

Chorus Local Aggregation Path Utilization Report

Month 7 of Year 2017			
Peak Utilisation band (downstream traffic)	LAP other than Ethernet fibre-based LAP	Ethernet fibre-based LAP	Total
0-25%	74	6,225	6,299
25-35%	9	836	845
35-45%	5	398	403
45-55%	2	155	157
55-65%	9	65	74
65-75%	6	18	24
75-80%	1	5	6
80-85%	2	13	15
85-90%	3	28	31
90-95%	4	1	5
95-100%	329	-	329

Month 7 of Year 2017			
Peak Utilisation band (upstream traffic)	LAP other than Ethernet fibre-based LAP	Ethernet fibre-based LAP	Total
0-25%	182	7,738	7,920
25-35%	77	1	78
35-45%	89	3	92
45-55%	58	-	58
55-65%	14	-	14
65-75%	13	-	13
75-80%	5	1	6
80-85%	3	1	4
85-90%	2	-	2
90-95%	1	-	1
95-100%	-	-	-

Remediation Plans

There are 42 ports registering over the 80% threshold in the downstream report and one over the 80% threshold in the upstream direction.

38 of those ports were subject to a fault and they ran at an average of 85% for four hours. The fault was rectified and levels returned to normal. No further action is required.

A port had a single short duration traffic increase to 91.2% then returned to its normal level , average maximum of 15%. No further action is required.

There are four ports exceeding 80% supporting rings:

- Birkenhead DSLAM-06 -DSLAM-07
- Birkdale DSLAM-07 - DSLAM-08 - DSLAM-09
- Titahi Bay DSLAM-03 - DSLAM-04
- Papatoetoe DSLAM-09 -DSLAM-10

These are expected to be remediated in the next three months, they will continue to be monitored.

Chorus has under way a major project to remove most DSLAM rings from the access network, this project is expected to last through till 2018. This project will remove the concentration of traffic that occurs on the first port of the ring.