

**List of occurrences between April 3 and June 6, 2017**

1. Momentary hitch experienced with the Flight Data Processors (FDPs) of the new ATMS' main system on April 8

It was caused by the accumulation of users' preferences settings in excess of the preset system thresholds. The contractor, Raytheon Company, has provided a software fix to increase the maximum number of users' preferences allowed; to enhance the system's alert messages to technical staff when the accumulation of users' preferences settings has reached the preset system thresholds before reaching the limit, so that appropriate follow-up action can be taken by the technical staff; and to give alerts to the users rejecting the creation of new preferences settings once their accumulation reaches the preset system limit, without affecting the normal operation of the new ATMS. After being tested by the contractor at its factory, followed by the on-site testing in Hong Kong and upon completion of the relevant safety assessments, the software fix has been implemented successfully in the new ATMS on May 15.

2. Temporary power supply failure of the workstations in two Controller Working Positions (CWPs) in the Air Traffic Control (ATC) Centre caused by a malfunctioning power supply selector on April 20

The CAD advised the expert panel that a comprehensive inspections on all the other power supply selectors have been conducted to ensure that they are all functioning properly. The CAD has also gauged professional views from relevant government department (the Electrical and Mechanical Services Department) and the power supply company in order to study whether it is necessary to optimise the design of the electricity supply of the CWPs. It is estimated that the study will be completed by July.

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