EASA Workshop
Cologne, 20th January 2011

ICAO Volcanic Ash Exercise VOLCEX 11/01 and EVITA

Žarko SIVČEV
EUROCONTROL/Directororate Network Management
Lessons learnt from ash crisis

May 2010:
European Aviation Crisis Coordination Cell

Network management expertise

Political leadership
European Aviation Crisis Coordination Cell (EACCC)

Facilitate management of crisis situations affecting aviation in Europe

Activated when circumstances beyond normal environment of ops are evident

Members
- Airlines
- ANSP
- Airports
- Regulators
- Military
- ANSP
- Military
- EUROCONTROL
- ICAO:
  - OACI:
  - IATA

EACCC
Scenario: eruption of an Icelandic volcano

Aim: check the amended contingency plan

Newcomers: EACCC and Regulators

Participants: EUR/NATLVOLCEX

V. ash exercise VOLCEX 11/01 13/14 Apr 11

http://www.paris.icao.int/Met/Volc_Ash/index.htm

Objectives!

New roles!
CFMU development: EVITA

(European Crisis Visualisation Interactive Tool for ATFCM)
EVITA prototype - aerodromes impacted
EVITA prototype - sectors impacted
EVITA prototype - flights affected
EVITA prototype - NOTAM declaring Danger Areas

(A0886/10 NOTAM R A0884/10
Q) BIRD/QWWLW/IV/NBO/W/000/350/xxxxNxxxxxE(orW)xxx*
A) BIRD B) 1011301214 C) 1011301814
E) TEMPORARY DANGER AREA ESTABLISHED FOR VOLCANIC ASH AREA
OF MEDIUM AND HIGH CONTAMINATION AS FOLLOWS:
SFC – FL200 7134N00842W-7136N00718W-7046N00353W-6935N00312W-
6716N00534W-6610N00918W-6711N00946W-7134N00842W

1. State publishes NOTAM
2. Eurocontrol plots it in EVITA

VOLCEX 11/01:
EVITA prototype
EVITA OPS: NOTAM declaring Danger Areas

(A0886/10 NOTAMR A0884/10
Q) BIRD/QWWLW/IV/NBO/W/000/350/xxxxNxxxxxE(orW)xxx*
A) BIRD B) 1011301214 C) 1011301814
E) TEMPORARY DANGER AREA ESTABLISHED FOR VOLCANIC ASH AREA OF MEDIUM AND HIGH CONTAMINATION AS FOLLOWS:

1. State uses EVITA to determine coordinates
2. Coordinates published in NOTAM and EVITA

Later: EVITA ops
EVITA - Future developments

- Ash concentration data, Danger Areas (NOTAM)
  - Display data received, at the frequency received
- Features
  - Dynamic (e.g. zooming, overlays with airspaces, a/d, etc.)
  - Static (e.g. snap shot of the tailor made chart, etc.)
- General
  - Support depiction of impacted areas & provide coordinates
- AO specific
  - Which of my flights are impacted? By which ash concentration & for how long?
  - Archive
Registered NOP users via e-mail

NOP.office@eurocontrol.int

send:

- Organisation name
- Token id
- Contact person in organisation

Non-registered NOP users register via:

http://www.cfmu.eurocontrol.int/cfmu/public/standard_page/cfmu_forms_of1_access.html