International Civil Aviation Organization

THIRTEENTH MEETING OF THE ASIA/PACIFIC REGIONAL OPMET BULLETIN EXCHANGE WORKING GROUP (ROBEX WG/13)

Seoul, Republic of Korea, 16 – 18 March 2015

IWXXM Exchange Testing between Singapore IROG and FAA

1. INTRODUCTION

1.1   Singapore conducted an IWXXM exchange test with Federal Aviation Authority (FAA) in March 2015.

2. TEST ACTIVITIES

2.1   A Pre-Ops test was conducted on 11 Mar 2015 between 0230 and 0330UTC. The objective of the Pre-Ops test was to verify the AMHS connection between the Civil Aviation Authority of Singapore (CAAS) and FAA via London Message Transfer Agent (MTA) before the actual testing.

2.2   Five Messages consisting one Volcanic Ash SIGMET, one TAF and three METAR were generated from the XML Converter and sent from Message Switching System to CAAS AMHS Server. Their abbreviated bulletin headers were listed as follows:

    LTSR31 WSSS 102300
    LVJP31 RJJJ 110020
    LASR31 WSSS 110200
    LASR31 WSSS 110130
    LASR31 WSSS 110100

2.3   On 11 Mar 2015 at 1415UTC, KATLATNA (FAA's address) confirmed receipt of the pre-test messages via UK AMHS.

2.4   The actual testing was conducted on 17 Mar 2015 between 0200 and 0630UTC. Singapore IROG sent selected XML messages (near Real-time METAR/TAF/VA SIGMET issued by MWO RJTD) to FAA through the AMHS switch.

3. TEST RESULT

3.1   To date, there is no confirmation from FAA on the receipt of the XML messages. Test result and lessons learnt will be shared in the next meeting.

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