

# Information Disclosure Requirements Pricing Information Templates for Schedule 25

Regulated Provider
Disclosure Date
Disclosure Month (month ended)

Northpower Fibre
31 October 2023
30 April 2023

Templates for Schedule 25
Template Version 1. Prepared 30 November 2021

# **Disclosure Template Instructions**

These templates have been prepared for use by regulated providers when making disclosures under clause 2.4.5 of the Fibre Information Disclosure Determination 2021. These templates should be recorded monthly and disclosed after the second and fourth quarters of each disclosure year. In other words, these templates should be filled in for each month of the disclosure year, and disclosed as specified in clauses 2.4.5 and 2.4.6. This means that each disclosure will contain the same number of these templates as the number of months covered by the disclosure.

#### Company Name and Dates

To prepare the templates for disclosure, the regulated provider's company name should be entered in cell C9, of the Cover Sheet. The date of the last day of the current (disclosure) year should be entered in cell C13, and the date on which the information is disclosed should be entered in cell C11 of the CoverSheet worksheet.

The Cover Sheet cell entries are used in the template title blocks.

Dates should be entered in day/month/year order (Example -"31 December 2021").

#### Data Entry Cells and Calculated Cells

Data entered into this workbook may be entered only into the data entry cells. Data entry cells are the bordered, unshaded areas (white cells) in each template. Under no circumstances should data be entered into the workbook outside a data entry cell

In some cases, where the information for disclosure is able to be ascertained from disclosures elsewhere in the workbook, such information is disclosed in a calculated cell. Calculated cells and pre-defined cells are shaded.

#### **Inserting Additional Rows and Columns**

The Schedules may not have enough rows for all services that a regular provided must disclose on. Additional rows may be inserted to report on more services than the Schedules provide for.

For Schedule 25(iii), the Schedule may not provide for enough central offices. Additional columns in the same format as the existing columns may be inserted.

#### Schedule References

The references labelled 'ref' in the leftmost column of each template can be used to reference individual rows of the template. It may be useful to refer to a row when writing explanatory notes about a specific data point.

# Clarification of Reporting Area

'Reporting area' should be interpreted to mean the entire geographical area in which each ID-only regulated provider supplies regulated FFLAS until such time as applying regulations under s 226 of the Act requires a different geographical segmentation.

# Additional Information for Service Availability

Column I of Schedule 25(i) (Service available at all central offices) is a yes/no field. If a service is not available at all central offices within the Reporting Area, additional information is required to be disclosed for this service. This additional disclosure is done in Schedule 25(iii). Schedule 25(iii) only requires information on services that are not available for all central offices within the relevant Reporting Area. For each of these services, all central offices in the Reporting area should be listed, and for each central office whether the service is offered or not offered.

#### Service Level Reporting

To reduce the compliance burden, regulated providers may aggregate services to the level specified in the sheet 'Service-level Reporting'. However, regulated providers may complete Schedule 25 at a more disaggregate level for individual services if they have the capability to do so.

## Total Revenues and Total Value of Incentives

When completing columns for 'Total Revenues' in (i) and 'Total value of incentives' in (ii), revenues received (or incentives provided) should include those under non-standard contracts, aggregated to the service level reported in column E (across both standard and non-standard contracts).

Additional Clarification for Incentives Availability

Column G of Schedule 25(ii) (Incentive available in entire Reporting Area) is a yes/no field. If an incentive is not available in the entire Reporting Area, the locations within the relevant Reporting Area where that incentive is not available need to be disclosed. Specifically, a description of these locations or the rules governing the geographic availability of the incentive should be disclosed in the 'Incentive description' column (Column K).

If an incentive is not available in the entire Reporting Area because the service is not available at all COs, the incentive availability does not have to be reported separately, but can be cross-referred to the service availability as reported in Schedule 25(i) and Schedule 25(iii).

Information on where the incentive is not available needs to be disclosed at the same level of granularity as the rules that control the availability of the incentive. The availability of incentives does not need to be reported 'for each address', but if the rules on availability are linked to individual addresses, then the rule needs to be disclosed (eg, 'based on address list provided to access seekers').

If appropriate, provide the information on incentive availability in a separate document or refer to the relevant contract clause disclosed as part of the prescribed terms and conditions contract disclosures.

#### Additional Clarification for Prices

Depending on the nature of the service, only the relevant columns for 'List Connection charge', 'List Monthly charge', 'Total Connection Charges', 'Total Monthly Charges' and 'Other Charges' need to be filled in. For example, if there is no monthly charge, that column could be blank.

#### Multiple Value or Structured List Prices

The 'List prices' in Schedule 25(i) Pricing should be filled in where there is a single value associated with the service-level reporting. Where the relevant prices comprise of a structure of different values (eg for colocation, or complex connections, or in cases where multiple services are aggregated during DY2022 and DY2023):

- --- If the prices have already been disclosed as part of the standard contract disclosures under cl. 2.5.7 or 2.5.8, the columns should include the reference to where the prices have been disclosed (incl. clause references if relevant).
- -- If the prices have not been disclosed elsewhere, these should be reported in a separate sheet / file and the list prices columns should include the file/sheet references where these are provided.

# Worksheet Completion Sequence

Calculation cells may show an incorrect value until precedent cell entries have been completed. Information in Schedule 25(ii) may only need to be entered based on information entered in Schedule 25(i). Information in Schedule 25(iii) may only need to be entered based on information entered in Schedule 25(ii). Data entry may be assisted by completing the Schedules in the following order:

- 1. Cover Sheet
- 2. Schedule 25(i)
- 3. Schedule 25(ii)
- 4. Schedule 25(iii)

## Regulated FFLAS service-level reporting when completing Schedule 25

				Examples of an individual regula	ted service supplied by the ID-only	regulated providers in each FFLAS category						
FFLAS Category	FFLAS Category Description <sup>1</sup>	FFLAS sub-categories offered by ID- only regulated providers <sup>3</sup>	Key technical or performance characteristics that differentiate individual services	Tuatahi <sup>a</sup>	Enable <sup>4</sup>	Northpower	Maximum level of service aggregation when disclosing Schedule 25 for disclosure year 2024 and subsequent disclosure years	Examples of level of aggregation for reporting for disclosure year 2024 and subsequent disclosure years	Maximum level of service aggregation when disclosing Schedule 25 for disclosure years 2022 and 2023	Examples of level of aggregation for reporting in disclosure years 2022 and 2023		
Bitstream Passive Optical Network (PON) Services	Single or multi-class point-to-multipoint fibre access services (including, but not limited to, anchor services, Bitstream services, Bitstream 2, 3, 3A, Bitstream accelerate services, 10GPON, NGPON and multicast).	Bitstream 2/2A (GPON Bitstream, GPON Bitstream Educational), Bitstream 3/3A/3B, Multicast	For Bitstream senvices: -speed band downlyp (eg. 3,008/1,00MB; 1,00MB/2,00MB; 1,60 y 1,00MB, etc.); -speed traft (sas (CRI) downlyp (eg. 2,5MB/2,5MB; 1,00MB/2,5MB, etc.) Each of the following can be treated as a single service: - Multicast (sold generally by # of channels).	GPON Biststream 2/2 Ultra 30 Mbps down / 10 Mbps up with 2.5 Mbps symmetrical CIR with ATA port Service	GPON Bitstream 30 Mbps down / 10 Mbps up with 2.5 Mbps symmetrical CIR with ATA port Service	GPON Bitstream 30 Mbps down / 10 Mbps up with 2.5 Mbps symmetrical CIR with ATA port Service	Bitstream services aggregated:  - by speed band down/up combinations; - by CR down/up combinations; and - by segment (residential vs business).  At service level: - Multicast	- GPON Blistream 30 Mbps down / 10 Mbps up with 2.5 Mbps symmetrical CIR	Bitstream services aggregated:  - by speed band down/up combinations; - by CRI down/up combinations; and - by segment (residentiall vs business).  At service level:  - Multicast	- GPON Bitstream 30 Mbps down / 10 Mbps up with 2.5 Mbps symmetrical CIR		
Co-location and interconnection services	Network equipment accommodation and management services including network interconnection services (including, but not limited to, central office and point of interconnection (POI) co-location services, handover connections, Ethernet handover connections, tie cables and jumpering).	Handover Connection, Fibre Patching Service, Central Office and POI co- location service	For Handover links/connections: - bandwidht (eg. 1GB, 10GB, etc). For tie cables and similar services: - number of fibres in the cable Each of the following can be treated as a single service: - colocation - exchange space - fibre patching service - Jumpering service	E-NNI port 1 Gbps Handover connection   E-NNI port 1 Gbps Handover connection		E-NNI port 1 Gbps Handover connection	Aggregated by bandwidth (eg. 1GB, 1GGB, etc.) for each: - handower links - handower libre - handower flore - handower flore - handower flore - handower flore - the cables - TPAD  At service level: - colocation - exchange space - jumpering service - libre patching service	- E-NNI port 1 Gbps Handover connection - all colocation	Aggregated to: - exchange space - handovers - co-location - all other (ancillary) services	- all handover connections - all co-location		
Connection Services	Services to install and enable FFLAS between communal fibre network infrastructure and an end- user's premises, building or other access point (including, but not limited to, pre-wiring, cable and duct fit-out).	First time installation of a UNI for Voice services, Bitstream PON services, Unbundled PON services, point-to-point services.	Complexity of install, linked to individual PON or voice services	Bitstream 2 or Bitstream 2 Ultra Services Residential New Connection	Bitstream 2a Services Residential New Connection	Bitstream 2 Services Residential New Connection	Same as the level at which the service being connected is reported (see relevant FFLAS category)	- Bitstream 2 or Bitstream 2 Ultra Services Residential New Connection	Aggregated: - simple new connections - complex new connections [see definitions in Determination]	- all simple connections - all complex connections		
Point-to-point services	Single, multi-class or layer 1 point-to-point fibre access services (including, but not limited to, Bitstream 4, enhanced Bitstream 4, HSNS, BFAS and DFAS).	Bitstream 4 (P2P Bitstream, P2P Bitstream Educational), DFAS	For Layer 2 services (Bitstream): - bandwidth (100MB, 10B, 10GB, etc) - segment (educational, business, etc.) - speed band down/up (100MB/20MB, 300MB/100MB, etc) - speed traffic class (CR) down/up (2.5MB symmetric, 100MB/2.5MB, etc) - service level (lite vs premium). Each of the following can be treated as a single service: - BPAS - BPAS	P2P Bitstream 4 100 Mbps down / 100 Mbps up with 0 CIR Service	P2P Bitstream 100 Mbps down / 100 Mbps up with 0 CIR Service	P2P Bitstream 100 Mbps down / 100 Mbps up with 0 CIR Service	Layer 2 services aggregated:  - by speed band (down/up combinations); and  - by segment (business, educational, etc., where relevan).  At service level (tayer 1 services):  - DRAS	- PZP Bitstream 100 Mpps down / 100 Mpps up - PZP educational Bitstream additional 10 Mbps CIR symmetrical	Layer 2 services aggregated:  - by speed band (down/up combinations); and  - by segment (business, educational, etc., where relevant).  At service level (Layer 1 services):  - DFAS  - BFAS	- PZP Bitstream 100 Mbps down / 100 - PZP educational Bitstream additional 10 Mbps CIR symmetrical		
Transport Services	Layer 1 or managed throughput fibre services provided over the fibre network, to transport voice and data traffic between central offices, including central offices that are also POIs (including, but not limited to ICABS, TES and inter-CO fibre services; but excluding national / Inter-candidate area backhaul services such as Chorus Regional Transport).	Inter-CO Fibre Service	- by bandwidth (eg. 100MB, 1GB, 10GB, etc) - location (eg. metro, urban, rural, etc.) - distance (distance brakets for inter-CO Fibre services)	Inter-CO Fibre Service between Hamilton POIs, or between Tauranga POIs	Inter CO Fibre Service between Group A COs	Inter-CO Fibre Service between COs	Aggregated: - by type (if new services launched); and - by bandwith.	- Inter-CO Fibre Service between COs, 10Gb	Aggregated to: - Inter-CO Fibre Service	- all Inter-CO Fibre Services		
Unbundled PON services	Point-to-multipoint layer 1 fibre access services (including, but not limited to, PON fibre access services (PONFAS) and unbundled fibre services).	PONFAS	Each of the following can be treated as a single service: - PONFAS	PONFAS	PONFAS	PONFAS	At service level: - PONFAS	- PONFAS	At service level: - PONFAS	- PONFAS		
Voice Services	Services to enable the delivery of telephony and low speed data services over a fibre network (including, but not limited to, anchor services, baseband, ATA voice).	ATA Voice, Baseband	Each of the following can be treated as a single service: - ATA Voice - Baseband	Voice Services (Greenfields)	Voice Services	Voice Services	At service level: - ATA Voice - Baseband	- ATA Voice	Aggregated to: - all voice services	- All voice services		

Sources:

¹ Commerce Commission "Fibre input methodologies: Main final decisions – reasons paper" (13 October 2020), paragraph 2.108.

¹ Commerce Commission "Chorus' initial regulatory asset base as at 1 January 2022 – Draft Decisions" (19 August 2021), Table A1.

¹ See https://twathafilbre.co.nz/sdm\_downloads/uff-price-list/

¹ See https://www.enable.net.nz/assets/Reference-Offers/Enable-UFB-Price-List-Jul-2021-v7.13-FINAL.pdf

¹ See https://northpower.com/media/documents/Fibre-agreements-documents/NFL-Price-List-2021\_1\_Jul-v-2.4.pdf

30 April 2023

Reporting Level: ID FFLAS SCHEDULE 25(i): REPORT ON PRICING FOR ID Report Frequency: Monthly Connections and E-NNI/ colocation connections List prices **Total Revenues** ARPU May be Commission only Service available at Active ARPU ARPU Service changes List Monthly **Total Monthly** Other Regulated FFLAS all central List Connection charge Monthly Reporting Area Service description connections incentive<sup>1</sup> Connection Connection (No/New/ charges<sup>4</sup> charge<sup>2</sup> offices1 (closing) charge (opening) (Yes/No) charges charge Stopped/Other) (Yes/No) Layer 1 FFLAS DFAS Inter-CO quivalent to 2 month recurring fee 369.41 P2P services quivalent to 2 month recurring fee 365.01 P2P services #VALUE! #DIV/0! DFAS Patch Yes P2P services 14 15 16 17 18 19 20 21 22 23 ime & materials 1,652.98 Co-lo & interconnection services CO Co-locn Footprint (Quarter ime & materials 661.19 661.19 Co-lo & interconnection services No #VALUF Co-lo & interconnection services CO Co-location Power AC-10A No #DIV/0! #DIV/OI Co-lo & interconnection services CO Co-location Power AC-134 No N/A 340.00 #VALUE! #DIV/OI new last return Co-lo & interconnection services CO Co-location Power AC-3A 88.1 #VALUE! #DIV/0! Co-lo & interconnection services N/A #VALUE! #DIV/0! Co-lo & interconnection services CO Co-location Power DC-32A 231.4 #VALUE! #DIV/0! CO Co-location Power DC-50A 363.6 #VALUE! #DIV/0! Co-lo & interconnection services #VALUE! 457.3 #DIV/0! Co-lo & interconnection services CO Co-location Power DC-63A No #VALUE! Co-lo & interconnection services CO Co-location Power DC-6A 44.0 #DIV/0! 24 25 26 27 28 Co-lo & interconnection services eauivalent to 2 month recurrina fee \$ 2,691.31 \$ 51,641.25 \$ Layer 1 FFLAS Aggregated Revenues Layer 2 FFLAS Bitstream PON Services Bus equivalent to 1 month recurring fee. Res BS2 100M/50M CIR10.0M/2.5M 55.98 Bitstream PON Services Bus equivalent to 1 month recurring fee. Res BS2 100M/50M CIR2.5M/2.5M Bitstream PON Services Bus equivalent to 1 month recurring fee. Res BS2 30M/10M CIR5.0M/5.0M 55.05 Bitstream PON Services Bus equivalent to 1 month recurring fee. Res BS2 50M/20M CIR5.0M/5.0M 60.99 54.21 Bitstream PON Services Bus equivalent to 1 month recurring fee. Res BS2A 1000M/500M CIR2.5M/2.5M 66.86 Bus equivalent to 1 month recurring fee. Res Bitstream PON Services BS2A 1000M/500M CIR5.0M/5.0M 66.00 66.00 65.57 Bitstream PON Services Bus equivalent to 1 month recurring fee. Res BS2A 100M/100M CIR2.5M/2.5M 60.61 87.96 60.38 Bitstream PON Services Bus equivalent to 1 month recurring fee. Res BS2A 100M/50M CIR2.5M/2.5M Bus equivalent to 1 month recurring fee. Res Bitstream PON Services BS2A 100M/50M CIR5.0M/5.0M 55.07 Bitstream PON Services Bus equivalent to 1 month recurring fee, Res BS2A 200M/100M CIR2.5M/2.5M 10.74 63.82 Bitstream PON Services Bus equivalent to 1 month recurring fee. Res BS2A 200M/200M CIR2.5M/2.5M 71.98 Bitstream PON Services Bus equivalent to 1 month recurring fee, Res BS2A 200M/20M CIR2.5M/2.5M 69.59 69.59 Bitstream PON Services Bus equivalent to 1 month recurring fee. Res BS2A 300M/300M CIR5.0M/5.0M 161.10 64.81 Bitstream PON Services Bus equivalent to 1 month recurring fee. Res BS2A 30M/10M CIR5.0M/5.0M 55.05 55.05 ID-Only Area Bitstream PON Services Bus equivalent to 1 month recurring fee. Res BS2A 50M/20M CIR5.0M/5.0M 60.99 60 99 Bitstream PON Services Bus equivalent to 1 month recurring fee. Res BS2A Secondary 200M/100M CIR2.5M/2.5M 64.44 64.44 Bitstream PON Services Bus equivalent to 1 month recurring fee. Res BS2A Secondary 200M/200M CIR2.5M/2.5M 71.63 equivalent to 1 month recurring fee Bitstream PON Services BS3 100M/100M CIR2.5M/2.5M Yes 182.11 183.69 182.11 182.11 Bitstream PON Services BS3A 100M/100M CIR2.5M/2.5M LCIR2.5M/2.5M Yes eauivalent to 1 month recurring fee Bitstream PON Services 3S3B 1000M/1000M CIR2.5M/2.5M LCIR2.5M/2.5M eauivalent to 1 month recurrina fee 303.0 303.05 Bitstream PON Services BS3B 200M/200M CIR2.5M/2.5M equivalent to 1 month recurring fee 192.85 192.85 equivalent to 1 month recurring fee 192.85 Bitstream PON Services quivalent to 1 month recurring fee Bitstream PON Services BS3B 50M/50M CIR2.5M/2.5M LCIR2.5M/2.5M quivalent to 1 month recurring fee Bitstream PON Services

For Month Ended

Northpower Fibre
30 April 2023
Reporting Level: ID Fi

Reporting Level: ID FFLAS SCHEDULE 25(i): REPORT ON PRICING FOR ID Report Frequency: Monthly Connections and E-NNI/ colocation connections List prices **Total Revenues** ARPU May be Commission only Service available at Active ARPU ARPU Service changes<sup>5</sup> List Monthly Other Total Monthly all central Regulated FFLAS List Connection charge incentive<sup>5</sup> Connection Connection Monthly (No/New/ Reporting Area Service description connections charge<sup>2</sup> (closing) (Yes/No) offices1 charges charge charge Stopped/Other) (opening) (Yes/No) Bitstream PON Services EDU BS3A 100M/100M CIR10.0M/10.0M LCIR2.5M/2.5M equivalent to 1 month recurring fee equivalent to 1 month recurring fee Bitstream PON Services EDU BS3B 1000M/1000M CIR10.0M/10.0N 120.00 54 55 56 57 58 59 60 61 62 63 64 Bitstream PON Services No connection fee Yes Yes Yes No connection fee 47.87 31.64 Bitstream PON Services RES BS2 30M/10M CIR2.5M/2.5M No connection fee Bitstream PON Services RES BS2 30M/10M CIR10.0M/2.5M No connection fee #DIV/0! Bitstream PON Services 24.00 No connection fee 56 36 Bitstream PON Services RES BS2A 1000M/500M CIR2.5M/2.5M Yes Yes 56.00 RES RS24 100M/20M CIR2 5M/2 5M 47.87 Bitstream PON Services No connection fee 26 91 Bitstream PON Services RES BS2A 300M/100M CIR2.5M/2. No connection fee 47.87 70.58 48.06 Bitstream PON Services RES BS2A 30M/10M CIR2.5M/2.5N No connection fee 47.87 60.47 Bitstream PON Services RES BS2A 50M/20M CIR2.5M/2.5M Yes No No connection fee 52.79 55.78 equivalent to 1 month recurring fee 330.60 Co-lo & interconnection services equivalent to 1 month recurring fee of 10G Co-lo & interconnection services ENNI 110.20 ENNI 1G Handover BS4 100M/100M CIRO.0M/0.0M P2P services equivalent to 2 month recurring fee 303.05 303.05 P2P services BS4 1G/1G CIRO.OM/0.0M equivalent to 2 month recurring fee 385.69 385.69 Bus equivalent to 1 month recurring fee. Res Voice Services Yes 27.56 \$ 28.04 Voice Bus equivalent to 1 month recurring fee. Res Voice Services Voice Additional 16.54 \$ 16.88 Bitstream PON Services BS4 CIR10.0M/10.0M Additional Yes N/A #VALUF! #DIV/0! Bitstream PON Services BSx 0.0M/10.0M Additiona N/A 2.98 #VALUE! #DIV/0! 1.48 #VALUE! #DIV/0! Bitstream PON Services Bitstream PON Services BSx CIRO.0M/2.5M Additional #VALUE! #DIV/0! BSx CIR2.5M/0.0M Additional 1.38 #VALUE! #DIV/0! Bitstream PON Services #VALUE! #DIV/01 Bitstream PON Services #DIV/0I #VALUE! Bitstream PON Services Multicast Wholesale #DIV/0! Layer 2 FFLAS Aggregated Revenues 14,587.91 \$ 1,246,248.55 \$ 35,588.33 Other FFLAS

ref	SCHEDULE 25(ii):	REPORT ON INCENTIVES/PRO	MOTIONS FOR ID			For	Month Ended	Northpower Fik 30 April 2023 Reporting Level Report Frequen	: ID FFLAS				
7					E-NNI/ co	ntive	(per connection	incentive on or E-NNI/ co- onnection)	Total Value o	of incentive	Incentive clawback payments  May be Commission only		
9	Reporting Area	Regulated FFLAS provided with orting Area  Regulated FFLAS provided with an incentive  Area* (Yes/No) under GAAP (Yes/No)		Total receiving one-off incentive	Total receiving monthly incentive	One-off incentives	Recurring monthly incentives	One-off incentives	Monthly incentives	Total clawback value	Period to which clawback value applies		
10		Layer 1 FFLAS											
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	ID-Only Area	Layer 2 FFLAS  Other FFLAS								\$0.09	\$0.00		

SCHEDULE 25(iii): REPORT ON SERVICE AVAILABILITY

Service Availability (Service offered/Service not offered) by central office

Note: Fields below only need to be completed for services where the response in column I (Service available at all central offices\* (Yes/No)) of \$25(i) is 'No'.

	Reporting Area	Regulated FFLAS	Alexander St.	Depot	Kamo	Onerahi	Tikipunga	Dargaville 1	Dargaville 2	Hikirangi	Kaiwaka	Maungaturoto	Mangawhai 1	Mangawhai 2	Mangawhai 3	One Tree Point 1	One Tree Point 2	Paparoa	Ruakaka	Ruawai	Waipu
12 13		Layer 1 FFLAS			l	L			L	L	L	L		L		L	L	L		L	L
14		CO Co-locn Footprint (Full)	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
15		CO Co-locn Footprint (Quarter)	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
16		CO Co-location Power AC-13A	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
17		CO Co-location Power AC-3A	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
18		CO Co-location Power AC-10A	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
19		CO Co-location Power DC-10A	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
20		CO Co-location Power DC-32A	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
21		CO Co-location Power DC-50A	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
22		CO Co-location Power DC-63A	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No		No
23	ID-Only Area	CO Co-location Power DC-6A	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
24		CO Diversity	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No
25		Layer 2 FFLAS		,	,	,		,	,	,	,	,	,	,	,	,	,	,	,	,	
26		ENNI 10G Handover	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No		No
27		ENNI 1G Handover	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No		No
28		Multicast Wholesale	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No
29		Other FFLAS				,		,	······		,	·	·			·		,	,	,	
30																					/
31																					/
32											<u> </u>									1	
33																					