

FANS Interoperability Team Meeting (FIT/20)

Auckland New Zealand, 26-27 February 2013

Agenda Item 5 – Working Papers

Inmarsat Performance Monitoring

Presented by Airways New Zealand

SUMMARY

This paper provides an example of the new monitoring capability available to Inmarsat for monitoring ADS-C latency at the new SED ground station in Perth.

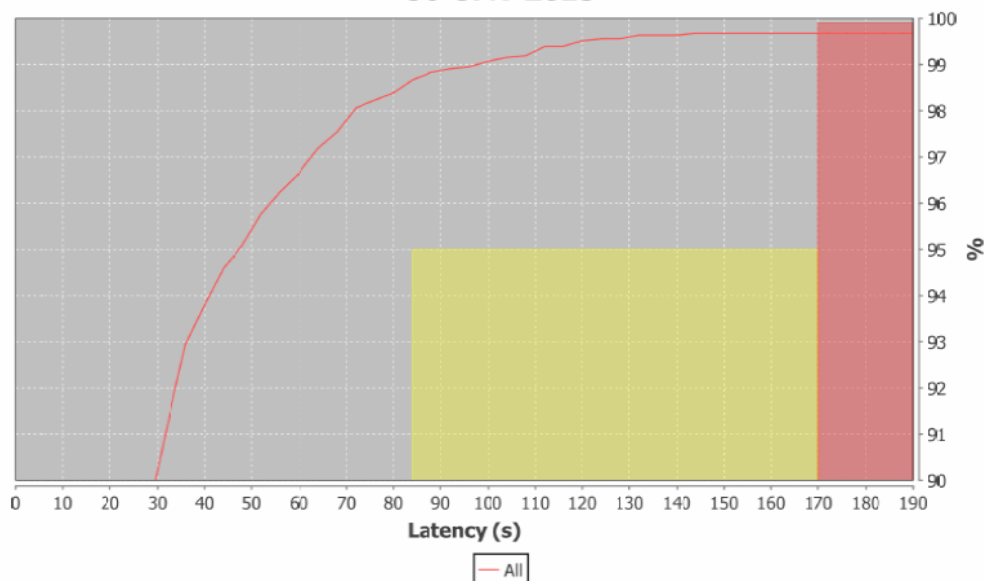
1. INTRODUCTION

- 1.1. This is an example of Inmarsat monitoring of ADS-C downlink latency from the new SED GES at Perth. While the sample is only over a short time frame it does a good example of the monitoring capability Inmarsat will have available at each GES as they are progressively upgraded.
- 1.2. This capability should be a very useful tool as we strive for continuous performance improvement.

2. DISCUSSION

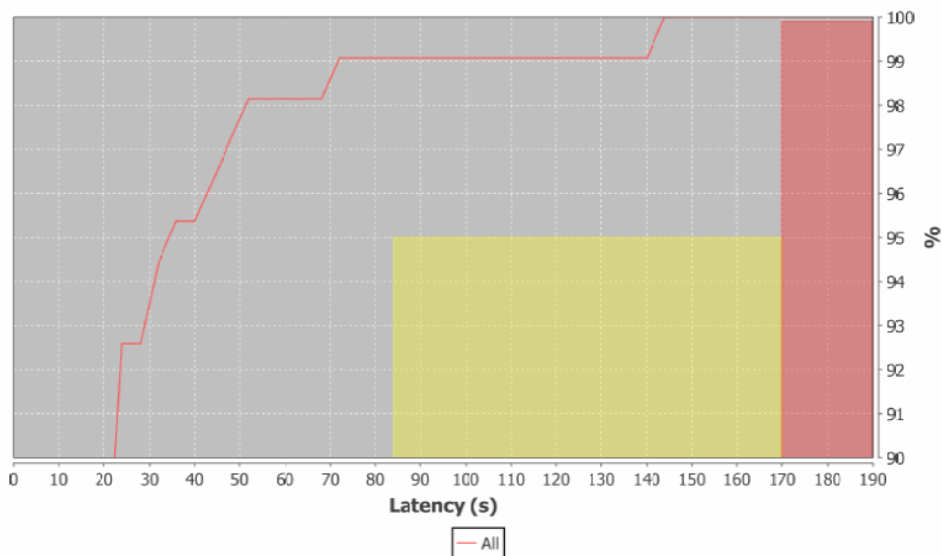
- 2.1 All Downlinks. This graph provides an analysis of all downlinks received at Perth for a period after the upgrade from 26/0430-1130UTC. We have asked Inmarsat to provide the data from 26/0430 -31/2359 March to enable a comparison with our data for the same period.

ADS Downlink: Tue Feb 26 04:30:56 GMT 2013 - Tue Feb 26 11:30:56 GMT 2013



2.2 NZZO Downlinks. The graph below provides an analysis of all ADS-C downlinks for NZZO received at Perth for a period after the upgrade from 26/0430-1130UTC.

ADS Downlink: Tue Feb 26 04:30:56 GMT 2013 - Tue Feb 26 11:30:56 GMT 2013



3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) Note the information in this paper.