



ID-Only Regulated Provider Information Disclosure Requirements Information Templates for Schedules 1-13

Regulated Provider

Northpower Fibre Limited

Disclosure Date

31 August 2025

Disclosure Year (year ended)

31 March 2025

Templates for Schedules 1-13
Template Version 3. Prepared April 2024

Workbook Version History

Workbook Version and Date	Determination
v1, 30 November 2021	Fibre ID Determination 2021 [2021] NZCC 24
v2, 28 July 2022	Fibre ID Amendment Determination 2022 [2022] NZCC 26
v3, 3 April 2024	Fibre ID (Non-material) Amendment Determination [2024] NZCC 4

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Schedule	Schedule name	Sheetname	Description
1	REPORT ON ID FFLAS RETURN ON INVESTMENT (ID-ONLY REGULATED PROVIDER)	S1.ID Return on Investment	This Schedule requires information on the Return on Investment (ROI) relative to the Commerce Commission's estimates of post tax WACC and vanilla WACC.ID-only regulated providers must provide explanatory comment on their ROI in Schedule 14A (Mandatory Explanatory Notes).This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.
2	REPORT ON REGULATORY PROFIT	S2.Regulatory Profit	This Schedule requires information on the calculation of regulatory profit for ID-only regulated providers for the disclosure year, including providing explanatory comment on their regulatory profit in Schedule 14A (Mandatory Explanatory Notes). This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination). and so is subject to the assurance report required by clause 2.7 of the main body of the determination.
3	REPORT ON REGULATORY TAX ALLOWANCE	S3.Regulatory Tax Allowance	This Schedule requires information from each ID-regulated provider on their calculation of regulatory tax allowance. This information is used to calculate regulatory profit/loss in Schedule 2 (Report on Regulatory Profit). ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule in Schedule 14A (Mandatory Explanatory Notes).This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.
4	REPORT ON VALUE OF THE ID FFLAS REGULATORY ASSET BASE ROLLED FORWARD	S4.RAB Value Rolled Forward	This Schedule requires information on the calculation of the ID FFLAS Regulatory Asset Base (RAB) value to the end of each disclosure year. This informs the ROI calculation in Schedule 1. ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule in Schedule 14A (Mandatory Explanatory Notes).This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.
4a	REPORT ON ASSET ALLOCATIONS	S4a.Asset Allocations	This Schedule requires information on the allocation of asset values. This information supports the calculation of the RAB value in Schedule 4.ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule, in Schedule 14A (Mandatory Explanatory Notes), including on the impact of any changes in asset allocations. This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.
5	REPORT ON OPERATING EXPENDITURE FOR THE DISCLOSURE YEAR	S5.Actual Expenditure Opex	This Schedule requires a breakdown of operating expenditure incurred in a disclosure year. ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule, in Schedule 14A (Mandatory Explanatory Notes).This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination). and so is subject to the assurance report required by clause 2.7 of the main body of the determination.
5a	REPORT ON COST ALLOCATIONS	S5a.Cost Allocations	This Schedule provides information on the allocation of operating costs. ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule, in Schedule 14A (Mandatory Explanatory Notes), including on the impact of any reclassifications. This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.
6	REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR	S6.Actual Expenditure Capex	This Schedule requires a breakdown of capital expenditure on assets incurred in the disclosure year, including any assets in respect of which capital contributions are received. Information on expenditure on assets must be provided on an accounting accruals basis and must exclude finance costs. ID-only regulated providers must provide explanatory commentary on the information disclosed in this Schedule, in Schedule 14A (Mandatory Explanatory Notes).This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.
7	COMPARSION OF FORECASTS TO ACTUAL EXPENDITURE	S7.Actual vs Forecast	This Schedule compares actual revenue and expenditure to the previous forecasts that were made for the disclosure year. Accordingly, this Schedule requires the forecast revenue and expenditure information from previous disclosures to be inserted. ID-only regulated providers must provide explanatory commentary on the variance between actual and target revenue and forecast expenditure in Schedule 14A (Mandatory Explanatory Notes).This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination. For the purpose of that assurance report, target revenue and forecast expenditures only need to be verified back to previous disclosures. Total target operating revenue should equal the sum of the nominal dollar target revenue for the disclosure year across all contracts disclosed to the Commission under clause 2.5.11(2) of this determination
8	REPORT ON CALCULATION INPUTS	S8.Calculation Inputs	Under clause 2.4.2 of the main body of the determination, an ID-only regulated provider must only complete sections 8(i) and 8(ii) if, as at the date of the most recently published financial statements, the weighted average original tenor of the debt portfolio (both qualifying debt and non-qualifying debt) is greater than five years. This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.
9	REPORT ON RELATED PARTY TRANSACTIONS	S9.Related Party Transactions	This Schedule provides information on the valuation of related party transactions for the purpose of clause 2.4.2 of the main body of the determination. This information is part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination), and so is subject to the assurance report required by clause 2.7 of the main body of the determination.
10	ID FFLAS ASSET REGISTER	S10. ID-FFLAS Asset Register	This Schedule requires a summary of the quantity of assets that make up the network, by asset category and asset class, the estimated condition of the assets, a forecast of the percentage of assets to be replaced and the age profile of assets.
11	REPORT ON FORECAST CAPITAL EXPENDITURE	S11.Capex Forecast	This Schedule requires a breakdown of forecast expenditure on assets for the current disclosure year and a 5 year planning period. The forecast is to be expressed in both constant price and nominal dollar terms. Also required is a forecast of the value of commissioned assets (i.e., the value of RAB additions) ID-only providers must provide explanatory comment on the difference between constant price and nominal dollar forecasts of expenditure on assets in Schedule 14a (Mandatory Explanatory Notes).This information is not part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination).
11a	REPORT ON FORECAST OPERATING EXPENDITURE	S11a.Opex Forecast	This Schedule requires a breakdown of forecast operating expenditure for the disclosure year and a 5 year planning period. The forecast is to be expressed in both constant price and nominal dollar terms. ID-only providers must provide explanatory comment on the difference between constant price and nominal dollar operating expenditure forecasts in Schedule 14A (Mandatory Explanatory Notes), as applicable. This information is not part of audited disclosure information (as defined in clause 1.4.3 of the main body of the determination).
12	REPORT ON FORECAST CAPACITY AND UTILISATION	S12.Capacity Forecast	This Schedule requires a breakdown of current and forecast capacity and utilisation for each area. Information provided in this table should relate to the operation of the network in its normal steady state configuration.
12a	REPORT ON FORECAST NETWORK DEMAND	S12a.Demand Forecast	This Schedule requires a forecast of new connections (by consumer type), peak demand and data volumes for the disclosure year and a 5 year planning period. The forecasts should be consistent with the assumptions used in developing the expenditure forecasts in Schedules 11 and Schedule 11a and the capacity and utilisation forecasts in Schedule 12.
13	REPORT ON ASSET MANAGEMENT CAPABILITY	S13.Asset Management_1 and S13.Asset Management_2	This Schedule requires information on an ID-only regulated provider's self-assessment of the maturity of its asset management practices and a descriptions of its practices for collecting and managing network data, making risk-based decisions and managing cost estimation models.

SCHEDULE 1: REPORT ON ID FFLAS RETURN ON INVESTMENT (ID-ONLY REGULATED PROVIDER)

1(i): Return on Investment

Section	Row	Context	Category1	Category2	CY-2 %	CY-1 %	Current Year CY %
1(i): Return on Investment	4		ROI - comparable to a post tax WACC	Reflecting all revenue earned	12.06%	9.48%	8.50%
1(i): Return on Investment	5		ROI - comparable to a post tax WACC	Mid-point estimate of post tax WACC	5.94%	7.38%	7.96%
1(i): Return on Investment	6		ROI - comparable to a vanilla WACC	Reflecting all revenue earned	12.42%	10.00%	9.03%
1(i): Return on Investment	7		ROI - comparable to a vanilla WACC	Mid-point estimate of vanilla WACC	6.30%	7.90%	7.44%
1(i): Return on Investment	8		ROI - comparable to a vanilla WACC	Standard error	1.31%	1.31%	1.31%

1(ii): Information Supporting the ROI

Section	Row	Context	Category1	Category2	\$000
1(ii): Information Supporting the ROI	13		Opening RAB value		100,487
1(ii): Information Supporting the ROI	14		Operating revenue		18,893
1(ii): Information Supporting the ROI	15		Mid-year net cash outflows	Expenditure	7,104
1(ii): Information Supporting the ROI	16 plus		Mid-year net cash outflows	Assets commissioned	5,127
1(ii): Information Supporting the ROI	17 less		Mid-year net cash outflows	Asset disposals	21
1(ii): Information Supporting the ROI	18 plus		Mid-year net cash outflows	Tax payments	-
1(ii): Information Supporting the ROI	19 less		Mid-year net cash outflows	Other regulated income	357
1(ii): Information Supporting the ROI	20		Mid-year net cash outflows		11,853
1(ii): Information Supporting the ROI	21		Term credit spread differential allowance		-
1(ii): Information Supporting the ROI	22		Closing RAB value	Total closing RAB value	102,484
1(ii): Information Supporting the ROI	23 less		Closing RAB value	Adjustment resulting from asset allocation	- 0
1(ii): Information Supporting the ROI	24		Closing RAB value		102,484

1(ii): Information Supporting the ROI

Section	Row	Context	Category1	Category2	%
1(ii): Information Supporting the ROI	29		ROI - comparable to a vanilla WACC		9.03%
1(ii): Information Supporting the ROI	30		ROI - comparable to a post tax WACC	Leverage (%)	29.00%
1(ii): Information Supporting the ROI	31		ROI - comparable to a post tax WACC	Cost of debt assumption (%)	6.42%
1(ii): Information Supporting the ROI	32		ROI - comparable to a post tax WACC	Corporate tax rate (%)	28.00%
1(ii): Information Supporting the ROI	33		ROI - comparable to a post tax WACC		8.50%

SCHEDULE 2: REPORT ON REGULATORY PROFIT

2(i): Regulatory Profit

Section	Row	Context	Category1	Category2	ID FFLAS (\$000)
2(i): Regulatory Profit	4	Regulatory income	Operating revenue		18,893
2(i): Regulatory Profit	5 plus	Regulatory income	Gains / (losses) on asset disposals		25
2(i): Regulatory Profit	6 plus	Regulatory income	Other regulated income (other than gains / (losses) on asset disposals)		333
2(i): Regulatory Profit	7	Total regulatory income			19,250
2(i): Regulatory Profit	8 less	Expenditure	Operating expenditure		7,006
2(i): Regulatory Profit	9 less	Expenditure	Pass - through costs		98
2(i): Regulatory Profit	10	Operating surplus / (deficit)			12,146
2(i): Regulatory Profit	11 less	Operating surplus / (deficit)	Total Depreciation		5,641
2(i): Regulatory Profit	12 plus	Operating surplus / (deficit)	Total Revaluations		2,531
2(i): Regulatory Profit	13	Regulatory profit / (loss) before tax			9,036
2(i): Regulatory Profit	14 less	Regulatory profit / (loss) before tax	Term credit spread differential allowance		-
2(i): Regulatory Profit	15 less	Regulatory profit / (loss) before tax	Regulatory tax allowance		-
2(i): Regulatory Profit	16	Regulatory profit/(loss)			9,036

2(ii): Pass-through Costs

Section	Row	Context	Category1	Category2	PQ FFLAS (\$000)
2(ii): Pass - through Costs	22	Pass through costs	Rates		
2(ii): Pass - through Costs	23	Pass through costs	Telecommunications Act levies - sections 11,12		
2(ii): Pass - through Costs	24	Pass through costs	Telecommunications Act levies - sections 87,88		98
2(ii): Pass - through Costs	25	Pass through costs	Dispute resolution scheme levies		
2(ii): Pass - through Costs	26	Pass-through costs			98

2(iii): Merger and Acquisition Expenditure

Section	Row	Context	Category1	Category2	(\$000)
2(iii): Merger and Acquisition Expenditure	31	Merger and acquisition expenditure			

Provide commentary on the benefits of merger and acquisition expenditure to the regulated provider, including required disclosures in accordance with Schedule 14 (Mandatory Explanatory Notes)

SCHEDULE 3: REPORT ON REGULATORY TAX ALLOWANCE

3(i): Regulatory Tax Allowance

Section	Row	Context	Category1	Category2	ID FFLAS (\$000)
3(i): Regulatory Tax Allowance	4		Regulatory profit / (loss) before tax		9,036
3(i): Regulatory Tax Allowance	5 plus	Depreciation temporary differences		Depreciation	5,641
3(i): Regulatory Tax Allowance	6 less	Depreciation temporary differences		Tax depreciation	6,993
3(i): Regulatory Tax Allowance	7		Depreciation temporary differences	Total	(1,353)
3(i): Regulatory Tax Allowance	8 plus*	Permanent differences:		Income not included in regulatory profit / (loss) before tax but taxable	
3(i): Regulatory Tax Allowance	9 plus*	Permanent differences:		Expenditure or loss in regulatory profit / (loss) before tax but not deductible	3
3(i): Regulatory Tax Allowance	10 less*	Permanent differences:		Income included in regulatory profit / (loss) before tax but not taxable	
3(i): Regulatory Tax Allowance	11 less*	Permanent differences:		Expenditure or loss deductible but not in regulatory profit / (loss) before tax	
3(i): Regulatory Tax Allowance	12		Permanent differences:	Total	3
3(i): Regulatory Tax Allowance	13 less	Permanent differences:		Total revaluations	2,531
3(i): Regulatory Tax Allowance	14 plus*	Temporary differences:		Income not included in regulatory profit / (loss) before tax but taxable	
3(i): Regulatory Tax Allowance	15 plus*	Temporary differences:		Expenditure or loss in regulatory profit / (loss) before tax but not deductible	52
3(i): Regulatory Tax Allowance	16 less*	Temporary differences:		Income included in regulatory profit / (loss) before tax but not taxable	
3(i): Regulatory Tax Allowance	17 less*	Temporary differences:		Expenditure or loss deductible but not in regulatory profit / (loss) before tax	219
3(i): Regulatory Tax Allowance	18		Temporary differences:	Total	(167)
3(i): Regulatory Tax Allowance	19 less	Temporary differences:		Notional deductible interest	1,553
3(i): Regulatory Tax Allowance	20		Regulatory taxable income	Regulatory taxable income	3,437
3(i): Regulatory Tax Allowance	21 less	Regulatory taxable income		Utilised tax losses	3,437
3(i): Regulatory Tax Allowance	22	Regulatory taxable income		Regulatory net taxable income	-
3(i): Regulatory Tax Allowance	23		Regulatory tax allowance	Regulatory tax allowance	-

* Workings to be provided in Schedule 14A

3(i): Regulatory Tax Allowance

Section	Row	Context	Category1	Category2	%
3(i): Regulatory Tax Allowance	30	Regulatory taxable income		Corporate tax rate (%)	28%

3(ii): Disclosure of Permanent and Temporary Differences
In Schedule 11, Box 5 and Box 6, provide descriptions and workings of items recorded in the asterisked categories in Schedule 5a(i).

SCHEDULE 3: REPORT ON REGULATORY TAX ALLOWANCE

3(iii): Reconciliation of Tax Losses

Section	Row	Context	Category1	Category2	ID FFLAS (\$000)
3(iii): Reconciliation of Tax Losses	40	Opening tax losses			5,360
3(iii): Reconciliation of Tax Losses	41	plus	Opening tax losses	Current period tax losses	
3(iii): Reconciliation of Tax Losses	42	less	Opening tax losses	Utilised tax losses	3,437
3(iii): Reconciliation of Tax Losses	43	Closing tax losses			1,923

3(iv): Regulatory Tax Asset Base Roll-Forward

Section	Row	Context	Category1	Category2	ID FFLAS (\$000)
3(iv): Regulatory Tax Asset Base Roll-Forward	48	Opening sum of regulatory tax asset values			54,954
3(iv): Regulatory Tax Asset Base Roll-Forward	49	less	Opening sum of regulatory tax asset values	Tax depreciation	6,993
3(iv): Regulatory Tax Asset Base Roll-Forward	50	plus	Opening sum of regulatory tax asset values	Regulatory tax asset value of assets commissioned	5,127
3(iv): Regulatory Tax Asset Base Roll-Forward	51	less	Opening sum of regulatory tax asset values	Regulatory tax asset value of asset disposals	22
3(iv): Regulatory Tax Asset Base Roll-Forward	52	plus	Opening sum of regulatory tax asset values	Adjustment resulting from asset allocation	
3(iv): Regulatory Tax Asset Base Roll-Forward	53	plus	Opening sum of regulatory tax asset values	Other adjustments to the RAB tax value	
3(iv): Regulatory Tax Asset Base Roll-Forward	54	Closing sum of regulatory tax asset values			53,066

SCHEDULE 4: REPORT ON VALUE OF THE ID FFLAS REGULATORY ASSET BASE ROLLED FORWARD

4(i): ID FFLAS Regulatory Asset Base Value (Rolled Forward)

Section	Row	Context	Category1	Category2	RAB CY-4 (\$000)	RAB CY-3 (\$000)	RAB CY-2 (\$000)	RAB CY-1 (\$000)	RAB CY (\$000)
4(i): ID FFLAS Regulatory Asset Base Value (Rolled Forward)	4		Total opening RAB value			85,249	87,740	94,618	100,487
4(i): ID FFLAS Regulatory Asset Base Value (Rolled Forward)	5	less	Depreciation			1,196	4,877	5,302	5,641
4(i): ID FFLAS Regulatory Asset Base Value (Rolled Forward)	6	plus	Revaluations			1,519	5,833	3,802	2,531
4(i): ID FFLAS Regulatory Asset Base Value (Rolled Forward)	7	plus	Assets commissioned			2,184	5,923	7,370	5,127
4(i): ID FFLAS Regulatory Asset Base Value (Rolled Forward)	8	less	Asset disposals			16	-	1	21
4(i): ID FFLAS Regulatory Asset Base Value (Rolled Forward)	9	less	Adjustment to loss asset due to deregulation			-	-	-	-
4(i): ID FFLAS Regulatory Asset Base Value (Rolled Forward)	10	plus	Adjustment resulting from asset allocation			-	-	-	(0)
4(i): ID FFLAS Regulatory Asset Base Value (Rolled Forward)	11		Total closing RAB value		-	87,740	94,618	100,487	102,484

to S4, S8a, S8b
from row 18
from row 19
from row 23 & to S4
from row 24 & to S4

from row 28 & to S4
to S4 & S8a

4(ii): Unallocated Regulatory Asset Base

Section	Row	Context	Category1	Category2	Unallocated RAB * (\$000)	RAB (\$000)
4(ii): Unallocated Regulatory Asset Base	16		Total opening RAB value		100,487	100,487
4(ii): Unallocated Regulatory Asset Base	17	less	Depreciation		5,641	5,641
4(ii): Unallocated Regulatory Asset Base	18	plus	Revaluations		2,531	2,531
4(ii): Unallocated Regulatory Asset Base	19	plus	Asset commissioned	Assets commissioned (other than below)	177	177
4(ii): Unallocated Regulatory Asset Base	20	plus	Asset commissioned	Assets acquired from a regulated supplier	-	-
4(ii): Unallocated Regulatory Asset Base	21	plus	Asset commissioned	Assets acquired from a related party	4,950	4,950
4(ii): Unallocated Regulatory Asset Base	22	plus	Assets commissioned		5,127	5,127
4(ii): Unallocated Regulatory Asset Base	23	less	Asset disposals	Asset disposals (other than below)	21	21
4(ii): Unallocated Regulatory Asset Base	24	less	Asset disposals	Asset disposals to a regulated supplier	-	-
4(ii): Unallocated Regulatory Asset Base	25	less	Asset disposals	Asset disposals to a related party	-	-
4(ii): Unallocated Regulatory Asset Base	26	less	Asset disposals		21	21
4(ii): Unallocated Regulatory Asset Base	27	less	Adjustment to loss asset due to deregulation			-
4(ii): Unallocated Regulatory Asset Base	28	plus	Adjustment resulting from asset allocation			(0)
4(ii): Unallocated Regulatory Asset Base	29		Total closing RAB value		102,484	102,484

from row 3
from row 73
from row 51

to row 6

to row 7

to row 10
from S4a

* The 'unallocated RAB' is the total value of those assets used wholly or partially to provide FFLAS services without any allowance being made for the allocation of costs to services provided by the supplier that are not FFLAS services. The RAB value represents the value of these assets after applying this cost allocation. Neither value includes works under construction.

4(iii): Calculation of Revaluation Rate and Revaluation of Assets

Section	Row	Context	Category1	Category2	Index
4(iii): Calculation of Revaluation Rate and Revaluation of Asse	37		CPI _T		1,299
4(iii): Calculation of Revaluation Rate and Revaluation of Asse	38		CPI _{T-1}		1,267

from SE9A Index column - CPI table (Statistics NZ Website)
from SE9A Index column - CPI table (Statistics NZ Website)

4(iii): Calculation of Revaluation Rate and Revaluation of Assets

Section	Row	Context	Category1	Category2	%
4(iii): Calculation of Revaluation Rate and Revaluation of Asse	43		Revaluation rate (%)		2.53%

4(iii): Calculation of Revaluation Rate and Revaluation of Assets

Section	Row	Context	Category1	Category2	Unallocated RAB * (\$000)	RAB (\$000)
4(iii): Calculation of Revaluation Rate and Revaluation of Asse	48		Total opening RAB value		100,487	100,487
4(iii): Calculation of Revaluation Rate and Revaluation of Asse	49		Opening value of fully depreciated and disposed assets		258	258
4(iii): Calculation of Revaluation Rate and Revaluation of Asse	50	less	Total opening RAB value subject to revaluation		100,229	100,229
4(iii): Calculation of Revaluation Rate and Revaluation of Asse	51		Revaluations		2,531	2,531

from row 16 (and row3)

to row 18 & S3

SCHEDULE 4: REPORT ON VALUE OF THE ID FFLAS REGULATORY ASSET BASE ROLLED FORWARD

4(iv): Roll Forward of Works Under Construction

Section	Row	Context	Category1	Category2	Unallocated works under construction (\$000)	Allocated works under construction (\$000)
4(iv): Roll Forward of Works Under Construction	57		Works under construction - preceding disclosure year		2,625	2,625
4(iv): Roll Forward of Works Under Construction	58	plus	Works under construction - current disclosure year	Capital expenditure	5,199	5,199
4(iv): Roll Forward of Works Under Construction	59	less	Works under construction - current disclosure year	Assets commissioned	5,127	5,127
4(iv): Roll Forward of Works Under Construction	60	plus	Works under construction - current disclosure year	Adjustment resulting from asset allocation		
4(iv): Roll Forward of Works Under Construction	61		Works under construction - current disclosure year		2,697	2,697

from S6
from row 22

4(iv): Roll Forward of Works Under Construction

Section	Row	Context	Category1	Category2	%
4(iv): Roll Forward of Works Under Construction	66		Highest rate of capitalised finance applied		

4(v): Regulatory Depreciation

Section	Row	Context	Category1	Category2	Unallocated RAB * (\$000)	RAB (\$000)
4(v): Regulatory Depreciation	71		Depreciation - GAAP		5,641	5,641
4(v): Regulatory Depreciation	72		Depreciation - alternative method			
4(v): Regulatory Depreciation	73		Total depreciation		5,641	5,641

to row 17 & S3

4(vi): Disclosure of Changes to Depreciation Methods

Section	Row	Context	Category1 Asset category or assets with changes to depreciation*	Category2 Reason for change of method (text entry)	Depreciation charge for the period (RAB) (\$000)	Closing RAB value under 'alternative method' depreciation (\$000)	Closing RAB value under 'GAAP' depreciation (\$000)
4(vi): Disclosure of Changes to Depreciation Methods	78						
4(vi): Disclosure of Changes to Depreciation Methods	79						

*Include additional rows as needed

SCHEDULE 4: REPORT ON VALUE OF THE ID FFLAS REGULATORY ASSET BASE ROLLED FORWARD

4(vii): Disclosure by Asset Category

Section	Row	Context	Category1	Category2	Opening RAB value	Less depreciation	Plus revaluations	Plus assets commissioned	Less asset disposals	Plus asset allocation adjustment	Plus asset category transfers	Total	Weighted average remaining asset life	Weighted average expected total life
4(vii): Disclosure by Asset Category	86	Layer 1 assets		Ducts and Manholes	15,155	509	383	254	-	-	-	15,283	32	40
4(vii): Disclosure by Asset Category	87	Layer 1 assets		Fibre Optic Cable	26,257	1,424	663	413	-	-	-	25,909	21	28
4(vii): Disclosure by Asset Category	88	Layer 1 assets		Fibre Service Leads	40,868	1,672	1,032	3,573	-	-	-	43,802	26	31
4(vii): Disclosure by Asset Category	89	Layer 1 assets		Poles	-	-	-	-	-	-	-	-	-	-
4(vii): Disclosure by Asset Category	90	Layer 1 assets		FTTN / FTTTP Cabinets	882	103	22	4	-	-	-	805	5	14
4(vii): Disclosure by Asset Category	91	Layer 1 assets		Network Equipment	632	44	16	4	-	-	-	608	16	20
4(vii): Disclosure by Asset Category	92	Layer 1 assets		Information Technology	-	-	-	-	-	-	-	-	-	-
4(vii): Disclosure by Asset Category	93	Layer 1 assets		Other Layer 1 assets	-	-	-	-	-	-	-	-	-	-
4(vii): Disclosure by Asset Category	94	Layer 1 assets		Total Layer 1 closing RAB value	83,794	3,751	2,116	4,248	-	-	-	86,407		
4(vii): Disclosure by Asset Category	95	Layer 2 assets		FTTN / FTTTP Cabinets	-	-	-	-	-	-	-	-	-	-
4(vii): Disclosure by Asset Category	96	Layer 2 assets		Network Equipment	3,485	1,174	82	599	21	-	-	2,972	5	6
4(vii): Disclosure by Asset Category	97	Layer 2 assets		Information Technology	434	128	11	169	-	-	-	485	5	6
4(vii): Disclosure by Asset Category	98	Layer 2 assets		Other Layer 2 assets	66	26	2	42	-	-	-	83	4	5
4(vii): Disclosure by Asset Category	99	Layer 2 assets		Total Layer 2 closing RAB value	3,985	1,328	94	809	21	-	-	3,539		
4(vii): Disclosure by Asset Category	100	Other Network Assets		Network land and buildings	16	6	0	-	-	-	-	11	3	10
4(vii): Disclosure by Asset Category	101	Other Network Assets		Other network assets	-	-	-	-	-	-	-	-	-	-
4(vii): Disclosure by Asset Category	102	Other Network Assets		Total network assets	87,795	5,085	2,211	5,057	21	-	-	89,957		
4(vii): Disclosure by Asset Category	103	Non-Network Assets		Non-network land and buildings	-	-	-	-	-	-	-	-	-	-
4(vii): Disclosure by Asset Category	104	Non-Network Assets		Non-network IT hardware/software	-	-	-	-	-	-	-	-	-	-
4(vii): Disclosure by Asset Category	105	Non-Network Assets		Other non-network assets	1	0	0	70	-	-	-	71	9	16
4(vii): Disclosure by Asset Category	106	Non-Network Assets		Total non-network assets	1	0	0	70	-	-	-	71		
4(vii): Disclosure by Asset Category	107	Total - core fibre assets			87,796	5,085	2,211	5,127	21	-	-	90,028		
4(vii): Disclosure by Asset Category	108	Financial loss asset			12,691	555	321		-			12,456	23	30
4(vii): Disclosure by Asset Category	109	Total RAB			100,487	5,641	2,531	5,127	21	-	-	102,484		

SCHEDULE 4a: REPORT ON ASSET ALLOCATIONS

4a(i): Regulated Service Asset Values

Section	Row	Category1	Category2	Category3	ID-FFLAS (\$000)	Non-FFLAS (\$000)	Total (\$000)
4a(i): Regulated Service Asset Values	4	NETWORK ASSETS - LAYER 1	Ducts and Manholes	Directly attributable	15,283		
4a(i): Regulated Service Asset Values	5	NETWORK ASSETS - LAYER 1	Ducts and Manholes	Not directly attributable			
4a(i): Regulated Service Asset Values	6	NETWORK ASSETS - LAYER 1	Ducts and Manholes	Total attributable to regulated service	15,283	-	-
4a(i): Regulated Service Asset Values	7	NETWORK ASSETS - LAYER 1	Fibre Optic Cable	Directly attributable	25,909		
4a(i): Regulated Service Asset Values	8	NETWORK ASSETS - LAYER 1	Fibre Optic Cable	Not directly attributable			
4a(i): Regulated Service Asset Values	9	NETWORK ASSETS - LAYER 1	Fibre Optic Cable	Total attributable to regulated service	25,909	-	-
4a(i): Regulated Service Asset Values	10	NETWORK ASSETS - LAYER 1	Fibre Service Leads	Directly attributable	43,802		
4a(i): Regulated Service Asset Values	11	NETWORK ASSETS - LAYER 1	Fibre Service Leads	Not directly attributable			
4a(i): Regulated Service Asset Values	12	NETWORK ASSETS - LAYER 1	Fibre Service Leads	Total attributable to regulated service	43,802	-	-
4a(i): Regulated Service Asset Values	13	NETWORK ASSETS - LAYER 1	Local Access Copper Cable (Poles)	Directly attributable	-		
4a(i): Regulated Service Asset Values	14	NETWORK ASSETS - LAYER 1	Local Access Copper Cable (Poles)	Not directly attributable			
4a(i): Regulated Service Asset Values	15	NETWORK ASSETS - LAYER 1	Local Access Copper Cable (Poles)	Total attributable to regulated service	-	-	-
4a(i): Regulated Service Asset Values	16	NETWORK ASSETS - LAYER 1	FTTN/FTTP Cabinets	Directly attributable	805		
4a(i): Regulated Service Asset Values	17	NETWORK ASSETS - LAYER 1	FTTN/FTTP Cabinets	Not directly attributable			
4a(i): Regulated Service Asset Values	18	NETWORK ASSETS - LAYER 1	FTTN/FTTP Cabinets	Total attributable to regulated service	805	-	-
4a(i): Regulated Service Asset Values	19	NETWORK ASSETS - LAYER 1	Network Equipment	Directly attributable	608		
4a(i): Regulated Service Asset Values	20	NETWORK ASSETS - LAYER 1	Network Equipment	Not directly attributable			
4a(i): Regulated Service Asset Values	21	NETWORK ASSETS - LAYER 1	Network Equipment	Total attributable to regulated service	608	-	-
4a(i): Regulated Service Asset Values	22	NETWORK ASSETS - LAYER 1	Information Technology	Directly attributable	-		
4a(i): Regulated Service Asset Values	23	NETWORK ASSETS - LAYER 1	Information Technology	Not directly attributable			
4a(i): Regulated Service Asset Values	24	NETWORK ASSETS - LAYER 1	Information Technology	Total attributable to regulated service	-	-	-
4a(i): Regulated Service Asset Values	25	NETWORK ASSETS - LAYER 1	Other Layer 1 assets	Directly attributable	-		
4a(i): Regulated Service Asset Values	26	NETWORK ASSETS - LAYER 1	Other Layer 1 assets	Not directly attributable			
4a(i): Regulated Service Asset Values	27	NETWORK ASSETS - LAYER 1	Other Layer 1 assets	Total attributable to regulated service	-	-	-
4a(i): Regulated Service Asset Values	28	NETWORK ASSETS - LAYER 2	FTTN/FTTP Cabinets	Directly attributable	-		
4a(i): Regulated Service Asset Values	29	NETWORK ASSETS - LAYER 2	FTTN/FTTP Cabinets	Not directly attributable			
4a(i): Regulated Service Asset Values	30	NETWORK ASSETS - LAYER 2	FTTN/FTTP Cabinets	Total attributable to regulated service	-	-	-
4a(i): Regulated Service Asset Values	31	NETWORK ASSETS - LAYER 2	Network Equipment	Directly attributable	2,972		
4a(i): Regulated Service Asset Values	32	NETWORK ASSETS - LAYER 2	Network Equipment	Not directly attributable			
4a(i): Regulated Service Asset Values	33	NETWORK ASSETS - LAYER 2	Network Equipment	Total attributable to regulated service	2,972	-	-
4a(i): Regulated Service Asset Values	34	NETWORK ASSETS - LAYER 2	Information Technology	Directly attributable	485		
4a(i): Regulated Service Asset Values	35	NETWORK ASSETS - LAYER 2	Information Technology	Not directly attributable			
4a(i): Regulated Service Asset Values	36	NETWORK ASSETS - LAYER 2	Information Technology	Total attributable to regulated service	485	-	-
4a(i): Regulated Service Asset Values	37	NETWORK ASSETS - LAYER 2	Other Layer 2 assets	Directly attributable	83		
4a(i): Regulated Service Asset Values	38	NETWORK ASSETS - LAYER 2	Other Layer 2 assets	Not directly attributable			
4a(i): Regulated Service Asset Values	39	NETWORK ASSETS - LAYER 2	Other Layer 2 assets	Total attributable to regulated service	83	-	-
4a(i): Regulated Service Asset Values	40	OTHER NETWORK ASSETS	Network land and buildings	Directly attributable	11		
4a(i): Regulated Service Asset Values	41	OTHER NETWORK ASSETS	Network land and buildings	Not directly attributable			
4a(i): Regulated Service Asset Values	42	OTHER NETWORK ASSETS	Network land and buildings	Total attributable to regulated service	11	-	-
4a(i): Regulated Service Asset Values	43	OTHER NETWORK ASSETS	Other network assets	Directly attributable	-		
4a(i): Regulated Service Asset Values	44	OTHER NETWORK ASSETS	Other network assets	Not directly attributable			
4a(i): Regulated Service Asset Values	45	OTHER NETWORK ASSETS	Other network assets	Total attributable to regulated service	-	-	-
4a(i): Regulated Service Asset Values	46	NON-NETWORK ASSETS	Non-network land and buildings	Directly attributable	-		
4a(i): Regulated Service Asset Values	47	NON-NETWORK ASSETS	Non-network land and buildings	Not directly attributable			
4a(i): Regulated Service Asset Values	48	NON-NETWORK ASSETS	Non-network land and buildings	Total attributable to regulated service	-	-	-
4a(i): Regulated Service Asset Values	49	NON-NETWORK ASSETS	Non-network IT hardware/software	Directly attributable	-		
4a(i): Regulated Service Asset Values	50	NON-NETWORK ASSETS	Non-network IT hardware/software	Not directly attributable			
4a(i): Regulated Service Asset Values	51	NON-NETWORK ASSETS	Non-network IT hardware/software	Total attributable to regulated service	-	-	-
4a(i): Regulated Service Asset Values	52	NON-NETWORK ASSETS	Other non-network assets	Directly attributable	71		
4a(i): Regulated Service Asset Values	53	NON-NETWORK ASSETS	Other non-network assets	Not directly attributable			
4a(i): Regulated Service Asset Values	54	NON-NETWORK ASSETS	Other non-network assets	Total attributable to regulated service	71	-	-
4a(i): Regulated Service Asset Values	55	NON-NETWORK ASSETS	Regulated service asset value directly attributable		90,028		
4a(i): Regulated Service Asset Values	56	NON-NETWORK ASSETS	Regulated service asset value not directly attributable		-	-	-
4a(i): Regulated Service Asset Values	57	NON-NETWORK ASSETS	Financial loss asset		12,456		12,456
4a(i): Regulated Service Asset Values	58	NON-NETWORK ASSETS	Total closing RAB value		102,484	-	-

SCHEDULE 4a: REPORT ON ASSET ALLOCATIONS

4a(ii): Changes in Asset Allocations*†

Section	Row	Category1	Category2	Asset category	Original allocator or line items	New allocator or line items	Rationale for change	Original allocation CY-1 (\$000)	Original allocation Current Year (CY) (\$000)	New allocation CY-1 (\$000)	New allocation Current Year (CY) (\$000)	Difference CY-1 (\$000)	Difference Current Year (CY) (\$000)
4a(ii): Changes in Asset Allocations*†	63	Change in asset value allocation										-	-
4a(ii): Changes in Asset Allocations*†	64	Change in asset value allocation										-	-
4a(ii): Changes in Asset Allocations*†	65	Change in asset value allocation										-	-
4a(ii): Changes in Asset Allocations*†	66	Change in asset value allocation										-	-
4a(ii): Changes in Asset Allocations*†	67	Change in asset value allocation										-	-
4a(ii): Changes in Asset Allocations*†	68	Change in asset value allocation										-	-
4a(ii): Changes in Asset Allocations*†	69	Change in asset value allocation										-	-
4a(ii): Changes in Asset Allocations*†	70	Change in asset value allocation										-	-
4a(ii): Changes in Asset Allocations*†	71	Change in asset value allocation										-	-
4a(ii): Changes in Asset Allocations*†	72	Change in asset value allocation										-	-
4a(ii): Changes in Asset Allocations*†	73	Change in asset value allocation										-	-

* a change in asset allocation must be completed for each allocator or component change that has occurred in the disclosure year. A movement in an allocator metric is not a change in allocator or component.

† include additional rows if needed

SCHEDULE 5: REPORT ON OPERATING EXPENDITURE FOR THE DISCLOSURE YEAR

5(i): Operating Expenditure

Section	Row	Category1	Category2	(\$000)
5(i): Operating Expenditure	4	Customer opex	Customer operations	422
5(i): Operating Expenditure	5	Customer opex	Product, sales & marketing	132
5(i): Operating Expenditure	6	Total customer opex	Level 1	
5(i): Operating Expenditure	7	Total customer opex		554
5(i): Operating Expenditure	8	Network opex	Maintenance	1,135
5(i): Operating Expenditure	9	Network opex	Network operations	779
5(i): Operating Expenditure	10	Network opex	Network operating costs	863
5(i): Operating Expenditure	11	Total network opex	Level 1	
5(i): Operating Expenditure	12	Total network opex		2,777
5(i): Operating Expenditure	13	Support opex	Asset management	254
5(i): Operating Expenditure	14	Support opex	Corporate opex	2,268
5(i): Operating Expenditure	15	Support opex	Technology	1,153
5(i): Operating Expenditure	16	Total support opex	Level 1	
5(i): Operating Expenditure	17	Total support opex		3,675
5(i): Operating Expenditure	18	Total	Level 1	-
5(i): Operating Expenditure	19	Total		7,006

5(ii): Subcomponents of Operating Expenditure

Section	Row	Category1	Category2	(\$000)
5(ii): Subcomponents of Operating Expenditure	23	Subcomponents of operating expenditure	Research and development	-
5(ii): Subcomponents of Operating Expenditure	24	Subcomponents of operating expenditure	Insurance expenditure	54

SCHEDULE 5a: REPORT ON COST ALLOCATIONS

5a(i): Operating Cost Allocations

Section	Row	Category1	Category2	Level 1 ID-FFLAS (\$000)	Level 1 Non-FFLAS (\$000)	Level 1 Total (\$000)	Level 2 ID-FFLAS (\$000)	Level 2 Non-FFLAS (\$000)	Level 2 Total (\$000)
5a(i): Operating Cost Allocations	4	Customer operations	Directly attributable				422		
5a(i): Operating Cost Allocations	5	Customer operations	Not directly attributable						-
5a(i): Operating Cost Allocations	6	Customer operations	Total attributable to regulated service				422		
5a(i): Operating Cost Allocations	7	Product, sales & marketing	Directly attributable				132		
5a(i): Operating Cost Allocations	8	Product, sales & marketing	Not directly attributable						-
5a(i): Operating Cost Allocations	9	Product, sales & marketing	Total attributable to regulated service				132		
5a(i): Operating Cost Allocations	10	Customer opex	Directly attributable				554		
5a(i): Operating Cost Allocations	11	Customer opex	Not directly attributable			-	-	-	-
5a(i): Operating Cost Allocations	12	Customer opex	Total attributable to regulated service	-			554		
5a(i): Operating Cost Allocations	13	Maintenance	Directly attributable				1,135		
5a(i): Operating Cost Allocations	14	Maintenance	Not directly attributable						-
5a(i): Operating Cost Allocations	15	Maintenance	Total attributable to regulated service				1,135		
5a(i): Operating Cost Allocations	16	Network operations	Directly attributable				779		
5a(i): Operating Cost Allocations	17	Network operations	Not directly attributable						-
5a(i): Operating Cost Allocations	18	Network operations	Total attributable to regulated service				779		
5a(i): Operating Cost Allocations	19	Network operating costs	Directly attributable				863		
5a(i): Operating Cost Allocations	20	Network operating costs	Not directly attributable						-
5a(i): Operating Cost Allocations	21	Network operating costs	Total attributable to regulated service				863		
5a(i): Operating Cost Allocations	22	Network opex	Directly attributable				2,777		
5a(i): Operating Cost Allocations	23	Network opex	Not directly attributable			-	-	-	-
5a(i): Operating Cost Allocations	24	Network opex	Total attributable to regulated service	-			2,777		
5a(i): Operating Cost Allocations	25	Asset management	Directly attributable				254		
5a(i): Operating Cost Allocations	26	Asset management	Not directly attributable						-
5a(i): Operating Cost Allocations	27	Asset management	Total attributable to regulated service				254		
5a(i): Operating Cost Allocations	28	Corporate opex	Directly attributable				2,268		
5a(i): Operating Cost Allocations	29	Corporate opex	Not directly attributable						-
5a(i): Operating Cost Allocations	30	Corporate opex	Total attributable to regulated service				2,268		
5a(i): Operating Cost Allocations	31	Technology	Directly attributable				1,153		
5a(i): Operating Cost Allocations	32	Technology	Not directly attributable						-
5a(i): Operating Cost Allocations	33	Technology	Total attributable to regulated service				1,153		
5a(i): Operating Cost Allocations	34	Support opex	Directly attributable				3,675		
5a(i): Operating Cost Allocations	35	Support opex	Not directly attributable			-	-	-	-
5a(i): Operating Cost Allocations	36	Support opex	Total attributable to regulated service	-			3,675		
5a(i): Operating Cost Allocations	37	Operating costs directly attributable		-			7,006		
5a(i): Operating Cost Allocations	38	Operating costs not directly attributable		-	-	-	-	-	-
5a(i): Operating Cost Allocations	39	Operating expenditure		-			7,006		

5a(ii): Other Cost Allocations

Section	Row	Category1	Category2	(\$000)
5a(ii): Other Cost Allocations	44	Pass through costs	Directly attributable	98
5a(ii): Other Cost Allocations	45	Pass through costs	Not directly attributable	
5a(ii): Other Cost Allocations	46	Pass through costs	Total attributable to regulated service	98

5a(iii): Changes in Cost Allocations*

Section	Row	Category1	Category2	Cost category	Original allocator or line items	New allocator or line items	Rationale for change	Original allocation CY-1 (\$000)	Original allocation Current Year (CY) (\$000)	New allocation CY-1 (\$000)	New allocation Current Year (CY) (\$000)	Difference CY-1 (\$000)	Difference Current Year (CY) (\$000)
5a(iii): Changes in Cost Allocations*	51	Change in cost allocation 1										-	-
5a(iii): Changes in Cost Allocations*	52	Change in cost allocation 1										-	-
5a(iii): Changes in Cost Allocations*	53	Change in cost allocation 1										-	-
5a(iii): Changes in Cost Allocations*	54	Change in cost allocation 1										-	-
5a(iii): Changes in Cost Allocations*	55	Change in cost allocation 2										-	-
5a(iii): Changes in Cost Allocations*	56	Change in cost allocation 2										-	-
5a(iii): Changes in Cost Allocations*	57	Change in cost allocation 2										-	-
5a(iii): Changes in Cost Allocations*	58	Change in cost allocation 2										-	-

* a change in cost allocation must be completed for each cost allocator change that has occurred in the disclosure year. A movement in an allocator metric is not a change in allocator or component.

† include additional rows if needed

SCHEDULE 6: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR

6(i): Expenditure on Assets

Section	Row	Context	Category1	Category2	(\$000)
6(i): Expenditure on Assets	4	Extending the network		Augmentation	462
6(i): Expenditure on Assets	5	Extending the network		New property developments	616
6(i): Expenditure on Assets	6	Extending the network		UFB communal	-
6(i): Expenditure on Assets	7	Extending the network		Level 1	
6(i): Expenditure on Assets	8	Extending the network			1,079
6(i): Expenditure on Assets	9	Installations		Complex installations	306
6(i): Expenditure on Assets	10	Installations		Standard installations	3,763
6(i): Expenditure on Assets	11	Installations		Level 1	
6(i): Expenditure on Assets	12	Installations			4,069
6(i): Expenditure on Assets	13	Network capacity		Access	48
6(i): Expenditure on Assets	14	Network capacity		Aggregation	-
6(i): Expenditure on Assets	15	Network capacity		Transport	47
6(i): Expenditure on Assets	16	Network capacity		Level 1	
6(i): Expenditure on Assets	17	Network capacity			94
6(i): Expenditure on Assets	18	Network sustain & enhance		Field Sustain	16
6(i): Expenditure on Assets	19	Network sustain & enhance		Relocations	17
6(i): Expenditure on Assets	20	Network sustain & enhance		Resilience	279
6(i): Expenditure on Assets	21	Network sustain & enhance		Site Sustain	0
6(i): Expenditure on Assets	22	Network sustain & enhance		Level 1	
6(i): Expenditure on Assets	23	Network sustain & enhance			312
6(i): Expenditure on Assets	24	Network & customer IT			6
6(i): Expenditure on Assets	25	Network & customer IT		Level 1	
6(i): Expenditure on Assets	26	Expenditure on network assets			5,559
6(i): Expenditure on Assets	27	Non-network IT		Business IT	219
6(i): Expenditure on Assets	28	Non-network IT		Corporate capex	14
6(i): Expenditure on Assets	29	Non-network IT		Level 1	
6(i): Expenditure on Assets	30	Expenditure on non-network assets			233
6(i): Expenditure on Assets	31	Expenditure on assets			5,792
6(i): Expenditure on Assets	32 plus	Capital expenditure		Cost of financing	
6(i): Expenditure on Assets	33 less	Capital expenditure		Value of capital contributions	593
6(i): Expenditure on Assets	34	Capital Expenditure			5,199

6(ii): Breakdown of capital contributions

Section	Row	Context	Category1	Category2	(\$000)
6(ii): Breakdown of capital contributions	39	Extending the network			511
6(ii): Breakdown of capital contributions	40	Installations			
6(ii): Breakdown of capital contributions	41	Network capacity			
6(ii): Breakdown of capital contributions	42	Network sustain & enhance			82
6(ii): Breakdown of capital contributions	43	Network & customer IT			
6(ii): Breakdown of capital contributions	44	Total			593

6(iii): Subcomponents of Expenditure on Assets

Section	Row	Context	Category1	Category2	(\$000)
6(iii): Subcomponents of Expenditure on Assets	49	Subcomponents of expenditure on assets		Research and development	

SCHEDULE 7: REPORT ON COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE

7(i): Revenue

Section	Row	Category1	Category2	Target (\$000)1	Actual (\$000)	Variance (%)
7(i): Revenue	4	Operating revenue	Connection revenue	330	326	(1%)
7(i): Revenue	5	Operating revenue	Monthly access revenue	18,547	18,349	(1%)
7(i): Revenue	6	Operating revenue	Other product specific revenue	219	217	(1%)
7(i): Revenue	7	Total operating revenue		19,096	18,893	(1%)
7(i): Revenue	8	Non-financial	Connection volumes - opening	24,412	25,041	3%
7(i): Revenue	9	Non-financial	Connections volumes - closing	25,810	25,887	0%

7(ii): Expenditure on Assets

Section	Row	Category1	Category2	Forecast (\$000)2	Actual (\$000)	Variance (%)
7(ii): Expenditure on Assets	14	Extending the network	Augmentation	1,369	462	(66%)
7(ii): Expenditure on Assets	15	Extending the network	New property developments	1,019	616	(40%)
7(ii): Expenditure on Assets	16	Extending the network	UFB communal		-	-
7(ii): Expenditure on Assets	17	Extending the network		2,388	1,079	(55%)
7(ii): Expenditure on Assets	18	Installations	Complex installations	170	306	80%
7(ii): Expenditure on Assets	19	Installations	Standard installations	2,096	3,763	80%
7(ii): Expenditure on Assets	20	Installations		2,266	4,069	80%
7(ii): Expenditure on Assets	21	Network capacity	Access	1,319	48	(96%)
7(ii): Expenditure on Assets	22	Network capacity	Aggregation	361	-	(100%)
7(ii): Expenditure on Assets	23	Network capacity	Transport	788	47	(94%)
7(ii): Expenditure on Assets	24	Network capacity		2,468	94	(96%)
7(ii): Expenditure on Assets	25	Network sustain & enhance	Field sustain	-	16	-
7(ii): Expenditure on Assets	26	Network sustain & enhance	Relocations	81	17	(79%)
7(ii): Expenditure on Assets	27	Network sustain & enhance	Resilience	359	279	(22%)
7(ii): Expenditure on Assets	28	Network sustain & enhance	Site sustain	-	0	-
7(ii): Expenditure on Assets	29	Network sustain & enhance		440	312	(29%)
7(ii): Expenditure on Assets	30	Network & customer IT	Network & customer IT	180	6	(97%)
7(ii): Expenditure on Assets	31	Expenditure on network assets		7,742	5,559	(28%)
7(ii): Expenditure on Assets	32	Non-network IT	Business IT		219	-
7(ii): Expenditure on Assets	33	Non-network IT	Corporate capex		14	-
7(ii): Expenditure on Assets	34	Expenditure on non-network assets		-	233	-
7(ii): Expenditure on Assets	35	Expenditure on assets		7,742	5,792	(25%)

SCHEDULE 7: REPORT ON COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE

7(iii): Operating Expenditure

Section	Row	Category1	Category2	Forecast (\$000)2	Actual (\$000)	Variance (%)
7(iii): Operating Expenditure	40	Customer opex	Customer operations	293	422	44%
7(iii): Operating Expenditure	41	Customer opex	Product, sales & marketing	218	132	(39%)
7(iii): Operating Expenditure	42	Total customer opex		511	554	8%
7(iii): Operating Expenditure	43	Network opex	Maintenance	1,202	1,135	(6%)
7(iii): Operating Expenditure	44	Network opex	Network operations	605	779	29%
7(iii): Operating Expenditure	45	Network opex	Network operating costs	763	863	13%
7(iii): Operating Expenditure	46	Total network opex		2,570	2,777	8%
7(iii): Operating Expenditure	47	Support opex	Asset management	241	254	6%
7(iii): Operating Expenditure	48	Support opex	Corporate opex	2,027	2,268	12%
7(iii): Operating Expenditure	49	Support opex	Technology	1,112	1,153	4%
7(iii): Operating Expenditure	50	Total support opex		3,380	3,675	9%
7(iii): Operating Expenditure	51	Operating expenditure		6,461	7,006	8%

7(iv): Subcomponents of Operating Expenditure

Section	Row	Category1	Category2	Forecast (\$000)2	Actual (\$000)	Variance (%)
7(iv): Subcomponents of Operating Expenditure	56	Subcomponents of operating expenditure	Research and development		-	-
7(iv): Subcomponents of Operating Expenditure	57	Subcomponents of operating expenditure	Insurance	41	54	30%

1 From the nominal dollar target revenue for the disclosure year disclosed under clause 2.5.11 of this determination

2 From the CY+1 nominal dollar expenditure forecasts disclosed in accordance with clause 2.3.1 for the forecast period starting at the beginning of the disclosure year (Schedules 11 and 11a)

SCHEDULE 8: REPORT ON CALCULATION INPUTS

8(i): Qualifying Debt (may be Commission only)

Section	Row	Context	Category1	Category2	Issue date	Pricing date	Original tenor (in years)	Coupon rate (%)	Book value at issue date (NZD)	Book value at date of financial statement (NZD)	Term Credit Spread Difference	Debt issue cost readjustment
8(i): Qualifying Debt (may be Commission only)	4	Issuing party										
8(i): Qualifying Debt (may be Commission only)	5	Issuing party										
8(i): Qualifying Debt (may be Commission only)	6	Issuing party										
8(i): Qualifying Debt (may be Commission only)	7	Issuing party										
8(i): Qualifying Debt (may be Commission only)	8	Issuing party										
8(i): Qualifying Debt (may be Commission only)	9	Issuing party										
8(i): Qualifying Debt (may be Commission only)	10	Total								-	-	-

*Include additional rows if needed

8(ii): Calculation of Term Credit Spread Differential Allowance

Section	Row	Context	Category1	Category2	(\$)	%
8(ii): Calculation of Term Credit Spread Differential Allowance	17		Gross term credit spread differential		-	
8(ii): Calculation of Term Credit Spread Differential Allowance	18		Total book value of interest bearing debt			
8(ii): Calculation of Term Credit Spread Differential Allowance	19		Leverage			29%
8(ii): Calculation of Term Credit Spread Differential Allowance	20		Average opening and closing RAB values			
8(ii): Calculation of Term Credit Spread Differential Allowance	21		Attribution Rate (%)			not defined
8a(ii): Calculation of Term Credit Spread Differential Allowance	22		Term credit spread differential allowance		-	

from row 10

to S1, S2

8(iii): Calculation of Notional Deductible Interest

Section	Row	Context	Category1	Category2	(\$000)
8(iii): Calculation of Notional Deductible Interest	28		Opening RAB value		100,487
8(iii): Calculation of Notional Deductible Interest	29		Minus: Crown financing outstanding		17,093
8(iii): Calculation of Notional Deductible Interest	30		Leverage (%)		29%
8(iii): Calculation of Notional Deductible Interest	31		Cost of debt		6.42%
8(iii): Calculation of Notional Deductible Interest	32		Months in disclosure year		12
8(iii): Calculation of Notional Deductible Interest	33		Notional deductible interest		1,553

8(iv): Calculation of Asset Stranding Allowance adjustment to ROI

Section	Row	Context	Category1	Category2	(\$000)
8(iv): Calculation of Asset Stranding Allowance adjustment to ROI	38	A			0.001
8(iv): Calculation of Asset Stranding Allowance adjustment to ROI	39	B	Average of C and D where:		114,059.50
8(iv): Calculation of Asset Stranding Allowance adjustment to ROI	40	C	= sum of opening RAB values of core fibre assets		100,487.28
8(iv): Calculation of Asset Stranding Allowance adjustment to ROI	41		+ opening RAB value of financial loss asset		12,691.15
8(iv): Calculation of Asset Stranding Allowance adjustment to ROI	42		C, Total		113,178.43
8(iv): Calculation of Asset Stranding Allowance adjustment to ROI	43	D	= Sum of closing RAB values of core fibre assets		102,484.20
8(iv): Calculation of Asset Stranding Allowance adjustment to ROI	44		+ closing RAB value of financial loss asset		12,456.38
8(iv): Calculation of Asset Stranding Allowance adjustment to ROI	45		D, Total		114,940.57
8(iv): Calculation of Asset Stranding Allowance adjustment to ROI	46		Asset stranding allowance adjustment = A x B		114

SCHEDULE 9: REPORT ON RELATED PARTY TRANSACTIONS

9(i): Summary - Related Party Transactions

Section	Row	Category1	Category2	(\$000)
9(i): Summary - Related Party Transactions	4	Total regulatory income		145
9(i): Summary - Related Party Transactions	5	Total regulatory income	Percentage of total regulatory income where associated FFLAS services were provided at a value less than if the transaction was an arm's-length transaction	
9(i): Summary - Related Party Transactions	6	Market value of asset disposals		

9(i): Summary - Related Party Transactions

Section	Row	Category1 Level 1 category	Category2 Level 2 category	(\$000)
9(i): Summary - Related Party Transactions	11	Customer opex	Customer operations	422
9(i): Summary - Related Party Transactions	12	Customer opex	Product, sales & marketing	9
9(i): Summary - Related Party Transactions	13	Customer opex	Customer opex	432
9(i): Summary - Related Party Transactions	14	Network opex	Maintenance	1,116
9(i): Summary - Related Party Transactions	15	Network opex	Network operations	187
9(i): Summary - Related Party Transactions	16	Network opex	Network operating costs	834
9(i): Summary - Related Party Transactions	17	Network opex		2,137
9(i): Summary - Related Party Transactions	18	Support opex	Asset management	254
9(i): Summary - Related Party Transactions	19	Support opex	Corporate opex	1,581
9(i): Summary - Related Party Transactions	20	Support opex	Technology	525
9(i): Summary - Related Party Transactions	21	Support opex		2,360
9(i): Summary - Related Party Transactions	22	Total Operating expenditure		4,929
9(i): Summary - Related Party Transactions	23	Expenditure on assets	Extending the network	1,079
9(i): Summary - Related Party Transactions	24	Expenditure on assets	Installations	4,069
9(i): Summary - Related Party Transactions	25	Expenditure on assets	Network capacity	51
9(i): Summary - Related Party Transactions	26	Expenditure on assets	Network sustain & enhance	224
9(i): Summary - Related Party Transactions	27	Expenditure on assets	Network & customer IT	-
9(i): Summary - Related Party Transactions	28	Expenditure on network assets		5,422
9(i): Summary - Related Party Transactions	29	Expenditure on non-network assets		137
9(i): Summary - Related Party Transactions	30	Expenditure on assets		5,559
9(i): Summary - Related Party Transactions	31	Capital expenditure	Cost of financing	
9(i): Summary - Related Party Transactions	32	Capital expenditure	Value of capital contributions	593
9(i): Summary - Related Party Transactions	33	Capital Expenditure		4,966
9(i): Summary - Related Party Transactions	34	Total Expenditure		9,895
9(i): Summary - Related Party Transactions	35	Other related party transactions		

9(ii): Total Regulatory income from Related Party Transactions*

Section	Row	Category1 Name of related party	Category2 Nature of services	Total value of related party transactions (\$000)
9(ii): Total Regulatory income from Related Party Transactions*	40	Northpower Limited	FFLAS	145
9(ii): Total Regulatory income from Related Party Transactions*	41			
9(ii): Total Regulatory income from Related Party Transactions*	42			
9(ii): Total Regulatory income from Related Party Transactions*	43			
9(ii): Total Regulatory income from Related Party Transactions*	44	Total value of related party transactions		145

SCHEDULE 9: REPORT ON RELATED PARTY TRANSACTIONS

9(iii): Total Opex and Capex Related Party Transactions*

Section	Row	Category1 Name of related party	Category2 Nature of opex or capex	Total value of related party transactions (\$000)
9(iii): Total Opex and Capex Related Party Transactions*	49	Northpower Limited	Customer operations	422
9(iii): Total Opex and Capex Related Party Transactions*	50	Northpower Limited	Product, sales & marketing	9
9(iii): Total Opex and Capex Related Party Transactions*	51	Northpower Limited	Maintenance	1,116
9(iii): Total Opex and Capex Related Party Transactions*	52	Northpower Limited	Network operations	187
9(iii): Total Opex and Capex Related Party Transactions*	53	Northpower Limited	Network operating costs	834
9(iii): Total Opex and Capex Related Party Transactions*	54	Northpower Limited	Asset management	254
9(iii): Total Opex and Capex Related Party Transactions*	55	Northpower Limited	Corporate opex	1,581
9(iii): Total Opex and Capex Related Party Transactions*	56	Northpower Limited	Technology	525
9(iii): Total Opex and Capex Related Party Transactions*	57	Northpower Limited	Extending the network	1,079
9(iii): Total Opex and Capex Related Party Transactions*	58	Northpower Limited	Installations	4,069
9(iii): Total Opex and Capex Related Party Transactions*	59	Northpower Limited	Network capacity	51
9(iii): Total Opex and Capex Related Party Transactions*	60	Northpower Limited	Network sustain & enhance	224
9(iii): Total Opex and Capex Related Party Transactions*	61	Northpower Limited	Expenditure on non-network assets	137
9(iii): Total Opex and Capex Related Party Transactions*	62	Northpower Limited	[Select one]	
9(iii): Total Opex and Capex Related Party Transactions*	63	Northpower Limited	[Select one]	
9(iii): Total Opex and Capex Related Party Transactions*	64	Total value of related party transactions		10,488

*Include additional rows if needed

SCHEDULE 10: ID FFLAS ASSET REGISTER

10: ID FFLAS Asset Register

Section	Row	Context	Category1	Category2	Category3	Category4	Volumes for new fibre investment Opening volume	Volumes for new fibre investment Net additional volume	Volumes for new fibre investment Closing volume	Volumes for new fibre investment Data accuracy (1 to 4)	Asset condition at start of planning period (percentage of units by grade) H1%	Asset condition at start of planning period (percentage of units by grade) H2%	Asset condition at start of planning period (percentage of units by grade) H3%	Asset condition at start of planning period (percentage of units by grade) H4%	Asset condition at start of planning period (percentage of units by grade) H5%	Asset condition at start of planning period (percentage of units by grade) Data accuracy (1 to 4)	Forecast to be replaced in next 5 years %	Forecast cost of assets to be replaced in next 5 years \$000 Commission only
10: ID FFLAS Asset Register	4	Asset category	Layer 1 assets	Ducts		Metres	979,777	39,893	1,019,670	4	-	-	-	-	-	1	2	-
10: ID FFLAS Asset Register	5	Asset category	Layer 1 assets	Manholes		No.	918	23	941	4	-	-	-	-	-	1	2	-
10: ID FFLAS Asset Register	6	Asset category	Layer 1 assets	ODDF		No.	25	-	25	4	-	-	-	-	-	1	2	-
10: ID FFLAS Asset Register	7	Asset category	Layer 1 assets	Fibre Optic Cable (sheath length)	Aerial	Metres	588,409	208	588,617	3	-	-	-	-	-	1	2	-
10: ID FFLAS Asset Register	8	Asset category	Layer 1 assets	Fibre Optic Cable (sheath length)	Underground	Metres	525,330	7,538	532,868	3	-	-	-	-	-	1	2	-
10: ID FFLAS Asset Register	9	Asset category	Layer 1 assets	Fibre Optic Cable (route length)	Aerial	Metres	467,392	(310)	467,082	4	-	-	-	-	-	1	2	-
10: ID FFLAS Asset Register	10	Asset category	Layer 1 assets	Fibre Optic Cable (route length)	Underground	Metres	486,955	6,828	493,783	4	-	-	-	-	-	1	2	-
10: ID FFLAS Asset Register	11	Asset category	Layer 1 assets	Fibre Service Leads (sheath length)	Aerial	Metres	306,844	11,404	318,248	3	-	-	-	-	-	1	2	-
10: ID FFLAS Asset Register	12	Asset category	Layer 1 assets	Fibre Service Leads (sheath length)	Underground	Metres	1,764,311	87,428	1,851,739	3	-	-	-	-	-	1	2	-
10: ID FFLAS Asset Register	13	Asset category	Layer 1 assets	Poles		No.	10,179	10	10,189	4	-	-	-	-	-	1	2	-
10: ID FFLAS Asset Register	14	Asset category	Layer 1 assets	FTTN / FTTP Cabinets		No.	828	22	850	4	-	-	-	-	-	1	2	-
10: ID FFLAS Asset Register	15	Asset category	Other Network Assets	Network land and buildings		No.	8	-	8	4	-	-	-	1	-	-	2	-
10: ID FFLAS Asset Register	16	Asset category	Other Network Assets	Network land and buildings	Handover sites	No.	1	-	1	4	-	-	-	1	-	-	2	-
10: ID FFLAS Asset Register	17	Asset category	Layer 2 assets	FTTN / FTTP Cabinets		No.	19	-	19	4	-	-	-	1	-	-	4	0
10: ID FFLAS Asset Register	18	Asset category	Layer 2 assets	Splitters		No.	8,657	93	8,750	4	-	-	-	-	-	1	2	-
10: ID FFLAS Asset Register	19	Asset category	Layer 2 assets	Network Equipment		No.	-	-	-	-	-	-	-	-	-	-	-	-
10: ID FFLAS Asset Register	20	Asset category	Layer 2 assets	Network Equipment	ONT devices	No.	27,869	1,454	29,323	4	0	-	-	1	-	-	4	0
10: ID FFLAS Asset Register	21	Asset category	Layer 2 assets	Network Equipment	OLT devices	No.	20	1	21	4	-	-	-	1	-	-	4	0
10: ID FFLAS Asset Register	22	Asset category	Layer 2 assets	Network Equipment	Switches	No.	1	1	2	4	-	-	-	-	-	1	4	1
10: ID FFLAS Asset Register	23	Network spares	Layer 1	Ducts		No.	19,489	5,105	24,594	3	-	-	-	-	-	1	4	-
10: ID FFLAS Asset Register	24	Network spares	Layer 1	Manholes		No.	3	6	9	3	-	-	-	-	-	1	4	-
10: ID FFLAS Asset Register	25	Network spares	Layer 1	ODDF		No.	-	-	-	3	-	-	-	-	-	1	4	-
10: ID FFLAS Asset Register	26	Network spares	Layer 1	Fibre Optic Cable - Aerial		No.	63,146	(5,274)	57,872	3	-	-	-	-	-	1	4	-
10: ID FFLAS Asset Register	27	Network spares	Layer 1	Fibre Optic Cable - Underground		No.	26,446	(3,859)	22,587	3	-	-	-	-	-	1	4	-
10: ID FFLAS Asset Register	28	Network spares	Layer 1	FTTN / FTTP Cabinets		No.	1	-	1	3	-	-	-	-	-	1	4	-
10: ID FFLAS Asset Register	29	Network spares	Layer 2	Active Cabinet		No.	1	-	1	4	-	-	-	-	-	1	4	1
10: ID FFLAS Asset Register	30	Network spares	Layer 2	Backup Battery		No.	3	-	3	4	-	-	-	-	-	1	4	1
10: ID FFLAS Asset Register	31	Network spares	Layer 2	DC Charger		No.	1	-	1	4	-	-	-	-	-	1	4	1
10: ID FFLAS Asset Register	32	Network spares	Layer 2	EAS backplane		No.	2	(1)	1	4	-	-	1	-	-	-	4	-
10: ID FFLAS Asset Register	33	Network spares	Layer 2	EAS Line card		No.	4	(2)	2	4	1	-	-	-	-	-	4	-
10: ID FFLAS Asset Register	34	Network spares	Layer 2	EAS Transport Optics		No.	4	-	4	4	-	-	-	-	-	1	4	1
10: ID FFLAS Asset Register	35	Network spares	Layer 2	GPON Optics		No.	12	-	12	4	-	-	-	-	-	1	4	1
10: ID FFLAS Asset Register	36	Network spares	Layer 2	OLT Chassis		No.	5	-	5	4	-	-	-	-	-	1	4	0
10: ID FFLAS Asset Register	37	Network spares	Layer 2	OLT Transport Optics		No.	7	-	7	4	-	-	-	-	-	1	4	0
10: ID FFLAS Asset Register	38	Network spares	Layer 2	OLT Uplink card		No.	4	-	4	4	-	-	-	-	-	1	4	-
10: ID FFLAS Asset Register	39	Network spares	Layer 2	PON Line Card		No.	8	-	8	4	-	-	-	1	-	-	4	1
10: ID FFLAS Asset Register	40	Network spares	Layer 2	Rectifier		No.	8	-	8	4	-	-	-	-	-	1	4	1
10: ID FFLAS Asset Register	41	Network spares	Layer 2	OLT Uplink card - Legacy		No.	2	-	2	4	1	-	-	-	-	-	4	-

SCHEDULE 10: ID FFLAS ASSET REGISTER

10: ID FFLAS Asset Register

[illegible]

SCHEDULE 11: REPORT ON FORECAST CAPITAL EXPENDITURE

11(i): Expenditure on Assets Forecast

Section	Row	Context	Category1	Category2	Current Year Actual \$000 (in nominal dollars)	CY+1 \$000 (in nominal dollars)	CY+2 \$000 (in nominal dollars)	CY+3 \$000 (in nominal dollars)	CY+4 \$000 (in nominal dollars)	CY+5 \$000 (in nominal dollars)
11(i): Expenditure on Assets Forecast	4	Extending the network	Augmentation		462	1,262	645	663	677	684
11(i): Expenditure on Assets Forecast	5	Extending the network	New property development		616	1,150	1,152	1,183	1,208	1,222
11(i): Expenditure on Assets Forecast	6	Extending the network	UFB communal		-					
11(i): Expenditure on Assets Forecast	7	Extending the network	Complete if disclosing at Level 1 category							
11(i): Expenditure on Assets Forecast	8	Extending the network			1,079	2,412	1,798	1,846	1,885	1,907
11(i): Expenditure on Assets Forecast	9	Installations	Complex installations		306	131	162	184	200	211
11(i): Expenditure on Assets Forecast	10	Installations	Standard installations		3,763	2,525	3,310	3,743	4,070	4,289
11(i): Expenditure on Assets Forecast	11	Installations	Complete if disclosing at Level 1 category							
11(i): Expenditure on Assets Forecast	12	Installations			4,069	2,655	3,472	3,928	4,271	4,500
11(i): Expenditure on Assets Forecast	13	Network capacity	Access		48	300	531	53	271	364
11(i): Expenditure on Assets Forecast	14	Network capacity	Aggregation		-	-	208	167	-	-
11(i): Expenditure on Assets Forecast	15	Network capacity	Transport		47	-	202	17	17	18
11(i): Expenditure on Assets Forecast	16	Network capacity	Complete if disclosing at Level 1 category							
11(i): Expenditure on Assets Forecast	17	Network capacity			94	300	941	237	288	382
11(i): Expenditure on Assets Forecast	18	Network sustain & enhance	Field Sustain		16	-	-	-	-	-
11(i): Expenditure on Assets Forecast	19	Network sustain & enhance	Relocations		17	106	106	109	111	112
11(i): Expenditure on Assets Forecast	20	Network sustain & enhance	Resilience		279	1,336	777	910	-	9
11(i): Expenditure on Assets Forecast	21	Network sustain & enhance	Site Sustain		0	177	5	48	5	6
11(i): Expenditure on Assets Forecast	22	Network sustain & enhance	Complete if disclosing at Level 1 category							
11(i): Expenditure on Assets Forecast	23	Network sustain & enhance			312	1,619	888	1,067	116	127
11(i): Expenditure on Assets Forecast	24	Network & customer IT			6	-	114	-	16	-
11(i): Expenditure on Assets Forecast	25	Expenditure on network assets			5,559	6,986	7,213	7,077	6,576	6,915
11(i): Expenditure on Assets Forecast	26	Non-network IT & support	Business IT		219	184	98	237	51	51
11(i): Expenditure on Assets Forecast	27	Non-network IT & support	Corporate capex		14	240	52	21	16	17
11(i): Expenditure on Assets Forecast	28	Non-network IT & support	Complete if disclosing at Level 1 category							
11(i): Expenditure on Assets Forecast	29	Non-network IT & support			233	424	150	258	67	67
11(i): Expenditure on Assets Forecast	30	Expenditure on assets			5,792	7,410	7,363	7,335	6,643	6,983
11(i): Expenditure on Assets Forecast	31 plus	Capital expenditure on assets	Cost of financing							
11(i): Expenditure on Assets Forecast	32 less	Capital expenditure on assets	Value of capital contributions		593	553	609	634	646	642
11(i): Expenditure on Assets Forecast	33	Capital expenditure on forecast			5,199	6,857	6,754	6,702	5,997	6,341
11(i): Expenditure on Assets Forecast	34	Assets commissioned			5,127	6,857	6,754	6,702	5,997	6,341
11(i): Expenditure on Assets Forecast	35	Subcomponents of expenditure on assets (where known)	Research and development							

SCHEDULE 11: REPORT ON FORECAST CAPITAL EXPENDITURE

11(i): Expenditure on Assets Forecast

Section	Row	Context	Category1	Category2	Current Year Actual \$000 (in constant dollars)	CY+1 \$000 (in constant dollars)	CY+2 \$000 (in constant dollars)	CY+3 \$000 (in constant dollars)	CY+4 \$000 (in constant dollars)	CY+5 \$000 (in constant dollars)
11(i): Expenditure on Assets Forecast	40		Extending the network	Augmentation	462	1,237	620	637	650	658
11(i): Expenditure on Assets Forecast	41		Extending the network	New property development	616	1,127	1,108	1,137	1,161	1,175
11(i): Expenditure on Assets Forecast	42		Extending the network	UFB communal						
11(i): Expenditure on Assets Forecast	43		Extending the network	Complete if disclosing at Level 1 category						
11(i): Expenditure on Assets Forecast	44		Extending the network		1,079	2,365	1,728	1,774	1,812	1,833
11(i): Expenditure on Assets Forecast	45		Installations	Complex installations	306	128	156	177	193	203
11(i): Expenditure on Assets Forecast	46		Installations	Standard installations	3,763	2,475	3,181	3,598	3,912	4,122
11(i): Expenditure on Assets Forecast	47		Installations	Complete if disclosing at Level 1 category						
11(i): Expenditure on Assets Forecast	48		Installations		4,069	2,603	3,337	3,775	4,105	4,325
11(i): Expenditure on Assets Forecast	49		Network capacity	Access	48	294	510	51	260	350
11(i): Expenditure on Assets Forecast	50		Network capacity	Aggregation	-	-	200	160	-	-
11(i): Expenditure on Assets Forecast	51		Network capacity	Transport	47	-	194	16	17	17
11(i): Expenditure on Assets Forecast	52		Network capacity	Complete if disclosing at Level 1 category						
11(i): Expenditure on Assets Forecast	53		Network capacity		94	294	904	227	277	367
11(i): Expenditure on Assets Forecast	54		Network sustain & enhance	Field Sustain	16	-	-	-	-	-
11(i): Expenditure on Assets Forecast	55		Network sustain & enhance	Relocations	17	104	102	104	107	108
11(i): Expenditure on Assets Forecast	56		Network sustain & enhance	Resilience	279	1,310	747	875	-	8
11(i): Expenditure on Assets Forecast	57		Network sustain & enhance	Site Sustain	0	174	5	46	5	5
11(i): Expenditure on Assets Forecast	58		Network sustain & enhance	Complete if disclosing at Level 1 category						
11(i): Expenditure on Assets Forecast	59		Network sustain & enhance		312	1,587	853	1,025	112	122
11(i): Expenditure on Assets Forecast	60		Network & customer IT		6	-	110	-	16	-
11(i): Expenditure on Assets Forecast	61		Expenditure on network assets		5,559	6,849	6,933	6,802	6,321	6,647
11(i): Expenditure on Assets Forecast	62		Non-network IT & support	Business IT	219	180	94	228	49	49
11(i): Expenditure on Assets Forecast	63		Non-network IT & support	Corporate capex	14	235	50	20	16	16
11(i): Expenditure on Assets Forecast	64		Non-network IT & support	Complete if disclosing at Level 1 category						
11(i): Expenditure on Assets Forecast	65		Non-network IT & support		233	416	144	248	65	65
11(i): Expenditure on Assets Forecast	66		Expenditure on assets		5,792	7,265	7,077	7,050	6,385	6,712
11(i): Expenditure on Assets Forecast	67	plus	Capital expenditure on assets	Cost of financing						
11(i): Expenditure on Assets Forecast	68	less	Capital expenditure on assets	Value of capital contributions	593	542	585	609	621	617
11(i): Expenditure on Assets Forecast	69		Capital expenditure forecast		5,199	6,723	6,491	6,441	5,764	6,094
11(i): Expenditure on Assets Forecast	70		Assets commissioned		5,127	6,723	6,491	6,441	5,764	6,094

SCHEDULE 11: REPORT ON FORECAST CAPITAL EXPENDITURE

11(i): Expenditure on Assets Forecast

Section	Row	Context	Category1	Category2	Current Year Actual \$000 (Difference between nominal and constant price)	CY+1 \$000 (Difference between nominal and constant price)	CY+2 \$000 (Difference between nominal and constant price)	CY+3 \$000 (Difference between nominal and constant price)	CY+4 \$000 (Difference between nominal and constant price)	CY+5 \$000 (Difference between nominal and constant price)
11(i): Expenditure on Assets Forecast	75	Extending the network	Augmentation		-	25	25	26	26	27
11(i): Expenditure on Assets Forecast	76	Extending the network	New property development		-	23	45	46	47	47
11(i): Expenditure on Assets Forecast	77	Extending the network	UFB communal		-	-	-	-	-	-
11(i): Expenditure on Assets Forecast	78	Extending the network			-	47	70	72	73	74
11(i): Expenditure on Assets Forecast	79	Installations	Complex installations		-	3	6	7	8	8
11(i): Expenditure on Assets Forecast	80	Installations	Standard installations		-	50	129	145	158	167
11(i): Expenditure on Assets Forecast	81	Installations			-	52	135	153	166	175
11(i): Expenditure on Assets Forecast	82	Network capacity	Access		-	6	21	2	11	14
11(i): Expenditure on Assets Forecast	83	Network capacity	Aggregation		-	-	8	6	-	-
11(i): Expenditure on Assets Forecast	84	Network capacity	Transport		-	-	8	1	1	1
11(i): Expenditure on Assets Forecast	85	Network capacity			-	6	37	9	11	15
11(i): Expenditure on Assets Forecast	86	Network sustain & enhance	Field Sustain		-	-	-	-	-	-
11(i): Expenditure on Assets Forecast	87	Network sustain & enhance	Relocations		-	2	4	4	4	4
11(i): Expenditure on Assets Forecast	88	Network sustain & enhance	Resilience		-	26	30	35	-	0
11(i): Expenditure on Assets Forecast	89	Network sustain & enhance	Site Sustain		-	3	0	2	0	0
11(i): Expenditure on Assets Forecast	90	Network sustain & enhance			-	32	34	41	5	5
11(i): Expenditure on Assets Forecast	91	Network & customer IT			-	-	4	-	1	-
11(i): Expenditure on Assets Forecast	92	Expenditure on network assets			-	137	280	275	255	269
11(i): Expenditure on Assets Forecast	93	Non-network IT & support	Business IT		-	4	4	9	2	2
11(i): Expenditure on Assets Forecast	94	Non-network IT & support	Corporate capex		-	5	2	1	1	1
11(i): Expenditure on Assets Forecast	95	Non-network IT & support			-	8	6	10	3	3
11(i): Expenditure on Assets Forecast	96	Expenditure on assets			-	145	286	285	258	271
11(i): Expenditure on Assets Forecast	97 plus	Capital expenditure on assets	Cost of financing		-	-	-	-	-	-
11(i): Expenditure on Assets Forecast	98 less	Capital expenditure on assets	Value of capital contributions		-	11	24	25	25	25
11(i): Expenditure on Assets Forecast	99	Capital expenditure forecast			-	134	262	260	233	246
11(i): Expenditure on Assets Forecast	100	Assets commissioned			-	134	262	260	233	246

11(ii): Breakdown of capital contributions

Section	Row	Context	Category1	Category2	Current Year Actual \$000 (in constant dollars)	CY+1 \$000 (in constant dollars)	CY+2 \$000 (in constant dollars)	CY+3 \$000 (in nominal dollars)	CY+4 \$000 (in constant dollars)	CY+5 \$000 (in constant dollars)
11(ii): Breakdown of capital contributions	105	Extending the network			511	467	504	525	535	532
11(ii): Breakdown of capital contributions	106	Installations			-	-	-	-	-	-
11(ii): Breakdown of capital contributions	107	Network capacity			-	-	-	-	-	-
11(ii): Breakdown of capital contributions	108	Network sustain & enhance			82	75	81	84	86	85
11(ii): Breakdown of capital contributions	109	Network & customer IT			-	-	-	-	-	-
11(ii): Breakdown of capital contributions	110	Total			593	542	585	609	621	617

SCHEDULE 11a: REPORT ON FORECAST OPERATING EXPENDITURE

11a(i): Operating Expenditure Forecast

Section	Row	Category1	Category2	Current Year Actual \$000 (in nominal dollars)	CY+1 \$000 (in nominal dollars)	CY+2 \$000 (in nominal dollars)	CY+3 \$000 (in nominal dollars)	CY+4 \$000 (in nominal dollars)	CY+5 \$000 (in nominal dollars)
11a(i): Operating Expenditure Forecast	4	Customer opex	Customer operations	422	531	519	504	515	523
11a(i): Operating Expenditure Forecast	5	Customer opex	Product, sales & marketing	132	227	232	236	241	246
11a(i): Operating Expenditure Forecast	6	Customer opex	Complete if disclosing at Level 1 category						
11a(i): Operating Expenditure Forecast	7	Total customer opex		554	758	751	740	756	769
11a(i): Operating Expenditure Forecast	8	Network opex	Maintenance	1,135	1,318	1,270	1,327	1,405	1,482
11a(i): Operating Expenditure Forecast	9	Network opex	Network operations	779	688	872	924	951	967
11a(i): Operating Expenditure Forecast	10	Network opex	Network operating costs	863	864	921	965	1,013	1,063
11a(i): Operating Expenditure Forecast	11	Network opex	Complete if disclosing at Level 1 category						
11a(i): Operating Expenditure Forecast	12	Total network opex		2,777	2,871	3,063	3,216	3,369	3,511
11a(i): Operating Expenditure Forecast	13	Support opex	Asset management	254	262	251	237	242	247
11a(i): Operating Expenditure Forecast	14	Support opex	Corporate opex	2,268	2,353	2,362	2,367	2,414	2,463
11a(i): Operating Expenditure Forecast	15	Support opex	Technology	1,153	1,148	1,249	1,274	1,299	1,325
11a(i): Operating Expenditure Forecast	16	Support opex	Complete if disclosing at Level 1 category						
11a(i): Operating Expenditure Forecast	17	Total support opex		3,675	3,763	3,862	3,878	3,955	4,034
11a(i): Operating Expenditure Forecast	18	Operating expenditure		7,006	7,393	7,675	7,834	8,080	8,315
11a(i): Operating Expenditure Forecast	19	Subcomponents of operating expenditure (where known)	Research and development	-	-	-	-	-	-
11a(i): Operating Expenditure Forecast	20	Subcomponents of operating expenditure (where known)	Insurance	54	56	57	58	60	61

11a(i): Operating Expenditure Forecast

Section	Row	Category1	Category2	Current Year Actual \$000 (in constant dollars)	CY+1 \$000 (in constant dollars)	CY+2 \$000 (in constant dollars)	CY+3 \$000 (in constant dollars)	CY+4 \$000 (in constant dollars)	CY+5 \$000 (in constant dollars)
11a(i): Operating Expenditure Forecast	25	Customer opex	Customer operations	422	521	509	494	505	513
11a(i): Operating Expenditure Forecast	26	Customer opex	Product, sales & marketing	132	223	227	232	236	241
11a(i): Operating Expenditure Forecast	27	Customer opex	Complete if disclosing at Level 1 category						
11a(i): Operating Expenditure Forecast	28	Total customer opex		554	743	736	726	741	754
11a(i): Operating Expenditure Forecast	29	Network opex	Maintenance	1,135	1,293	1,245	1,301	1,378	1,453
11a(i): Operating Expenditure Forecast	30	Network opex	Network operations	779	675	855	906	933	948
11a(i): Operating Expenditure Forecast	31	Network opex	Network operating costs	863	848	903	946	993	1,042
11a(i): Operating Expenditure Forecast	32	Network opex	Complete if disclosing at Level 1 category						
11a(i): Operating Expenditure Forecast	33	Total network opex		2,777	2,815	3,003	3,153	3,303	3,442
11a(i): Operating Expenditure Forecast	34	Support opex	Asset management	254	257	246	233	237	242
11a(i): Operating Expenditure Forecast	35	Support opex	Corporate opex	2,268	2,307	2,316	2,320	2,367	2,414
11a(i): Operating Expenditure Forecast	36	Support opex	Technology	1,153	1,125	1,224	1,249	1,274	1,299
11a(i): Operating Expenditure Forecast	37	Support opex	Complete if disclosing at Level 1 category						
11a(i): Operating Expenditure Forecast	38	Total support opex		3,675	3,689	3,786	3,802	3,878	3,955
11a(i): Operating Expenditure Forecast	39	Operating expenditure		7,006	7,248	7,525	7,680	7,922	8,152

SCHEDULE 11a: REPORT ON FORECAST OPERATING EXPENDITURE

11a(i): Operating Expenditure Forecast

Section	Row	Category1	Category2	Current Year Actual \$000 (Difference between nominal and constant price forecasts)	CY+1 \$000 (Difference between nominal and constant price forecasts)	CY+2 \$000 (Difference between nominal and constant price forecasts)	CY+3 \$000 (Difference between nominal and constant price forecasts)	CY+4 \$000 (Difference between nominal and constant price forecasts)	CY+5 \$000 (Difference between nominal and constant price forecasts)
11a(i): Operating Expenditure Forecast	44	Customer opex	Customer operations	-	10	10	10	10	10
11a(i): Operating Expenditure Forecast	45	Customer opex	Product, sales & marketing	-	4	5	5	5	5
11a(i): Operating Expenditure Forecast	46	Total customer opex		-	15	15	15	15	15
11a(i): Operating Expenditure Forecast	47	Network opex	Maintenance	-	26	25	26	28	29
11a(i): Operating Expenditure Forecast	48	Network opex	Network operations	-	13	17	18	19	19
11a(i): Operating Expenditure Forecast	49	Network opex	Network operating costs	-	17	18	19	20	21
11a(i): Operating Expenditure Forecast	50	Total network opex		-	56	60	63	66	69
11a(i): Operating Expenditure Forecast	51	Support opex	Asset management	-	5	5	5	5	5
11a(i): Operating Expenditure Forecast	52	Support opex	Corporate opex	-	46	46	46	47	48
11a(i): Operating Expenditure Forecast	53	Support opex	Technology	-	23	24	25	25	26
11a(i): Operating Expenditure Forecast	54	Total support opex		-	74	76	76	78	79
11a(i): Operating Expenditure Forecast	55	Operating expenditure		-	145	150	154	158	163

SCHEDULE 12: REPORT ON ID FORECAST CAPACITY AND UTILISATION

12(i): System Capacity and Utilisation

Section	Row	Category1 POI area	Category2	Current year Number of Cos	Current Year Number of P2P end-user connections within POI area	3 Year Forecast Number of P2P end users within POI area	5 Year Forecast Number of P2P end users within POI area	Current Year Number of PON end-users from CO	3 Year Forecast Number of PON end-users from CO	5 Year Forecast Number of PON end-users from CO	Current year Central office (CO) to fibre flexibility point (FFPs), with percentage fill greater than 85%	3 Year Forecast Central office (CO) to fibre flexibility point (FFPs), with percentage fill greater than 85%	5 Year Forecast Central office (CO) to fibre flexibility point (FFPs), with percentage fill greater than 85%	Current year Premises Passed	3 Year Forecast Premises Passed	5 Year Forecast Premises Passed
12(i): System Capacity and Utilisation	4	Whangarei		20	105		119	25,676		28,979				34,041		35,789
12(i): System Capacity and Utilisation	5	[POI area]														
12(i): System Capacity and Utilisation	6	[POI area]														
12(i): System Capacity and Utilisation	7	[POI area]														
12(i): System Capacity and Utilisation	8	[POI area]														
12(i): System Capacity and Utilisation	9	[POI area]														
12(i): System Capacity and Utilisation	10	[POI area]														
12(i): System Capacity and Utilisation	11	[POI area]														
12(i): System Capacity and Utilisation	12	[POI area]														
12(i): System Capacity and Utilisation	13	[POI area]														
12(i): System Capacity and Utilisation	14	Total			105	-	119	25,676	-	28,979	-	-	-	34,041	-	35,789

SCHEDULE 12a: REPORT ON FORECAST NETWORK DEMAND

12a(i): Active forecast connections

Section	Row	Category1	Category2	Number of PON connections Current Year CY May be Commission only	Number of PON connections CY+1 May be Commission only	Number of PON connections CY+2 May be Commission only	Number of PON connections CY+3 May be Commission only	Number of PON connections CY+4 May be Commission only	Number of PON connections CY+5 May be Commission only
12a(i): Active Forecast Connections	4	PON connections by service description*	BS2 30M						
12a(i): Active Forecast Connections	5	PON connections by service description*	BS2 50M						
12a(i): Active Forecast Connections	6	PON connections by service description*	BS2 100M						
12a(i): Active Forecast Connections	7	PON connections by service description*	BS2 200M						
12a(i): Active Forecast Connections	8	PON connections by service description*	BS2 300M						
12a(i): Active Forecast Connections	9	PON connections by service description*	BS2 500M						
12a(i): Active Forecast Connections	10	PON connections by service description*	BS2 1G						
12a(i): Active Forecast Connections	11	PON connections by service description*	BS3 50M						
12a(i): Active Forecast Connections	12	PON connections by service description*	BS3 100M						
12a(i): Active Forecast Connections	13	PON connections by service description*	BS3 200M						
12a(i): Active Forecast Connections	14	PON connections by service description*	BS3 1G						
12a(i): Active Forecast Connections	15	Total PON connections by service description		25,676	26,430	27,237	27,987	28,678	28,979
12a(i): Active Forecast Connections	16	Other PON connections		106	109	112	116	118	120
12a(i): Active Forecast Connections	17	P2P connections		105	108	111	114	117	119
12a(i): Active Forecast Connections	18	Total connections		25,887	26,648	27,461	28,217	28,914	29,218
12a(i): Active Forecast Connections	19	Sum of PON service connection speeds (Megabits per second)		10,483,590	5,870,274	6,103,853	6,328,038	6,541,609	6,668,268
12a(i): Active Forecast Connections	20	Average speed (Megabits per second)		408	222	224	226	228	230
12a(i): Active Forecast Connections	21	Average throughput per user (Megabits per second)		2.53	2.50	2.47	2.44	2.41	2.38

*Include additional rows if needed

12a(ii): System Traffic

Section	Row	Category1	Category2 POI area	Demand by POI area (observed) Gigabits per second Current Year CY May be Commission only	Demand by POI area Gigabits per second CY+1 May be Commission only	Demand by POI area Gigabits per second CY+2 May be Commission only	Demand by POI area Gigabits per second CY+3 May be Commission only	Demand by POI area Gigabits per second CY+4 May be Commission only	Demand by POI area Gigabits per second CY+5 May be Commission only
12a(ii): System Traffic	28	Aggregate coincident maximum peak demand across all ports	Whangarei						
12a(ii): System Traffic	29	Aggregate coincident maximum peak demand across all ports	[POI area]						
12a(ii): System Traffic	30	Aggregate coincident maximum peak demand across all ports	[POI area]						
12a(ii): System Traffic	31	Aggregate coincident maximum peak demand across all ports	[POI area]						
12a(ii): System Traffic	32	Aggregate coincident maximum peak demand across all ports	[POI area]						
12a(ii): System Traffic	33	Aggregate coincident maximum peak demand across all ports	[POI area]						
12a(ii): System Traffic	34	Aggregate coincident maximum peak demand across all ports	[POI area]						
12a(ii): System Traffic	35	Aggregate coincident maximum peak demand across all ports	[POI area]						
12a(ii): System Traffic	36	Aggregate coincident maximum peak demand across all ports	[POI area]						
12a(ii): System Traffic	37	Aggregate coincident maximum peak demand across all ports	[POI area]						
12a(ii): System Traffic	38	Aggregate coincident maximum peak demand across all ports	Sum	132	134	137	139	140	140
12a(ii): System Traffic	39	System peak (maximum observed peak in gigabits per second)		65					
12a(ii): System Traffic	40	Forecast system peak			66	67	68	69	69
12a(ii): System Traffic	41	Percentage of sum of peaks (%)		49%	49%	49%	49%	49%	49%

SCHEDULE 12a: REPORT ON FORECAST NETWORK DEMAND

12a(ii): System Traffic

Section	Row	Category1	Category2 POI area	Demand by POI area (observed) Gigabits per second Current Year CY May be Commission only	Demand by POI area Gigabits per second CY+1 May be Commission only	Demand by POI area Gigabits per second CY+2 May be Commission only	Demand by POI area Gigabits per second CY+3 May be Commission only	Demand by POI area Gigabits per second CY+4 May be Commission only	Demand by POI area Gigabits per second CY+5 May be Commission only
12a(ii): System Traffic	46	Average demand	Whangarei						
12a(ii): System Traffic	47	Average demand	[POI area]						
12a(ii): System Traffic	48	Average demand	[POI area]						
12a(ii): System Traffic	49	Average demand	[POI area]						
12a(ii): System Traffic	50	Average demand	[POI area]						
12a(ii): System Traffic	51	Average demand	[POI area]						
12a(ii): System Traffic	52	Average demand	[POI area]						
12a(ii): System Traffic	53	Average demand	[POI area]						
12a(ii): System Traffic	54	Average demand	[POI area]						
12a(ii): System Traffic	55	Average demand	[POI area]						
12a(ii): System Traffic	56	Average demand	Total	65	66	67	68	69	69

12a(ii): System Traffic

Section	Row	Category1	Category2 POI area	Average to Peak Ratio by POI area (observed) % Current Year CY	Average to Peak Ratio by POI area % CY+1	Average to Peak Ratio by POI area % CY+2	Average to Peak Ratio by POI area % CY+3	Average to Peak Ratio by POI area % CY+4	Average to Peak Ratio by POI area % CY+5
12a(ii): System Traffic	61	Average to peak ratio	Whangarei	49%	49%	49%	49%	49%	49%
12a(ii): System Traffic	62	Average to peak ratio	[POI area]						
12a(ii): System Traffic	63	Average to peak ratio	[POI area]						
12a(ii): System Traffic	64	Average to peak ratio	[POI area]						
12a(ii): System Traffic	65	Average to peak ratio	[POI area]						
12a(ii): System Traffic	66	Average to peak ratio	[POI area]						
12a(ii): System Traffic	67	Average to peak ratio	[POI area]						
12a(ii): System Traffic	68	Average to peak ratio	[POI area]						
12a(ii): System Traffic	69	Average to peak ratio	[POI area]						
12a(ii): System Traffic	70	Average to peak ratio	[POI area]						
12a(ii): System Traffic	71	Average to peak ratio	Total	49%	49%	49%	49%	49%	49%

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

13:Asset Management Capability, Self Assessment Questions

Section	Question No.	Function	Question	Maturity Level Score	Evidence - Summary	Target Score CY+3	Initiatives planned to achieve target score	Why	Who	Record/documented Information
13:Asset Management Capability, Self Assessment Questions	1	Asset management policy	To what extent has an asset management policy been documented, authorised and communicated?	2	The organisation has a fibre asset management policy that is ready for publication.	3	Publish our fibre asset management policy. This policy will then be managed within our organisations quality management system as a controlled document with scheduled review dates and stakeholder notifications.	Widely used AM practice standards require an organisation to document, authorise and communicate its asset management policy. A key pre-requisite of any robust policy is that the organisation's top management must be seen to endorse and fully support it. Also vital to the effective implementation of the policy, is to tell the appropriate people of its content and their obligations under it. Where an organisation outsources some of its asset-related activities, then these people and their organisations must equally be made aware of the policy's content. Also, there may be other stakeholders, such as regulatory authorities and shareholders who should be made aware of it.	Top management. The management team that has overall responsibility for asset management.	The organisation's asset management policy, its organisational strategic plan, documents indicating how the asset management policy was based upon the needs of the organisation and evidence of communication.
13:Asset Management Capability, Self Assessment Questions	2	Asset management strategy	What has the organisation done to ensure that its asset management strategy is consistent with other appropriate organisational policies and strategies, and the needs of stakeholders?	1	Senior management are aware that asset management strategy needs to support the organisations wider business strategies. Outcome 4 in our FY24 Fibre Business Plan is around robust asset management. We see that more work is needed to develop our asset fleet strategies and to link these back to our fibre business plan. See Q3.	2	Our fibre business plan is reviewed annually. Our intention is to develop our asset fleet strategies and use the fibre business plan to align our asset management objectives and strategies with the needs of stakeholders.	In setting an organisation's asset management strategy, it is important that it is consistent with any other policies and strategies that the organisation has, and has taken into account the requirements of relevant stakeholders. This question examines to what extent the asset management strategy is consistent with other organisational policies and strategies and has taken account of stakeholder requirements. Generally, this will take into account the same policies, strategies and stakeholder requirements as covered in drafting the asset management policy but at a greater level of detail.	Top management. The organisation's strategic planning team. The management team that has overall responsibility for asset management.	The organisation's asset management strategy document and other related organisational policies and strategies. Other than the organisation's strategic plan, these could include those relating to health and safety, environmental, etc. Results of stakeholder consultation.
13:Asset Management Capability, Self Assessment Questions	3	Asset management strategy	In what way does the organisation's asset management strategy take account of the lifecycle of the assets, asset types and asset systems over which the organisation has stewardship?	1	The organisation's asset manager is tasked with developing asset life cycle characteristics and management plans for each of it's asset fleets and ensuring that this is reflected in our 10-year financial planning processes.	2	Publish our asset fleet structure and asset fleet strategies for major asset categories which includes their life cycle characteristics, performance objectives and management approach.	Good asset stewardship is the hallmark of an organisation compliant with widely used AM standards. A key component of this is the need to take account of the lifecycle of the assets, asset types and asset systems. This question explores what an organisation has done to take lifecycle into account in its asset management strategy.	Top management. People in the organisation with expert knowledge of the assets, asset types, asset systems and their associated life-cycles. The management team that has overall responsibility for asset management. Those responsible for developing and adopting methods and processes used in asset management	The organisation's documented asset management strategy and supporting working documents.
13:Asset Management Capability, Self Assessment Questions	4	Asset management plan(s)	How does the organisation establish and document its asset management plan(s) across the life cycle activities of its assets and asset systems?	1	We have developed detailed plans and systems to build and connect fibre customers in a optimal way. Our long-term aspiration is to do the same with our asset management plans and systems.	2	Publish asset management work plans for major asset categories like aerial and underground fibre cables and critical Layer 2 assets such as core Switches, Optical Line Terminals (OLTs) and our network management and performance monitoring assets.	The asset management strategy need to be translated into practical plan(s) so that all parties know how the objectives will be achieved. The development of plan(s) will need to identify the specific tasks and activities required to optimize costs, risks and performance of the assets and/or asset system(s), when they are to be carried out and the resources required.	The management team with overall responsibility for the asset management system. Operations, maintenance and engineering managers.	The organisation's asset management plan(s).
13:Asset Management Capability, Self Assessment Questions	5	Asset management plan(s)	How has the organisation communicated its plan(s) to all relevant parties to a level of detail appropriate to the receiver's role in their delivery?	1	The organisation currently operates from it's business plan and is developing more granular asset management plans to communicate.	2	Communicated by management at board meetings, monthly report meetings, whole team breakfast presentations and regular contractor relationship meetings monthly and management team deep-dive sessions.	Plans will be ineffective unless they are communicated to all those, including contracted suppliers and those who undertake enabling function(s). The plan(s) need to be communicated in a way that is relevant to those who need to use them.	The management team with overall responsibility for the asset management system. Delivery functions and suppliers.	Distribution lists for plan(s). Documents derived from plan(s) which detail the receivers role in plan delivery. Evidence of communication.
13:Asset Management Capability, Self Assessment Questions	6	Asset management plan(s)	How are designated responsibilities for delivery of asset plan actions documented?	1	The organisation is developing more granular asset management plans and responsibilities. Position descriptions and delegated financial authority level are documented but not in our asset management plan(s) yet.	2	Publish a responsibility assignment matrix (RACI chart) for our asset management delivery actions.	The implementation of asset management plan(s) relies on (1) actions being clearly identified, (2) an owner allocated and (3) that owner having sufficient delegated responsibility and authority to carry out the work required. It also requires alignment of actions across the organisation. This question explores how well the plan(s) set out responsibility for delivery of asset plan actions.	The management team with overall responsibility for the asset management system. Operations, maintenance and engineering managers. If appropriate, the performance management team.	The organisation's asset management plan(s). Documentation defining roles and responsibilities of individuals and organisational departments.
13:Asset Management Capability, Self Assessment Questions	7	Asset management plan(s)	What has the organisation done to ensure that appropriate arrangements are made available for the efficient and cost effective implementation of the plan(s)?(Note this is about resources and enabling support)	1	We have developed a fairly sophisticated and integrated set of supply chain, procurement and sub-contractor and financial management processes to build and connect fibre customers efficiently and cost effectively. Our intention is to do the same with our asset management plan delivery.	2	Complete our sub-contractor service level agreements and contracts refresh. Align our sub-contractor processes with our "Group Sub-Contractor Management Framework". Improve stock management process and spares management. Pilot our organisation's "Where Ako" training and capability pathways project with our staff.	It is essential that the plan(s) are realistic and can be implemented, which requires appropriate resources to be available and enabling mechanisms in place. This question explores how well this is achieved. The plan(s) not only need to consider the resources directly required and timescales, but also the enabling activities, including for example, training requirements, supply chain capability and procurement timescales.	The management team with overall responsibility for the asset management system. Operations, maintenance and engineering managers. If appropriate, the performance management team. Where appropriate the procurement team and service providers working on the organisation's asset-related activities.	The organisation's asset management plan(s). Documented processes and procedures for the delivery of the asset management plan.

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

13:Asset Management Capability, Self Assessment Questions

Section	Question No.	Function	Question	Maturity Level Score	Evidence - Summary	Target Score CY+3	Initiatives planned to achieve target score	Why	Who	Record/documented Information
13:Asset Management Capability, Self Assessment Questions	8	Contingency planning	What plan(s) and procedure(s) does the organisation have for identifying and responding to incidents and emergency situations and ensuring continuity of critical asset management activities?	3	The organisation operates from it's "Co-ordinated Incident Management Plan 2022" and "Group Business Continuity and Crisis Management Plans 2024" which are controlled documents in our quality management system and are available online. Refresher training is scheduled in August 2025	3	The "Group Business Continuity and Crisis Management Plans" are scheduled to be reviewed in October 2025 and the "Co-ordinated Incident Management Plan" is scheduled to be reviewed in November 2025. .	Widely used AM practice standards require that an organisation has plan(s) to identify and respond to emergency situations. Emergency plan(s) should outline the actions to be taken to respond to specified emergency situations and ensure continuity of critical asset management activities including the communication to, and involvement of, external agencies. This question assesses if, and how well, these plan(s) triggered, implemented and resolved in the event of an incident. The plan(s) should be appropriate to the level of risk as determined by the organisation's risk assessment methodology. It is also a requirement that relevant personnel are competent and trained.	The manager with responsibility for developing emergency plan(s). The organisation's risk assessment team. People with designated duties within the plan(s) and procedure(s) for dealing with incidents and emergency situations.	The organisation's plan(s) and procedure(s) for dealing with emergencies. The organisation's risk assessments and risk registers.
13:Asset Management Capability, Self Assessment Questions	9	Structure, authority and responsibilities	What has the organisation done to appoint member(s) of its management team to be responsible for ensuring that the organisation's assets deliver the requirements of the asset management strategy, objectives and plan(s)?	2	A new asset management role and position description was established by senior management.	3	Increase asset management team's responsibilities for asset management initiatives when team objectives and goals are set each year.	In order to ensure that the organisation's assets and asset systems deliver the requirements of the asset management policy, strategy and objectives responsibilities need to be allocated to appropriate people who have the necessary authority to fulfil their responsibilities.	Top management. People with management responsibility for the delivery of asset management policy, strategy, objectives and plan(s). People working on asset-related activities.	Evidence that managers with responsibility for the delivery of asset management policy, strategy, objectives and plan(s) have been appointed and have assumed their responsibilities. Evidence may include the organisation's documents relating to its asset management system, organisational charts, job descriptions of post-holders, annual targets/objectives and personal development plan(s) of post-holders as appropriate.
13:Asset Management Capability, Self Assessment Questions	10	Structure, authority and responsibilities	What evidence can the organisation's top management provide to demonstrate that sufficient resources are available for asset management?	2	Currently we have appropriate level of resources to match our assets lifecycle needs. We note that our network performance outperforms our internal benchmarks and customer satisfaction is high. Our financial performance reporting process tracks resourcing each month and year to date.	3	Senior managers take responsibility for these initiatives and resourcing, ensuring they're reflected in the annual financial planning process.	Optimal asset management requires top management to ensure sufficient resources are available. In this context the term 'resources' includes manpower, materials, funding and service provider support.	Top management. The management team that has overall responsibility for asset management. Risk management team. The organisation's managers involved in day-to-day supervision of asset-related activities, such as frontline managers, engineers, foremen and chargehands as appropriate.	Evidence demonstrating that asset management plan(s) and/or the process(es) for asset management plan implementation consider the provision of adequate resources in both the short and long term. Resources include funding, materials, equipment, services provided by third parties and personnel (internal and service providers) with appropriate skills competencies and knowledge.
13:Asset Management Capability, Self Assessment Questions	11	Structure, authority and responsibilities	To what degree does the organisation's top management communicate the importance of meeting its asset management requirements?	2	The organisation currently operates from it's business plan and is developing more granular asset management plans to communicate.	3	Communicated by management at board meetings, monthly report meetings, whole team breakfast presentations and scheduled contractor relationship meetings and management team deep-dive sessions.	Widely used AM practice standards require an organisation to communicate the importance of meeting its asset management requirements such that personnel fully understand, take ownership of, and are fully engaged in the delivery of the asset management requirements.	Top management. The management team that has overall responsibility for asset management. People involved in the delivery of the asset management requirements.	Evidence of such activities as road shows, written bulletins, workshops, team talks and management walk-about would assist an organisation to demonstrate it is meeting this requirement.
13:Asset Management Capability, Self Assessment Questions	12	Outsourcing of asset management activities	Where the organisation has outsourced some of its asset management activities, how has it ensured that appropriate controls are in place to ensure the compliant delivery of its organisational strategic plan, and its asset management policy and strategy?	2	The organisation outsources the majority of its field works, including connection installs and network builds to a range of third party contractors. Our Service Delivery Manager and his team are responsible for ensuring there are appropriate controls in place for our assets.	3	Our Management Team in particular our Service Delivery Manager and Business Partner Team Leads consider the asset management strategy and plan when reviewing contract terms and conditions and controls that may need to be in place to deliver our asset management objectives.	Where an organisation chooses to outsource some of its asset management activities, the organisation must ensure that these outsourced process(es) are under appropriate control to ensure that all the requirements of widely used AM standards are in place, and the asset management policy, strategy objectives and plan(s) are delivered. This includes ensuring capabilities and resources across a time span aligned to life cycle management. The organisation must put arrangements in place to control the outsourced activities, whether it be to external providers or to other in-house departments. This question explores what the organisation does in this regard.	Top management. The management team that has overall responsibility for asset management. The manager(s) responsible for the monitoring and management of the outsourced activities. People involved with the procurement of outsourced activities. The people within the organisations that are performing the outsourced activities. The people impacted by the outsourced activity.	The organisation's arrangements that detail the compliance required of the outsourced activities. For example, this could form part of a contract or service level agreement between the organisation and the suppliers of its outsourced activities. Evidence that the organisation has demonstrated to itself that it has assurance of compliance of outsourced activities.
13:Asset Management Capability, Self Assessment Questions	13	Training, awareness and competence	How does the organisation develop plan(s) for the human resources required to undertake asset management activities - including the development and delivery of asset management strategy, process(es), objectives and plan(s)?	1	The organisation has been able to work along side staff from its electricity distribution business asset management team who have extensive asset management competence in the areas of asset management strategy, processes, objectives and plans. Cross function training is available as required from this group or by external asset management experts we have a relationship with - such as developing asset health models.	2	Develop more clarity around specific asset management competencies and training plans within the organisations "Whare Ako" training and capability pathways project. Our business unit is currently the pilot for the wider group of businesses at Northpower.	There is a need for an organisation to demonstrate that it has considered what resources are required to develop and implement its asset management system. There is also a need for the organisation to demonstrate that it has assessed what development plan(s) are required to provide its human resources with the skills and competencies to develop and implement its asset management systems. The timescales over which the plan(s) are relevant should be commensurate with the planning horizons within the asset management strategy considers e.g. if the asset management strategy considers a 5 year time scale then the human resources development plan(s) should align with this. Resources include both 'in house' and external resources who undertake asset management activities.	Senior management responsible for agreement of plan(s). Managers responsible for developing asset management strategy and plan(s). Managers with responsibility for development and recruitment of staff (including HR functions). Staff responsible for training. Procurement officers. Contracted service providers.	Evidence of analysis of future work load plan(s) in terms of human resources. Document(s) containing analysis of the organisation's own direct resources and contractors resource capability over suitable timescales. Evidence, such as minutes of meetings, that suitable management forums are monitoring human resource development plan(s). Training plan(s), personal development plan(s), contract and service level agreements.

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

13:Asset Management Capability, Self Assessment Questions

Section	Question No.	Function	Question	Maturity Level Score	Evidence - Summary	Target Score CY+3	Initiatives planned to achieve target score	Why	Who	Record/documented Information
13:Asset Management Capability, Self Assessment Questions	14	Training, awareness and competence	How does the organisation identify competency requirements and then plan, provide and record the training necessary to achieve the competencies?	1	Please refer to our response to Q13.	2	Develop more clarity around specific asset management competencies and training plans within the organisations "Whare Ako" training and capability pathways project. Our business unit is currently the pilot for the wider group of businesses at Northpower.	Widely used AM standards require that organisations to undertake a systematic identification of the asset management awareness and competencies required at each level and function within the organisation. Once identified the training required to provide the necessary competencies should be planned for delivery in a timely and systematic way. Any training provided must be recorded and maintained in a suitable format. Where an organisation has contracted service providers in place then it should have a means to demonstrate that this requirement is being met for their employees.	Senior management responsible for agreement of plan(s). Managers responsible for developing asset management strategy and plan(s). Managers with responsibility for development and recruitment of staff (including HR functions). Staff responsible for training. Procurement officers. Contracted service providers.	Evidence of an established and applied competency requirements assessment process and plan(s) in place to deliver the required training. Evidence that the training programme is part of a wider, co-ordinated asset management activities training and competency programme. Evidence that training activities are recorded and that records are readily available (for both direct and contracted service provider staff) e.g. via organisation wide information system or local records database.
13:Asset Management Capability, Self Assessment Questions	15	Training, awareness and competence	How does the organization ensure that persons under its direct control undertaking asset management related activities have an appropriate level of competence in terms of education, training or experience?	1	Please refer to our response to Q13.	2	Once we have developed more clarity around specific asset management competencies and training plans within the organisations "Whare Ako" training and capability pathways project. Phase two will be to manage and provide a 'live' record of asset management competencies via our existing "npower me" learning platform or some other suitable platform by that stage.	A critical success factor for the effective development and implementation of an asset management system is the competence of persons undertaking these activities. organisations should have effective means in place for ensuring the competence of employees to carry out their designated asset management function(s). Where an organisation has contracted service providers undertaking elements of its asset management system then the organisation shall assure itself that the outsourced service provider also has suitable arrangements in place to manage the competencies of its employees. The organisation should ensure that the individual and corporate competencies it requires are in place and actively monitor, develop and maintain an appropriate balance of these competencies.	Managers, supervisors, persons responsible for developing training programmes. Staff responsible for procurement and service agreements. HR staff and those responsible for recruitment.	Evidence of a competency assessment framework that aligns with established frameworks such as the asset management Competencies Requirements Framework (Version 2.0); National Occupational Standards for Management and Leadership; UK Standard for Professional Engineering Competence, Engineering Council, 2005.
13:Asset Management Capability, Self Assessment Questions	16	Communication, participation and consultation	How does the organisation ensure that pertinent asset management information is effectively communicated to and from employees and other stakeholders, including contracted service providers?	1	As noted in Question 5 the organisation currently operates from it's business plan which is reviewed annually. Asset management information from key internal stakeholders is incorporated into the plan. Subcontractors have opportunities during regular relationship meetings and field audits to discuss ways improve the management of our assets they may recommend.	2	Our key focus is developing more granular asset management strategies and plans to communicate to internal stakeholders and contracted service providers. Please refer to our response to Q17.	Widely used AM practice standards require that pertinent asset management information is effectively communicated to and from employees and other stakeholders including contracted service providers. Pertinent information refers to information required in order to effectively and efficiently comply with and deliver asset management strategy, plan(s) and objectives. This will include for example the communication of the asset management policy, asset performance information, and planning information as appropriate to contractors.	Top management and senior management representative(s), employee's representative(s), employee's trade union representative(s); contracted service provider management and employee representative(s); representative(s) from the organisation's Health, Safety and Environmental team. Key stakeholder representative(s).	Asset management policy statement prominently displayed on notice boards, intranet and internet; use of organisation's website for displaying asset performance data; evidence of formal briefings to employees, stakeholders and contracted service providers; evidence of inclusion of asset management issues in team meetings and contracted service provider contract meetings; newsletters, etc.
13:Asset Management Capability, Self Assessment Questions	17	Asset Management System documentation	What documentation has the organisation established to describe the main elements of its asset management system and interactions between them?	1	Senior Management are aware of the need to create asset management policy, asset fleet strategies and plans to describe the main elements of it's asset management system. We acknowledge we are still early in our asset management journey and look to publish some key documents this year.	2	Publish our asset management policy, asset fleet structure and asset fleet strategies for major asset categories which includes their life cycle characteristics, performance objectives and management approach.	Widely used AM practice standards require an organisation maintain up to date documentation that ensures that its asset management systems (i.e., the systems the organisation has in place to meet the standards) can be understood, communicated and operated.	The management team that has overall responsibility for asset management. Managers engaged in asset management activities.	The documented information describing the main elements of the asset management system (process(es)) and their interaction.
13:Asset Management Capability, Self Assessment Questions	18	Information management	What has the organisation done to determine what its asset management information system(s) should contain in order to support its asset management system?	1	We have a number of systems to capture and record data relating to assets which are tied to operational business processes. However, we do not have formal governance around asset information. Our asset fleet strategies are intended to clarify what data is needed to support our asset performance objectives and management approach including asset risk management for each asset fleet.	2	Publish our asset fleet strategies for major asset categories which includes their life cycle characteristics, performance objectives and management approach and using as a structured process for determining asset data requirements and to develop asset data implementation plans.	Effective asset management requires appropriate information to be available. Widely used AM standards therefore require the organisation to identify the asset management information it requires in order to support its asset management system. Some of the information required may be held by suppliers. The maintenance and development of asset management information systems is a poorly understood specialist activity that is akin to IT management but different from IT management. This group of questions provides some indications as to whether the capability is available and applied. Note: To be effective, an asset information management system requires the mobilisation of technology, people and process(es) that create, secure, make available and destroy the information required to support the asset management system.	The organisation's strategic planning team. The management team that has overall responsibility for asset management. Information management team. Operations, maintenance and engineering managers	Details of the process the organisation has employed to determine what its asset information system should contain in order to support its asset management system. Evidence that this has been effectively implemented.
13:Asset Management Capability, Self Assessment Questions	19	Information management	How does the organisation maintain its asset management information system(s) and ensure that the data held within it (them) is of the requisite quality and accuracy and is consistent?	1	The organisation has controls in place to ensure asset data quality and accuracy are suitable for operational business processes. However building our capability to ensure high quality management of all asset information across the assets entire life-cycle is our long term goal.	2	Publish our asset information principles consistent with enterprise information management project under development by the wider group business.	The response to the questions is progressive. A higher scale cannot be awarded without achieving the requirements of the lower scale. This question explores how the organisation ensures that information management meets widely used AM practice requirements.	The management team that has overall responsibility for asset management. Users of the organisational information systems.	The asset management information system, together with the policies, procedure(s), improvement initiatives and audits regarding information controls.

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13:Asset Management Capability, Self Assessment Questions

Section	Question No.	Function	Question	Maturity Level Score	Evidence - Summary	Target Score CY+3	Initiatives planned to achieve target score	Why	Who	Record/documented Information
13:Asset Management Capability, Self Assessment Questions	20	Information management	How has the organisation's ensured its asset management information system is relevant to its needs?	1	Operational business process data is reviewed when legacy systems are retired or operational business processes are automated, this includes asset information and is typically on a project by project basis.	2	Senior management were asked to participate in an enterprise information management capability survey. Senior management were asked to review the suitability of our information management system in terms of people, process and technology. The results of the survey will indicate the degree to which the system is relevant to our needs.	Widely used AM standards need not be prescriptive about the form of the asset management information system, but simply require that the asset management information system is appropriate to the organisations needs, can be effectively used and can supply information which is consistent and of the requisite quality and accuracy.	The organisation's strategic planning team. The management team that has overall responsibility for asset management. Information management team. Users of the organisational information systems.	The documented process the organisation employs to ensure its asset management information system aligns with its asset management requirements. Minutes of information systems review meetings involving users.
13:Asset Management Capability, Self Assessment Questions	21	Risk management process(es)	How has the organisation documented process(es) and/or procedure(s) for the identification and assessment of asset and asset management related risks throughout the asset life cycle?	1	We identify strategic and operational risks through our "Group Risk Management and Legal Compliance Framework" and annual "Fibre Business Plan" planning processes, that are regularly reviewed by senior management. Our intention is to identify asset related risks thorough out the asset life cycle in our asset fleet strategies and that these inform our asset management planning and investment processes.	2	Publish an overhead fibre asset health and criticality model followed by underground. These asset health and criticality models will be used to help manage asset risk throughout the asset lifecycle as further noted in our response to Q34. Note our understanding and asset management processes for risk management of our Layer 2 assets is somewhat ahead of our Layer 1 assets, due to shorter asset lifecycles and criticality of Layer 2 assets.	Risk management is an important foundation for proactive asset management. Its overall purpose is to understand the cause, effect and likelihood of adverse events occurring, to optimally manage such risks to an acceptable level, and to provide an audit trail for the management of risks. Widely used standards require the organisation to have process(es) and/or procedure(s) in place that set out how the organisation identifies and assesses asset and asset management related risks. The risks have to be considered across all phases of the asset lifecycle.	The top management team in conjunction with the organisation's senior risk management representatives. There may also be input from the organisation's Safety, Health and Environment team. Staff who carry out risk identification and assessment.	The organisation's risk management framework and/or evidence of specific process(es) and/ or procedure(s) that deal with risk control mechanisms. Evidence that the process(es) and/or procedure(s) are implemented across the business and maintained. Evidence of agendas and minutes from risk management meetings. Evidence of feedback in to process(es) and/or procedure(s) as a result of incident investigation(s). Risk registers and assessments.
13:Asset Management Capability, Self Assessment Questions	22	Use and maintenance of asset risk information	How does the organisation ensure that the results of risk assessments provide input into the identification of adequate resources and training and competency needs?	1	This is set out set out in our "Group Risk Management and Legal Compliance Framework" roles and responsibilities section. Senior Management are responsible for implementing and periodically assessing the appropriateness of controls to mitigate risks and achieve compliance obligations and to ensure all issues and incidents within their area of responsibility are appropriately rectified.	2	Clarify in the "Group Risk Management and Legal Compliance Framework" that Senior Management are also responsible for identifying developing, implementing and maintaining competencies and training based on risk assessments.	Widely used AM standards require that the output from risk assessments are considered and that adequate resource (including staff) and training is identified to match the requirements. It is a further requirement that the effects of the control measures are considered, as there may be implications in resources and training required to achieve other objectives.	Staff responsible for risk assessment and those responsible for developing and approving resource and training plan(s). There may also be input from the organisation's Safety, Health and Environment team.	The organisations risk management framework. The organisation's resourcing plan(s) and training and competency plan(s). The organisation should be able to demonstrate appropriate linkages between the content of resource plan(s) and training and competency plan(s) to the risk assessments and risk control measures that have been developed.
13:Asset Management Capability, Self Assessment Questions	23	Legal and other requirements	What procedure does the organisation have to identify and provide access to its legal, regulatory, statutory and other asset management requirements, and how is requirements incorporated into the asset management system?	3	This is set out in our "Group Risk Management and Legal Compliance Framework". We use a compliance management solution to access, understand and report on the laws and regulations that apply via a register that includes details of all of the key legislative and regulatory obligations that apply to the business activities that we conduct.	3	We have identified the need to provide training on the compliance management solution for asset manager role and to ensure a regular asset management focused review, so that new and changing requirements can be incorporated into our asset planning processes.	In order for an organisation to comply with its legal, regulatory, statutory and other asset management requirements, the organisation first needs to ensure that it knows what they are. It is necessary to have systematic and auditable mechanisms in place to identify new and changing requirements. Widely used AM standards also require that requirements are incorporated into the asset management system (e.g. procedure(s) and process(es))	Top management. The organisations regulatory team. The organisation's legal team or advisors. The management team with overall responsibility for the asset management system. The organisation's health and safety team or advisors. The organisation's policy making team.	The organisational processes and procedures for ensuring information of this type is identified, made accessible to those requiring the information and is incorporated into asset management strategy and objectives
13:Asset Management Capability, Self Assessment Questions	24	Life Cycle Activities	How does the organisation establish implement and maintain process(es) for the implementation of its asset management plan(s) and control of activities across the creation, acquisition or enhancement of assets. This includes design, modification, procurement, construction and commissioning activities?	1	The organisation has developed and now maintains a number of processes to control asset life cycle activities but there are gaps in some areas. Please note our response to Q25.	2	During the UFB network builds with Crown Infrastructure Partners we developed a fairly sophisticated and integrated set of design, supply chain, sub-contractor and financial management processes to build and connect fibre customers quickly and cost effectively. Our intention is to do the same with our asset management plan delivery processes and we will be developing a plan to identify and fill any process gaps.	Life cycle activities are about the implementation of asset management plan(s) i.e. they are the "doing" phase. They need to be done effectively and well in order for asset management to have any practical meaning. As a consequence, widely used standards require organisations to have in place appropriate process(es) and procedure(s) for the implementation of asset management plan(s) and control of lifecycle activities. This question explores those aspects relevant to asset creation.	Asset managers, design staff, construction staff and project managers from other impacted areas of the business, e.g. Procurement	Documented process(es) and procedure(s) which are relevant to demonstrating the effective management and control of life cycle activities during asset creation, acquisition, enhancement including design, modification, procurement, construction and commissioning.

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

13:Asset Management Capability, Self Assessment Questions

Section	Question No.	Function	Question	Maturity Level Score	Evidence - Summary	Target Score CY+3	Initiatives planned to achieve target score	Why	Who	Record/documented Information
13:Asset Management Capability, Self Assessment Questions	25	Life Cycle Activities	How does the organisation ensure that process(es) and/or procedure(s) for the implementation of asset management plan(s) and control of activities during maintenance (and inspection) of assets are sufficient to ensure activities are carried out under specified conditions, are consistent with asset management strategy and control cost, risk and performance?	2	Our asset maintenance and inspection activities are controlled at strategic level and through 3rd party maintenance contracts and field audits. We are aware of the need to develop asset maintenance strategies and plans for each asset type and the processes to support the delivery of these. We maintain a quarterly schedule of approved maintenace work orders. Senior management are responsible for ensuring the approved work orders align with our asset management strategy and buisness plan and are carried out under specified conditions - on time, on budget and appropriate level of risk.	3	Publish asset maintenance strategies and plans for major asset categories like aerial and underground fibre cables. Layer 2 maintenance strategies are in place and will be reviewed annually.	Having documented process(es) which ensure the asset management plan(s) are implemented in accordance with any specified conditions, in a manner consistent with the asset management policy, strategy and objectives and in such a way that cost, risk and asset system performance are appropriately controlled is critical. They are an essential part of turning intention into action.	Asset managers, operations managers, maintenance managers and project managers from other impacted areas of the business	Documented procedure for review. Documented procedure for audit of process delivery. Records of previous audits, improvement actions and documented confirmation that actions have been carried out.
13:Asset Management Capability, Self Assessment Questions	26	Performance and condition monitoring	How does the organisation measure the performance and condition of its assets?	2	We routinely measure and report aggregate network performance. We are aware are of the need to identify asset performance measures that are linked to our asset management objectives. Asset condition assessments are an area we would like to start to develop for certain asset categories such as cabinets and manholes. We recently completed a condition based replacement programme of ADSS Cable Anchor Clamp - Stainless Steel Bails.	3	Publish our asset fleet strategies for major asset categories which includes asset performance measures linked to our asset management objectives.	Widely used AM standards require that organisations establish implement and maintain procedure(s) to monitor and measure the performance and/or condition of assets and asset systems. They further set out requirements in some detail for reactive and proactive monitoring, and leading/lagging performance indicators together with the monitoring or results to provide input to corrective actions and continual improvement. There is an expectation that performance and condition monitoring will provide input to improving asset management strategy, objectives and plan(s).	A broad cross-section of the people involved in the organisation's asset-related activities from data input to decision-makers, i.e. an end-to end assessment. This should include contactors and other relevant third parties as appropriate.	Functional policy and/or strategy documents for performance or condition monitoring and measurement. The organisation's performance monitoring frameworks, balanced scorecards etc. Evidence of the reviews of any appropriate performance indicators and the action lists resulting from these reviews. Reports and trend analysis using performance and condition information. Evidence of the use of performance and condition information shaping improvements and supporting asset management strategy, objectives and plan(s).
13:Asset Management Capability, Self Assessment Questions	27	Investigation of asset-related failures, incidents and nonconformities	How does the organisation ensure responsibility and the authority for the handling, investigation and mitigation of asset-related failures, incidents and emergency situations and non conformances is clear, unambiguous, understood and communicated?	1	Investigation and mitigation of Layer 2 asset-related failures, incidents and non-conformities is the responsibility of our Network Engineer. The organisation is aware of the need to clarify Service Delivery Manager and Asset Managers responsibilities in the same areas for its Layer 1 assets.	2	We will clarify Service Delivery Manager and Asset Manager responsibilities for handling, investigation and mitigation of asset related failures, incidents and emergency situations in role descriptions.	Widely used AM standards require that the organisation establishes implements and maintains process(es) for the handling and investigation of failures incidents and non-conformities for assets and sets down a number of expectations. Specifically this question examines the requirement to define clearly responsibilities and authorities for these activities, and communicate these unambiguously to relevant people including external stakeholders if appropriate.	The organisation's safety and environment management team. The team with overall responsibility for the management of the assets. People who have appointed roles within the asset-related investigation procedure, from those who carry out the investigations to senior management who review the recommendations. Operational controllers responsible for managing the asset base under fault conditions and maintaining services to consumers. Contractors and other third parties as appropriate.	Process(es) and procedure(s) for the handling, investigation and mitigation of asset-related failures, incidents and emergency situations and non conformances. Documentation of assigned responsibilities and authority to employees. Job Descriptions, Audit reports. Common communication systems i.e. all Job Descriptions on Internet etc.
13:Asset Management Capability, Self Assessment Questions	28	Audit	What has the organisation done to establish procedure(s) for the audit of its asset management system (process(es))?	1	We are aware of the need to audit our asset management processes and capability. We have undertaken an internal and external review of our asset management capability and will be reviewing our asset management processes more formally going forwards.	2	Senior management are responsible for developing, implementing and maintaining auditing of our asset management processes and these processes are aligned and integrated with our audit and risk committee processes for the wider business.	This question seeks to explore what the organisation has done to comply with the standard practice AM audit requirements.	The management team responsible for its asset management procedure(s). The team with overall responsibility for the management of the assets. Audit teams, together with key staff responsible for asset management. For example, Asset Management Director, Engineering Director. People with responsibility for carrying out risk assessments	The organisation's asset-related audit procedure(s). The organisation's methodology(s) by which it determined the scope and frequency of the audits and the criteria by which it identified the appropriate audit personnel. Audit Schedules, reports etc. Evidence of the procedure(s) by which the audit results are presented, together with any subsequent communications. The risk assessment Schedule or risk registers.
13:Asset Management Capability, Self Assessment Questions	39	Corrective & Preventative action	How does the organisation instigate appropriate corrective and/or preventive actions to eliminate or prevent the causes of identified poor performance and non-conformance?	2	For our Layer 1 assets we follow this general process: 1. Poor performance patten or trend observed 2. Root cause analysis undertaken. 3. Identify some options to fix and evaluate option against business strategies and current maintenance strategy 4. Select best option then plan, schedule and execute the planned project or new PM regime. Specific recent examples include poor performing ADSS Cable Anchor Clamp Stainless Steel Bails and XSC fibre splice enclosures.	3	Publish network inspection standard for overhead network assets to identify poor asset performance or non-conformances. Asset Manager responsible for regularly reporting inspection and asset failure results to the business and addressing poor asset performance.	Having investigated asset related failures, incidents and non-conformances, and taken action to mitigate their consequences, an organisation is required to implement preventative and corrective actions to address root causes. Incident and failure investigations are only useful if appropriate actions are taken as a result to assess changes to a businesses risk profile and ensure that appropriate arrangements are in place should a recurrence of the incident happen. Widely used AM standards also require that necessary changes arising from preventive or corrective action are made to the asset management system.	The management team responsible for its asset management procedure(s). The team with overall responsibility for the management of the assets. Audit and incident investigation teams. Staff responsible for planning and managing corrective and preventive actions.	Analysis records, meeting notes and minutes, modification records. Asset management plan(s), investigation reports, audit reports, improvement programmes and projects. Recorded changes to asset management procedure(s) and process(es). Condition and performance reviews. Maintenance reviews

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

13:Asset Management Capability, Self Assessment Questions

Section	Question No.	Function	Question	Maturity Level Score	Evidence - Summary	Target Score CY+3	Initiatives planned to achieve target score	Why	Who	Record/documented Information
13:Asset Management Capability, Self Assessment Questions	30	Continual Improvement	How does the organisation achieve continual improvement in the optimal combination of costs, asset related risks and the performance and condition of assets and asset systems across the whole life cycle?	1	We have adopted a continuous improvement culture within our teams and our sub-contractors and are widely know for this within our wider business and industry. We communicate and celebrate our continuous improvements as a whole team and there is strong leadership support in place.	2	Primarily Asset Manager along with other Senior Mangers responsible for developing asset management continuous improvement culture and supporting processes aligned with our existing continuous improvement processes and asset management objectives.	Widely used AM standards have requirements to establish, implement and maintain process(es)/procedure(s) for identifying, assessing, prioritising and implementing actions to achieve continual improvement. Specifically there is a requirement to demonstrate continual improvement in optimisation of cost risk and performance/condition of assets across the life cycle. This question explores an organisation's capabilities in this area—looking for systematic improvement mechanisms rather than reviews and audit (which are separately examined).	The top management of the organisation. The manager/team responsible for managing the organisation's asset management system, including its continual improvement. Managers responsible for policy development and implementation.	Records showing systematic exploration of improvement. Evidence of new techniques being explored and implemented. Changes in procedure(s) and process(es) reflecting improved use of optimisation tools/techniques and available information. Evidence of working parties and research.
13:Asset Management Capability, Self Assessment Questions	31	Continual Improvement	How does the organisation seek and acquire knowledge about new asset management related technology and practices, and evaluate their potential benefit to the organisation?	3	We are an active participant in our industry working groups such as the TCF forum and specialist Layer 2 conferences. We regularly meet with and discuss our asset management practices internally with our Electricity Distribution Business. We also discuss our asset management practice with external asset managers including, District Councils and local Transport Alliance members.	3	Continue to be active participant in industry working groups. Use new regulatory regime and industry wide disclosure information to baseline our asset performance, costs and risks against our peers. Identify and target any areas for improvement.	One important aspect of continual improvement is where an organisation looks beyond its existing boundaries and knowledge base to look at what 'new things are on the market'. These new things can include equipment, process(es), tools, etc. An organisation which does this will be able to demonstrate that it continually seeks to expand its knowledge of all things affecting its asset management approach and capabilities. The organisation will be able to demonstrate that it identifies any such opportunities to improve, evaluates them for suitability to its own organisation and implements them as appropriate. This question explores an organisation's approach to this activity.	The top management of the organisation. The manager/team responsible for managing the organisation's asset management system, including its continual improvement. People who monitor the various items that require monitoring for 'change'. People that implement changes to the organisation's policy, strategy, etc. People within an organisation with responsibility for investigating, evaluating, recommending and implementing new tools and techniques, etc.	Research and development projects and records, benchmarking and participation knowledge exchange professional forums. Evidence of correspondence relating to knowledge acquisition. Examples of change implementation and evaluation of new tools, and techniques linked to asset management strategy and objectives.

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models

Section	Question No.	Function	Standard Ref. (For guidance only)	Scope/purpose of description	Evidence - Summary	User Guidance	Description of Practices
13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	32	Describe how the business plans to systematise processes for collecting and collating network asset data, including data supplied by contractors and other third parties (note - target score and initiatives must be reported under 25 above).	ISO 55002, 7.5	Describe whether asset condition information is being captured in its systems in a consistent way so that when the data is extracted, it is meaningful and reliable. Describe what it has put in place by way of processes to achieve this, including how the business intends to ensure consistent and systematic data collection from third party providers who may be engaged in maintenance activities.	Geographic Information System (GIS) Data Model and Data Quality Assurance processes. As-Built Data Sheets. Mobile Workforce Applications and Interfaces with GIS.	N/A	Asset age data is being captured in a fairly consistent way and there are processes in place to ensure this for Layer 1 assets in our Geographic Information System (GIS). Our asset base consists almost entirely of newly-built UFB assets, less than 11 years old. As such we consider age is reasonable proxy for our assets condition and we note that this is supported by very high network performance measures consistent with assets in good condition. We intend to take a cautious approach to incorporating asset condition data into our investment planning processes as there is potential for under or over investment if asset condition data is subjectively assessed and is inconsistent or inaccurate. Having said that the organisation is working collectively with the business on asset condition data requirements so that it can develop the necessary consistency and accuracy needed for our investment planning processes and asset categories.
13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	33	Describe how the business plans to improve knowledge of network asset condition so that assets are replaced in a timely manner (note - target score and initiatives must be reported under 25 above).	ISO 55000, 6.2	Asset replacement decision making should be a key asset management objective and it should be informed by asset condition data to ensure assets are not replaced to late or too early. Asset condition based decision making also supports expenditure forecasts and reliable asset management plans	Senior Management established new Fibre Inspector role in FY23.	N/A	As we noted in Q32 we intend to take a cautious approach to incorporating asset condition data into our investment planning processes. Cabinet inspections are being carried out and supporting maintenance documentation is being developed (our intention is to do manholes next, then overhead network assets). Some asset condition data and grading is being recorded to support our asset condition understanding but this is not ready for use in our asset replacement expenditure forecasts until the asset condition data is accurate and consistent enough to produce accurate forecasts. In the meantime, our intention is to develop and maintain statistical models using asset age and asset expected life data (which is generally much more accurate and consistent across all our asset categories right now) for our asset replacement expenditure forecasts.
13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	34	Describe how the business plans to, where appropriate, develop and improve asset health models so that they are informed by network asset condition data. (note - target score and initiatives must be reported under 25 above)	ISO 55002, 6.2	Asset health models are key to ensuring that asset replacements can be made in a timely manner and that expenditure forecasts are more robust. In some cases age-based volumetric models, informed by asset outage rates may be more appropriate but where asset health models can be reasonably developed, they should be.	Stainless Steel Cable Hanger Replacement Project Documents, XSC Fibre Optic Splice Closure Replacement Project Documents. EEA's Asset Health Indicator (AHI) Guide - 2016.	N/A	The organisation is considering what 'asset health' models could be reasonably developed for it's asset fleets. We've identified the need for batch based replacement forecasts for our stainless steel cable hangers and XSC fibre optic splice closures we've identified through faults and follow-up inspections that a specific batch of the product are performing poorly due to faster corrosion rates. In addition to looking at developing our own asset health models, we believe their may be scope to develop these models in an industry working group, similar to Electricity Engineers' Association NZ Asset Management Working Group that developed the Asset Health Indicator Guide for the Electricity industry. We would be happy to be an active participant in such a group.
13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	35	Describe how the business plans to ensure that there is a clear line-of-sight from asset condition data through to the expenditure forecasts and financial reporting. (note - target score and initiatives must be reported under 25 above).	ISO 55002, 9.1	Systematised asset management systems should ensure that there is consistency and traceability of technical asset information and condition data, through to the financial systems. This will support robust expenditure forecasting and decision making. This is consistent with ISO 55002 section 9.1	Annual Fibre Business Plan, 10-year Group Financial Model, Project Documents, monthly financial schedules and month end finance report.	N/A	Senior Management are aware of the need to have clear line of sight between asset condition data and our financial forecasts. We are confident that our project costs are well monitored and controlled for the UFB build stages with CIP and that we have captured early asset lifecycle information such as the asset, it's location and it's age accurately. Senior management are actively involved in the 10-year investment planning processes and share this information . As we have noted in Q32-33 we intend to capture asset condition data albeit cautiously and we aware of the need for recoding this for traceability to our asset investment decisions.
13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	36	Describe how it plans to ensure it has an audited and regularly-maintained platform for sharing network asset data with internal and external stakeholders	ISO 55002, 2.5 and 8.3.2 (e)	Ensuring that asset and network data is verifiably accurate and enabling platforms for accessing that data made available to internal staff and third party providers will improve asset management outcomes.	Geographic Information System (GIS) Data Model and Data Quality Assurance processes. Mobile Workforce Applications and Interfaces with GIS including our Fibre and Contractor Management Consoles (FMC/CMC)	N/A	We review the data we collect and share in our web based applications for internal staff, retailers and contractors requesting or doing work on our network. These web based applications have been developed internally to match our operational business processes over time and include asset and network data. We think there may be scope to audit this information more formally.

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models

Section	Question No.	Function	Standard Ref. (For guidance only)	Scope/purpose of description	Evidence - Summary	User Guidance	Description of Practices
13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	37	Describe how the business plans to test its asset and network performance, evaluate whether it is achieving its asset management policies and objectives, and identify ways to improve the performance of its network.	ISO 55000, 9.1	The asset management system should use monitored and measured data to obtain information regarding asset and network performance. This should be used to evaluate whether the asset management policies and objectives are being met, and identify corrective actions and areas for improvement.	Network Monitoring, Monthly Reporting, Senior Management Deep Dive Sessions. Annual Fibre Business Plan and information Disclosure Reporting.	N/A	Senior Management will continue to review performance measures monthly and take corrective action taken if network or asset performance starts to degrade.
13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	38	Describe how the business intends to develop its asset criticality understanding, and how this informs its asset replacement and renewal strategies.	ISO 55002, 6.2.2.3 and 6.2.2.4	Understanding asset criticality and the impact that asset has on supply reliability if it fails is a key input into intervention prioritisation.	Geographic Information System (GIS) Data and Connectivity Model. Mobile Workforce Applications and Interfaces with GIS including our Fibre and Contractor Management Consoles (FMC/CMC). EEA's Asset Criticality Guide.	N/A	We've addressed this in Q21 under planned initiatives.
13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	39	Describe how the business intends to improve its network asset risk framework so it can make risk-based decisions, including where appropriate, risk-based decisions based on reliability risk, environmental risk, high-impact low-probability event risk, and safety risk.	ISO 55002, 6.2.2.3 and 6.2.2.4	The risk spectrum includes a wide range of risk considerations such as expected event risk, due to asset reliability events, through to unexpected HILP events that may involve multi-asset long duration outages for events such as earthquakes or floods. Safety risk involves asset failures in the proximity of staff or the public, and environmental risk may involve asset failure that has an environmental impact. A comprehensive risk framework will provide a platform for these risk considerations to inform risk mitigation strategies and expenditure decisions.	Group Risk Management and Legal Compliance Framework. Fibre Business Plan.	N/A	Our intention is to identify asset related risks throughout the asset life cycle in our asset fleet strategies and that these controlled documents inform our asset management planning and investment processes. We believe the development and maintenance of our asset fleet strategies will be a key part of our network asset risk framework.
13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	40	Describe how the business is developing practices to identify and mitigate safety risks, including the use of a framework such as ALARP to prioritise identified safety risks and to justify investments to mitigate those risks.	ISO 55002, 6.2.2.3 and 6.2.2.4 and clause 22 of the Health and Safety at Work Act 2015	Risk calculations related to safety risk should be sufficiently explicit for decision makers to understand relative asset and network related safety risks, risk prioritisation, and the economic decision making surrounding mitigations if these are to provide risk controls above levels required by network design standards and statutory requirements.	Group Risk Management and Legal Compliance Framework. Northpower Group Risk Appetite Statement. Health and Safety Strategy, Critical Risk Management Framework, Critical Risk Controls. Fibre Business Plan.	N/A	Northpower's critical risks and controls frameworks is used to manage safety risks. Northpower's board approved group risk appetite statement provides guidance around ALARP for each high-level strategic objectives.
13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	41	Describe how the business plans to routinely audit, update, and manage its cost estimation models.		Project and programme costs estimation is a key component of robust asset and project investment decision making.	Timesheets, scheduled rates, capex request forms, project cost information and month end finance reports.	N/A	Leadership team regularly review cost estimates and cost estimate models from bottom-up using time sheets, supplier invoices or top-down annually, at contract start/renewal or when unexpected variances in labour materials and plant.
13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	42	Describe how the business plans use actual costs of completed capital expenditure and operating expenditure projects and programmes, to improve future cost estimates.		Using actual project and programme costs to review estimates will help ensure that future forecasts are likely to be more accurate and drive efficiencies.	Timesheets, scheduled rates, capex request forms, project cost information and year end finance reports.	N/A	Leadership team has accurate actual cost data per build stage (urban densities) and connection types (underground, overhead) that is used to improve future cost estimates and compare cost efficiencies between builds (i.e. current RCU build vs. UFB2++ build)
13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	43	Describe how the business plans to ensure capital expenditure and operating expenditure projects and programmes are efficiently delivered and implemented, and meet applicable industry standards.			Fibre Business Plan, Contractor Management Framework, Project Management Capability and Audits	N/A	Senior Management will continue to ensure a skilled workforce is delivering the work and that our work management processes are initiating, planning and scheduling work efficiently. Senior Management will continue to ensure strong project governance for network build projects with Service Delivery Manager responsible for delivery efficiency of these large projects.