie Cable Service is being provided Chorus is not responsible for any fault in the Remote Tie Cable (regardless of whether or not Chorus supplied the Remote Tie Cable).

Initial Diagnosis by the Access Seeker

- 10.3.3 It is the Access Seeker's responsibility to provide initial fault diagnosis on all faults reported to it by its End Users.

- 10.3.4 The requirements for this initial fault diagnosis are set out in section 25 of the UCLL General Terms.

Reporting Faults to Chorus

- 10.3.5 Subject to clause 10.3.6 the Access Seeker must use OFM for reporting all faults regarding the UCLL Service. If the Access Seeker uses any other method to report a fault, the relevant Service Levels as defined in the SLA will not apply to that fault.

- 10.3.6 Where Chorus advises the Access Seeker OFM is unavailable, the Access Seeker must submit fault reports to Chorus by calling the 0800 fault reporting service number provided by Chorus. Chorus must use all reasonable endeavours to advise Access Seekers immediately upon becoming aware that the OFM is unavailable.

- 10.3.7 Once the Access Seeker has provided initial fault diagnosis, complied with section 25 of the UCLL General Terms and determined that it requires Chorus' assistance to resolve the fault, the following information is required when reporting a fault:

- (a) confirmation that the initial fault diagnosis has been completed;
- (b) contact name and phone number of the Access Seeker staff member logging the fault;
- (c) contact name, phone number, and alternate phone number of the End User experiencing the fault (where appropriate);
- (d) End User's circuit/line number/ASID that is experiencing the fault (where appropriate);
- (e) fault type and description;
- (f) time the fault occurred;
- (g) address and contact details for the site of the fault (where

appropriate); and

(h) any other relevant information.

10.3.8 If any of the above information is not provided, the relevant Service Levels in the SLA will not apply.

Irregularities

10.3.9 Chorus will waive immaterial irregularities and process fault reports where the intention is unambiguous. Examples of such irregularities include:

- (a) use of different conjunctions (e.g. "&" instead of "and");
- (b) improper application or omission of apostrophes;
- (c) variations in letter case;
- (d) use of initials instead of first names, or vice versa; and
- (e) names where letters have been accidentally transposed but the meaning is still clear (e.g. Dominoin = Dominion).

Hours of Operation

10.3.10 Faults can be logged 24 hours a day, seven days a week.

10.3.11 Faults that are Chorus' responsibility will be fixed by Chorus representatives during Fault Restoration Hours. If a fault is logged outside of those hours, it is possible Chorus will only start working on the fault as from 7.00am the following day. Extended fault restoration hours apply for emergency faults.

10.3.12 For the purpose of determining whether Chorus has met any relevant Service Levels for dealing with Faults, any Faults submitted to Chorus outside of Fault Restoration Hours will be deemed to have been received by Chorus in the first Fault Restoration Hour of the following day.

Fault Report Acknowledgement

10.3.13 When a fault report is received, Chorus will advise the Access Seeker, acknowledging receipt of the fault report.

Fault Tracking

10.3.14 All faults will be logged in OFM and the Access Seeker will be given a fault reference number and an expected fault restoration time. The expected fault restoration time will be provided in accordance with Chorus' fault prioritisation systems.

10.3.15 Chorus will use all reasonable endeavours to meet the notified expected fault restoration time as provided in clause 10.3.14.

10.3.16 Where Chorus has allocated an expected fault restoration time to a fault and it subsequently becomes apparent that the fault restoration time cannot be met, Chorus will advise the Access Seeker of a revised fault restoration time. In that situation the Service Levels in the SLA will continue to apply to the originally notified expected restoration time, rather than the revised fault restoration time.

10.3.17 The Access Seeker will be able to check the progress of a fault via OFM. The fault reference number is to be used in all communications regarding the fault.

Chorus Contractor Work

10.3.18 If Chorus identifies the need to send a faults contractor, Chorus will update OFM.

10.3.19 The Access Seeker's helpdesk is responsible for coordinating site access and any required outage window with the End User.

Fault Closure

10.3.20 Once the fault has been resolved, Chorus will notify the Access Seeker via OFM (or other means) that the fault has been resolved, confirm the fault reference number and, where available, provide the cause of the fault and any actions taken to reach resolution.

Emergency Faults

10.3.21 Emergency faults reported to Chorus outside of the hours of operation set out in clause 10.3.11 will be treated on a case by case basis.

10.3.22 In the first instance, Chorus will propose a temporary solution. However, in the absence of a viable temporary solution, Chorus may schedule a callout to respond to emergency faults in relation to:

- (a) medical emergencies;
- (b) where the End User provides an essential community service (e.g. police or a doctor's residence); or
- (c) where there is a mass outage that has the potential to impact on 200 or more Customers across all Access Seekers, including Chorus.

Escalation Protocol

10.3.23 The Escalation Protocol is provided in Appendix B.

10.4 Interference

Overview

10.4.1 Chorus and the Access Seeker must comply with the Interference Management Plan.

Investigating Interference by Others

- 10.4.2 If the Access Seeker considers that their ability to fully utilise the UCLL Service is being materially impaired by a failure by another Access Seeker that is using the UCLL Service in the relevant Exchange to comply with the Interference Management Plan (**possible third party interference**) the Access Seeker may notify Chorus in writing.
- 10.4.3 That notice may request Chorus to ask the other relevant Access Seeker(s) to provide Chorus with any information reasonably required to assist Chorus to establish whether a breach of the Interference Management Plan by the other Access Seeker is causing the possible third party interference, and in the light of that information to investigate the cause of the possible third party interference.
- 10.4.4 Chorus will comply with any reasonable request under clause 10.4.3 and the Third Party Interference Investigation Charge set out in the UCLL Price List will apply. Chorus will advise the Access Seeker of the conclusion reached by its investigation.
- 10.4.5 If interference is found and was caused by any Access Seeker's equipment that breaches the UCLL Interference Management Plan, this Charge will apply to that Access Seeker that caused the interference. If interference is not found, or was caused by either any Access Seeker's equipment that does not breach the UCLL Interference Management Plan or equipment owned by another person who is not an Access Seeker, this Charge will apply to the Access Seeker that claimed there was interference.
- 10.4.6 Chorus will provide details of why its conclusion was reached if it is able to do so. Chorus will not be required to provide any details regarding the conclusion reached if to do so would require it to disclose confidential information of other Access Seekers.
- 10.4.7 If Chorus concludes as a result of its investigation that a failure by another Access Seeker (Defaulting Access Seeker) to comply with the Interference Management Plan when using the UCLL Service is causing the impairment, then Chorus must use all reasonable endeavours to ensure that the Defaulting Access Seeker remedies that failure and complies with the Interference Management Plan as soon as reasonably practicable.
- 10.4.8 "All Reasonable endeavours" in this context does not require Chorus to either enforce the UCLL Terms or to complain to the Commission in respect of the breach (the Access Seeker may do these things directly).

Investigation Assistance

- 10.4.9 An Access Seeker must provide (at its own cost) all information (including confidential information) and all other assistance reasonably required by Chorus to enable Chorus to determine whether the Interference

Management Plan is being complied with by the Access Seeker.

Liability

10.4.10 For the avoidance of doubt, Chorus has no liability to the Access Seeker for any failure to comply with its obligations under the UCLL Terms when that failure is caused by another Access Seeker not complying with the Interference Management Plan.

PART 5 - TIE CABLING FOR REMOTE CO-LOCATION

11 Tie Cabling for Remote Co-location

11.1 Overview

-
- 11.1.1 Where the Access Seeker's equipment used to provide access to and interconnection with the UCLL Service is located outside of a Chorus Exchange (whether in the Access Seeker's building or a third party's building), the Access Seeker can purchase the Remote Tie Cable Service. Under the Remote Tie Cable Service, copper Remote Tie Cable pairs will be used to connect the HDP block on Chorus' MDF and the remotely co-located Access Seeker equipment. The Remote Tie Cable Service installation and space rental charges set out in the UCLL Price List will apply.
- 11.1.2 An Access Seeker may supply its own Tie Cables or the Access Seeker may ask Chorus to supply the Tie Cables. In either case the Tie Cables must meet the specification set out in Chorus' Cable Specification document (attached as Appendix E). Where Chorus supplies the Tie Cable the Access Seeker will purchase that Tie Cable from Chorus for a commercially agreed price.

11.2 Tie Cabling Pair

Identifier

- 11.2.1 As Tie Cables for remote co-location are external cables, designations (names) will be assigned by Chorus to each tie pair in accordance with the normal Chorus network practice. For instance, the normal Chorus network name ELL 102-099 identifies cable 102, pair 99 at the Ellerslie Exchange building and the related Remote Tie Cable equipment number assigned and specified on service requests would be:
- (a) LWC=ELL, tie pair=LR-102-0099. (LR means remote UCLL co-location Remote Tie Cable, 102 is the cable number and 0099 is the pair number padded to the maximum size with leading zeros).
- 11.2.2 The naming standard is contained in the Chorus document "Network Naming Standard for Local Loop Unbundling Requirements" (reference ND0459).

Chorus Responsibilities

- 11.2.3 Chorus will name all remote co-location cable pairs and record these in Chorus' system for managing copper inventory.
- 11.2.4 Chorus will identify the route that the Remote Tie Cable will take within the Exchange (including Chorus ducts and Chorus manholes) and install any required cable racking to support the Remote Tie Cable.
- 11.2.5 Chorus will install the Remote Tie Cable between the Access Seeker's

network cable and the HDP.

- 11.2.6 For Chorus supplied Remote Tie Cable, the Remote Tie Cable will be delivered to the Access Seeker outside and adjacent to Chorus' Exchange Entry Point. For Access Seeker supplied Remote Tie Cable, a length of cable advised by Chorus will be received at Chorus' Exchange Entry Point. In either case, Chorus and the Access Seeker will work together to get cable from Chorus' Exchange Entry Point to the Access Seeker's manholes and ducts with Chorus performing all work in its Exchange Manhole.
- 11.2.7 Chorus will supply and record the necessary space on the HDP block.
- 11.2.8 Chorus will terminate Remote Tie Cable pairs on the HDP block.
- 11.2.9 Chorus is responsible for the repair and/or replacement of faulty termination at the HDP.

Access Seeker Responsibilities

- 11.2.10 The Access Seeker will deliver its (or a third party's) network cable to the Chorus Exchange Entry Point (with Chorus performing all work in its Exchange Manhole).
- 11.2.11 The Access Seeker will complete the joint between its network cable and the remote co-location Remote Tie Cable outside the Chorus Exchange Entry Point.
- 11.2.12 The Access Seeker will own the Remote Tie Cable and will be responsible for its maintenance. However, because Remote Tie Cables will be located within the Chorus Exchange, the Access Seeker must request Chorus to carry out any maintenance. Where an Access Seeker requests Chorus to carry out any maintenance on a Remote Tie Cable Chorus must do so and the Remote Tie Cable Maintenance Charge set out in the UCLL Price List will apply. If Chorus reasonably considers that any maintenance work needs to be carried out on a Remote Tie Cable Chorus may (after giving the Access Seeker prior notice of its intention to do so) carry out that work and apply the Remote Tie Cable Maintenance Charge.
- 11.2.13 The Access Seeker must maintain and be responsible for its own Remote Tie Cable inventory system. This system must be able to record the following:
- (a) the termination of each Remote Tie Cable pair;
 - (b) the Access Seeker's own assignments or reassignments of Remote Tie Cable pairs; and
 - (c) changes to Remote Tie Cable pairs when service has been transferred (e.g. for fault resolution).

Resolution of Inconsistency

11.2.14 Where Chorus' records and the Access Seeker's records differ with regard to the status of a Remote Tie Cable pair, the Access Seeker must confirm the accuracy of the status of the Tie Cable pair in its inventory system.

11.2.15 If this does not resolve the difference, the Access Seeker must liaise with Chorus' Provisioning Manager.

11.2.16 After the Remote Tie Cable is jointed to the network cable by the Access Seeker and is terminated at the HDP by Chorus, Chorus and the Access Seeker will jointly carry out end-to-end testing between the HDP and the Access Seeker's remote equipment location.

11.3 Recording and Data Management

Overview

11.3.1 Where the Remote Tie Cable Service is being supplied, Access Seekers must ensure that information regarding their sub ducts and cabling is supplied to Chorus for recording. Access Seekers should check subsequent as-built records to ensure accuracy of detail. Chorus requires Access Seekers to mark or label cables/plant in the field.

11.3.2 Chorus will keep floor plans up to date with changes.

11.3.3 Access Seekers are to ensure that all connections made are recorded with Chorus including the:

- (a) location of cables within the Exchange;
- (b) connections made to the MDF, identified and coded for billing information on the Chorus Provisioning, Billings and Support systems; and
- (c) assignments/allocations of fibres within cable sheaths.

11.3.4 Information about Access Seeker connections is required to enable Chorus to manage the delivery of the UCLL Service. This information is Confidential Information under the UCLL General Terms.

PART 6 - BILLING

12 Billing

12.1 Overview

12.1.1 Billing is driven by Orders for the UCLL Service made by the Access Seeker.

12.1.2 This section covers:

- (a) invoicing; and
- (b) billing enquiries.

12.2 Invoicing

12.2.1 Chorus will invoice the Access Seeker for all Charges on the basis specified in the UCLL Price List. Invoices will be in an electronic bill format (**eBill**). eBill will replace the provision of a paper invoice, except that a printed GST summary will be provided to the Access Seeker. A hard copy paper invoice will be available to Access Seekers at the price set out in the UCLL Price List.

12.2.2 Chorus will make eBill files available using a secure HTTPS gateway. eBills can be accessed via an HTTPS site through a web browser. Alternatively, the Access Seeker can arrange with the secure HTTPS gateway provider (as advised by Chorus) to write their own scripts and access the eBill through a script platform.

12.2.3 The Access Seeker will provide Chorus with the list of people that are authorised to download eBills. Chorus will set up access rights for these people on the HTTPS gateway.

12.2.4 Chorus will provide eBills and printed GST summaries to the Access Seeker free of charge.

12.2.5 Chorus will maintain one or more separate Access Seeker accounts for services provided to the Access Seeker. Chorus may alter the account structure as it considers appropriate.

12.3 Billing Enquiries

12.3.1 If the Access Seeker wishes to raise a billing enquiry, it may do so by emailing the Chorus billing team in the first instance at the billing email address supplied by Chorus under section 2 above.

12.3.2 The email must include the following information:

- (a) a header reading "Billing Query"; and
- (b) a completed "Billing Enquiry Form" (reference ASF-004).

12.3.3 Chorus will acknowledge the query and will use all reasonable endeavours to respond within the current billing period. Any billing enquiries submitted without the use of a Billing Enquiry Form will be rejected.

- 12.3.4 Additional billing information, over and above that reasonable required to assist Access Seekers in interpreting invoices, will be charged in accordance with the UCLL Price List. The Access Seeker may require Chorus to provide a quote for any such request for further information.
- 12.3.5 The process set out in this clause is an informal enquiry process that does not limit the UCLL General Terms. If the Access Seeker wishes to initiate an Invoice Error Dispute in relation to an invoice, it must follow the procedure set out in section 17 of the UCLL General Terms.

PART 7 - REQUIREMENTS FOR END USER SITE VISITS

12.4 Arranging Time for End User Site Visits	12.4.1 Fault and provisioning related site visits will be arranged by appointment under OO&T and need not be confirmed. Chorus will not be required to consult the Access Seeker or End User when work at a site does not require entry to a premises or contact with an End User. Where entry to a premises or contact with an End User is required then the Access Seeker will make arrangements for the site visit with the End User and the relevant Chorus representative.
12.5 Field Force	12.5.1 Chorus representatives will carry Chorus identification and wear appropriate clothing.
12.6 Arriving on Time	12.6.1 The Chorus representative will use all reasonable endeavours to start all visits to an Access Seeker End User's site at the scheduled time.
12.7 Courtesy	12.7.1 When interacting with any Access Seeker End User, Chorus representatives will always act in a professional and courteous manner, and they will not use that interaction for sales and marketing purposes.
12.8 Confirming Details and Outcomes of Visit	12.8.1 At the completion of all site visits, the relevant Chorus representative will record the details in appropriate systems.
12.9 Abortive End User Site Visit Fee	12.9.1 When for any reason outside Chorus' control it is unable to complete a visit at the scheduled time (eg an End User is unavailable), Chorus will charge the Access Seeker an abortive End User Site Visit Fee in accordance with the UCLL Price List.

PART 8 – OTHER

13 Outages

13.1 General

13.1.1 The responsibilities and obligations in respect of outages are set out in section 23 of the Co-location General Terms.

14 Tenure

14.1 Termination

14.1.1 The rights of Chorus and the Access Seeker to terminate supply of the UCLL Service are set out under section 38 of the UCLL General Terms.

14.2 Cabinetisation

14.2.1 The responsibilities and obligations arising from cabinetisation are set out in section 38 of the UCLL General Terms.

APPENDIX A – GLOSSARY

Term	Meaning
ASID	Access Service Identifier.
B2B	Business to Business Web Services Interfaces.
BAU	Business as usual in relation to the UCLL Service.
BAU Forecast	A Forecast as described at clauses 6.1.11 to 6.1.14.
Binder	A group of MPFs bound (twisted) together in a cable.
Bulk Transfer	Has the meaning in clauses 6.1.5 to 6.1.8.
Bulk Transfer Forecast	An Access Seeker Forecast as described at clauses 6.1.9 and 6.1.10.
Bulk Transfer Plan	Has the meaning in clause 8.11.4.
Business Hours	8:00am to 5:00pm on any Working Day.
Customer Authorisation	A valid authorisation for a Transfer Order by a customer or a customer's duly appointed agent that meets the requirements of the Customer Transfer Code.
Customer Transfer Code	The Code for the Transfer of Telecommunications Services ('The Customer Transfer Code') approved by the Commission on 12 October 2006 and any equivalent replacement Code.
eBill	Invoices will be in an electronic bill format (eBill). eBill will replace the provision of a paper invoice, except that a printed GST summary will be provided to the Access Seeker.
ETP	External Termination Point for telecommunications services at an End User's premises or, where there is no termination point external to the premises, either the first jack on the premises wiring or, alternatively, the building distribution frame.
Exception to BAU	Is described in clauses 6.1.15 and 6.1.16.
Exception to BAU Day Zero	The date the Access Seeker requests an Exception to BAU to commence.
Exception to BAU Forecast	A Forecast as described in clause 6.1.19 and 6.1.20.
Fault Restoration Hours	means 7:00am to 7:00pm, seven days a week and Fault Restoration Hour means one hour within this period.
Forecast	Any or all (as the context requires) of the Forecasts required to be provided by the Access Seeker in this Manual.
Forecast Cluster	A group of Exchanges and distribution cabinets (which group has sufficient relationship to the management and deployment of field resource to enable Chorus to meet the

Term	Meaning
	UCLL Service Level Terms) in a geographic area as shown in the table in Appendix F.
Forecast Service Area	A group of Forecast Clusters as identified in Appendix F.
Forecasting Template	The template provided by Chorus with a separate worksheet for each Forecast type.
Gaining Access Seeker	The Access Seeker or Chorus (as the case may be) that is gaining the telecommunications service (from the point of view of a customer).
HDB3	High Density Bipolar Order 3, a legacy data service protocol.
HDP	Handover Distribution Point on the Exchange MDF.
Losing Service Provider	The Access Seeker or Other Service Provider (as the case may be) that is losing the telecommunications service (from the point of view of a customer).
MDF	A main distribution frame, being the place where copper lines from customers are laid out in an array to enable transmission equipment to be connected.
Metallic Path Facility (MPF)	A circuit comprising a pair of twisted copper conductors between a demarcation point at the End User's premises and an Exchange.
MPF Day Zero	The date the Access Seeker requests a Bulk Transfer to commence.
MPF Move Address	An MPF Move Address is where the End User requests the relocation of their Access Seeker telecommunications services to another physical address. It involves the moving of the customer end termination of the jumper from one MPF to another (where an existing service lead into the building and a spare or intact MPF back to the Exchange exists). It may be in the same Exchange or another.
MPF New Connection	The establishment of a new service instance of the MPF Service (i.e. there is no MPF Transfer or Other Service to MPF Transfer). The service is established from spares or intact circuits with an existing service lead into the building. That is, it utilises an existing MPF that is not currently used for the provision of telecommunications services.
MPF Pair Change or Re-termination	An MPF pair change or re-termination requiring the changing of jumpers/pair change at the Handoff Distribution Point (HDP) to effect a port change.
MPF Relinquishment	Where the Access Seeker terminates supply of the MPF Service in respect of a particular End User. This entails Chorus updating its records and billing. Chorus may either physically disconnect the MPF at any point between the Exchange and the End User's premises or leave the MPF circuit intact.
MPF Service	Consists of provision of an MPF (UCLL and/or UCLF) for access to End Users and is described in the UCLL or UCLF Service Description.
MPF Transfer	The transfer of the MPF Service connected to an End User's premises from one Access Seeker to another, as authorised by the End User.

Term	Meaning
Order	Any order for the UCLL Service.
Order Month	The month in which Orders are actually made.
Other Service to UCLL and/or UCLF MPF Transfer	The transfer of an End User from services (other than the MPF Service) provided over Chorus' Local Loop Network to an MPF Service, as authorised by the End User.
Other Service to Sub-loop MPF Transfer Orders	Has the meaning given in the Sub-loop Services Standard Terms Determination.
Possible third party interference	Has the meaning in clause 10.4.2.
Pre-qualification	Has the meaning in clause 8.4.1.
Remote Tie Cable Service	The Remote Tie Cable Service as described in the UCLL Service Description and as outlined in more detail in section 11 of this Manual.
RFS	Ready For Service
RFS Date	Means the date advised by Chorus in accordance with clause 8.2.10.
Service Provider	A provider of telecommunications services.
SLA	The Service Level Terms set out as schedule 3 of the UCLL General Terms.
Sub-loop MPF New Connection Orders	Has the meaning given in the Sub-loop Services Standard Terms Determination.
Sub-loop MPF Transfer Orders	Has the meaning given in the Sub-loop Services Standard Terms Determination.
Sub-loop UCLL Operations Manual	Has the meaning given in the Sub-loop Services Standard Terms Determination.
Sub-loop Services Standard Terms Determination	Means the standard terms determination made by the Commission on 18 June 2009 under section 30M of the Act in relation to all or any of Chorus' Sub-loop UCLL Service, Chorus' Sub-loop Co-location Service and Chorus' Sub-loop Backhaul Service.
Tie Cable	means collectively the Intra-Exchange Tie Cable and the Remote Tie Cable.
Transfer Order	An MPF Transfer Order, an Other Service to (UCLL and/or UCLF) MPF Transfer Order and/or a Bulk Transfer Order as the context requires.
UCLF Operations Manual	Has the meaning given in the UCLF Service Standard Terms Determination.
UCLF Service Standard Terms Determination	Means the standard terms determination (if any) made by the Commission under s74 of the Telecommunications (TSO, Broadband, and Other Matters) Amendment Act 2011.

APPENDIX B – ESCALATION PROTOCOL

Rule No.	Escalation Rule	Further Explanation
1	Identify correct escalation path.	Before any issue is escalated, sufficient investigation should be undertaken to ensure that the functional group that will most likely be responsible for resolving the issue has been correctly identified.
2	Attempt to resolve issues at BAU level before escalating them.	Every effort should first be made to resolve an operational issue at the BAU level, i.e. direct communication between the originator and the recipient.
3	First escalation should be via e-mail.	In the first instance an escalation at BAU level should be received via e-mail and clearly labelled as such with the email subject line beginning with "ESCALATION". The email should contain the relevant history of the issue, including the escalation history and when applicable the customer name, ASID/circuit numbers and fault/service order numbers.
4	Level One and Two escalations shall be peer to peer.	If an operational issue can not be resolved at the BAU level it must first be raised by the team member with their own team leader/manager. If the team leader/manager agrees that the issue warrants being escalated to the other party they shall contact their peer in the other organisation and endeavour to resolve the issue between them - this would normally be the level one escalation point. Under no circumstance should this step in the escalation path be bypassed unless every reasonable attempt to communicate with their peer in the other organisation has failed. Only then should the level one contact in party A attempt to escalate the issue to the level two contacts in party B. Subject to the above, level two escalations should also be peer to peer.
5	A mutually agreed plan of action to resolve an issue shall not be interfered with by other individuals.	If a plan of action to address an escalated issue has been agreed to by both parties then no other individual from either organisation should attempt to interfere with that agreement. If another individual has a concern with an already agreed plan of action they should raise it in the first instance with the person in their own organisation that was party to the original agreement.
6	People who do not follow the above rules will be redirected to the correct point of escalation.	If, as part of an escalation, an individual is contacted by a person from the other company and it is discovered that that person has not followed the protocol described above, then that individual can at their discretion respectfully redirect that person to the correct escalation contact person.

APPENDIX C – REJECTION CRITERIA

Reject Code	Description	Explanation
011	Open service order	There is an existing open service order in relation to the relevant service / line / circuit
012	Disconnection pending	A disconnection of the relevant service / line / circuit is pending
014	Invalid account number	The customer account number specified on the form is incorrect or does not match the information in Chorus' records
015	Invalid line or address	The customer line number or address specified on the form is incorrect or does not match the information in Chorus' records
020	Incomplete information	The form does not contain all of the required information
021	Corrupt or unreadable	The form is wholly or partially corrupted or unreadable
023	Other incorrect information	The form contains other information that is incorrect or that does not match the information in Chorus' records
030	Disconnected line	The relevant line / circuit has been disconnected
043	Number not compatible	Number provided is not the main phone number for the customer's line
047	Contact details	No site contact or contact details
099	Not otherwise specified	Rejection does not fit into specific codes above
[TBA]	MPF Line has already been transferred	The requested line has already been transferred to the Access Seeker
[TBA]	Incorrect MPF Order type	The incorrect MPF Order type has been used.

APPENDIX D – CABLE SPECIFICATIONS

Cable specifications are now listed at Chorus' website, www.chorus.co.nz.

APPENDIX E – TECHNICAL DOCUMENTS

Technical documents are now listed at Chorus' website, www.chorus.co.nz.

APPENDIX F – FORECAST CLUSTERS AND FORECAST SERVICE AREAS

Exchange Name	Forecast Cluster	Forecast Cluster Name	Forecast Service Area	FSA Name
AIREDALE STREET	FC06	AK CBD	CSA08	Auckland Central
AUCKLAND CENTRAL	FC06	AK CBD	CSA08	Auckland Central
AVONDALE	FC07	AK Central	CSA08	Auckland Central
BLOCKHOUSE BAY	FC07	AK Central	CSA08	Auckland Central
ELLERSLIE	FC07	AK Central	CSA08	Auckland Central
GLENDOWIE	FC07	AK Central	CSA08	Auckland Central
MT ALBERT	FC06	AK CBD	CSA08	Auckland Central
MAYORAL DRIVE	FC06	AK CBD	CSA08	Auckland Central
MT EDEN	FC06	AK CBD	CSA08	Auckland Central
MT ROSKILL	FC07	AK Central	CSA08	Auckland Central
NEW LYNN	FC07	AK Central	CSA08	Auckland Central
ONEHUNGA	FC07	AK Central	CSA08	Auckland Central
PONSONBY	FC06	AK CBD	CSA08	Auckland Central
REMUERA	FC06	AK CBD	CSA08	Auckland Central
ST HELIERS BAY	FC07	AK Central	CSA08	Auckland Central
THREE KINGS	FC07	AK Central	CSA08	Auckland Central
TAMAKI	FC07	AK Central	CSA08	Auckland Central
WAIHEKE	FC07	AK Central	CSA08	Auckland Central
ALBANY	FC03	Glenfield	CSA09	Auckland North
BIRKENHEAD	FC04	Northshore	CSA09	Auckland North
BIRKDALE	FC04	Northshore	CSA09	Auckland North
BROWNS BAY	FC03	Glenfield	CSA09	Auckland North
DEVONPORT	FC04	Northshore	CSA09	Auckland North
FORREST HILL	FC04	Northshore	CSA09	Auckland North
GLEN EDEN	FC05	Henderson	CSA09	Auckland North
GLENFIELD	FC03	Glenfield	CSA09	Auckland North
GREENHITHE	FC03	Glenfield	CSA09	Auckland North
HELENSVILLE	FC03	Glenfield	CSA09	Auckland North
HUIA	FC05	Henderson	CSA09	Auckland North
HENDERSON	FC05	Henderson	CSA09	Auckland North
KUMEU	FC03	Glenfield	CSA09	Auckland North
MASSEY	FC05	Henderson	CSA09	Auckland North
TE ATATU	FC05	Henderson	CSA09	Auckland North
TORBAY	FC03	Glenfield	CSA09	Auckland North
TITIRANGI	FC05	Henderson	CSA09	Auckland North
TAKAPUNA	FC04	Northshore	CSA09	Auckland North
WAITAKERE	FC05	Henderson	CSA09	Auckland North
WHENUAPAI	FC03	Glenfield	CSA09	Auckland North

WAIMAUKU	FC03	Glenfield	CSA09	Auckland North
WAIATARUA	FC05	Henderson	CSA09	Auckland North
AWHITU	FC10	Counties	CSA07	Auckland South
BEACHLANDS	FC08	Howick	CSA07	Auckland South
BOMBAY	FC10	Counties	CSA07	Auckland South
CLEVEDON	FC10	Counties	CSA07	Auckland South
EAST TAMAKI	FC08	Howick	CSA07	Auckland South
GLENBROOK	FC10	Counties	CSA07	Auckland South
GLEN MURRAY	FC10	Counties	CSA07	Auckland South
HOWICK	FC08	Howick	CSA07	Auckland South
HUNUA	FC10	Counties	CSA07	Auckland South
KARAKA	FC10	Counties	CSA07	Auckland South
KAIAUA	FC10	Counties	CSA07	Auckland South
MANUKAU CITY	FC09	Papatoetoe	CSA07	Auckland South
MARAMARUA	FC10	Counties	CSA07	Auckland South
MANUREWA	FC10	Counties	CSA07	Auckland South
MANGERE	FC09	Papatoetoe	CSA07	Auckland South
MANGATANGI	FC10	Counties	CSA07	Auckland South
MT WELLINGTON	FC09	Papatoetoe	CSA07	Auckland South
OTARA	FC08	Howick	CSA07	Auckland South
OTAHUHU	FC09	Papatoetoe	CSA07	Auckland South
ONEWHERO	FC10	Counties	CSA07	Auckland South
PAPAKURA	FC10	Counties	CSA07	Auckland South
PAKURANGA	FC08	Howick	CSA07	Auckland South
PATUMAHOE	FC10	Counties	CSA07	Auckland South
POKENO	FC10	Counties	CSA07	Auckland South
PAPATOETOE	FC09	Papatoetoe	CSA07	Auckland South
PORT WAIKATO	FC10	Counties	CSA07	Auckland South
PUKEKOHE	FC10	Counties	CSA07	Auckland South
PUKEKAWA	FC10	Counties	CSA07	Auckland South
RUNCIMAN	FC10	Counties	CSA07	Auckland South
RUAKAWAKAWA	FC10	Counties	CSA07	Auckland South
TUAKAU	FC10	Counties	CSA07	Auckland South
WAIAMAU PA	FC10	Counties	CSA07	Auckland South
WHITFORD	FC08	Howick	CSA07	Auckland South
WAIUKU	FC10	Counties	CSA07	Auckland South
MERCER	FC10	Counties	CSA07	Auckland South
ASHHURST	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
ALICETOWN	FC22	Hutt Valley	CSA04	Eastern North Island
BELMONT	FC22	Hutt Valley	CSA04	Eastern North Island
BUNNYTHORPE	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
BAY VIEW	FC17	Hawkes Bay	CSA04	Eastern North Island
CHELTENHAM	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
CLIVE	FC17	Hawkes Bay	CSA04	Eastern North Island
CARTERTON	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
CLOVERLEA	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island

DANNEVIRKE	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
EASTBOURNE	FC22	Hutt Valley	CSA04	Eastern North Island
EKETAHUNA	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
FEILDING	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
FLAXMERE	FC17	Hawkes Bay	CSA04	Eastern North Island
FEATHERSTON	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
GLADSTONE	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
GREYTOWN	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
GLEN OROUA	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
GISBORNE	FC16	Gisborne	CSA04	Eastern North Island
HALCOMBE	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
HASTINGS	FC17	Hawkes Bay	CSA04	Eastern North Island
HIMATANGI	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
HAUMOANA	FC17	Hawkes Bay	CSA04	Eastern North Island
HAVELOCK NORTH	FC17	Hawkes Bay	CSA04	Eastern North Island
JOHN F KENNEDY	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
KAIRANGA	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
KELVIN GROVE	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
KIMBOLTON	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
LOWER HUTT	FC22	Hutt Valley	CSA04	Eastern North Island
LINTON	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
LYTTON WEST	FC16	Gisborne	CSA04	Eastern North Island
MAREWA	FC17	Hawkes Bay	CSA04	Eastern North Island
MARTINBOROUGH	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
MAHIA	FC17	Hawkes Bay	CSA04	Eastern North Island
MANUTUKE	FC16	Gisborne	CSA04	Eastern North Island
MARAEKAKAHO	FC17	Hawkes Bay	CSA04	Eastern North Island
MASTERTON	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
MAURICEVILLE	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
MATAWAI	FC16	Gisborne	CSA04	Eastern North Island
MAXWELLS LINE	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
NAPIER	FC17	Hawkes Bay	CSA04	Eastern North Island
NAENAE	FC22	Hutt Valley	CSA04	Eastern North Island
NUHAKA	FC17	Hawkes Bay	CSA04	Eastern North Island
NORSEWOOD	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
ONGA ONGA	FC17	Hawkes Bay	CSA04	Eastern North Island
OTAMAURI	FC17	Hawkes Bay	CSA04	Eastern North Island
OKAWA	FC17	Hawkes Bay	CSA04	Eastern North Island
OPIKI	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
ORMOND	FC16	Gisborne	CSA04	Eastern North Island
OTANE	FC17	Hawkes Bay	CSA04	Eastern North Island
PORANGAHAU	FC17	Hawkes Bay	CSA04	Eastern North Island
PAHIATUA	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
PATUTAHU	FC16	Gisborne	CSA04	Eastern North Island
PIRINOA	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
PALMERSTON NORTH	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island

PETONE	FC22	Hutt Valley	CSA04	Eastern North Island
RANGIOTU	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
RONGOTEA	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
RUATORIA	FC16	Gisborne	CSA04	Eastern North Island
SANSON	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
STOKES VALLEY	FC22	Hutt Valley	CSA04	Eastern North Island
TARADALE	FC17	Hawkes Bay	CSA04	Eastern North Island
TOLAGA BAY	FC16	Gisborne	CSA04	Eastern North Island
TIKITIKI	FC16	Gisborne	CSA04	Eastern North Island
TE KARAKA	FC16	Gisborne	CSA04	Eastern North Island
TIKOKINO	FC17	Hawkes Bay	CSA04	Eastern North Island
TOKOMARU BAY	FC16	Gisborne	CSA04	Eastern North Island
TOKOMARU	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
TE PUIA SPRINGS	FC16	Gisborne	CSA04	Eastern North Island
TAKAPAU	FC17	Hawkes Bay	CSA04	Eastern North Island
TURITEA	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
TE ARAROA	FC16	Gisborne	CSA04	Eastern North Island
UPPER HUTT	FC22	Hutt Valley	CSA04	Eastern North Island
UPPER HUTT NORTH	FC22	Hutt Valley	CSA04	Eastern North Island
WAIROA	FC17	Hawkes Bay	CSA04	Eastern North Island
WOODVILLE	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
WHANGARA	FC16	Gisborne	CSA04	Eastern North Island
WAIPAWA	FC17	Hawkes Bay	CSA04	Eastern North Island
WAITUNA WEST	FC20	Manawatu/Wairarapa	CSA04	Eastern North Island
WAINUIOMATA	FC22	Hutt Valley	CSA04	Eastern North Island
WAIMARAMA	FC17	Hawkes Bay	CSA04	Eastern North Island
WANSTEAD	FC17	Hawkes Bay	CSA04	Eastern North Island
WAIPIKURAU	FC17	Hawkes Bay	CSA04	Eastern North Island
ANDERSONS BAY	FC33	Otago	CSA01	Lower South Island
ALBURY	FC32	South Canterbury	CSA01	Lower South Island
ATAAHUA	FC31	Christchurch South	CSA01	Lower South Island
ALEXANDRA	FC33	Otago	CSA01	Lower South Island
AKAROA	FC31	Christchurch South	CSA01	Lower South Island
ASHBURTON	FC32	South Canterbury	CSA01	Lower South Island
ARUNDEL	FC32	South Canterbury	CSA01	Lower South Island
ARROWTOWN	FC34	Southland	CSA01	Lower South Island
ASHWICK FLAT	FC32	South Canterbury	CSA01	Lower South Island
BALFOUR	FC34	Southland	CSA01	Lower South Island
BRIGHTON	FC33	Otago	CSA01	Lower South Island
BECKENHAM	FC31	Christchurch South	CSA01	Lower South Island
BALCLUTHA	FC33	Otago	CSA01	Lower South Island
BLUFF	FC34	Southland	CSA01	Lower South Island
CAVE	FC32	South Canterbury	CSA01	Lower South Island
CROMWELL	FC33	Otago	CSA01	Lower South Island
CLINTON	FC33	Otago	CSA01	Lower South Island
CORSTORPHINE	FC33	Otago	CSA01	Lower South Island

CLYDE	FC33	Otago	CSA01	Lower South Island
DUNBACK	FC33	Otago	CSA01	Lower South Island
DIAMOND HARBOUR	FC31	Christchurch South	CSA01	Lower South Island
DRUMMOND	FC34	Southland	CSA01	Lower South Island
DUNEDIN	FC33	Otago	CSA01	Lower South Island
DOBSON	FC27	West Coast	CSA01	Lower South Island
DORIE	FC32	South Canterbury	CSA01	Lower South Island
EDENDALE	FC34	Southland	CSA01	Lower South Island
ENFIELD	FC33	Otago	CSA01	Lower South Island
FRANZ JOSEF GLACIER	FC27	West Coast	CSA01	Lower South Island
FAIRLIE	FC32	South Canterbury	CSA01	Lower South Island
FOX GLACIER	FC27	West Coast	CSA01	Lower South Island
GRANITY	FC27	West Coast	CSA01	Lower South Island
GERALDINE	FC32	South Canterbury	CSA01	Lower South Island
GORE	FC34	Southland	CSA01	Lower South Island
GREEN ISLAND	FC33	Otago	CSA01	Lower South Island
GLENAVY	FC32	South Canterbury	CSA01	Lower South Island
GLENITI	FC32	South Canterbury	CSA01	Lower South Island
GREYMOUTH	FC27	West Coast	CSA01	Lower South Island
GOVERNORS BAY	FC31	Christchurch South	CSA01	Lower South Island
GREENPARK	FC31	Christchurch South	CSA01	Lower South Island
GARSTON	FC34	Southland	CSA01	Lower South Island
HAMPDEN	FC33	Otago	CSA01	Lower South Island
HINDS	FC32	South Canterbury	CSA01	Lower South Island
HALFWAY BUSH	FC33	Otago	CSA01	Lower South Island
HIGHBANK	FC32	South Canterbury	CSA01	Lower South Island
HILTON	FC32	South Canterbury	CSA01	Lower South Island
HILDERTHORPE	FC33	Otago	CSA01	Lower South Island
HOKITIKA	FC27	West Coast	CSA01	Lower South Island
HALFMOON BAY	FC34	Southland	CSA01	Lower South Island
HARIHARI	FC27	West Coast	CSA01	Lower South Island
HERIOT	FC34	Southland	CSA01	Lower South Island
HALSWELL	FC31	Christchurch South	CSA01	Lower South Island
HILLMORTON	FC31	Christchurch South	CSA01	Lower South Island
INVERCARGILL	FC34	Southland	CSA01	Lower South Island
INVERCARGILL EAST	FC34	Southland	CSA01	Lower South Island
INANGAHUA JUNCTION	FC27	West Coast	CSA01	Lower South Island
KAPUKA	FC34	Southland	CSA01	Lower South Island
KENNINGTON	FC34	Southland	CSA01	Lower South Island
KARAMEA	FC27	West Coast	CSA01	Lower South Island
KAITANGATA	FC33	Otago	CSA01	Lower South Island
KUROW	FC33	Otago	CSA01	Lower South Island
KUMARA	FC27	West Coast	CSA01	Lower South Island
LAWRENCE	FC33	Otago	CSA01	Lower South Island
LINCOLN	FC31	Christchurch South	CSA01	Lower South Island
LEITH VALLEY	FC33	Otago	CSA01	Lower South Island

LINWOOD	FC31	Christchurch South	CSA01	Lower South Island
LUMSDEN	FC34	Southland	CSA01	Lower South Island
LITTLE RIVER	FC31	Christchurch South	CSA01	Lower South Island
LEESTON	FC31	Christchurch South	CSA01	Lower South Island
LAKE TEKAPO	FC32	South Canterbury	CSA01	Lower South Island
LYTTELTON	FC31	Christchurch South	CSA01	Lower South Island
MAKIKIHI	FC32	South Canterbury	CSA01	Lower South Island
MAUNGATI	FC32	South Canterbury	CSA01	Lower South Island
MACANDREW BAY	FC33	Otago	CSA01	Lower South Island
MT COOK	FC32	South Canterbury	CSA01	Lower South Island
MIDDLEMARCH	FC33	Otago	CSA01	Lower South Island
MAYFIELD	FC32	South Canterbury	CSA01	Lower South Island
MILLERS FLAT	FC33	Otago	CSA01	Lower South Island
MAORI HILL	FC33	Otago	CSA01	Lower South Island
MAHENO	FC33	Otago	CSA01	Lower South Island
MILTON	FC33	Otago	CSA01	Lower South Island
MOKIHINUI	FC27	West Coast	CSA01	Lower South Island
MAKAREWA	FC34	Southland	CSA01	Lower South Island
MORNINGTON	FC33	Otago	CSA01	Lower South Island
MOSSBURN	FC34	Southland	CSA01	Lower South Island
MOTUKARARA	FC31	Christchurch South	CSA01	Lower South Island
MT PLEASANT	FC31	Christchurch South	CSA01	Lower South Island
MANAPOURI	FC34	Southland	CSA01	Lower South Island
MORVEN	FC32	South Canterbury	CSA01	Lower South Island
MOSGIEL	FC33	Otago	CSA01	Lower South Island
MT SOMERS	FC32	South Canterbury	CSA01	Lower South Island
MATAURA	FC34	Southland	CSA01	Lower South Island
METHVEN	FC32	South Canterbury	CSA01	Lower South Island
NGAHERE	FC27	West Coast	CSA01	Lower South Island
NIGHTCAPS	FC34	Southland	CSA01	Lower South Island
NORTH EAST VALLEY	FC33	Otago	CSA01	Lower South Island
OWAKA	FC33	Otago	CSA01	Lower South Island
OTAUTAU	FC34	Southland	CSA01	Lower South Island
OHAI	FC34	Southland	CSA01	Lower South Island
OMARAMA	FC33	Otago	CSA01	Lower South Island
OTEMATATA	FC33	Otago	CSA01	Lower South Island
OMAKAU	FC33	Otago	CSA01	Lower South Island
OUTRAM	FC33	Otago	CSA01	Lower South Island
OREPUKI	FC34	Southland	CSA01	Lower South Island
OTATARA	FC34	Southland	CSA01	Lower South Island
OTIPUA	FC32	South Canterbury	CSA01	Lower South Island
OAMARU	FC33	Otago	CSA01	Lower South Island
OAMARU NORTH	FC33	Otago	CSA01	Lower South Island
ORAWIA	FC34	Southland	CSA01	Lower South Island
PAROA	FC27	West Coast	CSA01	Lower South Island
PUKERAU	FC34	Southland	CSA01	Lower South Island

PORTOBELLO	FC33	Otago	CSA01	Lower South Island
PORT CHALMERS	FC33	Otago	CSA01	Lower South Island
PALMERSTON	FC33	Otago	CSA01	Lower South Island
PLEASANT POINT	FC32	South Canterbury	CSA01	Lower South Island
QUEENSTOWN	FC34	Southland	CSA01	Lower South Island
RAKAIA	FC32	South Canterbury	CSA01	Lower South Island
RYAL BUSH	FC34	Southland	CSA01	Lower South Island
RIVERTON	FC34	Southland	CSA01	Lower South Island
REEFTON	FC27	West Coast	CSA01	Lower South Island
RANFURLY	FC33	Otago	CSA01	Lower South Island
ROSS	FC27	West Coast	CSA01	Lower South Island
RAVENSBORNE	FC33	Otago	CSA01	Lower South Island
RUNANGA	FC27	West Coast	CSA01	Lower South Island
RIVERSDALE	FC34	Southland	CSA01	Lower South Island
ROXBURGH	FC33	Otago	CSA01	Lower South Island
SOUTH DUNEDIN	FC33	Otago	CSA01	Lower South Island
SOUTHBIDGE	FC31	Christchurch South	CSA01	Lower South Island
SPRINGSTON	FC31	Christchurch South	CSA01	Lower South Island
ST ANDREWS	FC32	South Canterbury	CSA01	Lower South Island
SOUTH INVERCARGILL	FC34	Southland	CSA01	Lower South Island
STUDHOLME	FC32	South Canterbury	CSA01	Lower South Island
SUMNER	FC31	Christchurch South	CSA01	Lower South Island
TAI TAPU	FC31	Christchurch South	CSA01	Lower South Island
TEMUKA	FC32	South Canterbury	CSA01	Lower South Island
TOKANUI	FC34	Southland	CSA01	Lower South Island
TE ANAU	FC34	Southland	CSA01	Lower South Island
TAPANUI	FC34	Southland	CSA01	Lower South Island
TARRAS	FC33	Otago	CSA01	Lower South Island
TUATAPERE	FC34	Southland	CSA01	Lower South Island
TIMARU	FC32	South Canterbury	CSA01	Lower South Island
TWIZEL	FC32	South Canterbury	CSA01	Lower South Island
THORNBURY	FC34	Southland	CSA01	Lower South Island
WHATAROA	FC27	West Coast	CSA01	Lower South Island
WAIANIWA	FC34	Southland	CSA01	Lower South Island
WASHDYKE	FC32	South Canterbury	CSA01	Lower South Island
WINCHMORE	FC32	South Canterbury	CSA01	Lower South Island
WOODLANDS	FC34	Southland	CSA01	Lower South Island
WAIMATE	FC32	South Canterbury	CSA01	Lower South Island
WILLOWBY	FC32	South Canterbury	CSA01	Lower South Island
WAIKOUAITI	FC33	Otago	CSA01	Lower South Island
WAIKAKA	FC34	Southland	CSA01	Lower South Island
WAIKIWI	FC34	Southland	CSA01	Lower South Island
WILLOWBANK	FC34	Southland	CSA01	Lower South Island
WAIMAHAKA	FC34	Southland	CSA01	Lower South Island
WANAKA	FC34	Southland	CSA01	Lower South Island
WAKANUI	FC32	South Canterbury	CSA01	Lower South Island

WINTON	FC34	Southland	CSA01	Lower South Island
WESTPORT	FC27	West Coast	CSA01	Lower South Island
WAIPAHI	FC34	Southland	CSA01	Lower South Island
WAKATIPU	FC34	Southland	CSA01	Lower South Island
WOODBURY	FC32	South Canterbury	CSA01	Lower South Island
WESTERFIELD	FC32	South Canterbury	CSA01	Lower South Island
WINDSOR	FC33	Otago	CSA01	Lower South Island
WAITANGI	FC31	Christchurch South	CSA01	Lower South Island
WAITATI	FC33	Otago	CSA01	Lower South Island
WYNDHAM	FC34	Southland	CSA01	Lower South Island
AWANUI	FC01	Northland	CSA10	Northland
AHIPARA	FC01	Northland	CSA10	Northland
BROADWOOD	FC01	Northland	CSA10	Northland
DARGAVILLE	FC02	Hibiscus	CSA10	Northland
HIBISCUS COAST	FC02	Hibiscus	CSA10	Northland
HIKURANGI	FC01	Northland	CSA10	Northland
KAMO	FC01	Northland	CSA10	Northland
KAEO	FC01	Northland	CSA10	Northland
KAWAU ISLAND	FC02	Hibiscus	CSA10	Northland
KERIKERI	FC01	Northland	CSA10	Northland
KAIPARA FLATS	FC02	Hibiscus	CSA10	Northland
KAIKOHE	FC01	Northland	CSA10	Northland
KIRIKOPUNI	FC02	Hibiscus	CSA10	Northland
KENSINGTON	FC01	Northland	CSA10	Northland
KAUKAPAKAPA	FC02	Hibiscus	CSA10	Northland
KAITAIA	FC01	Northland	CSA10	Northland
KAWAKAWA	FC01	Northland	CSA10	Northland
KAIWAKA	FC02	Hibiscus	CSA10	Northland
LEIGH	FC02	Hibiscus	CSA10	Northland
MAUNGATUROTO	FC02	Hibiscus	CSA10	Northland
MANGONUI	FC01	Northland	CSA10	Northland
MAUNGAKARAMEA	FC02	Hibiscus	CSA10	Northland
MANGAKAHIA	FC01	Northland	CSA10	Northland
MAHURANGI	FC02	Hibiscus	CSA10	Northland
MAUNGATAPERE	FC01	Northland	CSA10	Northland
MATAKANA	FC02	Hibiscus	CSA10	Northland
MANGAWHAI	FC02	Hibiscus	CSA10	Northland
NGUNGURU	FC01	Northland	CSA10	Northland
OKAIHAU	FC01	Northland	CSA10	Northland
OAKLEIGH	FC02	Hibiscus	CSA10	Northland
OPONONI	FC01	Northland	CSA10	Northland
ONERAHI	FC01	Northland	CSA10	Northland
OHAEAWAI	FC01	Northland	CSA10	Northland
PAPAROA	FC02	Hibiscus	CSA10	Northland
PERIA	FC01	Northland	CSA10	Northland
PAIHIA	FC01	Northland	CSA10	Northland

PUKENUI	FC01	Northland	CSA10	Northland
PUHOI	FC02	Hibiscus	CSA10	Northland
RED BEACH	FC02	Hibiscus	CSA10	Northland
RUSSELL	FC01	Northland	CSA10	Northland
RUATANGATA	FC01	Northland	CSA10	Northland
RUAKAKA	FC02	Hibiscus	CSA10	Northland
RUAWAI	FC02	Hibiscus	CSA10	Northland
RAWENE	FC01	Northland	CSA10	Northland
TOWAI	FC01	Northland	CSA10	Northland
WAIPU	FC02	Hibiscus	CSA10	Northland
WELLSFORD	FC02	Hibiscus	CSA10	Northland
WHANGARURU	FC01	Northland	CSA10	Northland
WAIHARARA	FC01	Northland	CSA10	Northland
WHAKAPARA	FC01	Northland	CSA10	Northland
WHANGAREI	FC01	Northland	CSA10	Northland
WHANGAREI HEADS	FC01	Northland	CSA10	Northland
WARKWORTH	FC02	Hibiscus	CSA10	Northland
PARUA	FC01	Northland	CSA10	Northland
AUROA	FC19	Taranaki	CSA06	Taranaki
BELL BLOCK	FC19	Taranaki	CSA06	Taranaki
BULLS	FC18	Wanganui	CSA06	Taranaki
ELTHAM	FC19	Taranaki	CSA06	Taranaki
FRANKLEIGH PARK	FC19	Taranaki	CSA06	Taranaki
GONVILLE	FC18	Wanganui	CSA06	Taranaki
HUNTERVILLE	FC18	Wanganui	CSA06	Taranaki
HAWERA	FC19	Taranaki	CSA06	Taranaki
INGLEWOOD	FC19	Taranaki	CSA06	Taranaki
KAPONGA	FC19	Taranaki	CSA06	Taranaki
KAI IWI	FC18	Wanganui	CSA06	Taranaki
LEPPERTON	FC19	Taranaki	CSA06	Taranaki
MANAIA	FC19	Taranaki	CSA06	Taranaki
MARTON	FC18	Wanganui	CSA06	Taranaki
MANUTAHU	FC19	Taranaki	CSA06	Taranaki
MOKAU	FC19	Taranaki	CSA06	Taranaki
NATIONAL PARK	FC18	Wanganui	CSA06	Taranaki
NORMANBY	FC19	Taranaki	CSA06	Taranaki
NEW PLYMOUTH	FC19	Taranaki	CSA06	Taranaki
OPUNAKE	FC19	Taranaki	CSA06	Taranaki
OKAIAWA	FC19	Taranaki	CSA06	Taranaki
OHAKUNE	FC18	Wanganui	CSA06	Taranaki
OAKURA	FC19	Taranaki	CSA06	Taranaki
OKATO	FC19	Taranaki	CSA06	Taranaki
PATEA	FC19	Taranaki	CSA06	Taranaki
RAETIHI	FC18	Wanganui	CSA06	Taranaki
RAHOTU	FC19	Taranaki	CSA06	Taranaki
STRATFORD	FC19	Taranaki	CSA06	Taranaki

SPOTSWOOD	FC19	Taranaki	CSA06	Taranaki
TAUMARUNUI	FC18	Wanganui	CSA06	Taranaki
TAIHAPE	FC18	Wanganui	CSA06	Taranaki
TURAKINA	FC18	Wanganui	CSA06	Taranaki
URENUI	FC19	Taranaki	CSA06	Taranaki
WANGANUI	FC18	Wanganui	CSA06	Taranaki
WANGANUI EAST	FC18	Wanganui	CSA06	Taranaki
WANGANUI GIRLS COLLEGE	FC18	Wanganui	CSA06	Taranaki
WHANGAEHU	FC18	Wanganui	CSA06	Taranaki
WAIOURU	FC18	Wanganui	CSA06	Taranaki
WAREA	FC19	Taranaki	CSA06	Taranaki
WAITARA	FC19	Taranaki	CSA06	Taranaki
WAVERLEY	FC18	Wanganui	CSA06	Taranaki
AONGATETE	FC13	Tauranga West	CSA05	Tauranga/Rotorua
BETHLEHEM	FC13	Tauranga West	CSA05	Tauranga/Rotorua
COROMANDEL	FC13	Tauranga West	CSA05	Tauranga/Rotorua
EDGE CUMBE	FC14	Tauranga East	CSA05	Tauranga/Rotorua
KAWERAU	FC14	Tauranga East	CSA05	Tauranga/Rotorua
KAINGAROA FOREST	FC15	Rotorua	CSA05	Tauranga/Rotorua
KAHAROA	FC15	Rotorua	CSA05	Tauranga/Rotorua
KATIKATI	FC13	Tauranga West	CSA05	Tauranga/Rotorua
LICHFIELD	FC15	Rotorua	CSA05	Tauranga/Rotorua
LYNMORE	FC15	Rotorua	CSA05	Tauranga/Rotorua
MANGAKINO	FC15	Rotorua	CSA05	Tauranga/Rotorua
MAKETU	FC14	Tauranga East	CSA05	Tauranga/Rotorua
MAMAKU	FC15	Rotorua	CSA05	Tauranga/Rotorua
MT MAUNGANUI	FC14	Tauranga East	CSA05	Tauranga/Rotorua
MATATOKI	FC13	Tauranga West	CSA05	Tauranga/Rotorua
MAUNGATAPU	FC14	Tauranga East	CSA05	Tauranga/Rotorua
MATATA	FC14	Tauranga East	CSA05	Tauranga/Rotorua
MURUPARA	FC15	Rotorua	CSA05	Tauranga/Rotorua
NGATEA	FC13	Tauranga West	CSA05	Tauranga/Rotorua
NGONGOTAHA	FC15	Rotorua	CSA05	Tauranga/Rotorua
NGAKURU	FC15	Rotorua	CSA05	Tauranga/Rotorua
OKERE FALLS	FC15	Rotorua	CSA05	Tauranga/Rotorua
OHOPE	FC14	Tauranga East	CSA05	Tauranga/Rotorua
OKAREKA	FC15	Rotorua	CSA05	Tauranga/Rotorua
OMOKOROA	FC13	Tauranga West	CSA05	Tauranga/Rotorua
OPOTIKI	FC14	Tauranga East	CSA05	Tauranga/Rotorua
OTUMOETAI	FC13	Tauranga West	CSA05	Tauranga/Rotorua
PACIFIC VIEW	FC14	Tauranga East	CSA05	Tauranga/Rotorua
PUKEHINA	FC14	Tauranga East	CSA05	Tauranga/Rotorua
PAENGAROA	FC14	Tauranga East	CSA05	Tauranga/Rotorua
PAPAMOA	FC14	Tauranga East	CSA05	Tauranga/Rotorua
PAEROA	FC13	Tauranga West	CSA05	Tauranga/Rotorua
PUKETURUA	FC15	Rotorua	CSA05	Tauranga/Rotorua

PUTARURU	FC15	Rotorua	CSA05	Tauranga/Rotorua
REPOROA	FC15	Rotorua	CSA05	Tauranga/Rotorua
REREWHAKAAITU	FC15	Rotorua	CSA05	Tauranga/Rotorua
ROTORUA	FC15	Rotorua	CSA05	Tauranga/Rotorua
ROTOITI	FC15	Rotorua	CSA05	Tauranga/Rotorua
TE PUNA	FC13	Tauranga West	CSA05	Tauranga/Rotorua
TAPU	FC13	Tauranga West	CSA05	Tauranga/Rotorua
TAIRUA	FC13	Tauranga West	CSA05	Tauranga/Rotorua
TANEATUA	FC14	Tauranga East	CSA05	Tauranga/Rotorua
TAURANGA	FC13	Tauranga West	CSA05	Tauranga/Rotorua
TURANGI	FC15	Rotorua	CSA05	Tauranga/Rotorua
THAMES	FC13	Tauranga West	CSA05	Tauranga/Rotorua
TIRAU	FC15	Rotorua	CSA05	Tauranga/Rotorua
TE KAHA	FC14	Tauranga East	CSA05	Tauranga/Rotorua
TOKOROA	FC15	Rotorua	CSA05	Tauranga/Rotorua
TAUPO	FC15	Rotorua	CSA05	Tauranga/Rotorua
TE PUKE	FC14	Tauranga East	CSA05	Tauranga/Rotorua
TURUA	FC13	Tauranga West	CSA05	Tauranga/Rotorua
TE RANGA	FC14	Tauranga East	CSA05	Tauranga/Rotorua
TE TEKO	FC14	Tauranga East	CSA05	Tauranga/Rotorua
TE PURU	FC13	Tauranga West	CSA05	Tauranga/Rotorua
WAIHI	FC13	Tauranga West	CSA05	Tauranga/Rotorua
WAOTU	FC15	Rotorua	CSA05	Tauranga/Rotorua
WAIHAU BAY	FC14	Tauranga East	CSA05	Tauranga/Rotorua
WAIHI BEACH	FC13	Tauranga West	CSA05	Tauranga/Rotorua
WELCOME BAY	FC14	Tauranga East	CSA05	Tauranga/Rotorua
WHENUAKITE	FC13	Tauranga West	CSA05	Tauranga/Rotorua
WHANGAMATA	FC13	Tauranga West	CSA05	Tauranga/Rotorua
WHAKATANE	FC14	Tauranga East	CSA05	Tauranga/Rotorua
WHITIANGA	FC13	Tauranga West	CSA05	Tauranga/Rotorua
WAITAKARURU	FC13	Tauranga West	CSA05	Tauranga/Rotorua
WAIMANA	FC14	Tauranga East	CSA05	Tauranga/Rotorua
WAIRAKEI	FC15	Rotorua	CSA05	Tauranga/Rotorua
AVONHEAD	FC28	North Canterbury	CSA02	Upper South Island
ATAWHAI	FC26	Nelson/Marlborough	CSA02	Upper South Island
AMBERLEY	FC28	North Canterbury	CSA02	Upper South Island
BELFAST	FC29	Christchurch North	CSA02	Upper South Island
BRIGHTWATER	FC26	Nelson/Marlborough	CSA02	Upper South Island
BURNHAM	FC28	North Canterbury	CSA02	Upper South Island
BLenheim	FC26	Nelson/Marlborough	CSA02	Upper South Island
BURWOOD	FC29	Christchurch North	CSA02	Upper South Island
CHRISTCHURCH	FC30	Christchurch City	CSA02	Upper South Island
CHEVIOT	FC28	North Canterbury	CSA02	Upper South Island
CANTERBURY TECHNOLOGY PARK	FC29	Christchurch North	CSA02	Upper South Island
CUST	FC28	North Canterbury	CSA02	Upper South Island
CULVERDEN	FC28	North Canterbury	CSA02	Upper South Island

COLLINGWOOD	FC26	Nelson/Marlborough	CSA02	Upper South Island
DARFIELD	FC28	North Canterbury	CSA02	Upper South Island
DUNSANDEL	FC28	North Canterbury	CSA02	Upper South Island
FENDALTON	FC29	Christchurch North	CSA02	Upper South Island
GLENTUNNEL	FC28	North Canterbury	CSA02	Upper South Island
HAWARDEN	FC28	North Canterbury	CSA02	Upper South Island
HORORATA	FC28	North Canterbury	CSA02	Upper South Island
HANMER SPRINGS	FC28	North Canterbury	CSA02	Upper South Island
HAREWOOD	FC29	Christchurch North	CSA02	Upper South Island
HAVELOCK	FC26	Nelson/Marlborough	CSA02	Upper South Island
ISLINGTON	FC28	North Canterbury	CSA02	Upper South Island
KAIAPOI	FC29	Christchurch North	CSA02	Upper South Island
KAIKOURA	FC26	Nelson/Marlborough	CSA02	Upper South Island
KIRWEE	FC28	North Canterbury	CSA02	Upper South Island
LOBURN	FC28	North Canterbury	CSA02	Upper South Island
LOWER MOUTERE	FC26	Nelson/Marlborough	CSA02	Upper South Island
LOCHMARA	FC26	Nelson/Marlborough	CSA02	Upper South Island
MURCHISON	FC26	Nelson/Marlborough	CSA02	Upper South Island
MIDDLETON	FC28	North Canterbury	CSA02	Upper South Island
MEMORIAL AVE	FC29	Christchurch North	CSA02	Upper South Island
MAPUA	FC26	Nelson/Marlborough	CSA02	Upper South Island
MOTUEKA	FC26	Nelson/Marlborough	CSA02	Upper South Island
NEW BRIGHTON	FC29	Christchurch North	CSA02	Upper South Island
NGATIMOTI	FC26	Nelson/Marlborough	CSA02	Upper South Island
NELSON	FC26	Nelson/Marlborough	CSA02	Upper South Island
OHOKA	FC28	North Canterbury	CSA02	Upper South Island
OMIHI	FC28	North Canterbury	CSA02	Upper South Island
OXFORD	FC28	North Canterbury	CSA02	Upper South Island
PARNASSUS	FC28	North Canterbury	CSA02	Upper South Island
PICTON	FC26	Nelson/Marlborough	CSA02	Upper South Island
PAPANUI	FC29	Christchurch North	CSA02	Upper South Island
RAI VALLEY	FC26	Nelson/Marlborough	CSA02	Upper South Island
RENWICK	FC26	Nelson/Marlborough	CSA02	Upper South Island
RICHMOND	FC26	Nelson/Marlborough	CSA02	Upper South Island
RICCARTON	FC28	North Canterbury	CSA02	Upper South Island
ROLLESTON	FC28	North Canterbury	CSA02	Upper South Island
RANGIORA	FC28	North Canterbury	CSA02	Upper South Island
ST ARNAUD	FC26	Nelson/Marlborough	CSA02	Upper South Island
SCARGILL	FC28	North Canterbury	CSA02	Upper South Island
SPRING CREEK	FC26	Nelson/Marlborough	CSA02	Upper South Island
SHEFFIELD	FC28	North Canterbury	CSA02	Upper South Island
SEDDON	FC26	Nelson/Marlborough	CSA02	Upper South Island
SEFTON	FC28	North Canterbury	CSA02	Upper South Island
SPENCERVILLE	FC29	Christchurch North	CSA02	Upper South Island
SHIRLEY	FC29	Christchurch North	CSA02	Upper South Island
STOKE	FC26	Nelson/Marlborough	CSA02	Upper South Island

ST ALBANS	FC29	Christchurch North	CSA02	Upper South Island
TAKAKA	FC26	Nelson/Marlborough	CSA02	Upper South Island
THORPE	FC26	Nelson/Marlborough	CSA02	Upper South Island
TAPAWERA	FC26	Nelson/Marlborough	CSA02	Upper South Island
TASMAN	FC26	Nelson/Marlborough	CSA02	Upper South Island
TAHUNANUI	FC26	Nelson/Marlborough	CSA02	Upper South Island
UPPER MOUERE	FC26	Nelson/Marlborough	CSA02	Upper South Island
WARD	FC26	Nelson/Marlborough	CSA02	Upper South Island
WAKEFIELD	FC26	Nelson/Marlborough	CSA02	Upper South Island
WOODEND	FC28	North Canterbury	CSA02	Upper South Island
WAIPARA	FC28	North Canterbury	CSA02	Upper South Island
WAIAU	FC28	North Canterbury	CSA02	Upper South Island
BRYMER	FC12	Waikato West	CSA11	Waikato
CAMBRIDGE	FC11	Waikato East	CSA11	Waikato
CLAUDELANDS	FC11	Waikato East	CSA11	Waikato
ELSTOW	FC11	Waikato East	CSA11	Waikato
EUREKA	FC11	Waikato East	CSA11	Waikato
FLAGSTAFF	FC11	Waikato East	CSA11	Waikato
FRANKTON	FC12	Waikato West	CSA11	Waikato
GORDONTON	FC11	Waikato East	CSA11	Waikato
HINUERA	FC11	Waikato East	CSA11	Waikato
HUNTLY	FC11	Waikato East	CSA11	Waikato
HAMILTON	FC12	Waikato West	CSA11	Waikato
HAMILTON EAST	FC11	Waikato East	CSA11	Waikato
HOROTIU	FC12	Waikato West	CSA11	Waikato
KIWITAHU	FC11	Waikato East	CSA11	Waikato
KAWHIA	FC12	Waikato West	CSA11	Waikato
MATAMATA	FC11	Waikato East	CSA11	Waikato
MANAWARU	FC11	Waikato East	CSA11	Waikato
MORRINSVILLE	FC11	Waikato East	CSA11	Waikato
MATANGI	FC11	Waikato East	CSA11	Waikato
MELVILLE	FC12	Waikato West	CSA11	Waikato
NGARUA	FC11	Waikato East	CSA11	Waikato
NGAHINAPOURI	FC12	Waikato West	CSA11	Waikato
NGARUAWAHIA	FC12	Waikato West	CSA11	Waikato
OTOROHANGA	FC12	Waikato West	CSA11	Waikato
OHAUPO	FC12	Waikato West	CSA11	Waikato
ORINI	FC11	Waikato East	CSA11	Waikato
OTEGA	FC12	Waikato West	CSA11	Waikato
PIO PIO	FC12	Waikato West	CSA11	Waikato
PIRONGIA	FC12	Waikato West	CSA11	Waikato
PARAWERA	FC12	Waikato West	CSA11	Waikato
RAGLAN	FC12	Waikato West	CSA11	Waikato
TE PAHU	FC12	Waikato West	CSA11	Waikato
TE AWAMUTU	FC12	Waikato West	CSA11	Waikato
TE POI	FC11	Waikato East	CSA11	Waikato

TE KAWA	FC12	Waikato West	CSA11	Waikato
TAHUNA	FC11	Waikato East	CSA11	Waikato
TE AROHA	FC11	Waikato East	CSA11	Waikato
TE KUITI	FC12	Waikato West	CSA11	Waikato
TE KOWHAI	FC12	Waikato West	CSA11	Waikato
TAUPIRI	FC11	Waikato East	CSA11	Waikato
TE RAPA	FC12	Waikato West	CSA11	Waikato
TE UKU	FC12	Waikato West	CSA11	Waikato
TE KAUWHATA	FC11	Waikato East	CSA11	Waikato
WARDVILLE	FC11	Waikato East	CSA11	Waikato
WAERENGA	FC11	Waikato East	CSA11	Waikato
WHATAWHATA	FC12	Waikato West	CSA11	Waikato
WALTON	FC11	Waikato East	CSA11	Waikato
WAITERIMU	FC11	Waikato East	CSA11	Waikato
WAITOA	FC11	Waikato East	CSA11	Waikato
COURTENAY PLACE	FC25	Wellington South	CSA03	Wellington
FOXTON BEACH	FC21	Horowhenua	CSA03	Wellington
FOXTON	FC21	Horowhenua	CSA03	Wellington
HATAITAI	FC25	Wellington South	CSA03	Wellington
ISLAND BAY	FC25	Wellington South	CSA03	Wellington
JOHNSONVILLE	FC23	Porirua	CSA03	Wellington
KILBIRNIE	FC25	Wellington South	CSA03	Wellington
KELBURN	FC23	Porirua	CSA03	Wellington
KHANDALLAH	FC23	Porirua	CSA03	Wellington
KARORI	FC23	Porirua	CSA03	Wellington
LEVIN	FC21	Horowhenua	CSA03	Wellington
MIRAMAR	FC25	Wellington South	CSA03	Wellington
MANAKAU	FC21	Horowhenua	CSA03	Wellington
OTAKI	FC21	Horowhenua	CSA03	Wellington
PAEKAKARIKI	FC21	Horowhenua	CSA03	Wellington
PUKERUA BAY	FC21	Horowhenua	CSA03	Wellington
PLIMMERTON	FC21	Horowhenua	CSA03	Wellington
PARAPARAUMU	FC21	Horowhenua	CSA03	Wellington
PORIRUA	FC23	Porirua	CSA03	Wellington
RAUMATI	FC21	Horowhenua	CSA03	Wellington
SHANNON	FC21	Horowhenua	CSA03	Wellington
TE HORO	FC21	Horowhenua	CSA03	Wellington
TITAHU BAY	FC21	Horowhenua	CSA03	Wellington
TAWA	FC23	Porirua	CSA03	Wellington
WAIKANAE	FC21	Horowhenua	CSA03	Wellington
WELLINGTON	FC24	Wellington City	CSA03	Wellington
WHITBY	FC21	Horowhenua	CSA03	Wellington
WELLINGTON SOUTH	FC25	Wellington South	CSA03	Wellington
WAITANGIRUA	FC21	Horowhenua	CSA03	Wellington