

**Seventeenth Meeting of
the Cross Polar Trans East
Air Traffic Management
Provider's Work Group
(CPWG/17)**



**Fukuoka ATMC, JCAB
Samara, Russia , 3 - 6 June
2014**



**Proposing route between
RFE and NOPAC**

1.Introduction

At VOLKAM14 exercise, PK ACC and FUKUOKA ATMC concluded an assumed LOA in advance.

It prescribes air routes that cross the boundary between Russia and Japan, and the procedures for notifying transfer information.

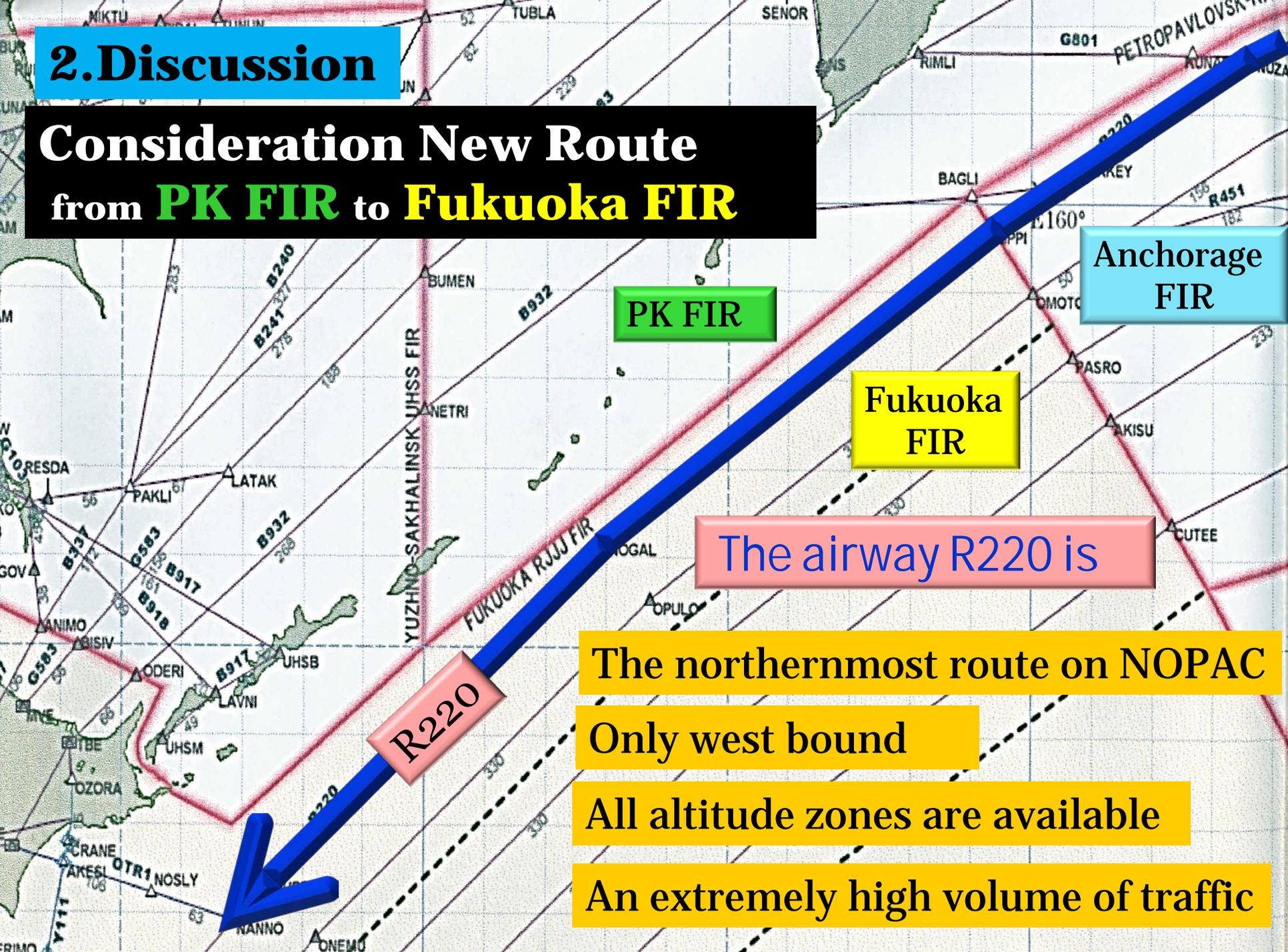
We coordinated the detour route which crossed FIRs on the commercial line at the exercise.

It was the first step towards the development of airspace for both Russia and Japan.

In order to take measures against real eruptions in the Kamchatka Peninsula and the Kurile Islands, it is strongly required that we set actual detour routes.

2. Discussion

Consideration New Route from **PK FIR** to **Fukuoka FIR**



Anchorage
FIR

PK FIR

Fukuoka
FIR

The airway R220 is

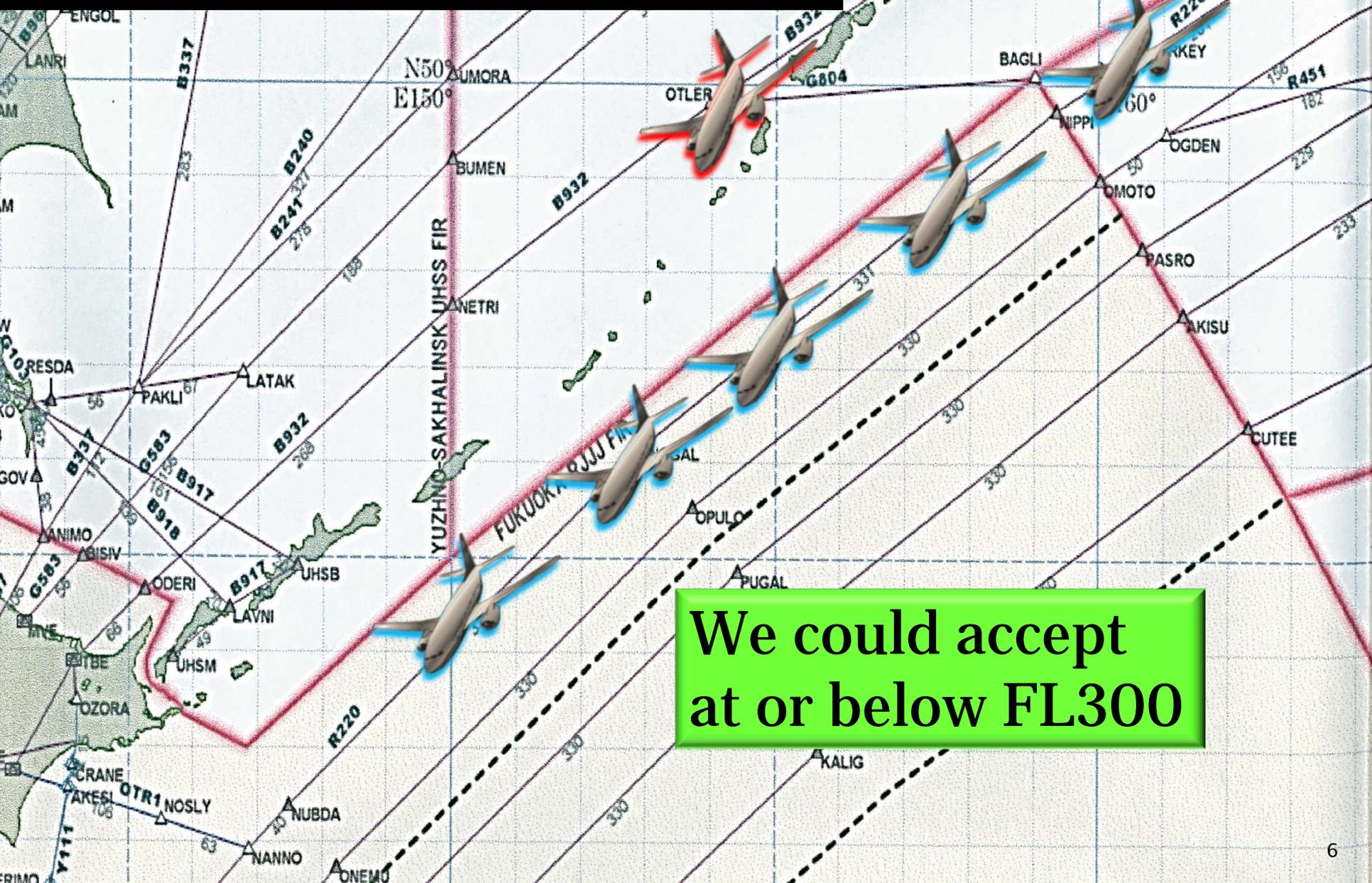
The northernmost route on NOPAC

Only west bound

All altitude zones are available

An extremely high volume of traffic

Consideration New Route from **PK FIR** to **Fukuoka FIR**



Consideration New Route from **PK FIR** to **Fukuoka FIR**

Ⓐ merges into R220
At or below FL300

← FIR
boundary →

Fukuoka
FIR

PK
FIR

At or below
FL300

Consideration New Route from **PK FIR** to **Fukuoka FIR**

Ⓑ merges into R220
At or above FL300

The airway R580 is

South of R220

Only west bound

Less traffic volume
than R220

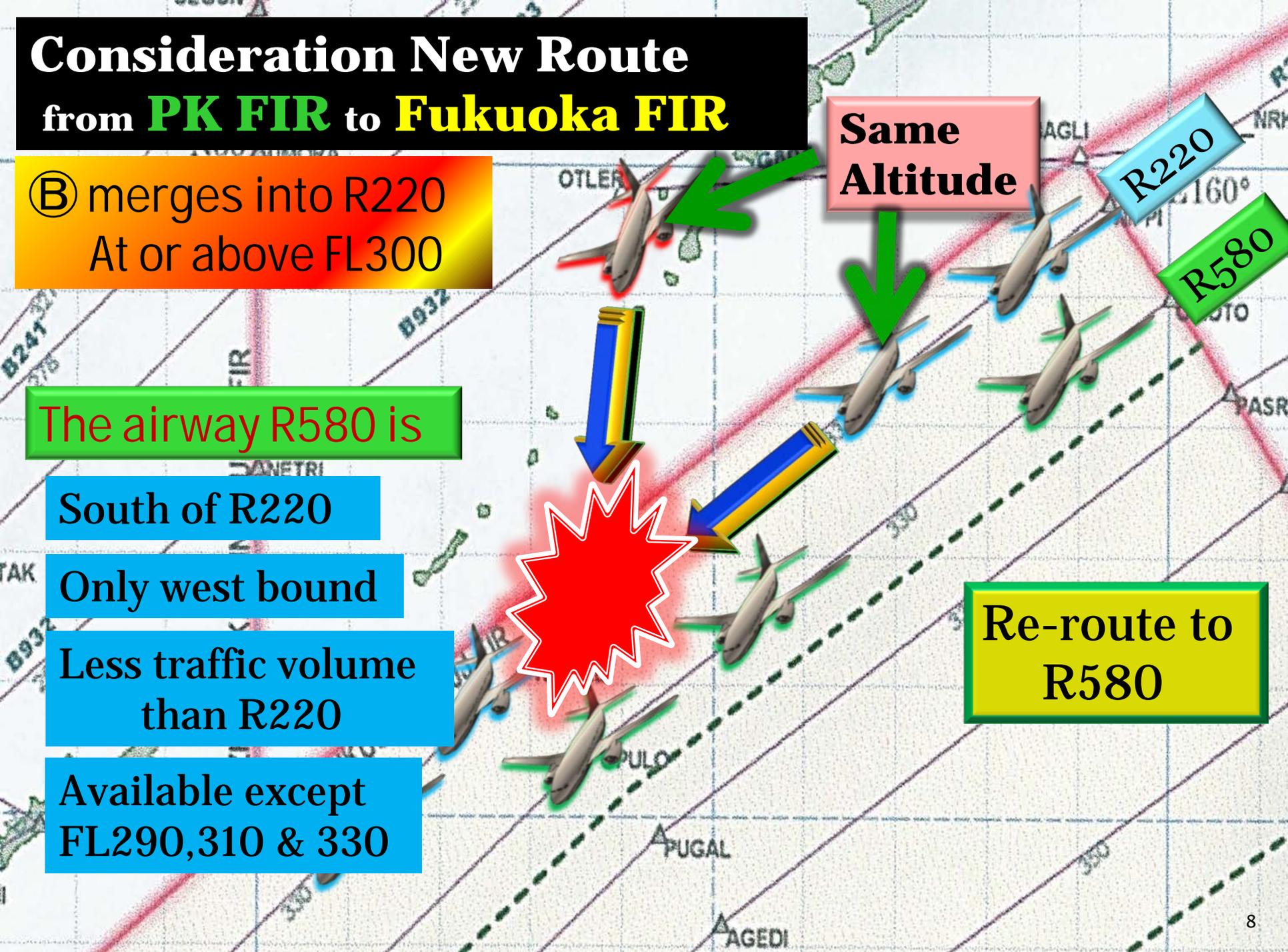
Available except
FL290,310 & 330

Same
Altitude

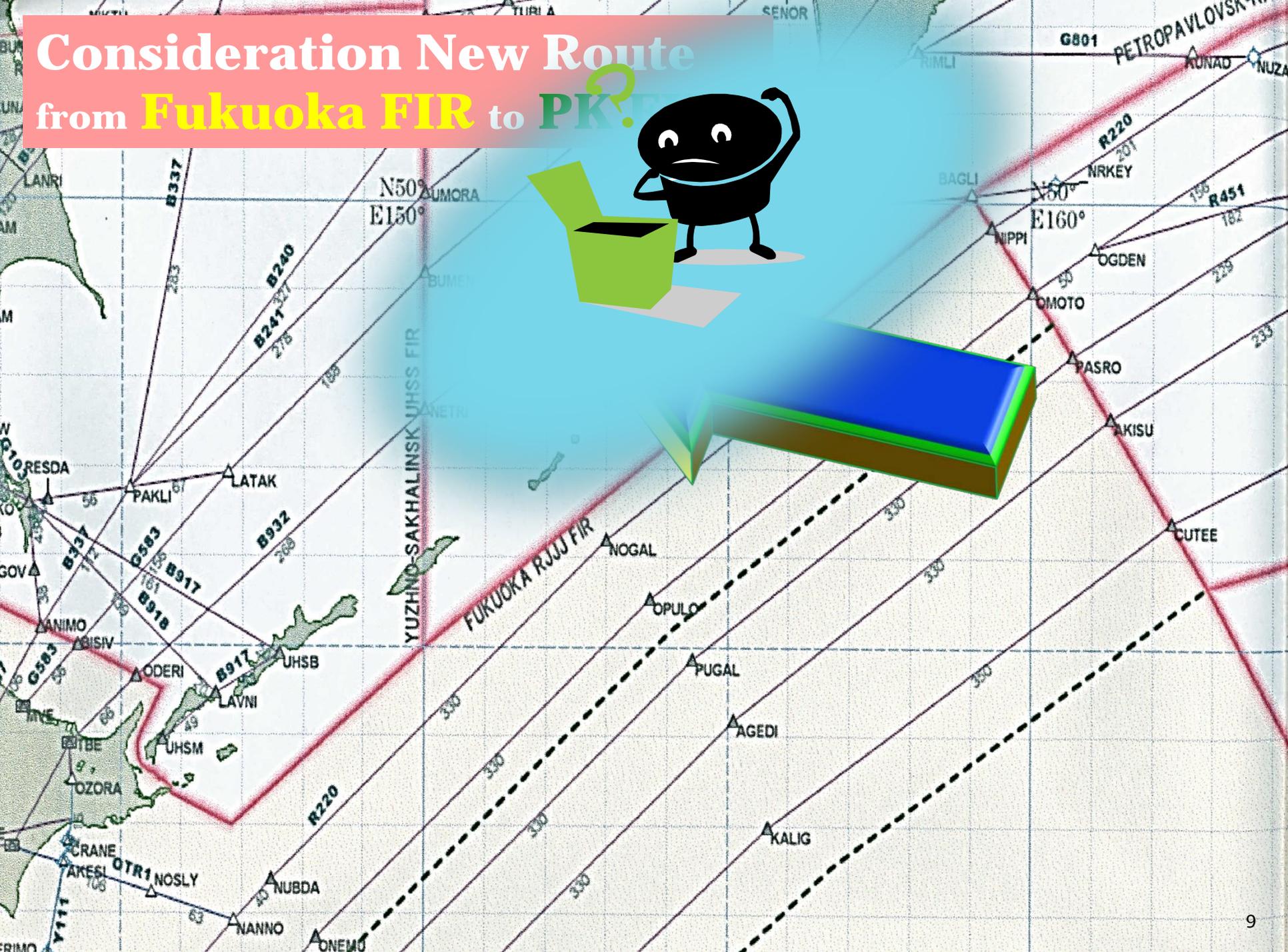
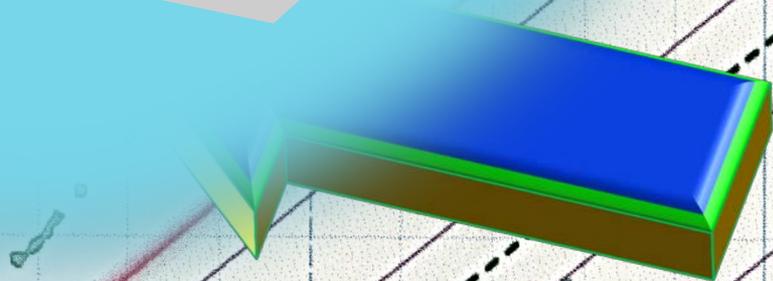
R220

R580

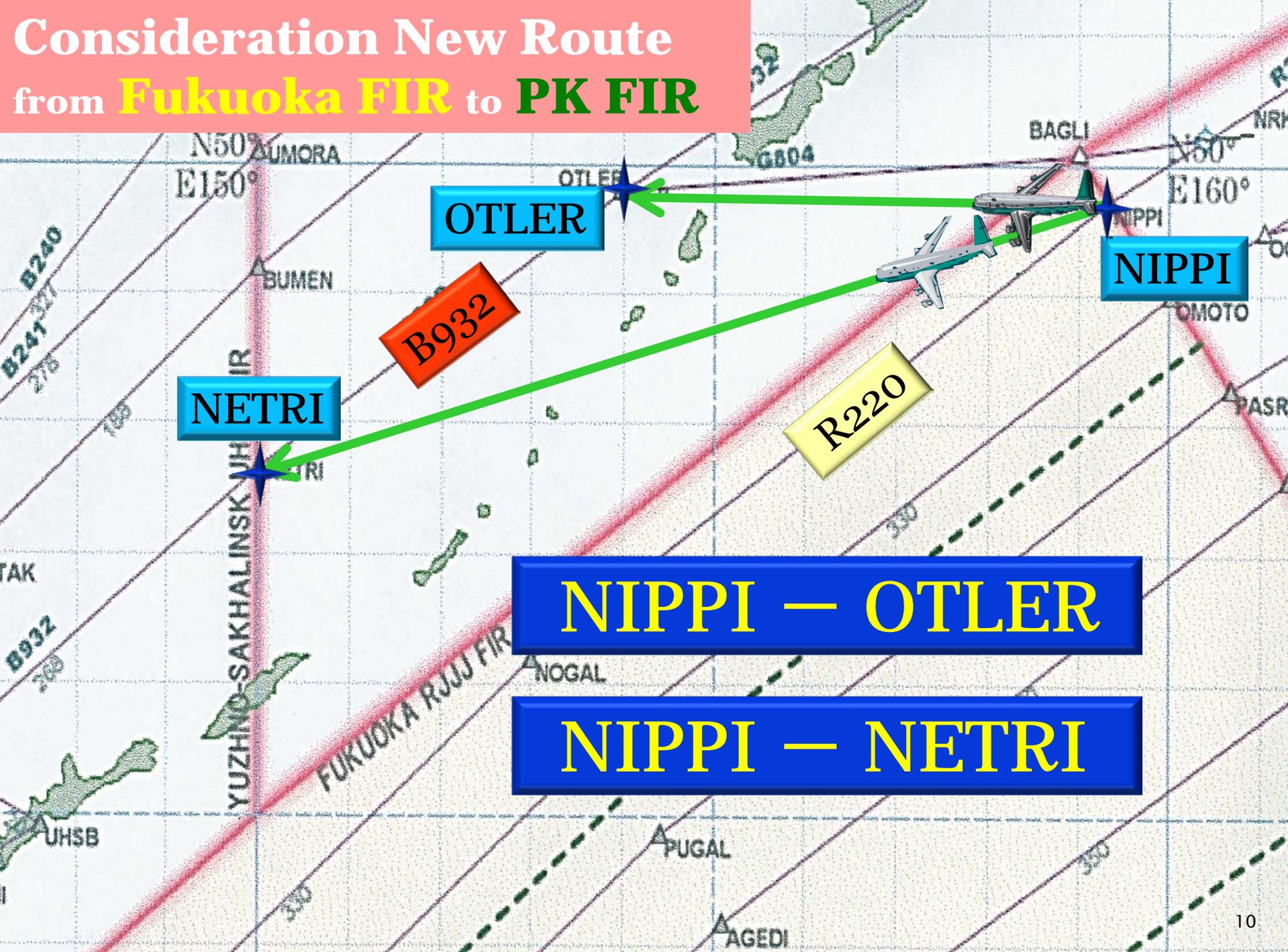
Re-route to
R580



Consideration New Route from Fukuoka FIR to PK?



Consideration New Route from **Fukuoka FIR** to **PK FIR**



NETRI

OTLER

B932

NIPPI

R220

NIPPI — OTLER

NIPPI — NETRI

RVSM airspace?

G583

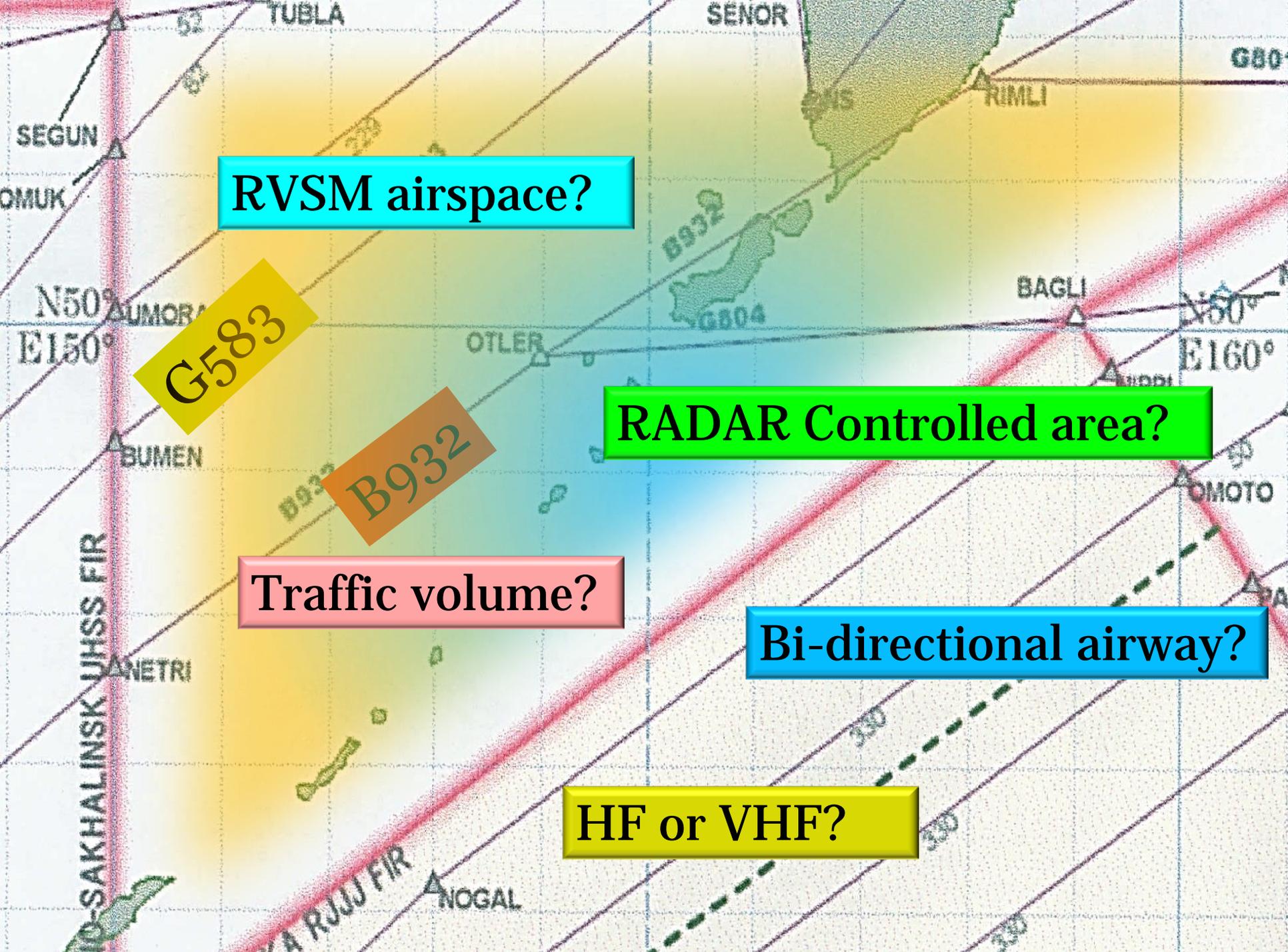
RADAR Controlled area?

B932

Traffic volume?

Bi-directional airway?

HF or VHF?





Спасибо за внимание.

спасибо за внимание