

Chorus Local Aggregation Path Utilization Report

Month 9 of Year 2020			
Peak Utilisation band (downstream traffic)	LAP other than Ethernet fibre-based LAP	Ethernet fibre-based LAP	Total
0-25%	2	6,872	6,874
25-35%	-	511	511
35-45%	2	318	320
45-55%	-	133	133
55-65%	-	55	55
65-75%	-	15	15
75-80%	-	2	2
80-85%	-	-	-
85-90%	1	-	1
90-95%	3	-	3
95-100%	46	-	46

7,960

Month 9 of Year 2020			
Peak Utilisation band (upstream traffic)	LAP other than Ethernet fibre-based LAP	Ethernet fibre-based LAP	Total
0-25%	41	7,902	7,943
25-35%	2	3	5
35-45%	3	1	4
45-55%	5	-	5
55-65%	-	-	-
65-75%	-	-	-
75-80%	-	-	-
80-85%	-	-	-
85-90%	1	-	1
90-95%	1	-	1
95-100%	1	-	1

7,960

Remediation Plans

There are 0 ports registering over the 80% threshold in the report.

Non Fibre LAP above 80% with Upgrade Plan

DSLAM Details	Exchange Area	DSLAM Type	Proposed Upgrade Comment	Upgrade Date
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Non Fibre LAP above 80% with No Upgrade Plan

DSLAM Details	Exchange Area	DSLAM Type	Peak Utilisation	Frequency	Commentary
AO/H	Akaroa	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
AO/N	Akaroa	ISAM-FD 7330	100%	Daily	Hub ISAM with Restricted Copper Backhaul
AP/C	Apiti	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
BAL	Balfour	ISAM-FD 7302	100%	Daily	Hub ISAM with eDMR Backhaul
BLI/E	Blairlogie	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
BLI/H	Blairlogie	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
BM/AV	Blenheim	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
ELP/F	Elsthorpe	ISAM-FD 7302	100%	Daily	Hub ISAM with eDMR Backhaul
GBI/T	Great Barrier	ISAM-FD 7302	100%	Daily	Hub ISAM with eDMR Backhaul
HMB	Halfmoon Bay	ISAM-FD 7302	100%	Daily	Hub ISAM with eDMR Backhaul
KOU/A	Kohukohu	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
KWA	Kawhia	ISAM-FD 7302	100%	Daily	Hub ISAM with eDMR Backhaul
KWA/P	Kawhia	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
LOB	Lockmara	ISAM-FD 7330	100%	Daily	Hub ISAM with Restricted Copper Backhaul
MBA/S	Martinborough	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
MCF/J	Macreas Flat	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
MDL	Middlemarch	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
MH	Mahia	ISAM-FD 7302	100%	Daily	Hub ISAM with eDMR Backhaul
MSI/G	Mosgiel	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
MTW/B	Matiere	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
OAH/D	Okaihau	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
OGU/AK	Ongarue	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
OMK/U	Omakere	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
OR/N	Ohura	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
PC/A	Port Chalmers	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
PH	Porangahau	ISAM-FD 7302	100%	Daily	Hub ISAM with eDMR Backhaul
PIN/P	Pirinoa	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
PLO/MQ	Pelorus Sounds	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
POG/A	Pongaroa	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
PTO/BF	Patoka	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
PTS/MP	Picton Sounds	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
QST/GA	Queenstown	ISAM-FD 7302	100%	Daily	Hub ISAM with eDMR Backhaul
QST/GB	Queenstown	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
TEF/N	Te Akau	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
TEF/V	Te Akau	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
TEG/H	Te Anga	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
TEG/R	Te Anga	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
TG/AS	Tauranga	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
TIO/C	Tirohanga	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
TMN/BR	Taumarunui	ISAM-FD 7330	100%	Daily	Hub ISAM with Restricted Copper Backhaul
TN/A	Tinui	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
TN/K	Tinui	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
TPE/M	Taihape	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
TPR	Tapora	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
TPV/AL	Te Puke	ISAM-FD 7302	100%	Daily	Hub ISAM with eDMR Backhaul
UPN/AC	Upper Hutt North	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
WE/G	Waimate	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
WEB/U	Weber	ISAM-FD 7330	100%	Daily	Hub ISAM with eDMR Backhaul
WHN	Whangaruru	ISAM-FD 7302	100%	Daily	Hub ISAM with eDMR Backhaul
WU/G	Waiau	ISAM-FD 7302	100%	Daily	Hub ISAM with eDMR Backhaul

Note on eDMR Backhaul -The eDMR Backhaul technology utilised in the Chorus network does not have a fixed throughput capacity. Its capacity varies with atmospheric conditions and all services (such as DSLAMs, Cellular, Business) share a common pool of capacity. As a result it is very difficult to determine the exact % utilisation at any point in time and which service is driving that utilisation. Chorus is investigating more detailed traffic reporting for these links.