

# Finnair's operations in the North Pacific

IPACG/48 FIT Meeting





# Finnair NOPAC flights

1. Fleet and destinations
2. Operational Challenges
3. Current Route Options
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## Airbus A330-300

1. 233t ETOPS 180

## Airbus A350-900

1. MTOW 280t ETOPS 300
2. MTOW 275t ETOPS 300
3. MTOW 268t ETOPS 180



Approximately 1,250 flights across the Pacific in 2022-2023 to/from destinations in Japan and Korea (towards the North Pole).

Seattle

Los Angeles

Dallas

Chicago

Miami

New York

Europe

Helsinki

Doha

Dubai

Delhi

Mumbai

Guangzhou

Hongkong

Bangkok

Phuket

Singapore

Shanghai

Seoul

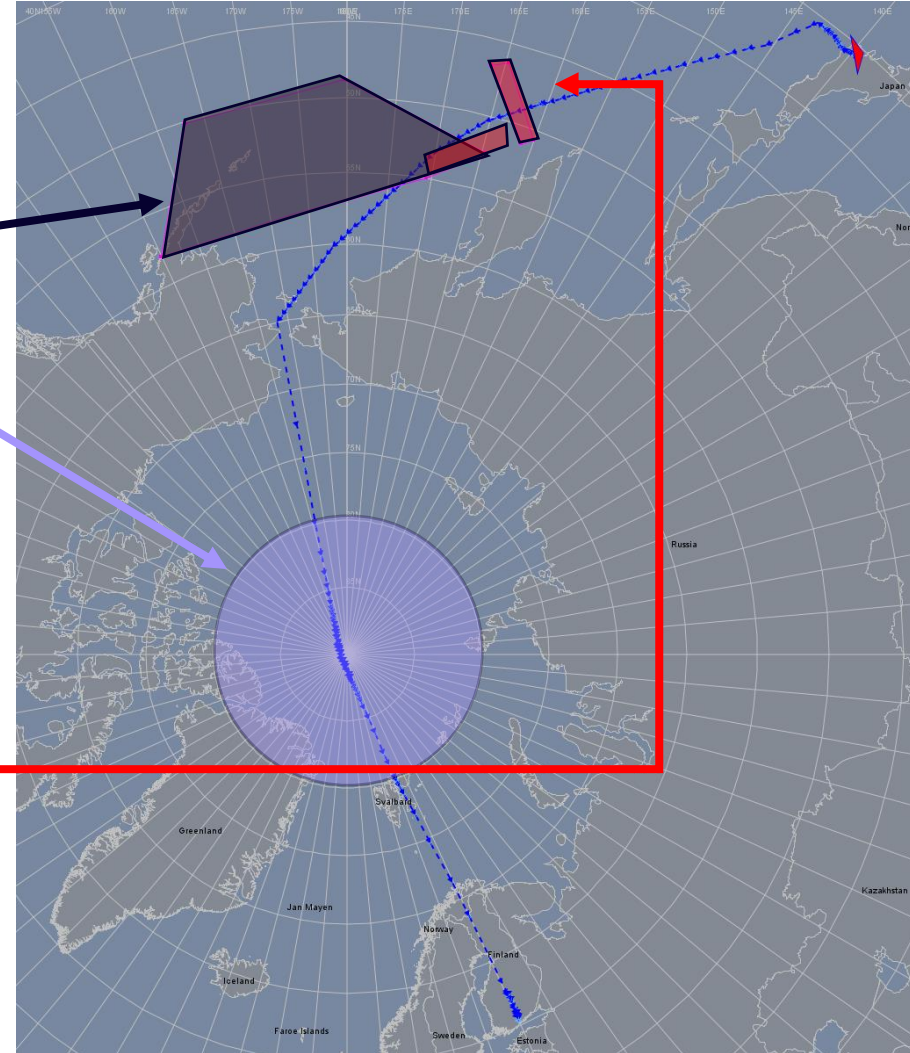
Tokyo

Osaka



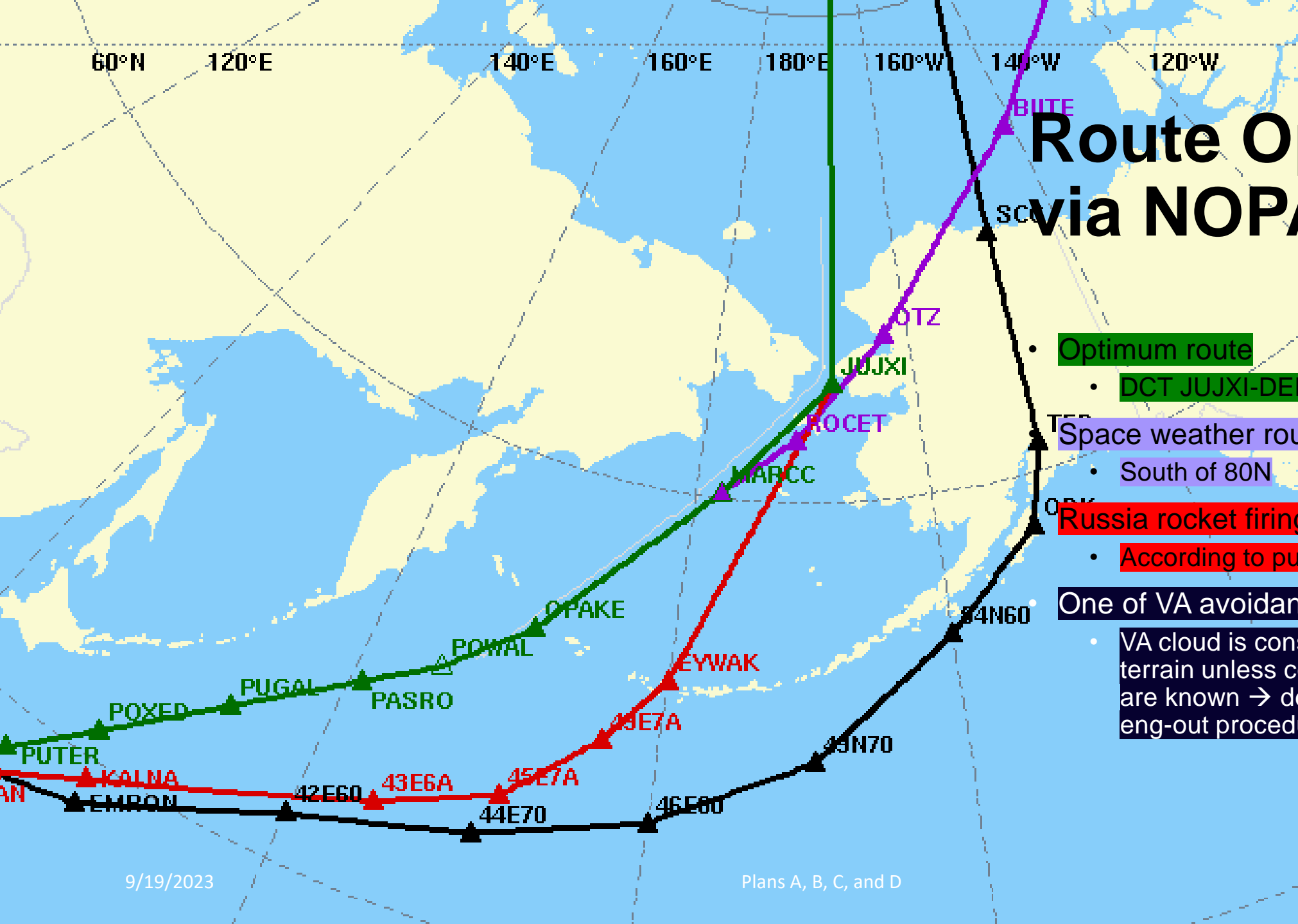
# Main Operational Challenges for the NOPAC Flights

- Challenges
  1. Space Weather (North of 80N)
  2. Volcanic Ash
    1. Lack of concentration data!
    2. Roles between Tokyo and Anchorage VAACs a bit unclear to us.
      1. A different view of the same situation + PAZA Sigmets
  3. The Russian federal rocket firings





# Route Options via NOPAC



- Optimum route
  - DCT JUJXI-DEKMO
- Space weather route
  - South of 80N
- Russia rocket firings route
  - According to published NOTAMs
- One of VA avoidance routes
  - VA cloud is considered as high terrain unless concentration levels are known → de-compression and eng-out procedures checked

# Feedback

- Connecting routes between NOPAC and HND/NRT are quite long. Chance to optimize fuel efficiency and reduce emissions.
- During a sudden volcanic eruption, any recommendations or feedback about our route is welcomed to: [dispatch@finnair.com](mailto:dispatch@finnair.com)



# Thank You.

Have a wonderful day.



***FINNAIR***

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