



INTERNATIONAL CIVIL AVIATION ORGANISATION

**AFI PLANNING AND IMPLEMENTATION REGIONAL GROUP (APIRG)
AFI OPMET MANAGEMENT TASK FORCE MEETING (AFI OPMET MTF/4)**

(Pretoria, South Africa, 10-11 September 2012)

Monitoring of requests received from AFTN users

(South Africa and Dakar)

SUMMARY

The paper present the results of requests received from AFTN users at Pretoria RODB. The monitoring period was from 1 January to 30 August 2012.

1. INTRODUCTION

1.1 Paragraph 4.1 of the AFI ICD states that RODBs should do continuous monitoring of requests received from AFTN users. The results of users who accessed the RODB Pretoria and the status of their requests are presented in this paper.

2. DISCUSSION

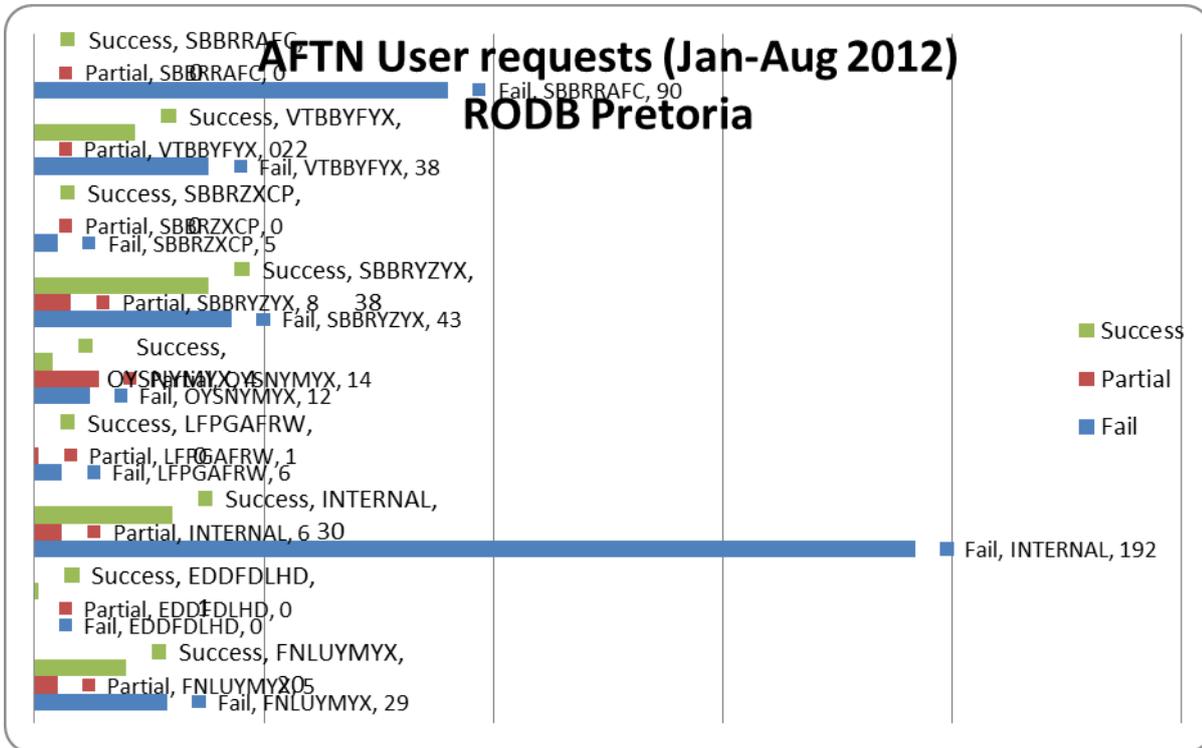
2.1 As mentioned in the preceding paragraph, the two RODBs should monitor the users who access the databases requesting for OPMET data. The purpose of the monitoring is to determine possible abuse/misuse of the databank infrastructure my unauthorized users.

2.2 The results presented in the table below shows the summary of activities by users when requesting OPMET data from Pretoria RODB. Detailed report which shows a monthly breakdown of these activities are included as an Appendix A to this paper. The meeting may wish to note that the monitoring results from RODB Dakar were not included in this analysis. In addition, the total number of AFTN users who queried the OPMET data during the monitoring period was nine (9).

2.3 In total, there were 572 queries received from AFTN users at Pretoria RODB during the monitoring period. Of this number, 422 were failed, 34 partially successful and 116 successful requests. What is important to note is the number of failed requests of which the majority was because of incorrect format in the query message used. The partially successful queries were as a result of part of the query message being incorrectly formatted. In this case the user could access some of the OPMET data but not everything.

2.4 Further, the meeting may wish to note that the number of successful requests is very low compared to the failed ones which is a concern. The RODB Pretoria will use this information to determine the contributing factors and possible areas for improvement. It is believed though that most users may not be having access to the AFI ICD which is the document providing the format of the query message(s).

2.5 The table below provides a summary of the monitoring results over eight months period. The detailed results are provided as an Appendix to this paper. It can be noted that the list of users (AFTN addresses) is indicated on the left (y-axis) of the table.



3. **ACTION BY THE MEETING**

3.1 The meeting is invited to note the information provided in this working paper.
