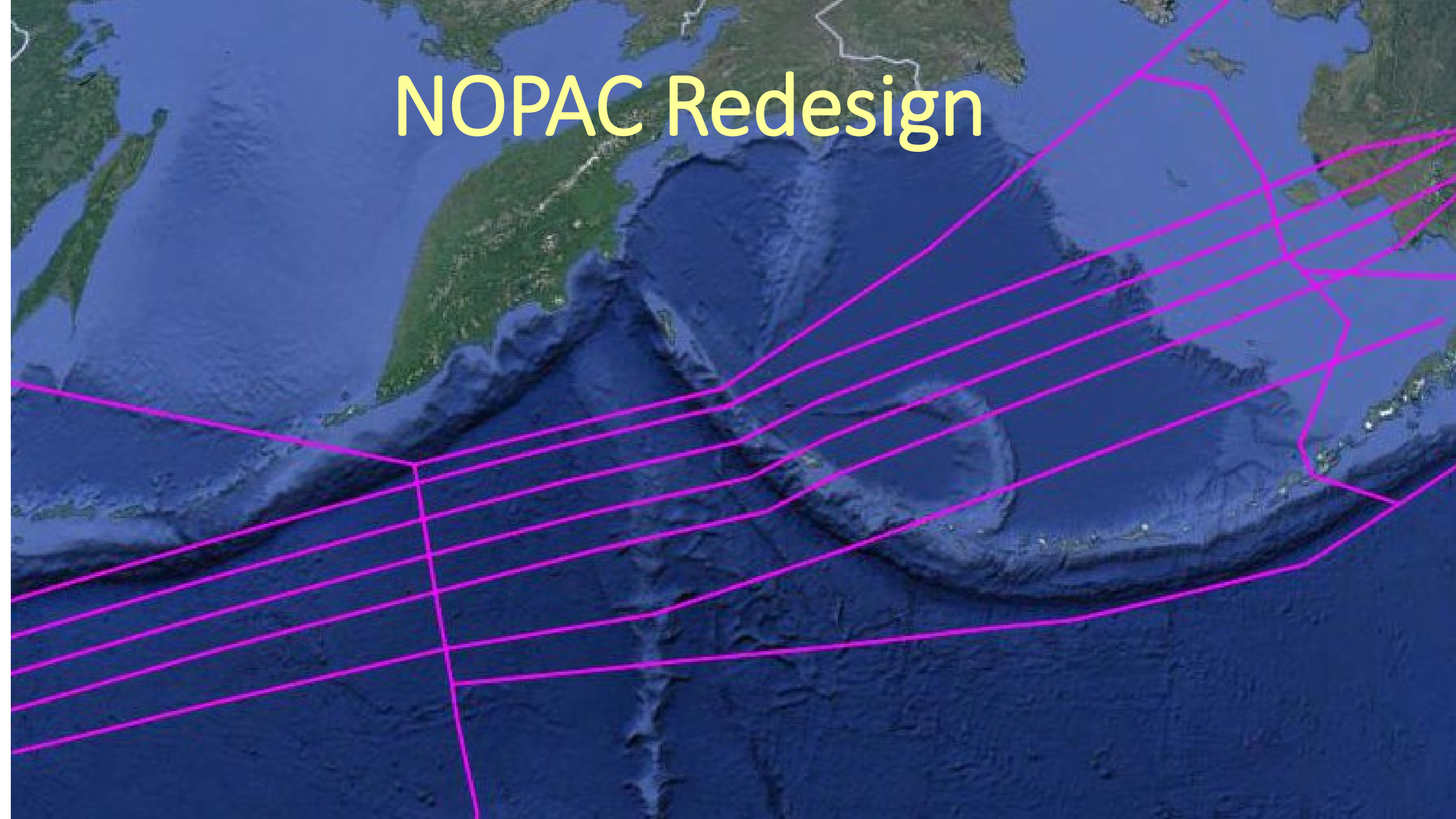


NOPAC Redesign



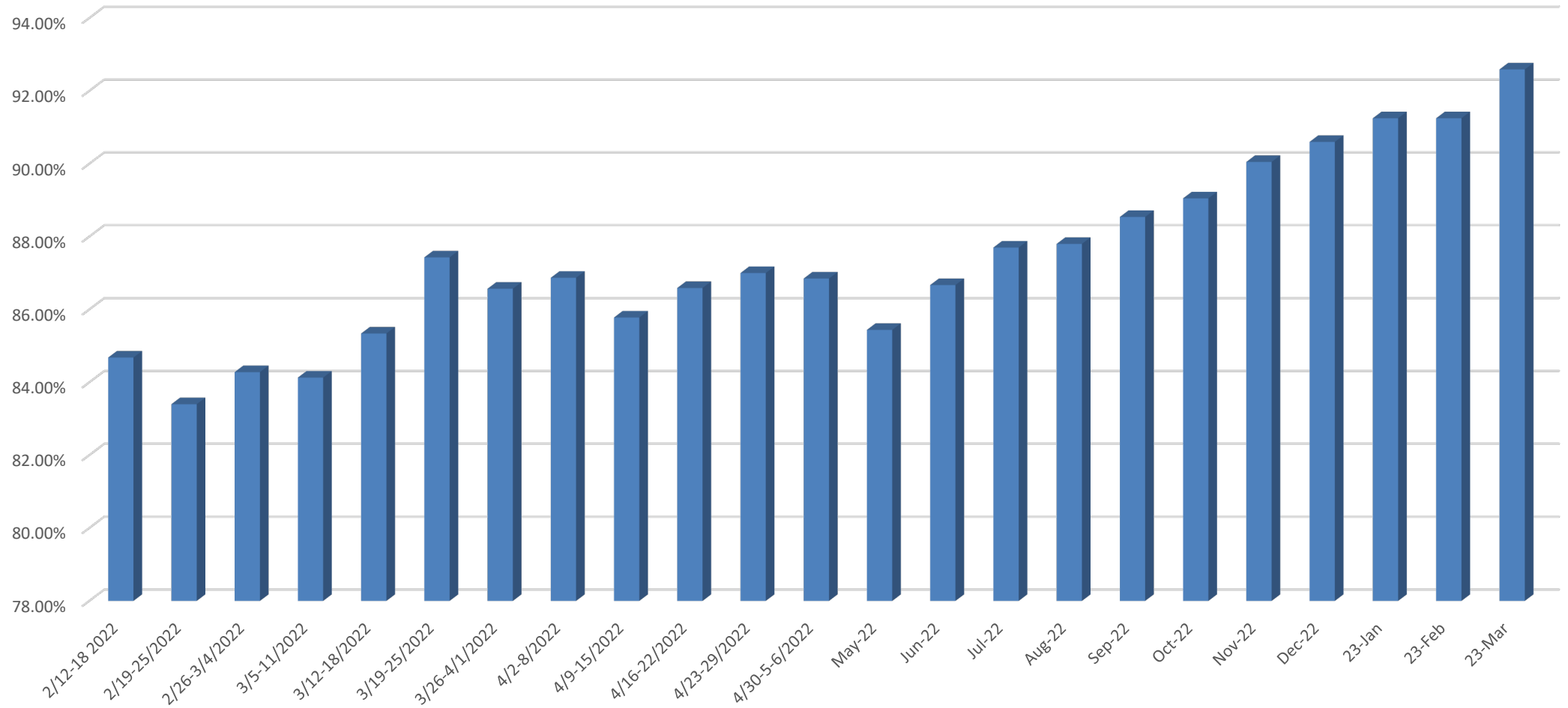
NOPAC Redesign Phase 1a

- R220 from FL340 through FL400 requires:
- RNP4
- RCP240
- RSP180

- Phase 1a requirements were not enforced by ATC.
- R220 requirements were for educational purposes
- NOPAC data collection and operator outreach

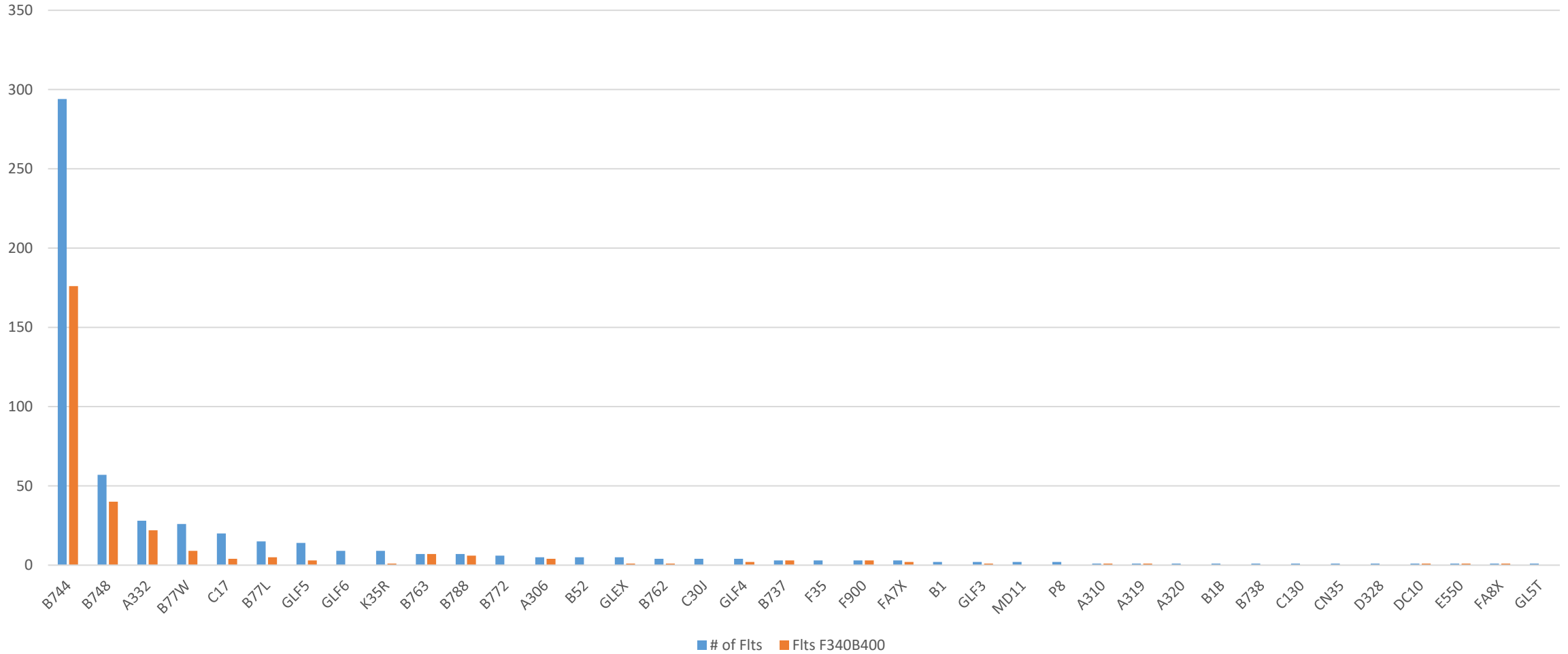
NOPAC PBCS/RNP4 Approved Flights %

Overall PBCS/RNP4 Approved %



March 2023 NOPAC Flights

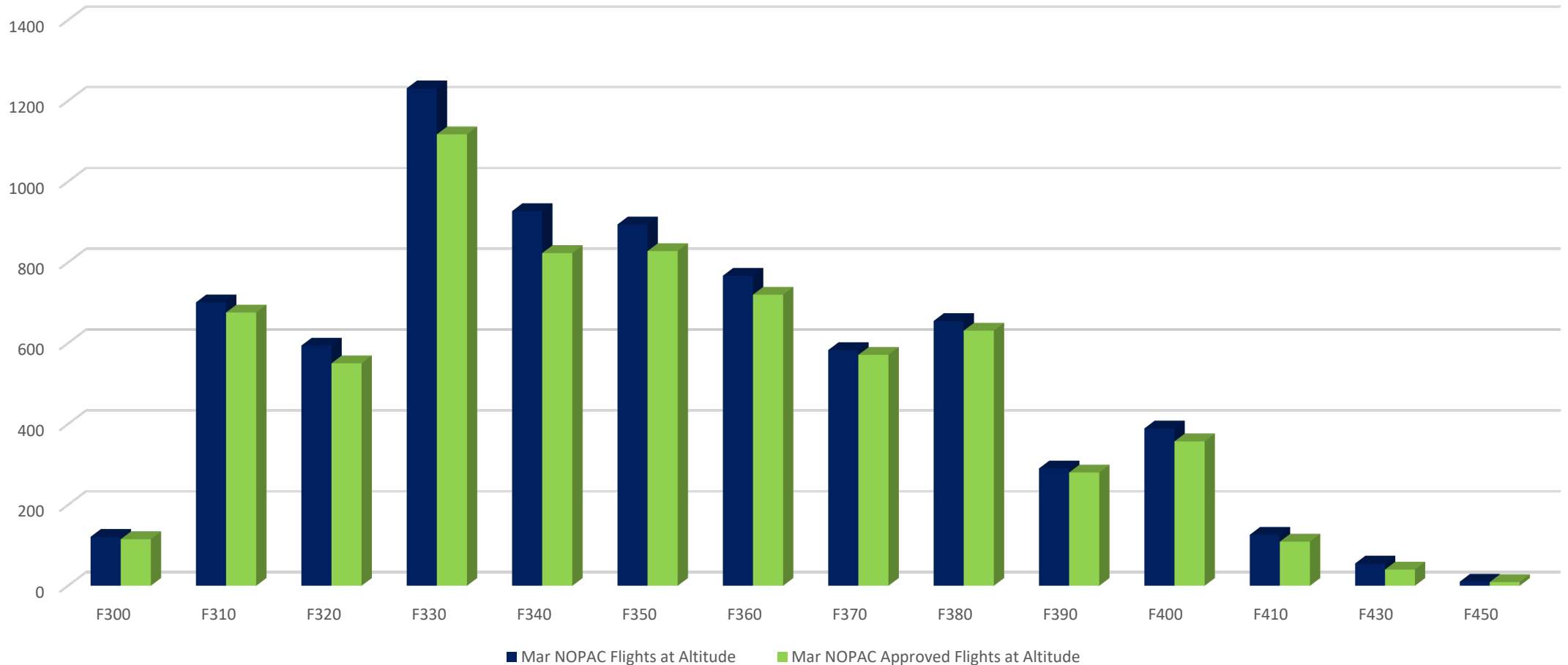
PBCS/RNP4 Non-Approved Type



of Flts Flts F340B400

March 2023 NOPAC Altitude Use

Mar 2023 NOPAC Flights at Altitude

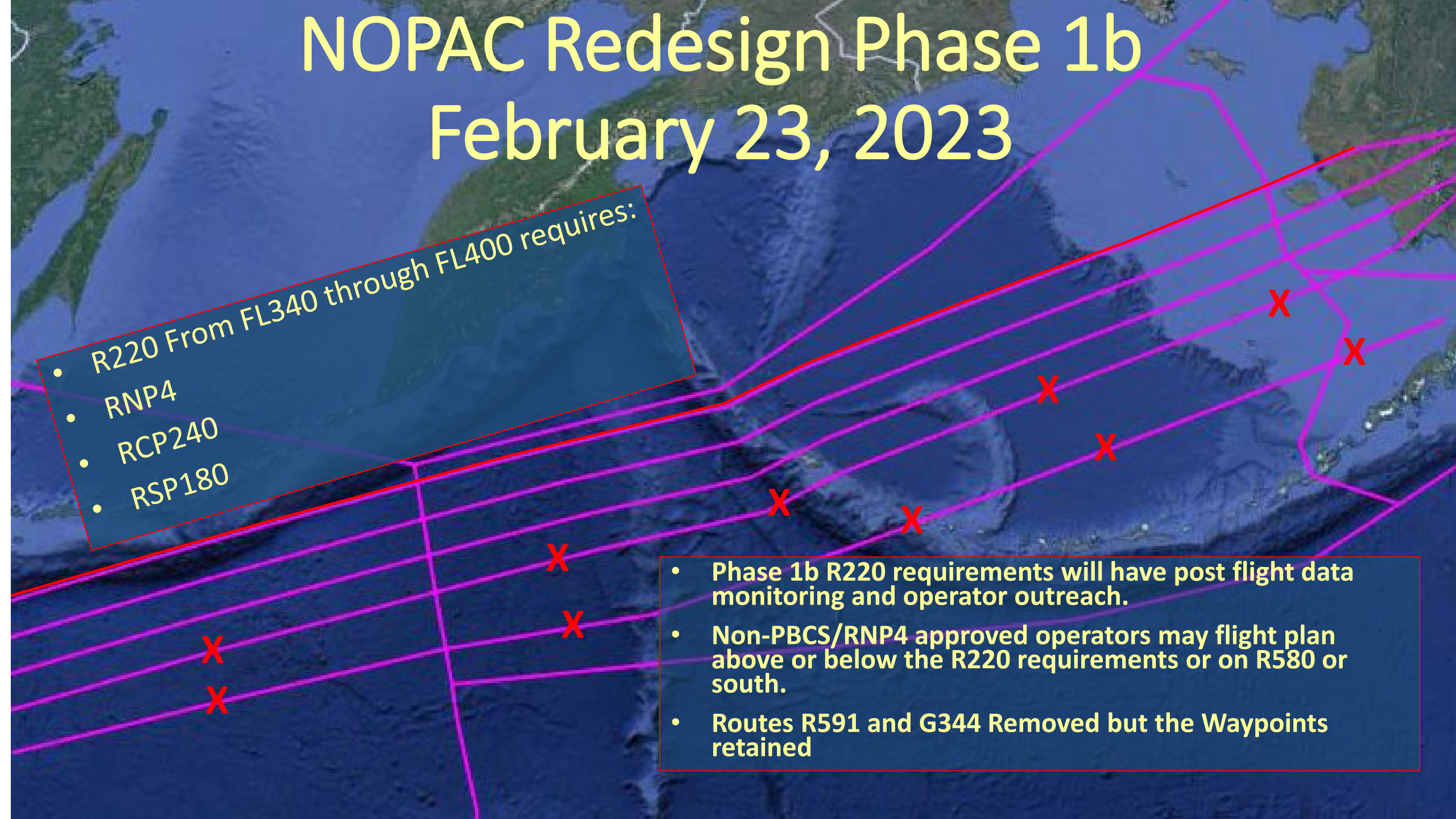


NOPAC Redesign Phase 1b

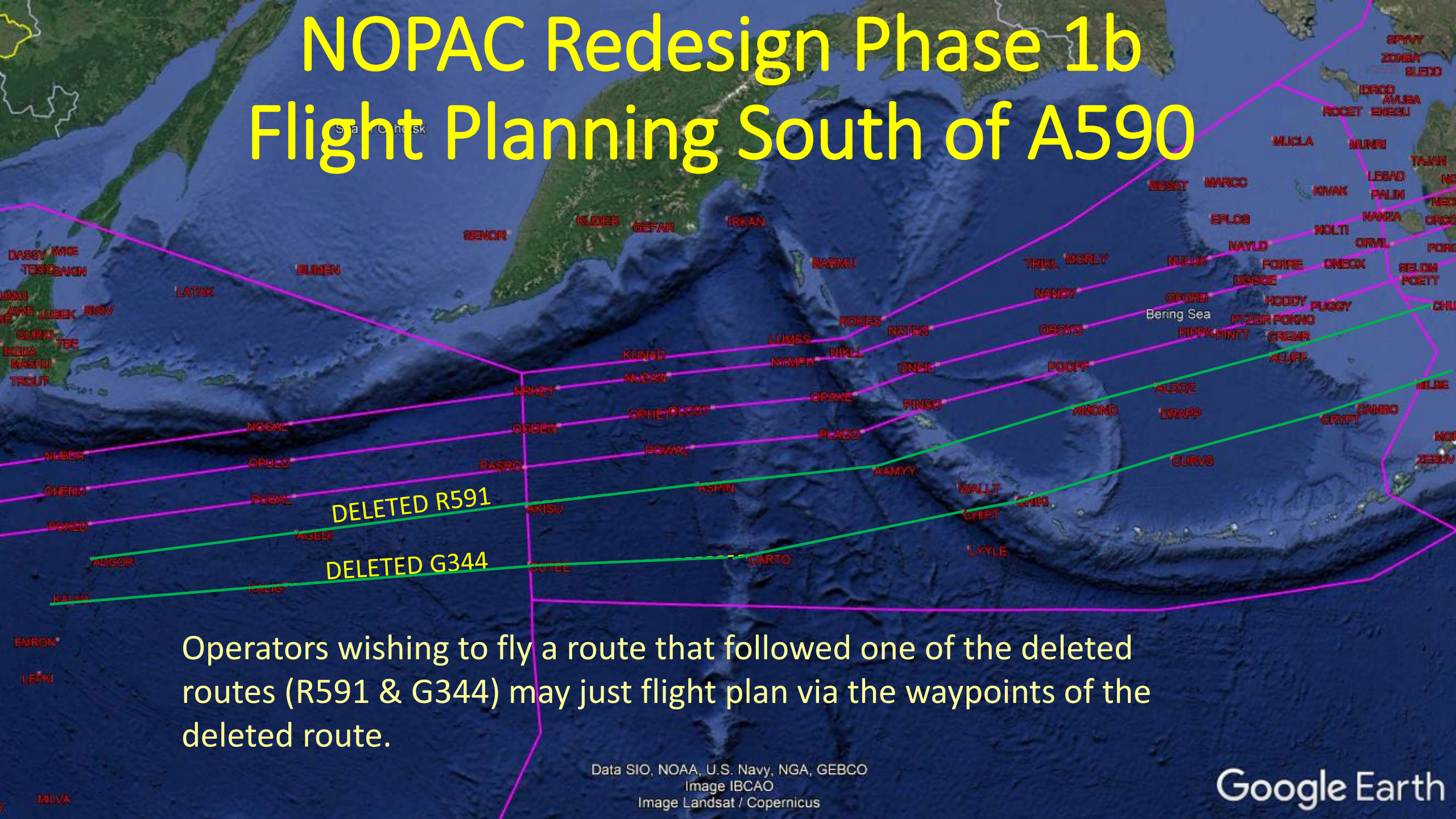
February 23, 2023

- R220 From FL340 through FL400 requires:
- RNP4
- RCP240
- RSP180

- Phase 1b R220 requirements will have post flight data monitoring and operator outreach.
- Non-PBCS/RNP4 approved operators may flight plan above or below the R220 requirements or on R580 or south.
- Routes R591 and G344 Removed but the Waypoints retained

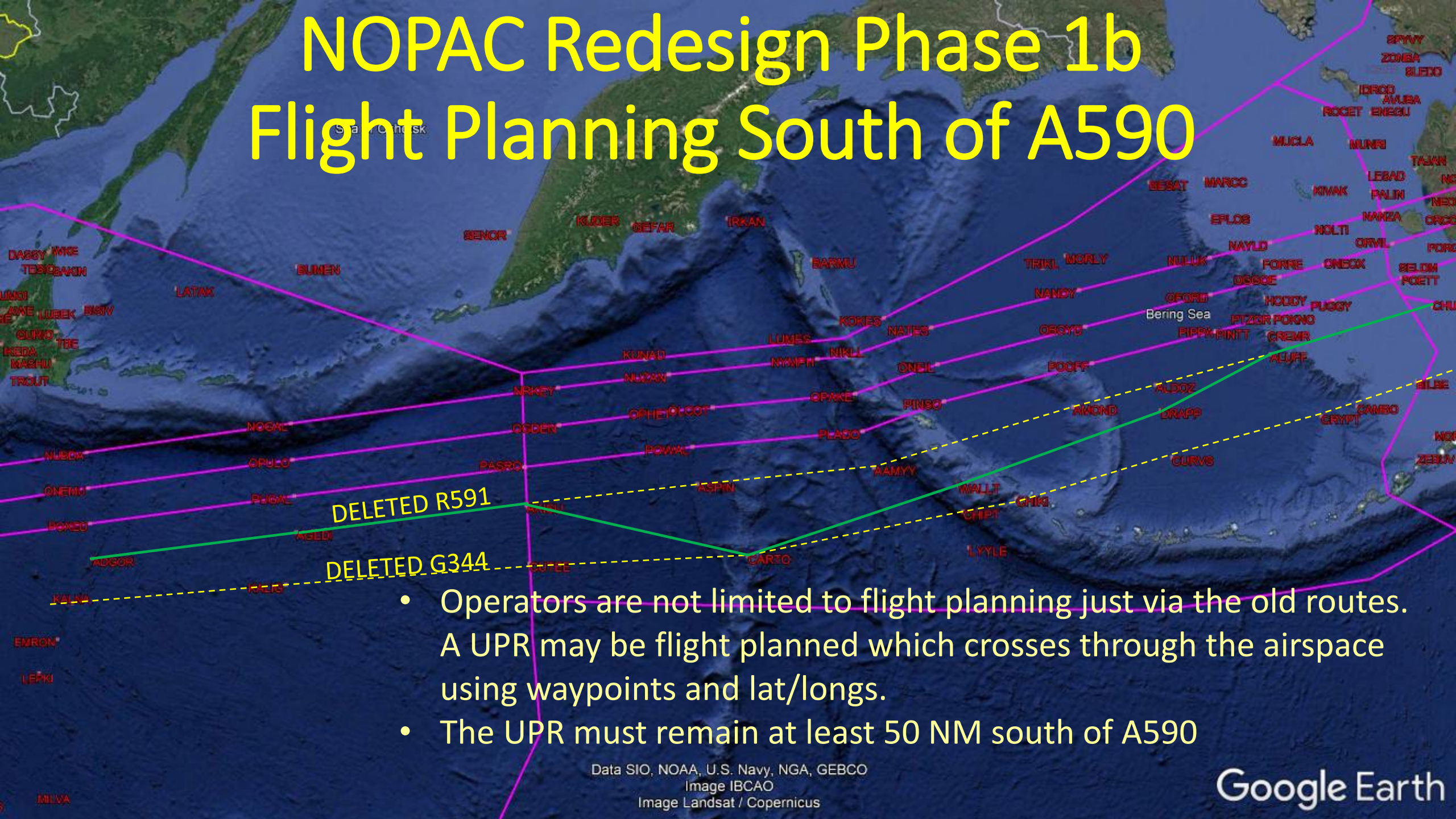


NOPAC Redesign Phase 1b Flight Planning South of A590



Operators wishing to fly a route that followed one of the deleted routes (R591 & G344) may just flight plan via the waypoints of the deleted route.

NOPAC Redesign Phase 1b Flight Planning South of A590



- Operators are not limited to flight planning just via the old routes. A UPR may be flight planned which crosses through the airspace using waypoints and lat/longs.
- The UPR must remain at least 50 NM south of A590

Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image IBCAO
Image Landsat / Copernicus

NOPAC Redesign Phase 2

Earliest December 2023

- R220, M523 and R580 From FL340 through FL400 requires:
- RNP4
- RCP240
- RSP180

- R220, M523 and R580 requirements are enforced by ATC.
- Routes R591 and G344 Remain removed with the Waypoints retained

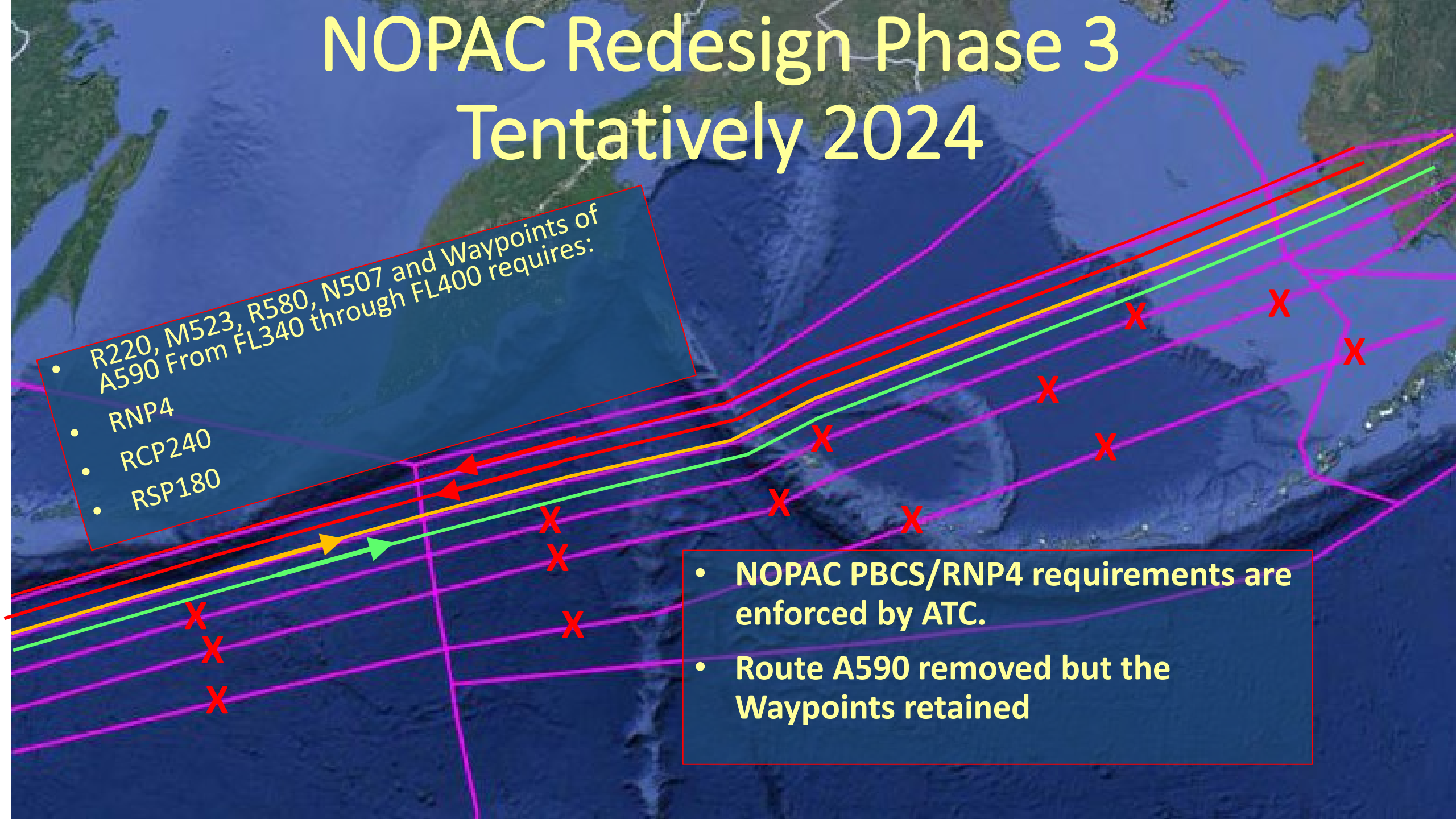
NOPAC Redesign Phase 2 Non-Approved PBCS/RNP4 Operators

- Aircraft without PBCS/RNP4 approval may flight plan via A590 or south; or
- Aircraft without PBCS/RNP4 approval may flight plan at FL330 and below or FL410 and above on R220 westbound or R580 eastbound.

NOPAC Redesign Phase 3 Tentatively 2024

- R220, M523, R580, N507 and Waypoints of A590 From FL340 through FL400 requires:
- RNP4
- RCP240
- RSP180

- NOPAC PBCS/RNP4 requirements are enforced by ATC.
- Route A590 removed but the Waypoints retained



NOPAC Redesign Phase 3

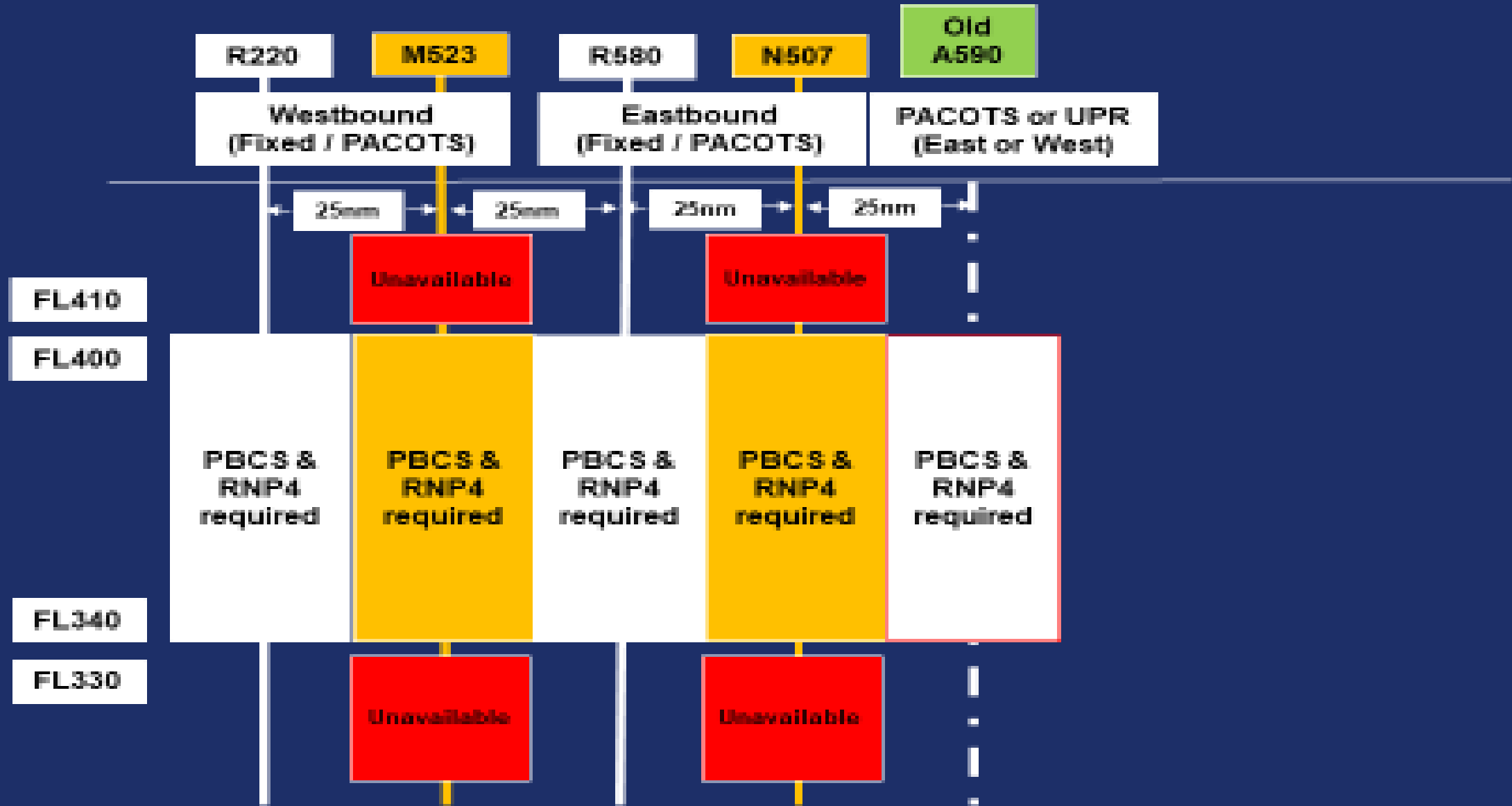
Tentatively late 2023 or 2024



- Aircraft without PBCS/RNP4 approval may flight plan via 50 NM south of A590, or
- Aircraft without PBCS/RNP4 approval may flight plan at FL330 and below or FL410 and above on R220 westbound or R580 eastbound or via the waypoints of A590.

NOPAC Redesign Phase 3

(Cross-sectional chart)



NOPAC Redesign Phase 3

- Ultimately, Four Routes will be compressed into less airspace than 3 routes currently occupy.
- More airspace is opened up for flexible routes and UPRs

