

UCLL & UCLF Backhaul Performance Report

Consolidated

March 2017

Unbundled Copper Local Loop (UCLL) and Unbundled Copper Low Frequency Service (UCLF) Backhaul Performance Reports are prepared each month to provide a comprehensive view of our performance over the preceding month. These reports measure our performance against service levels defined in the UCLL Backhaul Standard Term Determinations.

Executive summary

There was one Service Level Default this month: SL 16 (Availability of OFM), a Service Level Default Report for this Service Level can be found in the appendix of this report

Points to note

Orders may have been excluded from Service Level calculations where the default was the direct result of an action that is the Access Seeker's responsibility under the UCLL & UCLF Backhaul Standard Terms Determinations

Defaults that occur at the Access Seeker level but not at the consolidated level are reported to the relevant Access Seeker, in their individual performance report.

Further Information

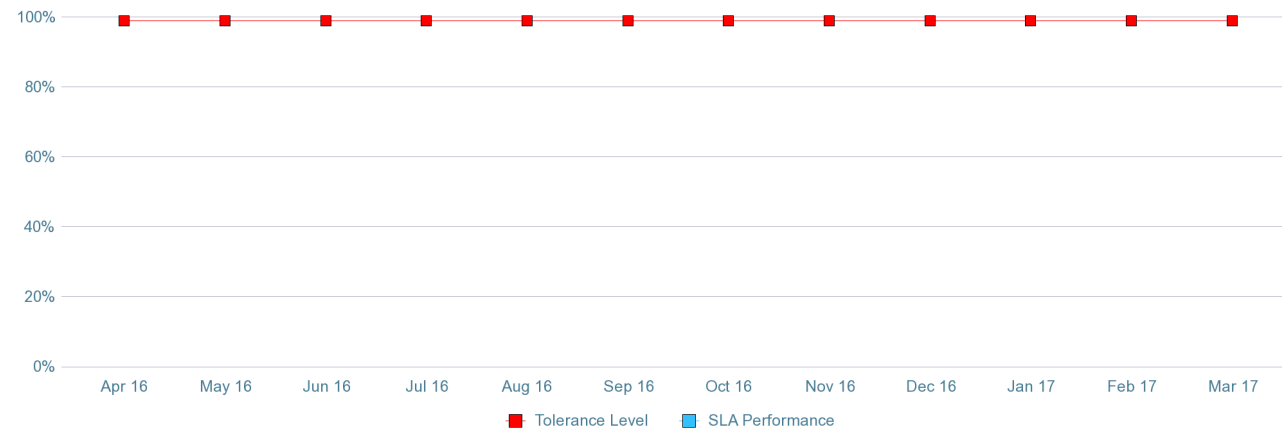
If you have queries, please email your Chorus Account Manager.



Provisioning Backhaul services

This section covers Backhaul provisioning service, including ordering, notifications, and outages.

SL 1 - Orders acknowledged within four business hours of order receipt – All Orders



Commentary

No orders were received this month

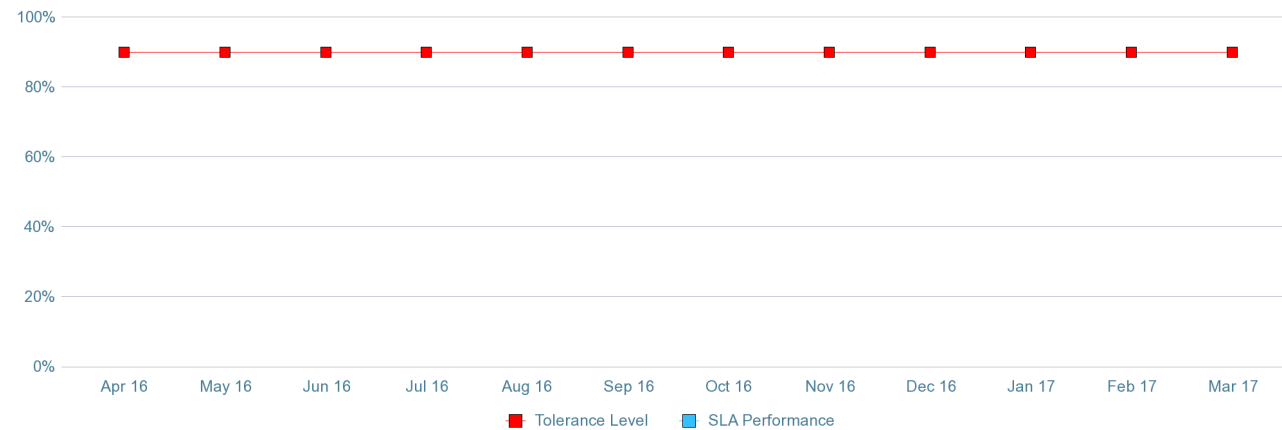
| | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | Sep 16 | Oct 16 | Nov 16 | Dec 16 | Jan 17 | Feb 17 | Mar 17 |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SLA Performance | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Tolerance Level | 99% | 99% | 99% | 99% | 99% | 99% | 99% | 99% | 99% | 99% | 99% | 99% |



Provisioning Backhaul services

This section covers Backhaul provisioning service, including ordering, notifications, and outages.

SL 2 - Invalid order rejection notifications sent within eight business hours of receipt – All Orders



Commentary
No invalid orders received this month

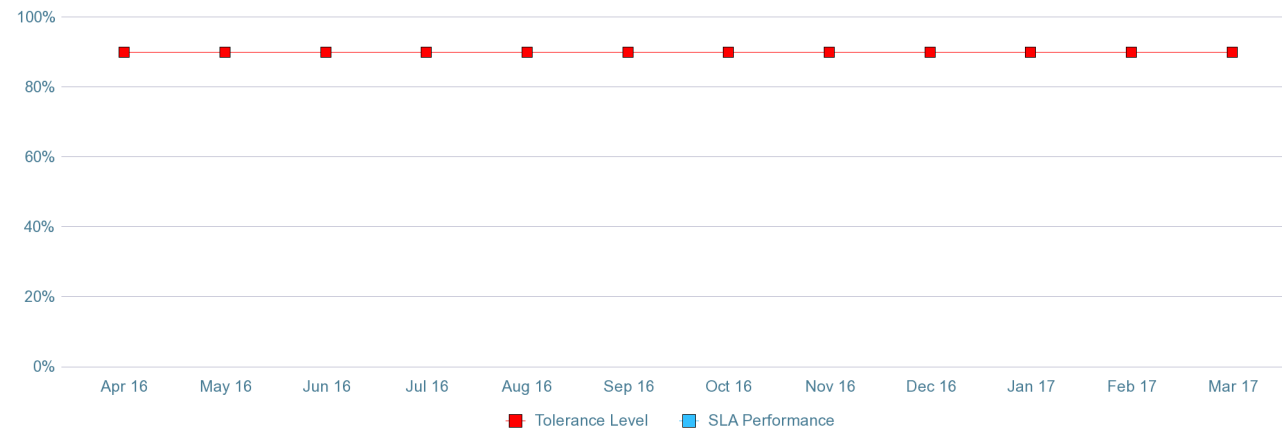
| | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | Sep 16 | Oct 16 | Nov 16 | Dec 16 | Jan 17 | Feb 17 | Mar 17 |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SLA Performance | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Tolerance Level | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |



Provisioning Backhaul services

This section covers Backhaul provisioning service, including ordering, notifications, and outages.

SL 3 - Notification of expected RFS dates sent within seven working days of deemed acceptance time – All Orders, except Speed Change orders not a requiring Truck Roll



Commentary

No orders were received this month

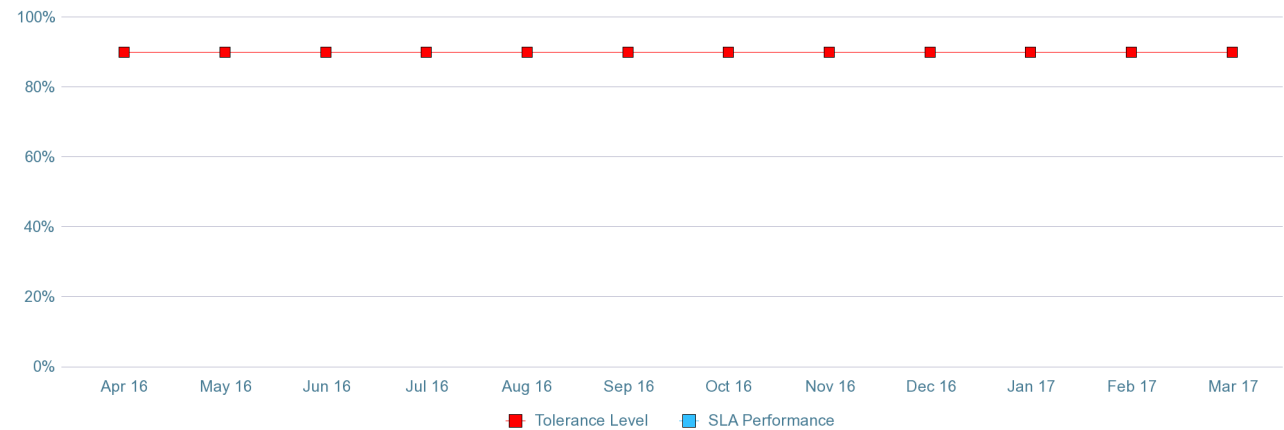
| | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | Sep 16 | Oct 16 | Nov 16 | Dec 16 | Jan 17 | Feb 17 | Mar 17 |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SLA Performance | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Tolerance Level | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |



Provisioning Backhaul services

This section covers Backhaul provisioning service, including ordering, notifications, and outages.

SL 4 - Notification of expected RFS dates sent within three working days of deemed acceptance time – Speed Change (no Truck Roll) Order



Commentary
No speed change orders were received this month

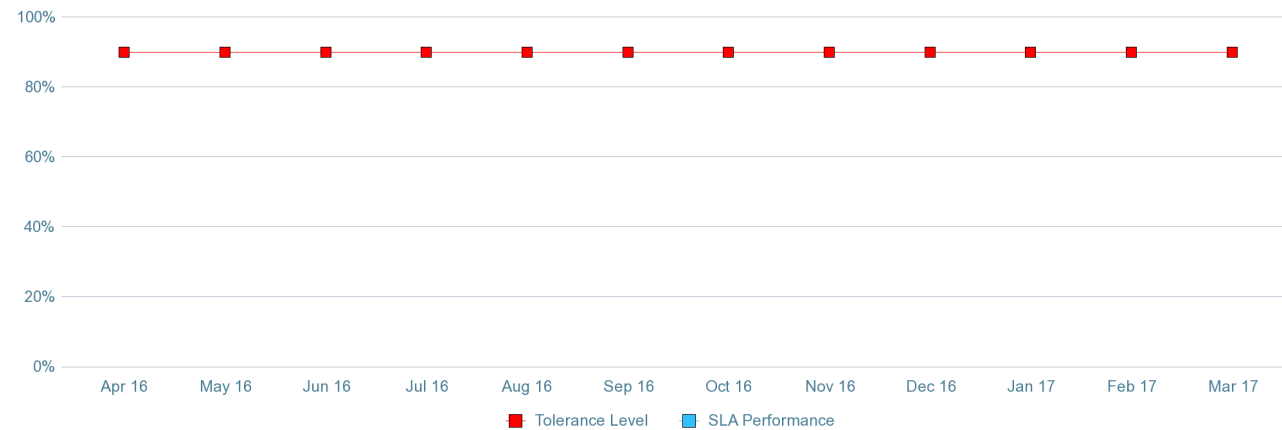
| | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | Sep 16 | Oct 16 | Nov 16 | Dec 16 | Jan 17 | Feb 17 | Mar 17 |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SLA Performance | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Tolerance Level | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |



Provisioning Backhaul services

This section covers Backhaul provisioning service, including ordering, notifications, and outages.

SL 5 - Order is completed right first time (level A) – for each service type



Commentary
No faults were reported this month

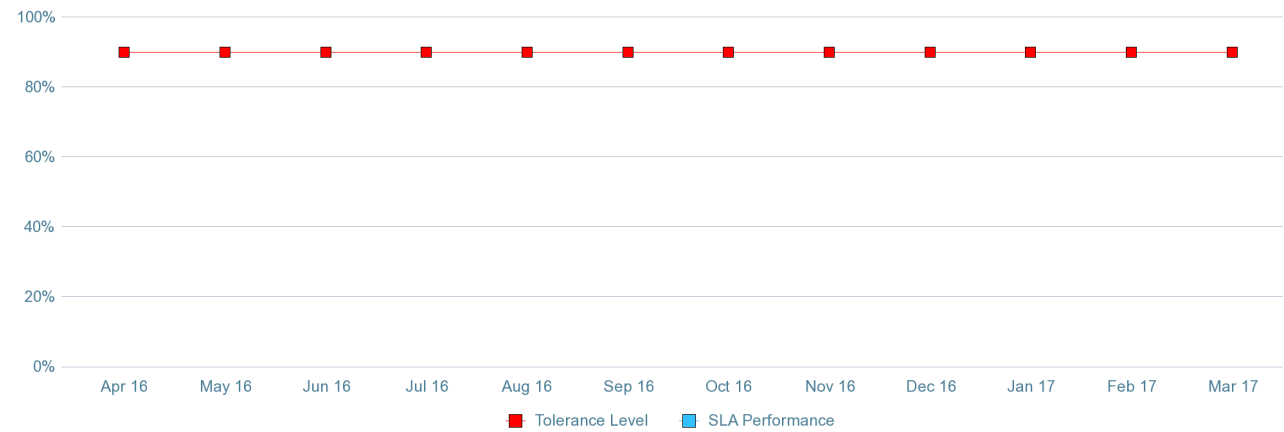
| | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | Sep 16 | Oct 16 | Nov 16 | Dec 16 | Jan 17 | Feb 17 | Mar 17 |
|---------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| New Connection | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Network Change | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Speed Change | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Relinquishment | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Handover Fibre | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Backhaul Connection | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| SLA Performance | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Tolerance Level | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |



Provisioning Backhaul services

This section covers Backhaul provisioning service, including ordering, notifications, and outages.

SL 6 - Order is completed by the notified expected RFS date (level A) - for each service type, excluding Relinquishment Orders



Commentary
No orders were completed this month

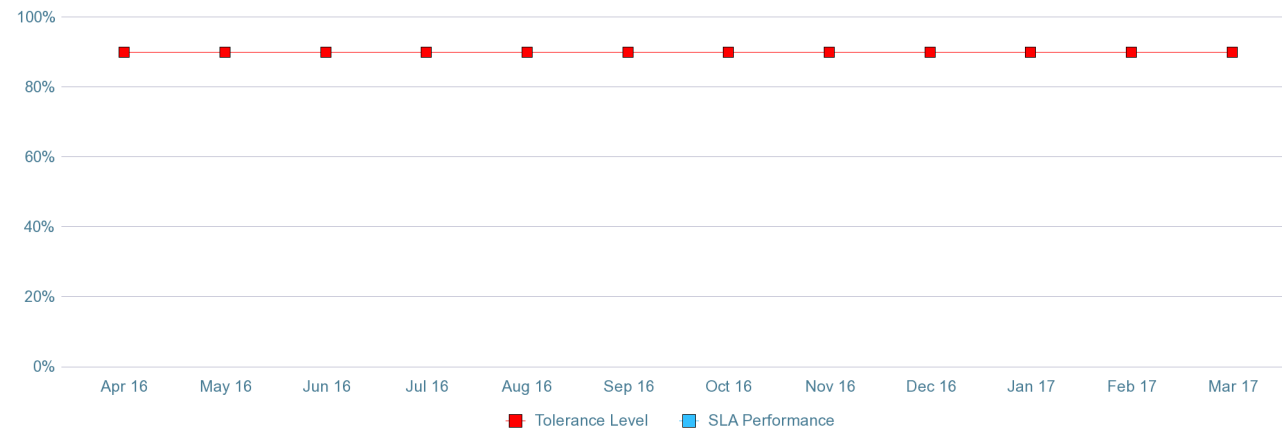
| | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | Sep 16 | Oct 16 | Nov 16 | Dec 16 | Jan 17 | Feb 17 | Mar 17 |
|---------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| New Connection | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Network Change | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Speed Change | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Relinquishment | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Handover Fibre | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Backhaul Connection | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| SLA Performance | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Tolerance Level | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |



Provisioning Backhaul services

This section covers Backhaul provisioning service, including ordering, notifications, and outages.

SL 7 - Order is completed by the notified expected RFS date – Relinquishment Orders



Commentary
No relinquishment orders were completed this month

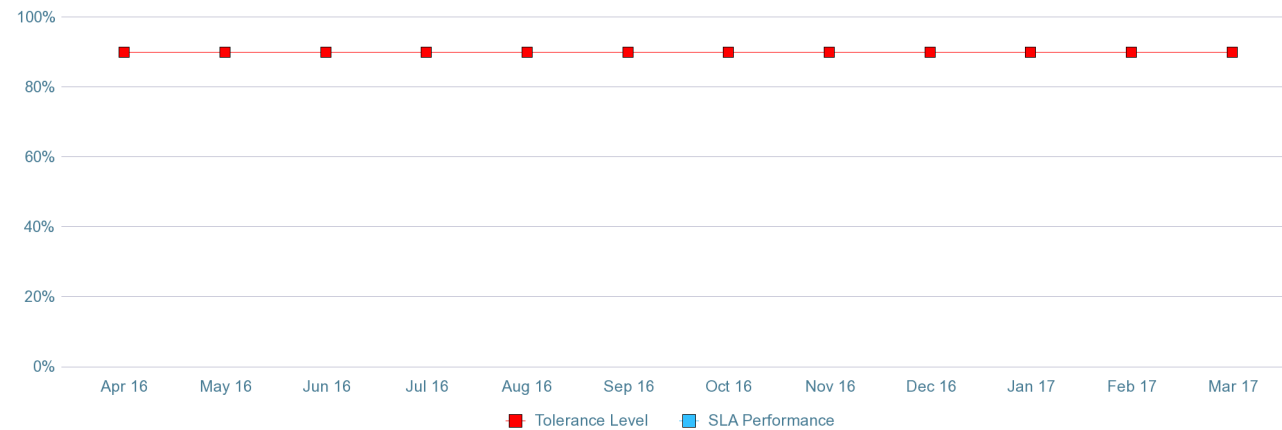
| | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | Sep 16 | Oct 16 | Nov 16 | Dec 16 | Jan 17 | Feb 17 | Mar 17 |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SLA Performance | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Tolerance Level | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |



Provisioning Backhaul services

This section covers Backhaul provisioning service, including ordering, notifications, and outages.

SL 8 - Notification of RFS date changes provided within three working days of change request receipt – All Orders



Commentary
No change requests were received this month

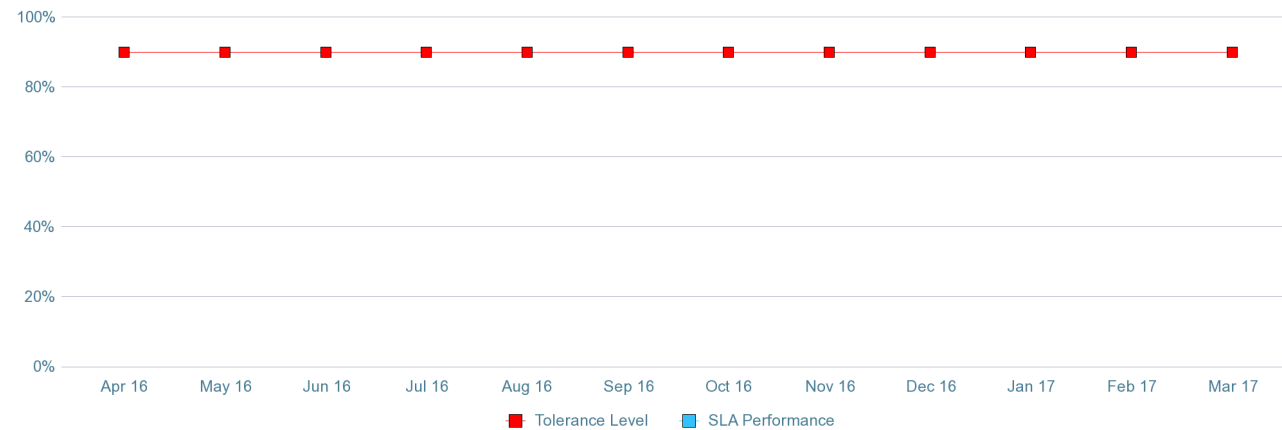
| | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | Sep 16 | Oct 16 | Nov 16 | Dec 16 | Jan 17 | Feb 17 | Mar 17 |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SLA Performance | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Tolerance Level | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |



Provisioning Backhaul services

This section covers Backhaul provisioning service, including ordering, notifications, and outages.

SL 9 - Completion confirmation sent within four business hours after order completion – All Orders



Commentary
No orders were completed this month

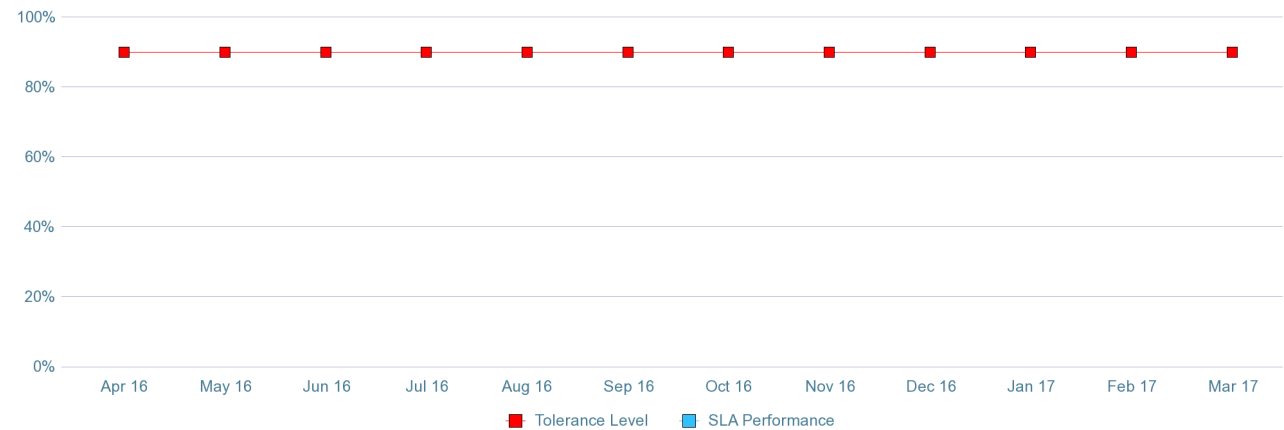
| | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | Sep 16 | Oct 16 | Nov 16 | Dec 16 | Jan 17 | Feb 17 | Mar 17 |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SLA Performance | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Tolerance Level | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |



Provisioning Backhaul services

This section covers Backhaul provisioning service, including ordering, notifications, and outages.

SL 10 - Planned outage notifications advised at least five working days before outage occurring



Commentary
No Planned Outages this month

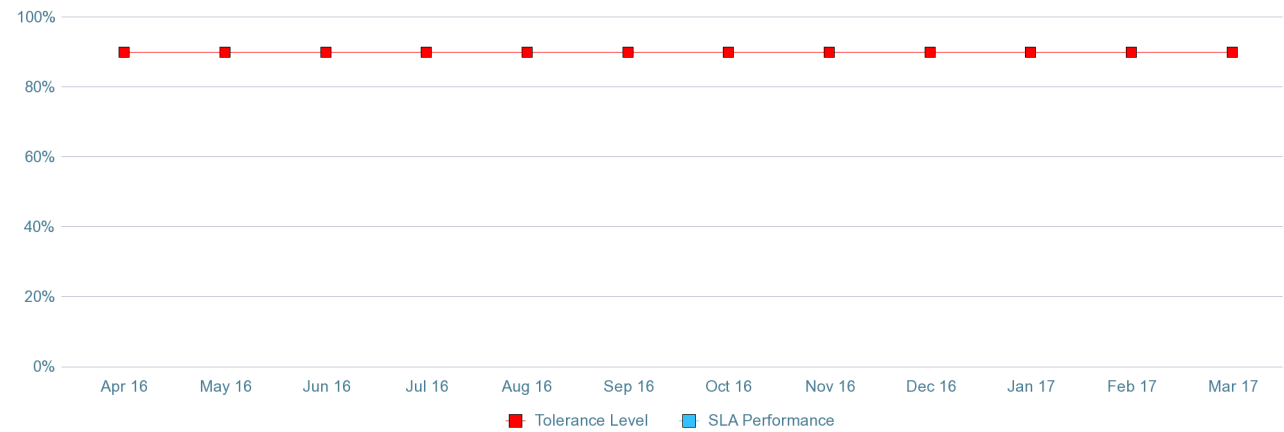
| | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | Sep 16 | Oct 16 | Nov 16 | Dec 16 | Jan 17 | Feb 17 | Mar 17 |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SLA Performance | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Tolerance Level | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |



Provisioning Backhaul services

This section covers Backhaul provisioning service, including ordering, notifications, and outages.

SL 11 - Unplanned outage notifications advised within two hours of Chorus discovering or receiving outage notice (24x7 basis)



Commentary
No Unplanned Outages this month

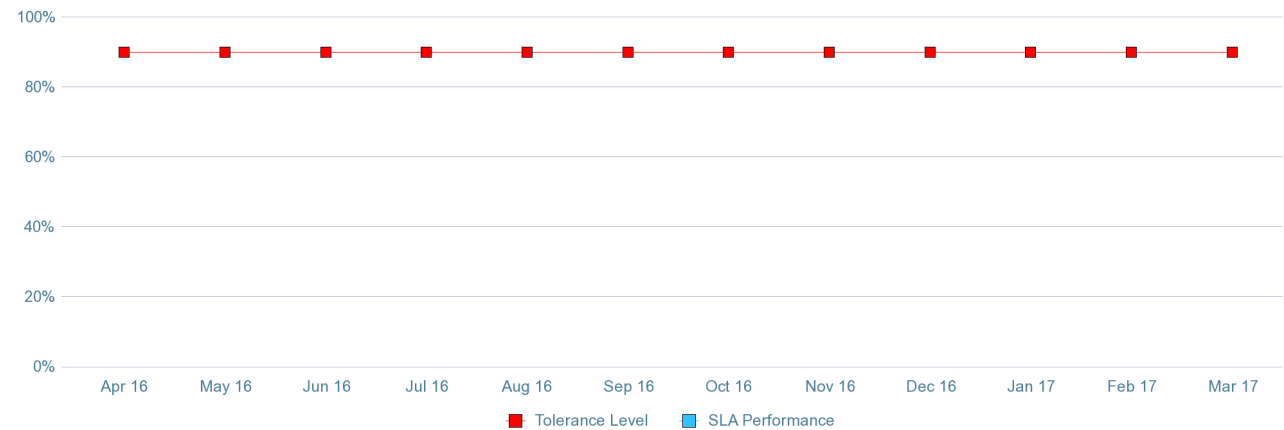
| | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | Sep 16 | Oct 16 | Nov 16 | Dec 16 | Jan 17 | Feb 17 | Mar 17 |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SLA Performance | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Tolerance Level | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |



Fault Management

This section covers fault receipt acknowledgement, notification, restoration

SL 12 - Fault report receipt acknowledgements provided within half a fault restoration hour of fault report



Commentary
No faults were reported this month

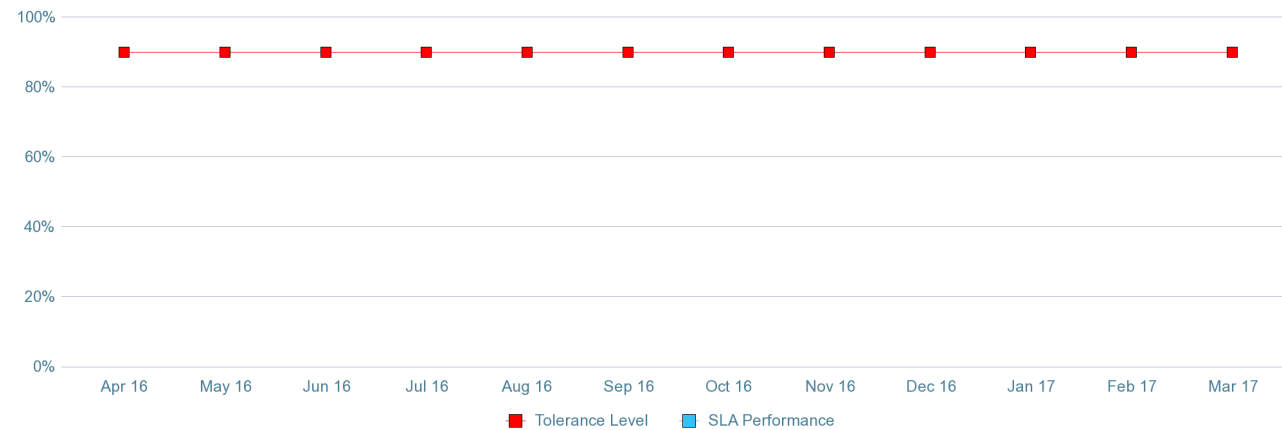
| | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | Sep 16 | Oct 16 | Nov 16 | Dec 16 | Jan 17 | Feb 17 | Mar 17 |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SLA Performance | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Tolerance Level | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |



Fault Management

This section covers fault receipt acknowledgement, notification, restoration

SL 13 - Expected fault restoration time notifications sent within four fault restoration hours of fault report or eight fault restoration hours where the fault relates to the technical service specifications



Commentary
No faults were reported this month

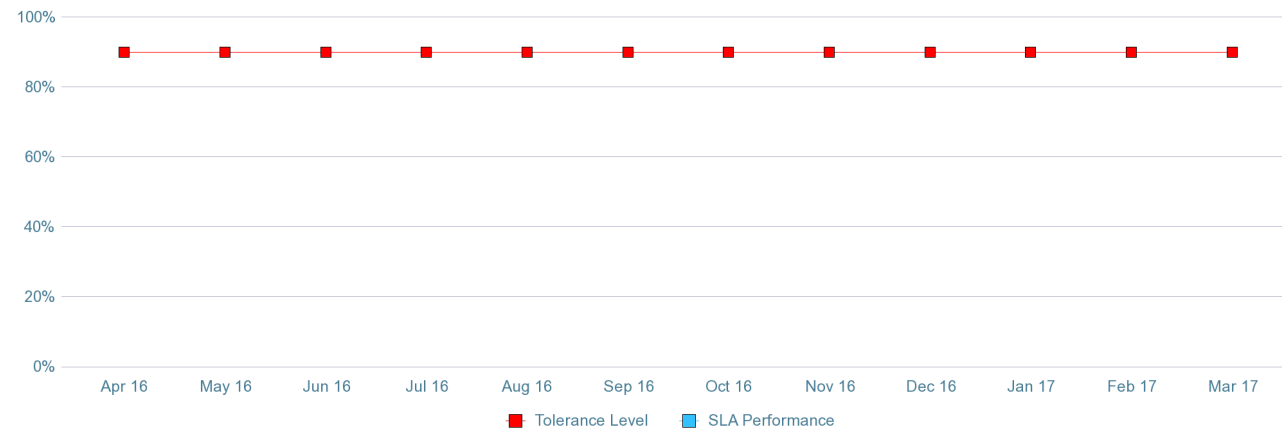
| | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | Sep 16 | Oct 16 | Nov 16 | Dec 16 | Jan 17 | Feb 17 | Mar 17 |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SLA Performance | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Tolerance Level | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |



Fault Management

This section covers fault receipt acknowledgement, notification, restoration

SL 14 - Faults restored within notified expected restoration time (level A)



Commentary
No faults were reported/restored this month

| | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | Sep 16 | Oct 16 | Nov 16 | Dec 16 | Jan 17 | Feb 17 | Mar 17 |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SLA Performance | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a |
| Tolerance Level | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% | 90% |

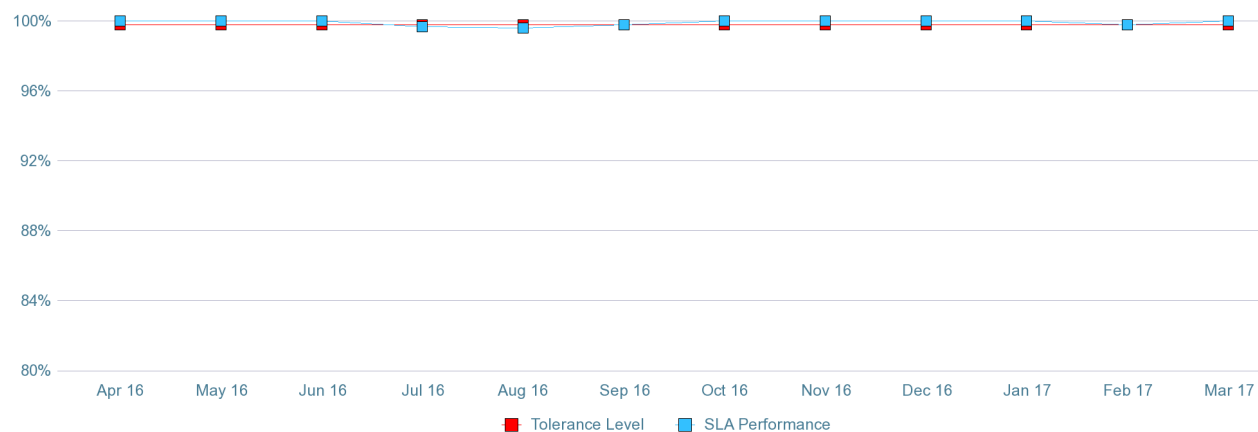


Operational support systems

This section covers operational support systems for access seekers

March 2017

SL 15 - Online Ordering & Tracking availability (24/7)



Commentary

Performance has met the required tolerance level

| | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | Sep 16 | Oct 16 | Nov 16 | Dec 16 | Jan 17 | Feb 17 | Mar 17 |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SLA Performance | 100.0% | 100.0% | 100.0% | 99.7% | 99.6% | 99.8% | 100.0% | 100.0% | 100.0% | 100.0% | 99.8% | 100.0% |
| Tolerance Level | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% |

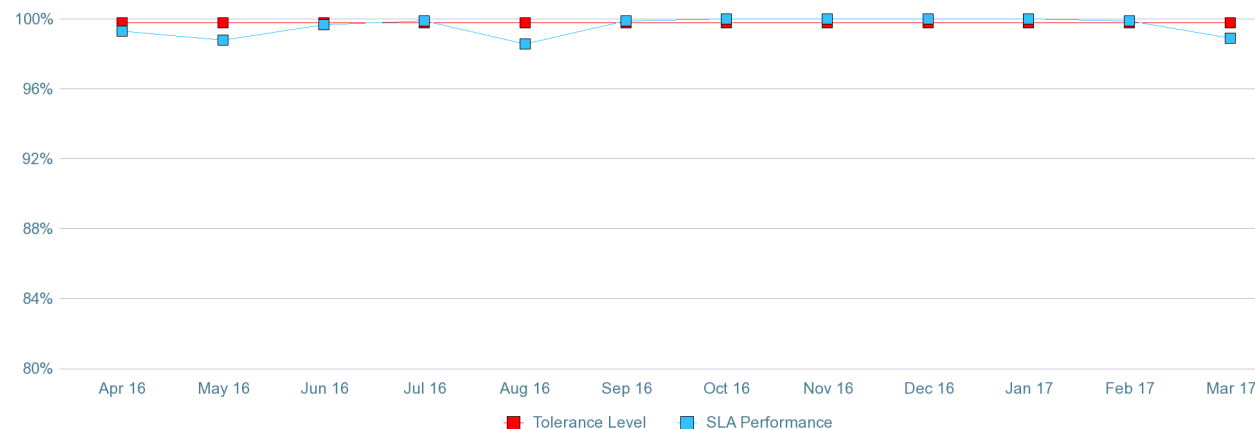


Operational support systems

This section covers operational support systems for access seekers

March 2017

SL 16 - Online Fault Management availability (24/7)



Commentary

Performance has not met the required tolerance level. See the SL16 Service Default Report for more information

| | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | Sep 16 | Oct 16 | Nov 16 | Dec 16 | Jan 17 | Feb 17 | Mar 17 |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SLA Performance | 99.3% | 98.8% | 99.7% | 99.9% | 98.6% | 99.9% | 100.0% | 100.0% | 100.0% | 100.0% | 99.9% | 98.9% |
| Tolerance Level | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% | 99.8% |



UCLL & UCLF Backhaul Service Level Default

March 2017

| | | | |
|----------|----|-----------------|-------|
| Item No. | 16 | Tolerance Level | 99.8% |
|----------|----|-----------------|-------|

| | |
|-------------------|------------------|
| Service Attribute | Availability OFM |
|-------------------|------------------|

| | |
|----------------------------------|--|
| Cause of default | Due to upgarde of system there was an outage |
| Procedure for correcting default | Service was restored |
| Steps taken to remedy default | Restarted the system |
| Effectiveness of steps taken | Root cause analysis is yet to be completed |
| Date of previous default | June 2016, August 2016 |



Full explanation of terms used in this report

March 2017

Note: Chorus has summarised the relevant Service Levels for the purpose of this report. For the full description of each relevant Service Level refer to Appendices 1 and 2 of the UCLL Backhaul Service Level Terms (UCLL Standard Terms Determination Schedule 3) which is available on the Commerce Commission's website at www.comcom.govt.nz

Provision of Backhaul Service

- SL 1 Percentage of Backhaul orders acknowledged within 4 business hours following receipt of the order
- SL 2 Percentage of rejection notifications for invalid Backhaul orders sent to the Access Seeker within 8 business hours following receipt time
- SL 3 Percentage of notification of expected RFS dates sent to the Access Seeker within 7 working days of the Deemed Acceptance Time
- SL 4 Percentage of notification of expected RFS dates sent to the Access Seeker within 3 working days of the Deemed Acceptance Time (Speed Change – no Truck Roll)
- SL 5 Percentage of Backhaul orders that experienced no Faults in work carried out to provision an order within 5 working days following confirmation by Chorus of completion of the order (Level A)
- SL 6 Percentage of Backhaul orders completed by the notified expected RFS date
- SL 7 Percentage of Backhaul Relinquishment orders completed by the notified expected RFS date
- SL 8 Percentage of notification of RFS date changes received within 3 working days following receipt of the requests to change an existing order
- SL 9 Percentage of confirmation of completions sent to the as within 4 business hours after the Backhaul order has been completed
- SL 10 Percentage of Planned Outage notifications advised to the Access Seeker at least 5 working days prior to the Planned Outage taking place
- SL 11 Percentage of Unplanned Outage notifications advised to the Access Seeker within 2 hours on a 24x7 basis of Chorus discovering or receiving notification of the Unplanned Outage

Fault Management for Backhaul Service

- SL 12 Percentage of unplanned outage notifications advised to the access seeker within 2 hours on a 24x7 basis of telecom discovering or receiving notification of the unplanned outage
- SL 13 Percentage of notifications advising the expected fault restoration time sent to the Access Seeker within 4 fault restoration hours of the fault being reported for Non technical Specification Faults & Percentage of notifications advising the expected fault restoration time sent to the Access Seeker within 8 fault restoration hours of the fault being reported for Technical Specification Faults
- SL 14 Percentage Of Faults restored within the notified expected restoration time

Operational Support Systems for Backhaul Service

- SL 15 Percentage of OO&T availability to the Access Seeker
- SL 16 Percentage of OFM availability to the Access Seeker

