

# ***Atlantic Conference on Eyjafjallajökull and Aviation***

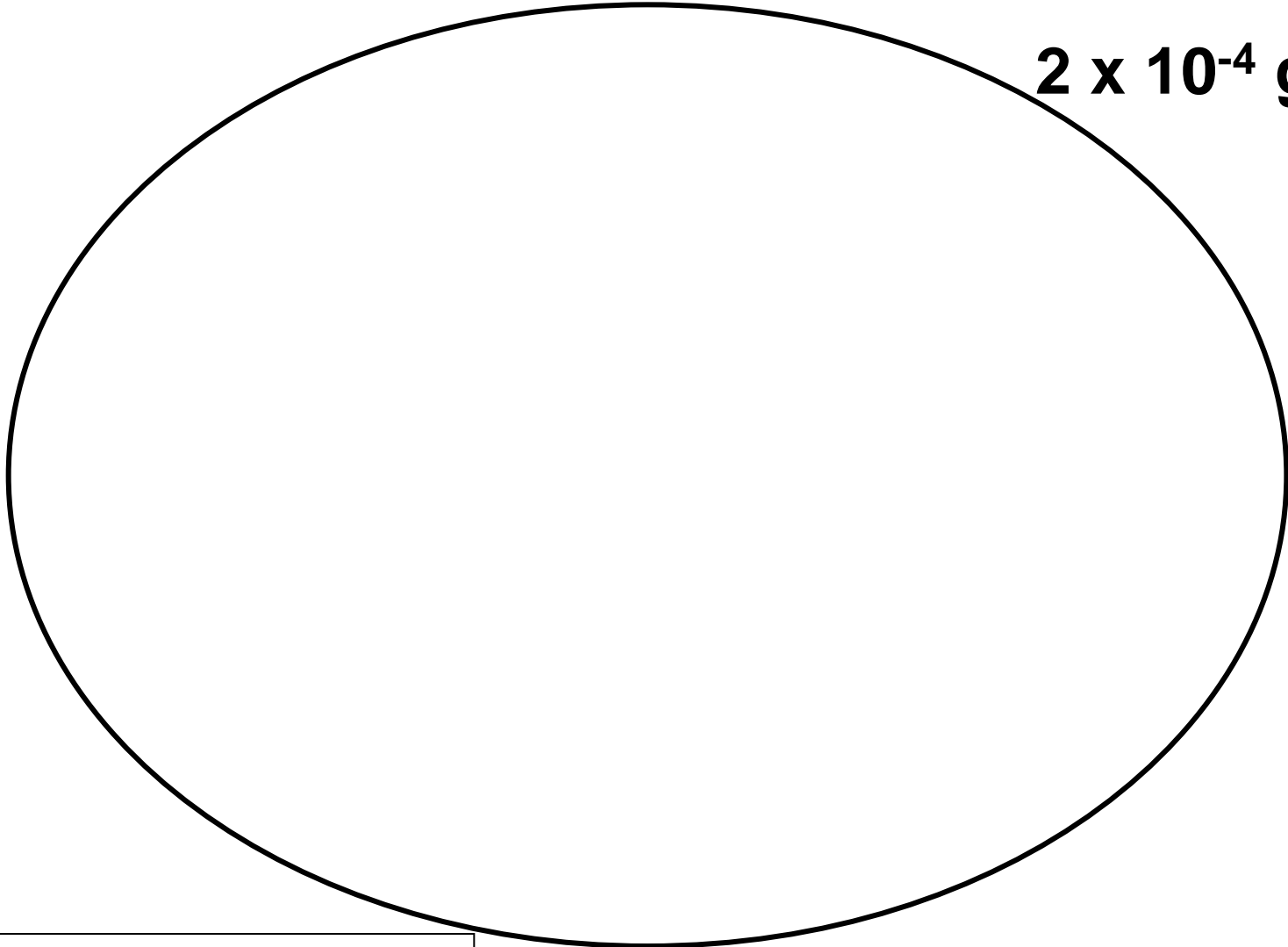
*15-16 September 2010  
Keflavik Airport, Iceland*

## ***UK volcanic ash safety regulations***

*Padhraic Kelleher  
Head of Airworthiness  
UK Civil Aviation Authority*

# The “Three Zone” Approach

$2 \times 10^{-4} \text{ g/m}^3$



**NORMAL OPERATIONS**

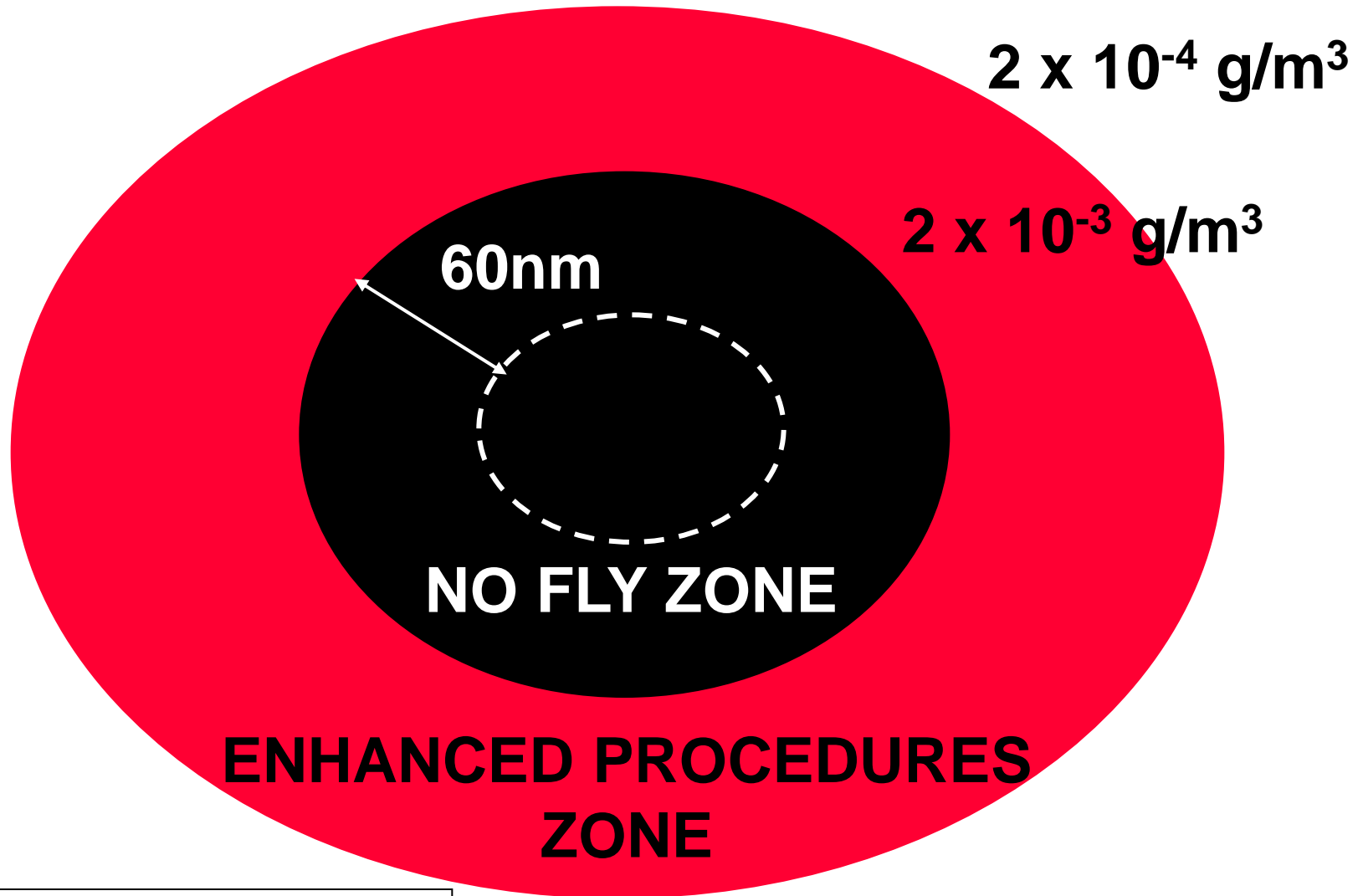
# The “Three Zone” Approach

$2 \times 10^{-4} \text{ g/m}^3$

**NO FLY ZONE**

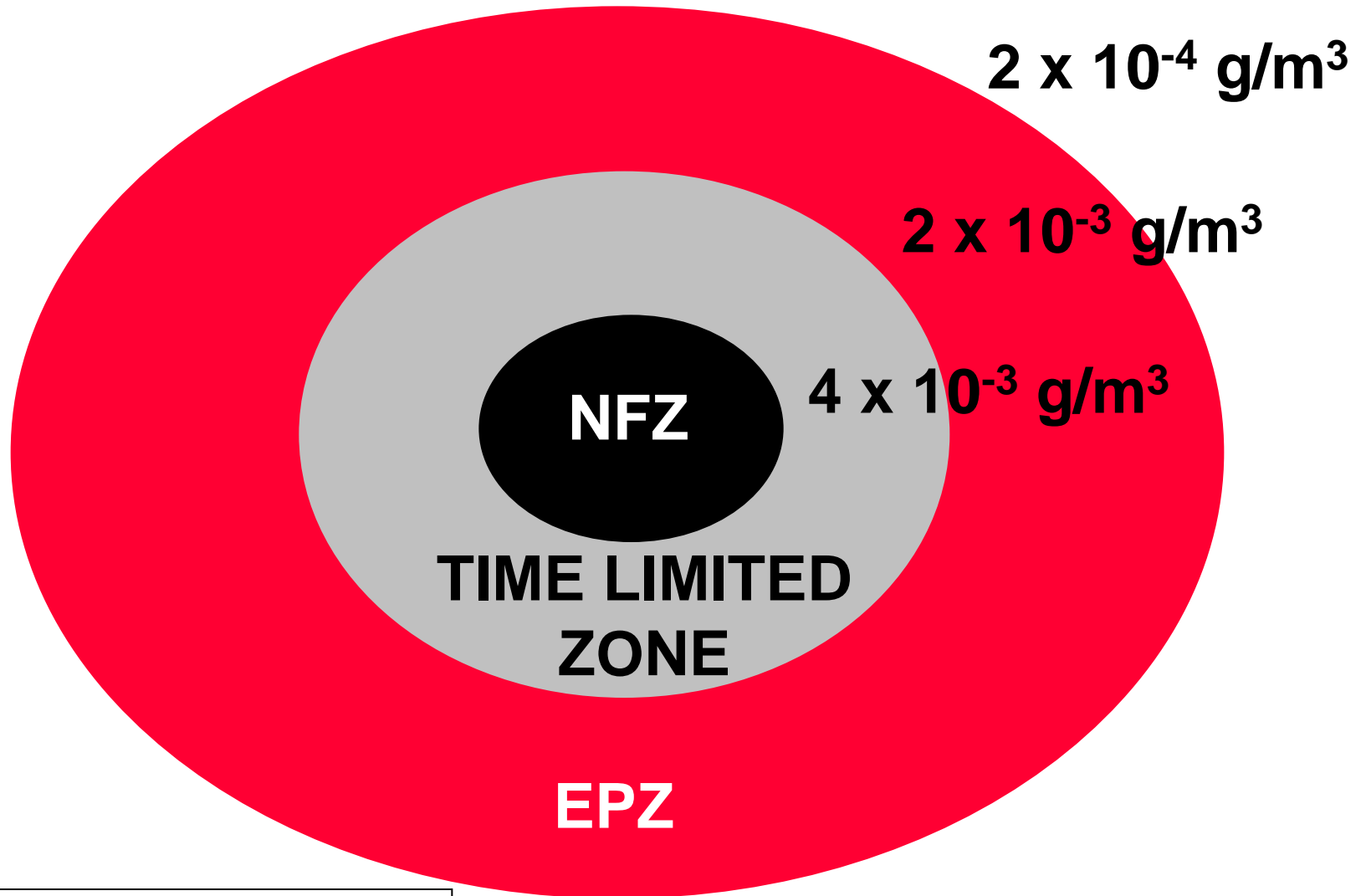
**NORMAL OPERATIONS**

# The “Three Zone” Approach



**NORMAL OPERATIONS**

# The “Three Zone” Approach



**NORMAL OPERATIONS**

# ICAO EUR/NAT Approach



**NORMAL OPERATIONS**

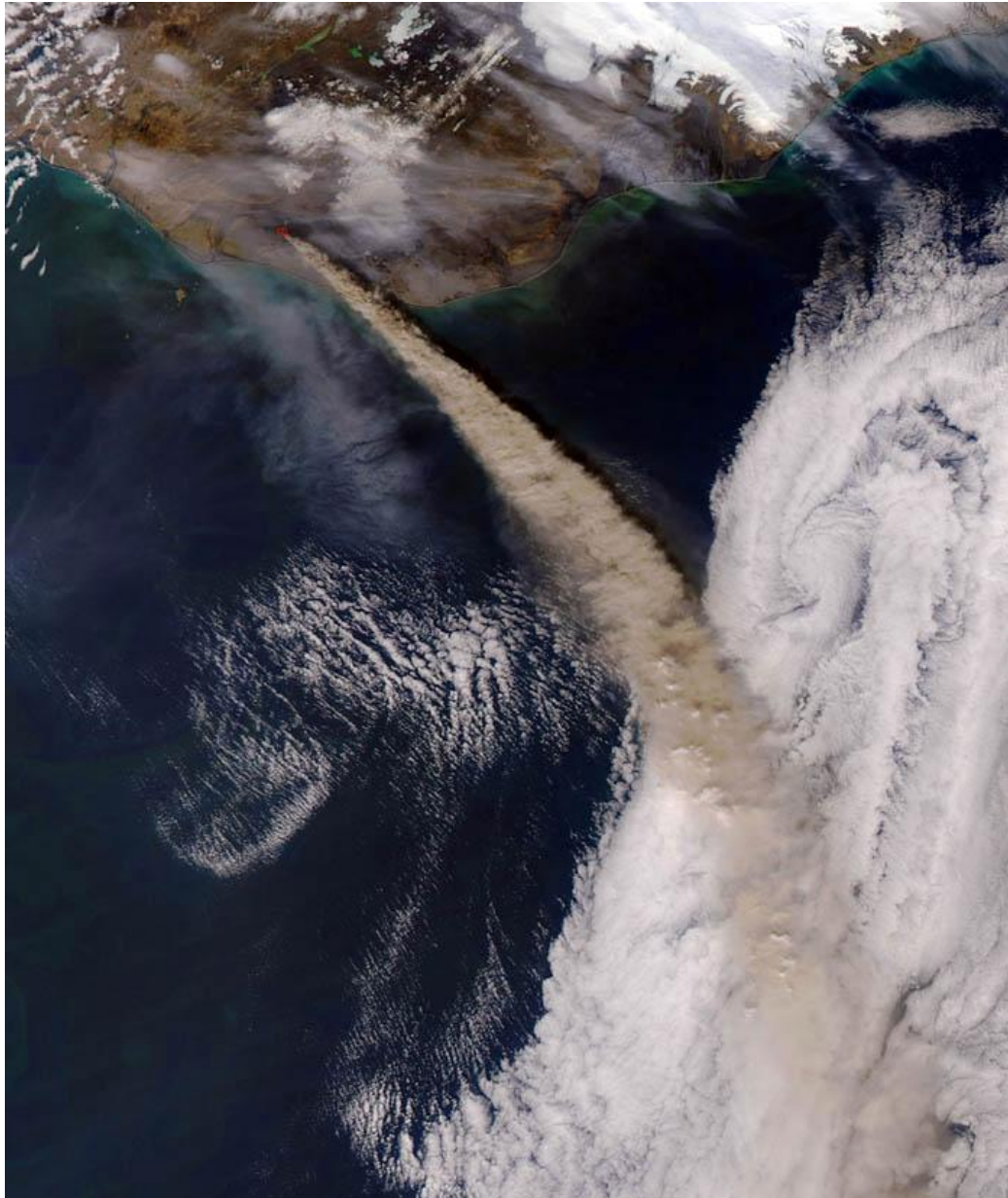
# Flight over, under, through NFZ



# Three Zone Approach - evaluation



# The “Visible Ash” Approach



- Unsafe ops
- Safe ops
- Normal ops

# Using the “Visible Ash” Approach



# The Way Forward



# Operator Risk Assessment Framework



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