

ENABLE UFB PRICE CAPS

As at 12 August 2013

This document, published and maintained by Crown Fibre Holdings Limited (CFH), sets out the Price Caps for Services offered by Enable Networks Limited (ENL) under its UFB Reference Offer. The Price Cap for a Service may not be the same as the Charge for that Service (although the Charges cannot exceed the Price Caps). Not all Services are subject to Price Caps. Please refer to the ENL Reference Offer, available at <http://www.enable.net.nz/about-enable/governance/ufb-reference-offer.html>, for a more detailed description of the Services listed below.

The structure of this document reflects the ENL Reference Offer Price List. Capitalised terms used in this document have the meanings given in the ENL Reference Offer, unless otherwise defined.

TRANSACTIONAL CHARGES ²			Charge Invoiced	Price Caps
1	BITSTREAM SERVICES			
1.1	Bitstream 2 Services Residential New Connection	The establishment of a new service instance of the Bitstream Service 2 where that installation is a residential Connection (i.e. there is no Bitstream transfer). The service is established from the provision of a Standard Install as described in the Bitstream 2 Service Description.	Completion of Service Order.	No Connection fee for residential Connections.
1.2	Bitstream 2 Services Business New Connection	The establishment of a new service instance of the Bitstream Service 2 where that installation is a Business Connection (i.e. there is no Bitstream transfer). The service is established from the provision of a Standard Install as described in the Bitstream 2 Service Description.	Completion of Service Order.	Charge equivalent to 1 month's recurring fee Price Cap for the relevant Bitstream 2 Service.
1.3	Bitstream 3, 3a Services New Connection	The establishment of a new service instance of the Bitstream 3, 3a Service (i.e. there is no Bitstream transfer). The service is established from the provision of a Standard Install as described in the Bitstream 3, 3a Service Descriptions.	Completion of Service Order.	Charge equivalent to 1 month's recurring fee Price Cap for the relevant Bitstream 3 or 3a Service (as applicable).
1.4	Bitstream 4 Services New Connection	The establishment of a new service instance of the Bitstream 4 Service (i.e. there is no Bitstream transfer). The service is established from the provision of a Standard Install as described in the Bitstream 4 Service Description.	Completion of Service Order.	Charge equivalent to 2 months' recurring fee Price Cap for the relevant Bitstream 4 Service.
1.5	E-NNI port Handover Connection Installation	Charge for ENL installing the E-NNI ports including connection on ENL's MOFDF and to Service Provider equipment located within the same Central Office (see full requirements in Bitstream Operations Manual).	Completion of Service Order.	\$300
1.6	Multicast Set-up	Set up new Service Provider with a Multicast domain in all Candidate Areas.	Completion of Service Order.	\$10,000
1.7	EDUCATION ONLY: Bitstream 2 Educational Services New Connection	The establishment of a new service instance of the Bitstream Service 2 where that installation is a education Connection (i.e. there is no Bitstream transfer). The service is established from the provision of a Standard Install as described in the Bitstream 2 Service Description.	Completion of Service Order.	Charge equivalent to 1 month's recurring fee Price Cap for the relevant Bitstream 2 education Service.
1.8	EDUCATION ONLY: Bitstream 3a Educational Services New Connection	The establishment of a new service instance of the Bitstream 3, 3a Service where that installation is an education Connection (i.e. there is no Bitstream transfer). The service is established from the provision of a Standard Install as described in the Bitstream 3a Service Description.	Completion of Service Order.	Charge equivalent to 1 month's recurring fee Price Cap for the relevant Bitstream 3a education Service.
1.9	EDUCATION ONLY: Bitstream 4 Educational Services New Connection	The establishment of a new service instance of the Bitstream 4 Service where that installation is an education Connection (i.e. there is no Bitstream transfer). The service is established from the provision of a Standard Install as described in the Bitstream 4 Service Description.	Completion of Service Order.	Charge equivalent to 2 months' recurring fee Price Cap for the relevant Bitstream 4 education Service.
1.10	Provision of Priority User service route diversity	Provision of diversity to an End User that is a Priority User and within the diversity areas specified in the Service Description, comprising a separate diverse fibre from a common FAP at the End User premises to a single point of entry and OFDF at a single Central Office. May include construction of a diverse duct and cabling route from the FAP at the End User premises to the Central Office, but excluding where the End User premises does not have an alternative road access route from the relevant Central Office within the Candidate Area.	Completion of Service Order.	Additional charge equivalent to 2 months' recurring fee Price Cap for the new diversity Service.
1.11	Provision of Priority User service route and entry point diversity	Provision of diversity to an End User that is a Priority User and within the diversity areas specified in the Service Description, comprising a separate diverse fibre from a separate FAP at the End User premises to a single point of entry and OFDF at a single Central Office. May include construction of a diverse duct and cabling route from the End User premises to the Central Office, but excluding where the End User premises does not have an alternative road access route from the relevant Central Office within the Candidate Area.	Completion of Service Order.	Additional charge equivalent to 2 months' recurring fee Price Cap for the new diversity Service.

5.14	GPON Bitstream Additional 2.5 Mbps CIR up	Additional standard monthly rental for additional 2.5 Mbps CIR up provided in association with items 5.1– 5.7 and items 5.30-5.32.	Monthly	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50
5.15	GPON Bitstream Additional 10 Mbps EIR down	Additional standard monthly rental for additional 10 Mbps EIR down provided in association with items 5.1– 5.7 and items 5.30-5.32.	Monthly	\$1.35	\$1.35	\$1.35	\$1.35	\$1.35	\$1.35	\$1.35	\$1.35	\$1.35	\$1.35
5.16	GPON Bitstream Additional 10 Mbps EIR up	Additional standard monthly rental for additional 10 Mbps EIR up provided in association with items 5.1– 5.7 and items 5.30-5.32.	Monthly	\$2.70	\$2.70	\$2.70	\$2.70	\$2.70	\$2.70	\$2.70	\$2.70	\$2.70	\$2.70
5.17	P2P Bitstream Additional 10 Mbps CIR symmetrical	Additional standard monthly rental for additional 10 Mbps CIR symmetrical provided in association with items 5.8-5.10 and items 5.33-5.34.	Monthly	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00
5.18	EDUCATION ONLY: P2P Bitstream Additional 10 Mbps CIR symmetrical	Additional standard monthly rental for additional 10 Mbps CIR symmetrical provided in association with items 5.33-5.34.	Monthly	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00
5.19	P2P Bitstream Additional 100 Mbps EIR symmetrical	Additional standard monthly rental for additional 100 Mbps EIR symmetrical provided in association with items 5.8-5.10 and items 5.33-5.34.	Monthly	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00
5.20	Voice Services	Voice only service. Standard monthly rental. Cannot be provided with a Bitstream 2, Bitstream 3 or Bitstream 3A Service Template. Note that there is no separate charge for the ATA Voice Service in the ENL Reference Offer Price List.	Monthly	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00
5.21	Additional Voice port	Additional standard monthly rental for additional voice port.	Monthly	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00
5.22	Additional Ethernet port	Additional standard monthly rental for additional Ethernet port.	Monthly	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00
5.23	WiFi Port	Requires an Ethernet port provided in association with items 5.1-5.7 or as additional port in item 5.22.	Monthly	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50	\$2.50
5.24	Multicast ongoing fee	Outgoing charge per Mbps.	Monthly	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00
5.25	Multicast ongoing fee	Outgoing charge per Mbps per OLT.	Monthly	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00
5.26	E-NNI port 1 Gbps Handover connection	Standard monthly rental.	Monthly	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00
5.27	E-NNI port 10 Gbps Handover connection	Standard monthly rental.	Monthly	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00	\$300.00
5.28	Layer Two Enhanced SLA 1	Additional standard monthly rental for enhanced service level provided in association with items 5.1 – 5.10.	Monthly	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00
5.29	Layer Two Enhanced SLA 2	Additional standard monthly rental for enhanced service level provided in association with items 5.1 – 5.10.	Monthly	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
5.30	EDUCATION ONLY: GPON Bitstream Educational Services 30 Mbps down / 30 Mbps up with 10 Mbps CIR symmetrical	Educational Services Bitstream 2 Template as per Bitstream 2 Service Description, section 3.4.4.	Monthly	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
5.31	EDUCATION ONLY: GPON Bitstream Educational Services 50 Mbps down / 50 Mbps up with 10 Mbps CIR symmetrical	Educational Services Bitstream 2 Template as per Bitstream 2 Service Description, section 3.4.4.	Monthly	\$58.00	\$58.00	\$58.00	\$58.00	\$58.00	\$58.00	\$58.00	\$58.00	\$58.00	\$58.00
5.32	EDUCATION ONLY: GPON Bitstream Educational Services 100 Mbps down / 100 Mbps up with 10 Mbps CIR symmetrical	Educational Services Bitstream 3A Template as per Bitstream 3A Service Description, section 3.4.4. Low Priority EIR is reduced as High Priority CIR is increased.	Monthly	\$150.00	\$150.00	\$143.57	\$137.14	\$130.71	\$124.29	\$117.86	\$111.43	\$105.00	
5.33	EDUCATION ONLY: P2P Bitstream 100 Mbps down / 100 Mbps up with 10Mbps CIR symmetrical	Bitstream 4 Service as described in Bitstream 4 Service Description. Standard monthly rental for 100 Mbps service.	Monthly	\$275.00	\$275.00	\$265.71	\$256.43	\$247.14	\$237.86	\$228.57	\$219.29	\$210.00	
5.34	EDUCATION ONLY: P2P Bitstream 1 Gbps down / 1 Gbps up with 10 CIR symmetrical	Bitstream 4 Service as described in Bitstream 4 Service Description. Standard monthly rental for 1 Gbps service.	Monthly	\$330.00	\$330.00	\$320.71	\$311.43	\$302.14	\$292.86	\$283.57	\$274.29	\$265.00	
5.35	Provision of Priority User service route diversity	Provision of diversity to an End User that is a Priority User and within the diversity areas specified in the Service Description, comprising a separate diverse fibre from a common FAP at the End User premises to a single point of entry and OFDF at a single Central Office.	Monthly	\$750, or a charge equivalent to the monthly recurring price cap for the most expensive Bitstream Service provided in respect of that End User at the relevant premises, whichever is the greater.									
5.36	Provision of Priority User service route and entry point diversity	Provision of diversity to an End User that is a Priority User and within the diversity areas specified in the Service Description, comprising a separate diverse fibre from a separate FAP at the End User premises to a single point of entry and OFDF at a single Central Office.	Monthly	\$1,500, or a charge equivalent to the monthly recurring price cap for the most expensive Bitstream Service provided in respect of that End User at the relevant premises, whichever is the greater.									
5.37	Provision of Priority User service route, entry point and Central Office diversity	Provision of diversity to an End User that is a Priority User and within the diversity areas specified in the Service Description, comprising a separate diverse fibre from a separate FAP at the End User premises to separate points of entry and separate OFDFs at a single Central Office, or to a second Central Office.	Monthly	No price cap is applicable to this Service.									

6 DIRECT FIBRE ACCESS SERVICE													
6.1	Direct Fibre Access Service Monthly Charge	Direct Fibre Access Service standard monthly rental.	Monthly	\$355.00	\$355.00	\$340.00	\$325.00	\$310.00	\$295.00	\$280.00	\$265.00	\$250.00	
6.2	Layer One Enhanced SLA 1	Additional standard monthly rental for enhanced service level provided in association with item 6.1.	Monthly	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00
6.3	Layer One Enhanced SLA 2	Additional standard monthly rental for enhanced service level provided in association with item 6.1.	Monthly	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
6.4	Layer One Enhanced SLA 3	Additional event critical care for enhanced service level provided in association with item 6.1.	Monthly	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00
6.5	Provision of Priority User service route diversity	Provision of diversity to an End User that is a Priority User and within the diversity areas specified in the Service Description, comprising a separate diverse fibre from a common FAP at the End User premises to a single point of entry and OFDF at a single Central Office.	Monthly	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00
6.6	Provision of Priority User service route and entry point diversity	Provision of diversity to an End User that is a Priority User and within the diversity areas specified in the Service Description, comprising a separate diverse fibre from a separate FAP at the End User premises to a single point of entry and OFDF at a single Central Office.	Monthly	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
6.7	Provision of Priority User service route, entry point and Central Office diversity	Provision of diversity to an End User that is a Priority User and within the diversity areas specified in the Service Description, comprising a separate diverse fibre from a separate FAP at the End User premises to separate points of entry and separate OFDFs at a single Central Office, or to a second Central Office.	Monthly	No price cap is applicable to this Service.									
7 CENTRAL OFFICE AND POI CO-LOCATION SERVICE													
7.1	Central Office and POI Co-location Service Footprint	Central Office 400mm x 600mm footprint standard monthly rental. Central Office classification in Operations Manual.	Monthly	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
7.2	Central Office and POI Co-location Service Full Rack	A full Central Office 600mm (w) x 800mm (d) x 2200mm (h) ETSI rack with a lockable door.	Monthly	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
7.3	Central Office and POI Co-location Service Half Rack	Half a Central Office 600mm (w) x 800mm (d) x 2200mm (h) ETSI rack with two lockable doors.	Monthly	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00	\$900.00
7.4	Central Office and POI Co-location Service Quarter Rack	Quarter of a Central Office 600mm (w) x 800mm (d) x 2200mm (h) ETSI rack with a lockable door.	Monthly	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00
8 FIBRE INTERCONNECTION SERVICE													
8.1	Fibre patch service	Fibre patch service to connect a Direct Fibre Access Service to another Direct Fibre Access Service or to connect to an Inter-CO Fibre Service.	Monthly	\$30.00	\$30.00	\$27.14	\$24.19	\$21.43	\$18.57	\$15.71	\$12.86	\$10.00	
8.2	Inter-CO fibre Service between Group A COs	Inter-CO Fibre Service to provide connection of Direct Fibre Access Services on a Group A Central Office to another Group A Central Office.	Monthly	\$350.00	\$350.00	\$335.71	\$321.43	\$307.14	\$292.86	\$278.57	\$264.29	\$250.00	
8.3	Inter-CO fibre diversity between Group A COs	Diversity comprising a separate diverse instance of the Inter-CO Fibre Service between single points of entry to each of two Group A Central Offices.	Monthly	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00	\$750.00
8.4	Inter-CO fibre diversity and entry point diversity between Group A COs	Diversity comprising a separate diverse instance of the Inter CO Fibre Service between two Group A Central Offices. Separate points of entry will be provided at each Central Office.	Monthly	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
8.5	Fibre Interconnection Service Enhanced SLA 1	Additional standard monthly rental for enhanced service level provided in association with items 8.1 and 8.2.	Monthly	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00	\$25.00
8.6	Fibre Interconnection Service Enhanced SLA 2	Additional standard monthly rental for enhanced service level provided in association with items 8.1 and 8.2.	Monthly	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00	\$50.00
8.7	Fibre Interconnection Service Enhanced SLA 3	Additional event critical care for enhanced service level provided in association with items 8.1 and 8.2.	Monthly	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00

* Each Price Cap applies from 1 July on a forward-looking basis. For example, the "1 July 2011" Price Cap applies to the period from 1 July 2011 to 30 June 2012. For the purpose of this document, the "1 July 2019" year ends on 31 December 2019.

ANCILLARY CHARGES			Charge Invoiced	Price Caps**
9 BITSTREAM SERVICES				
9.1	New Connection or plan change with no site visit required	Establishment of a new instance of a Wholesale Service over existing fibre or change to configuration of an existing instance of a Wholesale Service. This charge does not apply to establishment of a new Wholesale Service on existing fibre where there was no Connection fee for the original residential Connection.	Completion of Service Order.	Charge equivalent to 1 month's recurring fee for the new service. In the case of a new Connection the charge may not exceed the transactional Charge that would be payable to establish the service instance if an installation was required.
9.2	New Connection – Non-Standard Install	Additional charge for Connection of a Premises where the external or internal lead-in distances exceed the applicable Standard Install distance specified in the Operations Manual.	With approval of the Service Provider, following completion of Service Order.	Time and materials, calculated using the following rates: \$22.79 per additional underground metre, \$159.04 per additional overhead metre, \$8.80 per additional internal metre and \$60.50 per hour for jobs outside scheduled rates.

9.3	MDU new Connection - internal reticulation	MDU installation will require provision of backbone cabling in a MDU either vertical riser cabling or campus reticulation. It may also include cabling from FAP to OFDF, OFDF, splitters and cabling from backbone to individual tenancies as agreed with the Service Provider and the building owner or their agents. This item recovers the additional cost (if any) for installation of the backbone cable over the standard contribution that ENL provides.	Completion of Service Order.	Time and materials, calculated using the following rates: \$106 per hour for design, \$90 per hour for installation, plus the cost of materials. Less an amount equal to \$1,000 multiplied by the number of individual tenancies served by the backbone cabling. ENL will only charge for MDU reticulation where the cost of reticulation, calculated using above rates, exceed ENL's contribution of \$1,000/tenancy.
9.4	Provision of Priority User service route, entry point and Central Office diversity	Provision of diversity to an End User that is a Priority User and within the diversity areas specified in the Service Description, comprising a separate diverse fibre from a separate FAP at the End User premises to a separate point of entry and separate OFDF at a single Central Office, or to a second Central Office. May include construction of a diverse duct and cabling route from the End User premises to separate points of entry and separate OFDFs at a single Central Office, or to a second Central Office.	Completion of Service Order.	Time and materials, calculated using a rate of \$106 per hour for design and \$90 per hour for installation, plus the cost of materials.
9.5	No fault found	Fixed charge for fault call that is closed "no LFC fault found".	Completion of fault investigation.	\$104.83 fixed fee if a truck roll is required. \$40 fixed fee if no truck roll is required.
9.6	Inability to complete request.	Fixed charge for work that cannot be completed either because the order is cancelled by Service Provider or End User after the order has been passed to service company, or where access cannot be gained to End User's site at the agreed time where visit is required to deliver UFB Service, for a reason not caused by ENL. This charge will not apply where access was prevented by a Force Majeure event.	Following site visit or cancellation.	\$170 fixed fee.
9.7	Service Provider Operational Readiness Programme	Testing, training and consultation pursuant to the Operational Readiness Programme.	Completion of Service Order.	The first 50 hours of training and 25 hours of testing are provided without charge. Additional testing, training and consultation may be charged on a time and materials basis, calculated using the following rates: Interoperability testing: \$150 per hour; training service \$99.70 per hour, plus actual travel costs (as applicable the costs of flights, public transport fares, taxi fares and standard mileage rates for motor vehicles as published by Inland Revenue) to Service Provider's site.
9.8	Additional staff training	Charge for Service Provider staff training (at Service Provider's site) on the operation and use of OSS/ BSS. Maximum of 10 persons per course.	Completion of training.	Time and materials, calculated using the following rates: \$99.70 per hour, plus actual travel costs (as applicable the costs of flights, public transport fares, taxi fares and standard mileage rates for motor vehicles as published by Inland Revenue) to Service Provider's site.
9.9	Subsequent development of new UFB Service	Development of new UFB Service Templates as part of Product Development Process including testing and consultation.	Completion of development process.	Time and materials, calculated using the following rates: \$150 per hour plus the cost of materials.
9.10	Manual line testing and site investigation	Measurements performed by a specialist group of service company staff to ascertain actual rather than theoretical estimated Wholesale Service characteristics, such as might be required when an estimated result has returned a value that is marginal for an intended service. Includes site investigations.	Completion of investigation.	Time and materials, calculated using the following rates: \$85 per hour plus the cost of materials.
9.11	Additional Charges	Charges for the services provided by ENL referred to in clause 7.2 of the General Terms, to the extent not already covered by another Ancillary Charge.	Completion of Service Order.	Time and materials, calculated using the following rates: office resource \$99.70 per hour, field technician \$85 per hour, Central Office technician \$90 per hour, plus the cost of materials.
9.12	Non-specified Ancillary Charges	Where the Service Provider requests a service not already covered in the price List and ENL agrees to provide that service.	Completion of Service Order.	Time and materials, calculated using the following rates: office resource \$99.70 per hour, field technician \$85 per hour, Central Office technician \$90 per hour, plus the cost of materials.
9.13	Bitstream Transfer layer one change	The change in termination of a fibre on the MOFDF on request or to transfer of the Bitstream Service connected to an End User's premises from one Service Provider to another, as authorised by the End User.	Completion of Service Order.	Time and materials, calculated using the following rates. \$85 per hour plus the cost of materials.
9.14	Bitstream Transfer layer two change	The transfer of the Bitstream Service connected to an End User's Premises from one Service Provider to another, as authorised by the End User by change of port mapping.	Completion of Service Order.	\$24.93 fixed fee.
9.15	Bitstream relinquishment	Where the Service Provider terminates supply of the Bitstream 2, 3, 3a or 4 Service in respect of a particular End User. This entails ENL updating its records and billing. ENL may either physically disconnect the Bitstream at any point between the exchange and the End User's Premises or leave the Bitstream circuit intact.	Completion of Service Order.	Early Termination Charge (if any) in accordance with section 4 (Recurring Charges).
9.16	Access remapping	Design and reconfiguration of affected network elements to map existing Bitstream Service connections to a new Handover Point.	Completion of Service Order.	Time and materials. The basis for determining the charge is the estimated equipment, time and materials incurred to design and implement a re-mapping including network rebuild design and systems changes.
9.17	NBAP new Connection	Establishment of a new instance of a Bitstream or Direct Fibre Access Service Wholesale Service at an NBAP.	Completion of Service Order.	Time and materials, calculated using an hourly rate of \$85 per hour plus the cost of materials.
9.18	Direct Fibre Access transfer	The change in termination of a fibre on the MOFDF on request or to transfer the Direct Fibre Access Service connected to an End User's premises from one Service Provider to another.	Completion of Service Order.	Time and materials, calculated using an hourly rate of \$85 per hour plus the cost of materials.
9.19	Direct Fibre Access Service relinquishment	Where the Service Provider terminates supply of the Direct Fibre Access Service in respect of a particular Service Provider's End User. This entails ENL updating its records and billing. ENL may either physically disconnect the Direct Fibre Access Service at any point between the exchange and the End User's premises or leave the Bitstream circuit intact.	Completion of Service Order.	Early Termination Charge (if any) in accordance with section 4 (Recurring Charges).

9.20	Co-location space construction	Set up of a new instance of, or change to, Central Office and POI Co-location Service. The set up of a new co-location site for Service Provider will vary for each exchange and will include the following components: power feeds enhancement (DC); air conditioning enhancement; seismic rack mounts; cable tray and rack construction; exchange manhole breakout; room construction (including items such as demolition and reconstruction of rooms, refurbishment of floor wall and ceiling surfaces, construction of caging, installation of security systems, obtaining necessary permits and approvals, design and project management).	Completion of Service Order.	Time and materials, calculated using the following rates. \$106 per hour for design, \$90 per hour for installation, plus the cost of materials.																																																																												
9.21	Tie Cable installation	Charge for ENL installing the optic fibre tie cable pairs used to connect the block or splice tray on ENL's MOFDF and either the Service Provider's Footprint or the network cable to remotely located Service Provider Equipment, including cable trays and other associated infrastructure.	Completion of Service Order.	Set-up charge plus time and materials. Calculated using a set-up charge of \$184 plus an hourly rate of \$90 per hour plus the cost of materials.																																																																												
9.22	Co-location accreditation training	Co-location unaccompanied access accreditation training (including the provision of an Access Card)	Completion of training.	\$250/participant. This fixed fee is calculated based on a two hour course duration with a skilled trainer (cost \$99.70 per hour) plus course materials.																																																																												
9.23	Tie Cable Change or re-termination	A fibre change or re-termination requiring the changing of splice/connector change at the MOFDF to effect a port change.	Completion of re-termination.	Hourly rate of \$62 per hour.																																																																												
9.24	Fixing fault where Service Provider has no right of access	Charge for fixing of fault by ENL, at Service Provider's request, where Service Provider is responsible for the fault but has no right of access.	Completion of fault rectification	Set-up charge plus time and materials. Calculated using a set-up charge of \$184 plus an hourly rate of \$90 per hour plus the cost of materials.																																																																												
9.25	Central Office and POI Co-location Service relinquishment	Where the Service Provider terminates supply of the Central Office and POI Co-location Service in respect of a particular Central Office. This entails ENL updating its records and billing.	Completion of Service Order.	Early Termination Charge (if any) in accordance with section 4 (Recurring Charges).																																																																												
9.26	Internal removal	Relocation of a service instance of a Bitstream Service or a Direct Fibre Access Service at a Premises (i.e. there is no UFB transfer).	Completion of Service Order.	\$365 for Business Connection. \$145 for a Residential Connection.																																																																												
9.27	Change of ONT or NID	The additional charge to change the ONT or NID associated with an existing service instance of the Bitstream Service at a Premises where required to provide a new or changed service e.g. ATA voice, Ethernet or WiFi.	Completion of Service Order.	\$100 fixed fee.																																																																												
9.28	Central Office and POI Co-location Service power supply (for footprint/rack)	Central Office and POI Co-location Service power monthly rental. Central Office classification in Operations Manual.	Monthly in arrears.	<table border="1"> <thead> <tr> <th colspan="2">DC Circuit Breaker</th> <th colspan="4">AC Circuit Breaker</th> </tr> <tr> <th rowspan="2">DC Fuse Size</th> <th rowspan="2">Price</th> <th colspan="2">Not UPS Supported</th> <th colspan="2">UPS Supported</th> </tr> <tr> <th>AC Circuit Size Breaker AMP Size</th> <th>Price</th> <th>AC Circuit Size Breaker AMP Size</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>\$40.00</td> <td>1</td> <td>\$26.00</td> <td>1</td> <td>\$30.00</td> </tr> <tr> <td>10</td> <td>\$65.00</td> <td>2</td> <td>\$55.00</td> <td>2</td> <td>\$60.00</td> </tr> <tr> <td>16</td> <td>\$105.00</td> <td>3</td> <td>\$80.00</td> <td>3</td> <td>\$85.00</td> </tr> <tr> <td>20</td> <td>\$135.00</td> <td>4</td> <td>\$105.00</td> <td>4</td> <td>\$110.00</td> </tr> <tr> <td>25</td> <td>\$165.00</td> <td>5</td> <td>\$130.00</td> <td>5</td> <td>\$140.00</td> </tr> <tr> <td>32</td> <td>\$210.00</td> <td>6</td> <td>\$160.00</td> <td>6</td> <td>\$170.00</td> </tr> <tr> <td>40</td> <td>\$265.00</td> <td>7</td> <td>\$185.00</td> <td>7</td> <td>\$195.00</td> </tr> <tr> <td>48</td> <td>\$315.00</td> <td>8</td> <td>\$210.00</td> <td>8</td> <td>\$225.00</td> </tr> <tr> <td>50</td> <td>\$330.00</td> <td>9</td> <td>\$235.00</td> <td>9</td> <td>\$250.00</td> </tr> <tr> <td>63</td> <td>\$415.00</td> <td>10</td> <td>\$260.00</td> <td>10</td> <td>\$280.00</td> </tr> </tbody> </table>	DC Circuit Breaker		AC Circuit Breaker				DC Fuse Size	Price	Not UPS Supported		UPS Supported		AC Circuit Size Breaker AMP Size	Price	AC Circuit Size Breaker AMP Size	Price	6	\$40.00	1	\$26.00	1	\$30.00	10	\$65.00	2	\$55.00	2	\$60.00	16	\$105.00	3	\$80.00	3	\$85.00	20	\$135.00	4	\$105.00	4	\$110.00	25	\$165.00	5	\$130.00	5	\$140.00	32	\$210.00	6	\$160.00	6	\$170.00	40	\$265.00	7	\$185.00	7	\$195.00	48	\$315.00	8	\$210.00	8	\$225.00	50	\$330.00	9	\$235.00	9	\$250.00	63	\$415.00	10	\$260.00	10	\$280.00
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** Price Caps for Ancillary Services are current as at the date given in the title to this document, but may be adjusted from time to time to pass through increases or decreases in the cost of providing the Ancillary Services. This document will be updated following any such adjustment.