**Fourteenth Meeting of the Cross Polar Trans East Air Traffic Management Providers’ Work Group (CPWG/14)**

(Chicago, USA – 10-14 December 2012)

**Agenda Item 3: Summary of Pertinent Issues from the ANSPs Meeting and other relevant meetings**

**The Volcanic Ash Exercise in Kamchatka (VOLKAM13)**

(Presented by Civil Aviation Bureau, Japan)

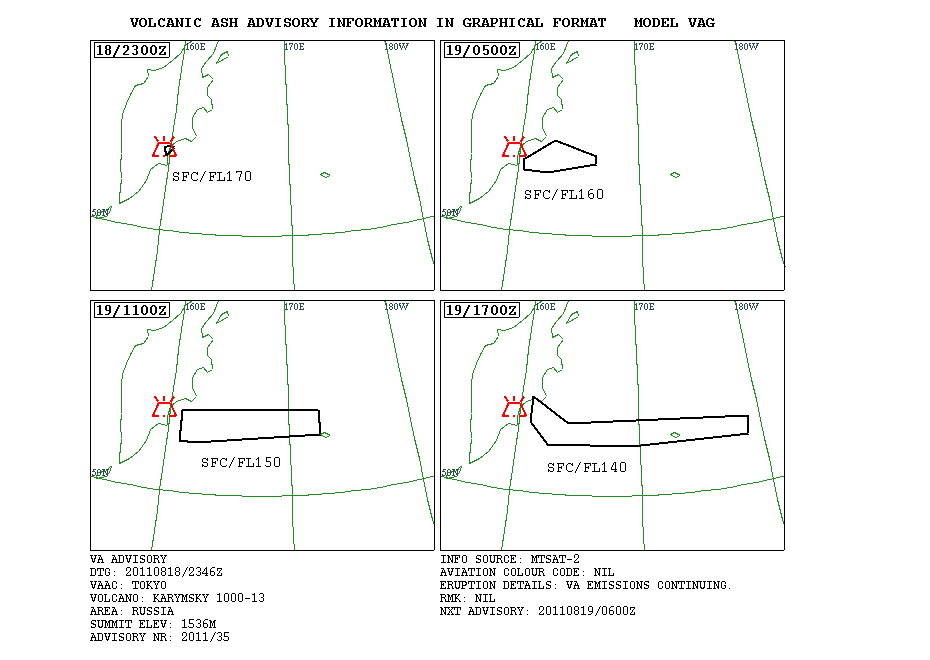
**SUMMARY**

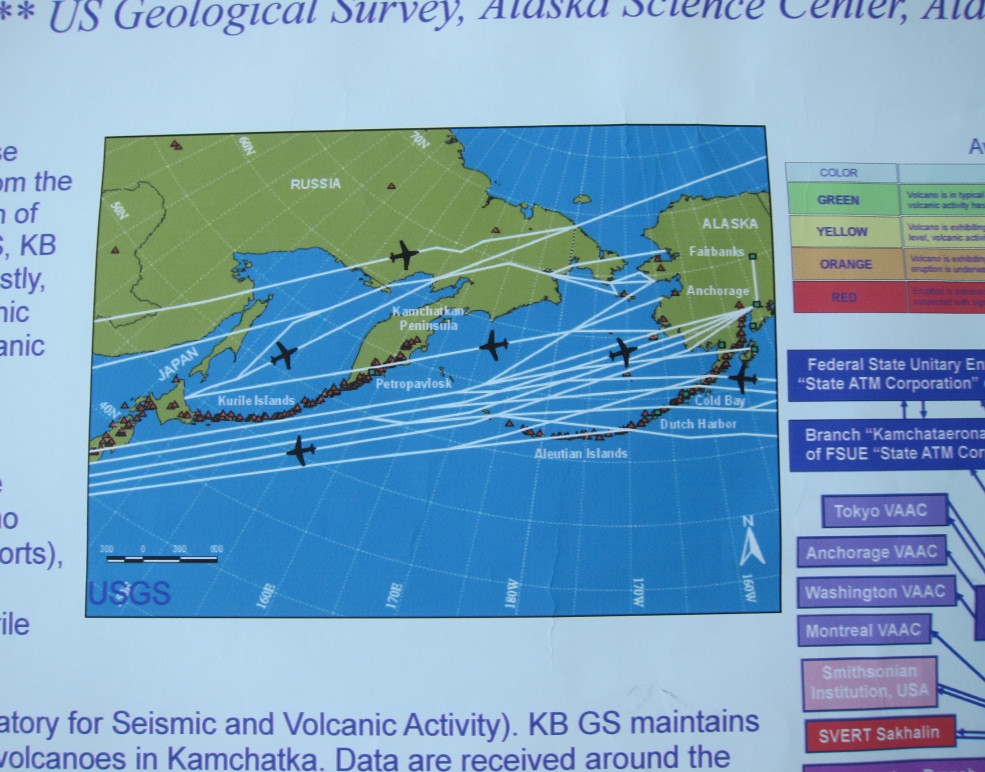
This paper presents information on the volcanic ash exercise in Kamchatka in January 2013 (VOLKAM13).

1. Introduction
   1. The first meeting of the Volcanic Ash Exercises Steering Group for the (far) eastern part of the EUR Region (EUR (EAST) VOLCEX/SG/1) was held in Petropavlovsk-Kamchatsky, the Russian Federation from 21-23 August 2012.
   2. The meeting discussed the work in developing a frame of the Exercise Directive that will be used in guiding the volcanic ash exercise in Kamchatka in January 2013 (VOLKAM13).
2. Discussion
   1. AIMS AND OBJECTIVES OF EXERCISE
      * demonstrate information flow (VONA, VAA, SIGMET, NOTAM)
      * demonstrate coordination procedures between national ATM Centres ( ATMC Japan, ATCSCC, MATC Russian)
      * demonstrate coordination procedures between ACCs (ATMC Oceanic, Sapporo, Anchorage, Petropavlovsk-Kamchatsky, Magadan, Khabarovsk)
      * demonstrate coordination procedures between providers and airlines
      * consider adapting Air Traffic Management Volcanic Ash Contingency Plan (ATM VACP) template developed by the International Volcanic Ash Task Force (IVATF)

\*Noting no operational impact expected from test

* 1. EXERCISE DURATION
     + 2100 UTC 15 Jan 2013 / 0600 UTC 16 Jan 2013
  2. EXERCISE VOLCANO
     + Karymsky 1000-13 N54 03 E159 27 Russian Federation - Kamchatka
  3. EXERCISE SCENARIO
     + Eruption with ash column to FL410 moving southeast to impact NOPAC routes.





* 1. Attributes of the exercise include the following:
     + Issue NOTAM 7 days in advance notifying of the exercise using the name of VOLKAM13 (volcanic ash exercise in Kamchatka in 2013)
     + Eruption combined with northwest wind scenario to impact the NOPAC routes (R220, R580, A590, A591, G344) during peak traffic of 00-04 UTC
     + Two VONAs issued, the first at 2100 UTC and the second at 2130 UTC that could advance the cloud (fast forward) to impact the NOPAC routes
     + Two Volcanic Ash Advisories are expected to be issued during the exercise (one in the first 90 minutes of the exercise and the other six hours later)
     + A teleconference amongst the players is expected to occur approximately one hour after the first volcanic ash advisory is issued
     + Airlines to recommend reroutes in the teleconference, but should be prepared beforehand to assist ACCs in simulating traffic congestion considering the expected impact
     + Filing of new flight plans based on reroutes was acceptable provided these test flight plans were issued by non-official communications (e.g. email)
     + The teleconference details will be provided noting that the Russian Federation may have the facilities to host the teleconference and that ATMC JAPAN and the ATCSCCUS could be considered as other options
     + A log of events was expected to assure proper flow and timing of information sent/received or any action done
     + Notification of end of test would be expected by NOTAM
     + Reports by participants due the end of January 2013 noting a template would be provided by the Russian Federation
     + Final report to be developed by the Exercise Leader approximately one month after the exercise has completed
     + Exercise debrief meeting expected to take place in the second half of February 2013 at the ICAO EUR/NAT Regional Office in Paris

1. **Recommendation**
   1. The meeting is invited to note the information provided.