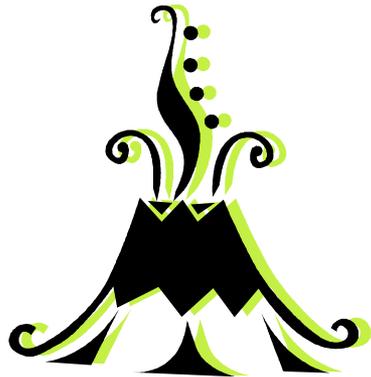


Lessons learned and recommendations

14-16 Sep. 2015



Volcanic Ash Advisory Centre Tokyo
Japan Meteorological Agency

Japan Civil Aviation Bureau

Sending and receiving information

VAAC Tokyo: player

✿ VAA/VAG issuances were successful

✿ However, it could not receive NOTAM and ARS

NOTAM → need to check if NOTAMs were correctly sent to
RJZZNAXX and **RJTDYMYX**

ARS → need to obtain all the headers possible to be used
to update settings in JMA

✿ In addition, flight level in VONA and VAA had a discrepancy

→ - this may occur only at exercises

- PHIVOLCS and VAAC Tokyo agreed to have thorough coordination
next time

Sending and receiving information

Japan Civil Aviation Bureau: observer

✦ The response of Manila ACC for re-routing was quick and good

✦ Realized the necessity of more discussion for

- method for information distribution not to impact real operations
- whether or not to close the airspace

*Doc9974: **The operator should not be prevented from operating** through, under or over, airspace forecast to be affected **by a VAA, VAG or SIGMET** provided it has demonstrated in its SMS the capability to do so safely.*

*Doc9691: **it may be necessary to close the airport entirely**. The worst situation is a protracted series of volcanic eruptions which could close the airport for weeks.*

- how to monitor the exercise in real-time

as well as the necessity of sharing the preparation status

Sending and receiving information

VAAC Tokyo's additional comments

✿ CDM meeting needs improvements

difference between regular report and CDM meeting was not clear

chairperson at CDM meeting was not clear

Recommendations

Before exercise:

- Create a list of
 - AFTN addresses to distribute VAA/VAGs
 - Routing of NOTAM
 - Possible headers especially for pilot reports
- Share preparation status of each organization
 - ... e.g. creating a check sheet periodically to see if any items are delayed*
 - ... coordinating message details to prepare consistent information is necessary*
- Share plans how to distribute information
 - ... exercise should not impact a real operation*
- Decide whether or not to close (virtual only!!) airspace during the exercise after fully understanding the current regulations

Recommendations

Before ~ during exercise:

- Monitor the exercise in real-time via website ???
 - ... *creating a website for issuances of all the messages*
 - *who? secretariat? A certain agency on behalf of secretariat?*
 - ... *reporting to the secretariat is also required*
- Conduct a CDM meeting based on a script
 - ... *creating a script (see sample script from secretariat)*

~ Optional inquiry ~

Do we need a special advisory number at exercises?

e.g. VAA/VAG uses 9999/#.

SIGMET for Fukuoka FIR uses Z99 as recommended in the SIGMET Guide in APAC Region.

Recommendations

After exercise:

- Confirm if information is distributed/received correctly
... reporting to the secretariat
- Take appropriate actions for improvements



Thank you