



PBN ON FIJI TIME

FIJI



**Welcome to PBN
&
Surveillance Fiji**






FIJI AIRPORTS

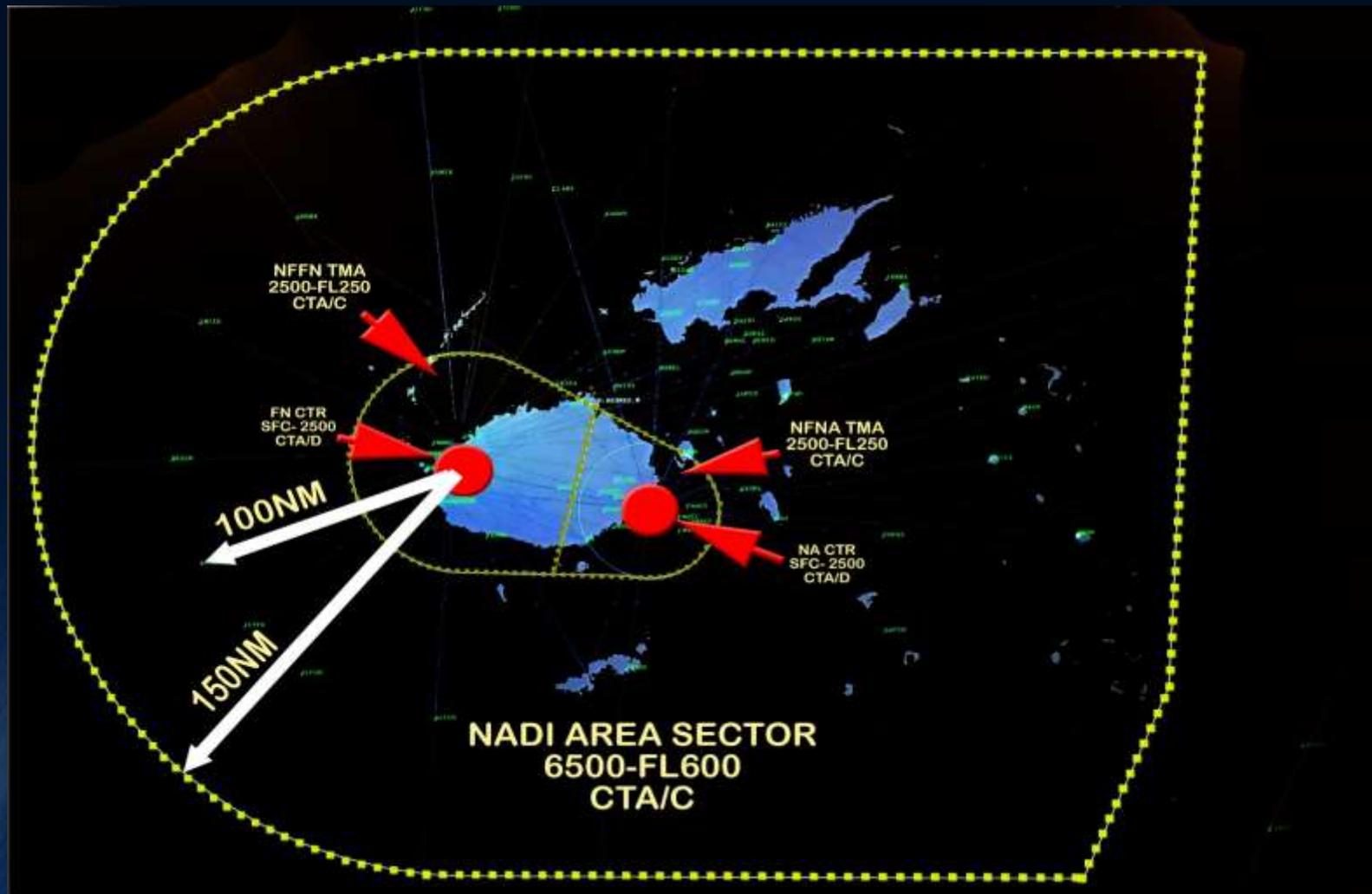

THE FIJIANS PLAN

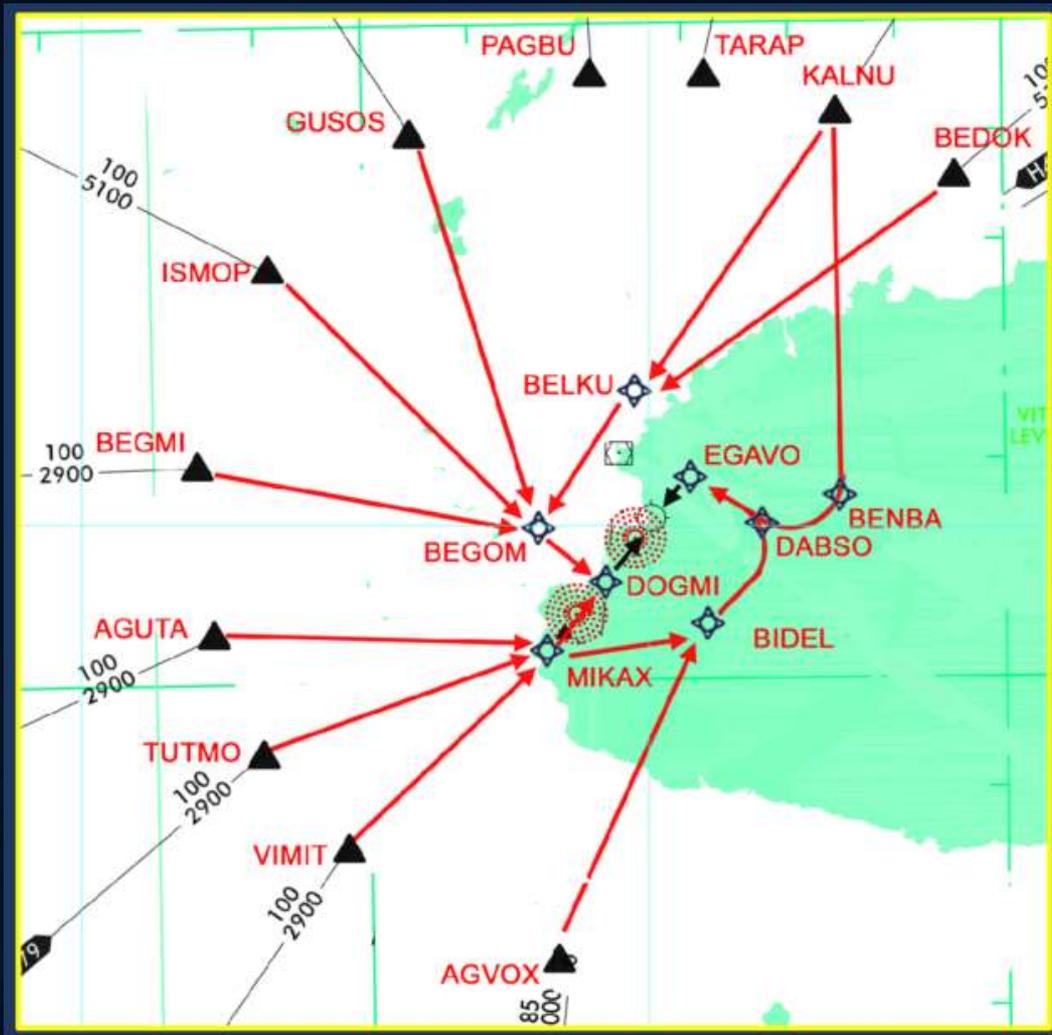
The Fiji**ANS**

- The FijiANS Planning Group is led by the CNS/ATM Specialist.
- The Group comprises of SMEs from ATM, ANES, Electrical, AIS, Finance, CAAF as well as the GM-OPS.
- The purpose of the The FijiANS Planning Group is to coordinate all the individual programmes that make up the project so that timelines can be drawn up and everyone is singing off the same song sheet.

Airspace Changes

- The NFFN Domestic FIR will change.
- The design is a simple one which will be easy for the pilots and ATC to follow.





TOWERS

- NFFN & NFNA Tower will be solely Aerodrome Control.
- NFFN TWR will most likely have a separate ground control function that can be opened and closed on demand.

PC's to be mounted under the console
on sliding racks, away from inadvertant
kicking distance.
The PC's need to protected from unauthorised re-sets,
switch on and off and insertion of USB devices.

Cordless Keyboard & Mouse

Harris VCS

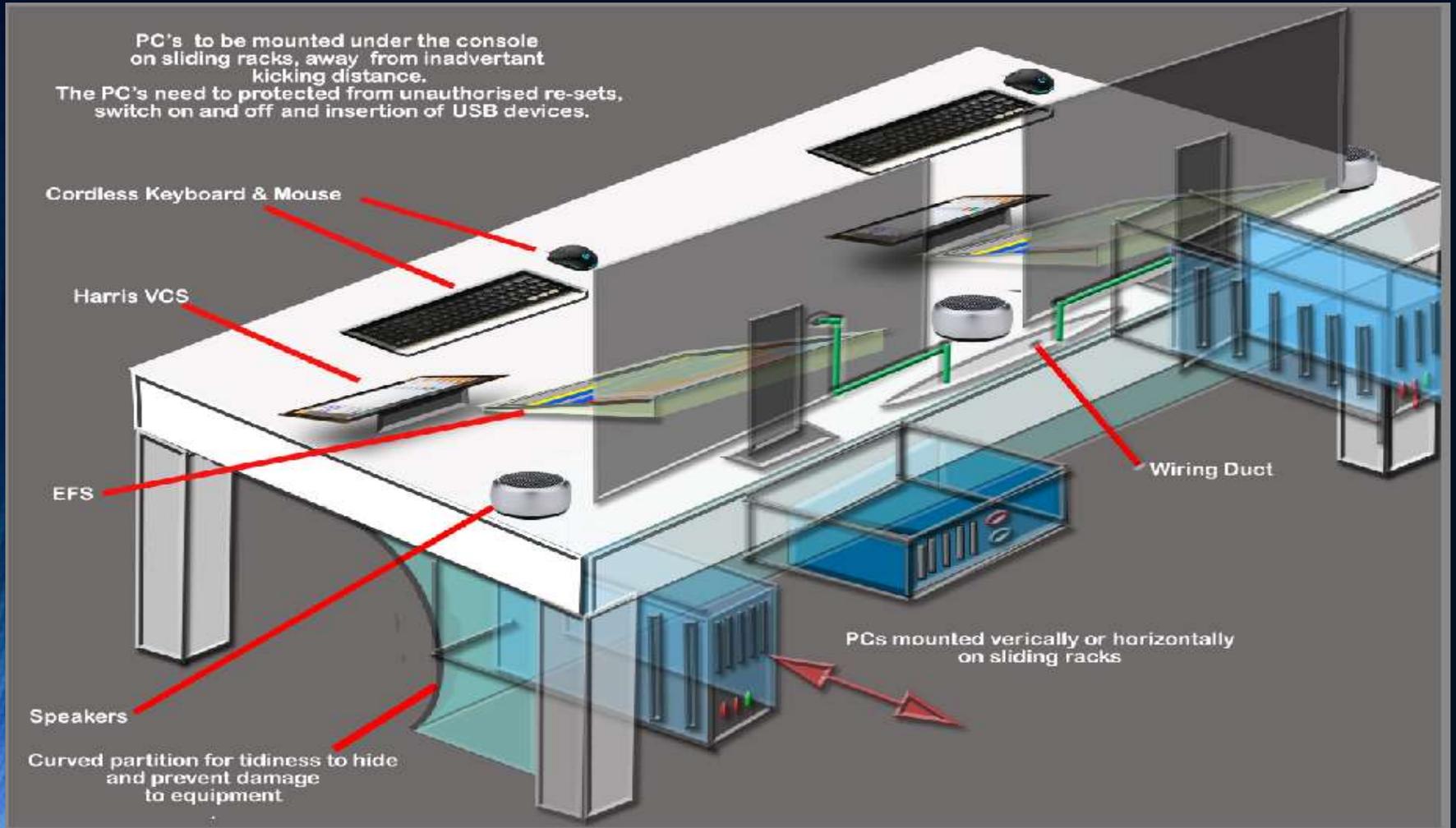
EFS

Speakers

Curved partition for tidiness to hide
and prevent damage
to equipment

Wiring Duct

PCs mounted verically or horizontally
on sliding racks



Proposed Airspace/VHF Configuration



CTAIC

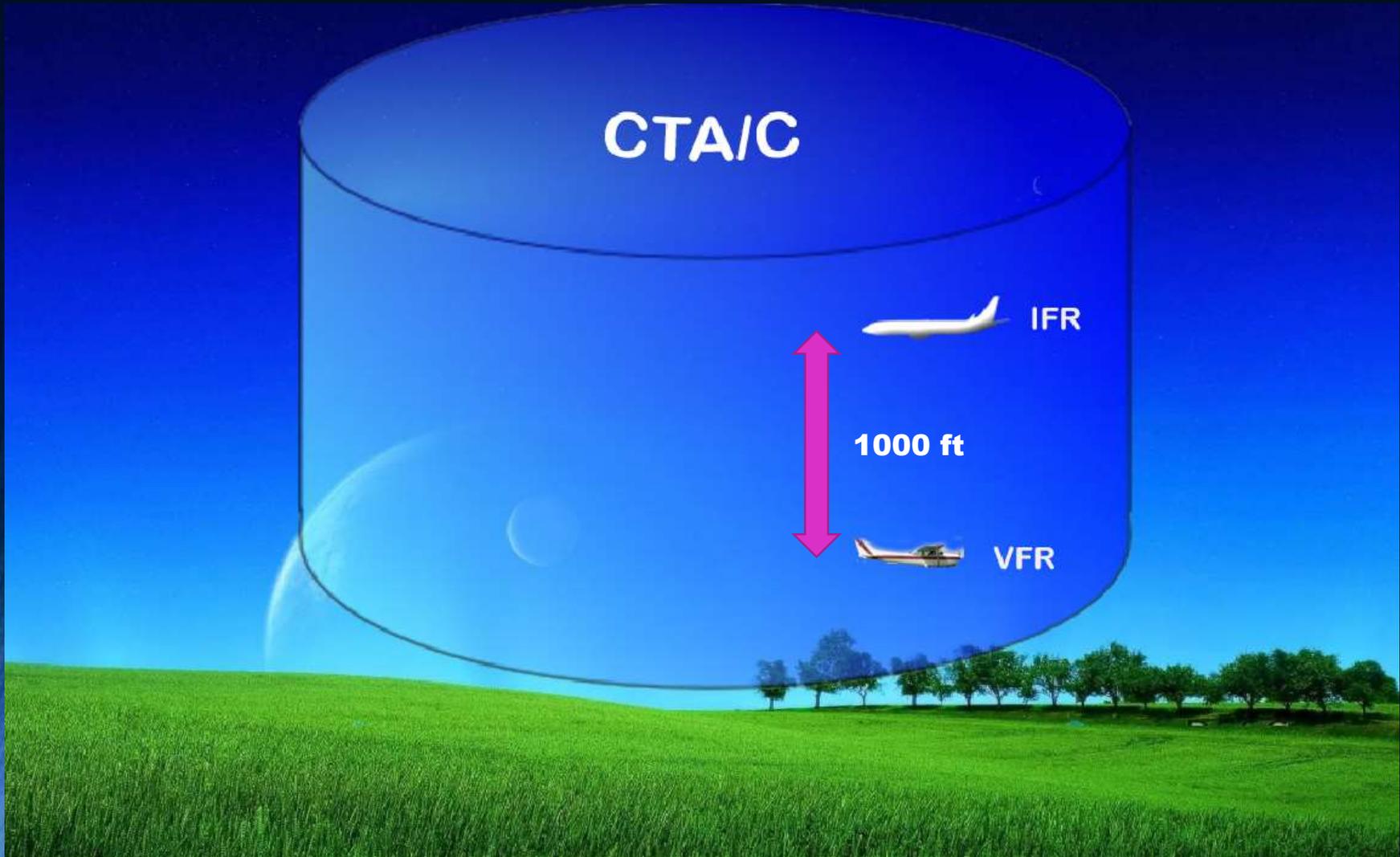


IFR

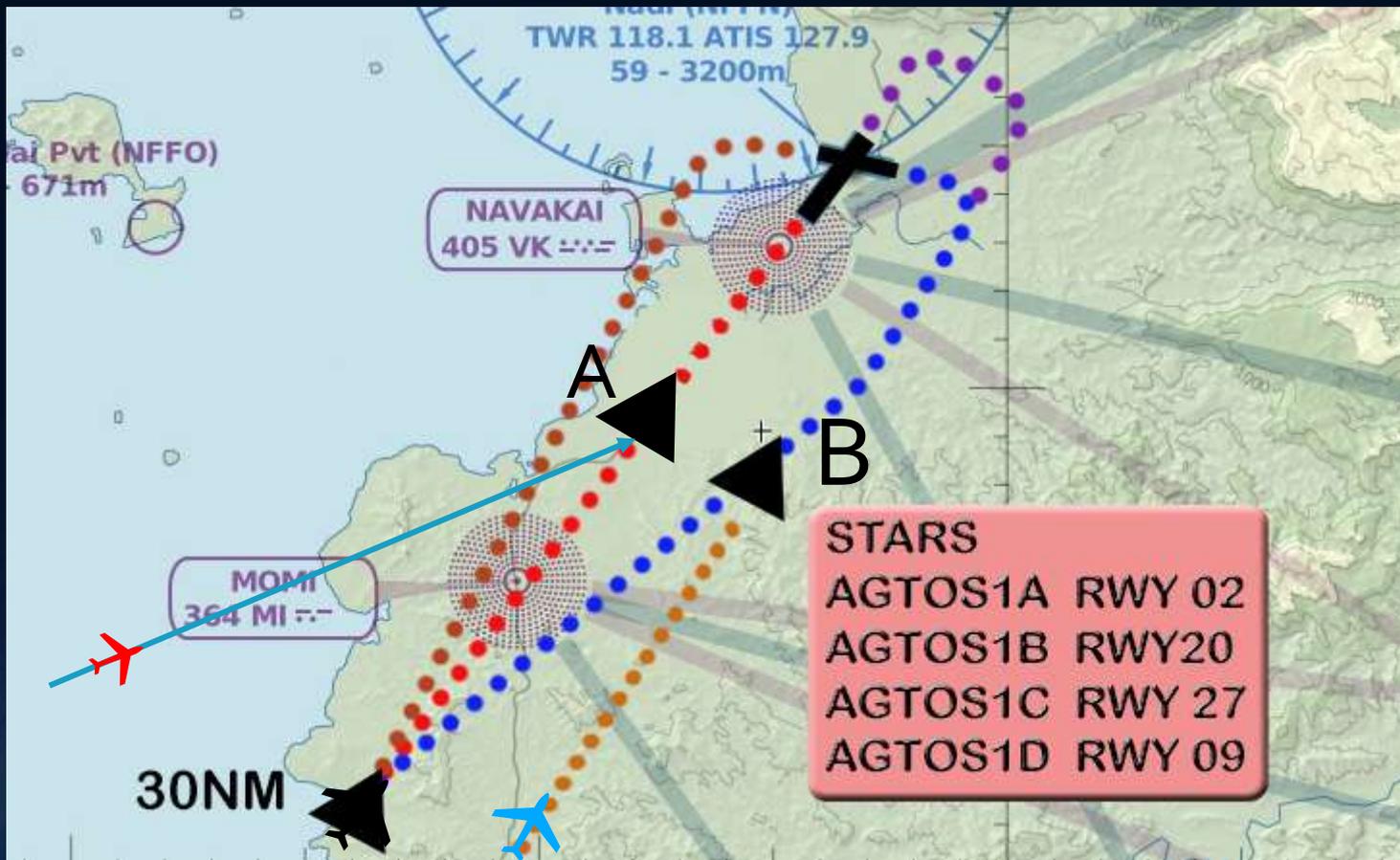
1000 ft



VFR

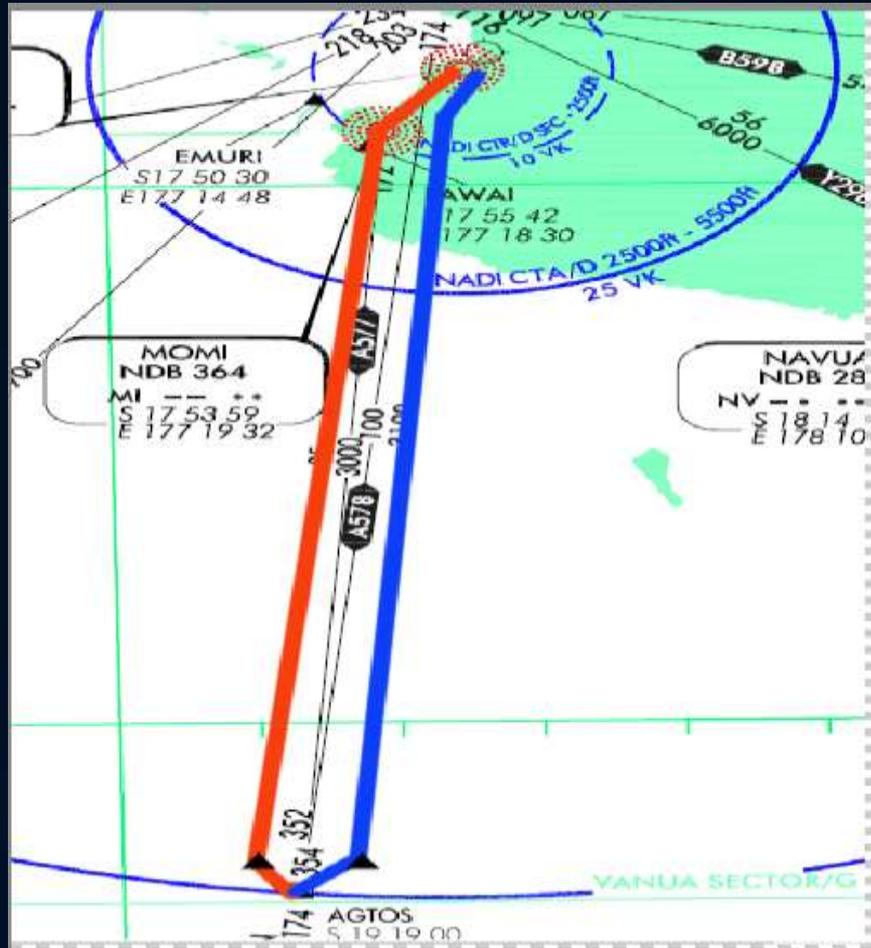


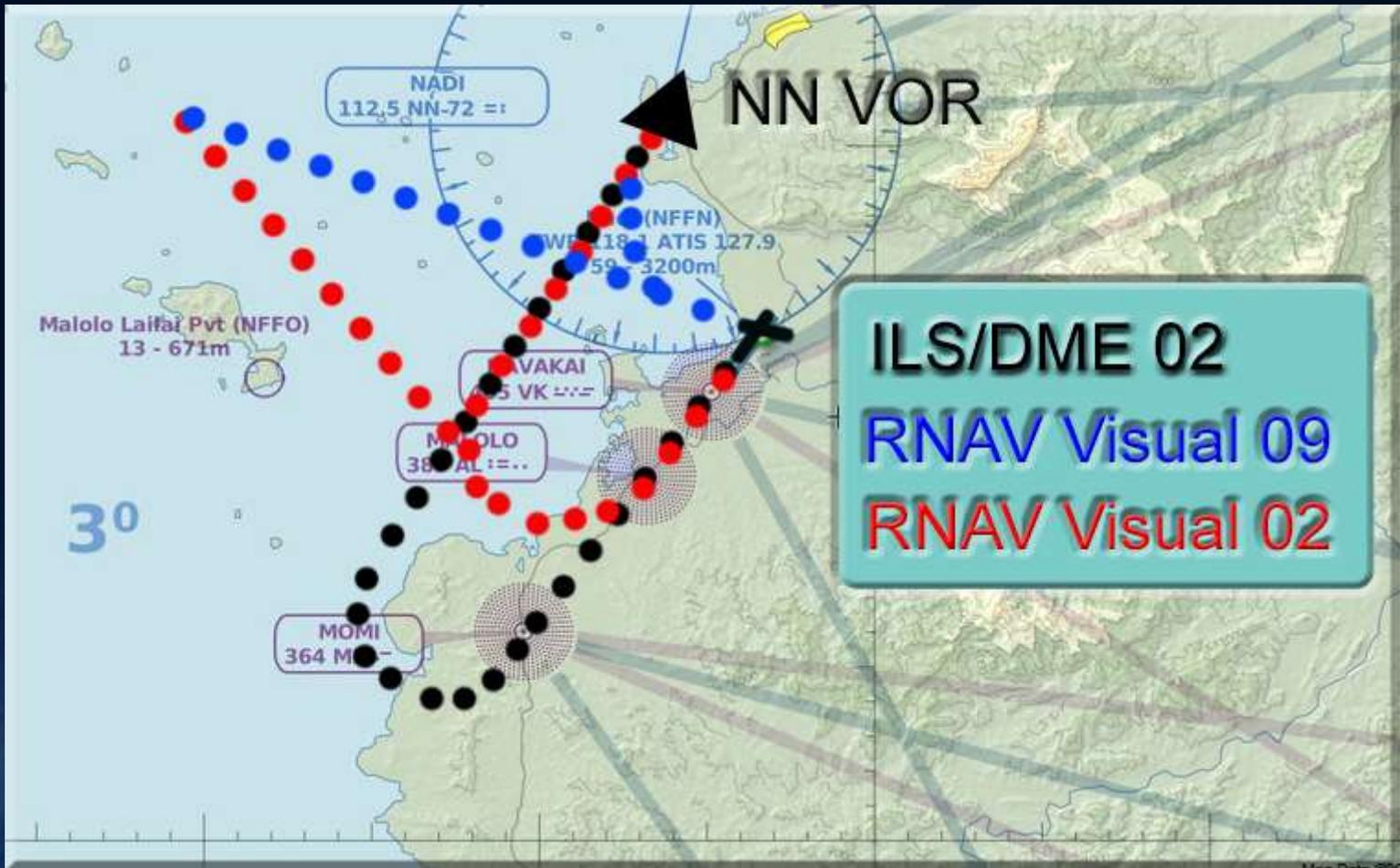
AGTOS STAR



Separated PBN Routes





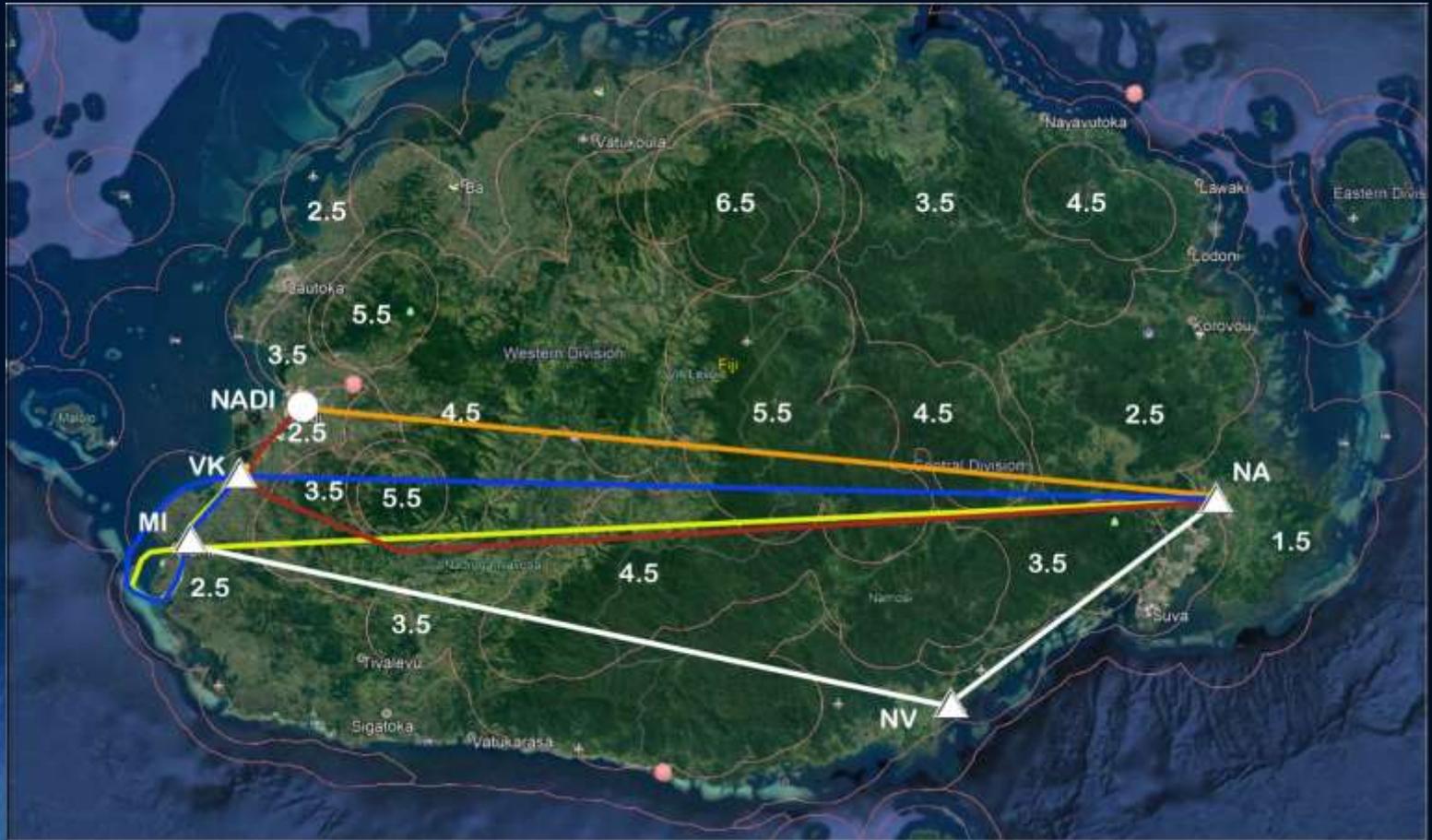


Challenges

- POWER SUPPLY
- REMOTENESS of the COUNTRY
- SKILLS
- MINIMAL EXPERIENCE
- FEAR OF CHANGE – and THE UNKNOWN
- LACK OF RADAR - Separation By DESIGN
- FIRST IN THE WORLD – PROCEDURAL to ADSB

Benefits – Surveillance, PBN Routes, Separated SIDS/STARS

- SAFETY
- CIRCULAR FLOW ROUTE STRUCTURE
- CONTINUOUS CLIMB
- CONTINUOUS DESCENT
- PREDICTABLE FLIGHT PATH – Reduced PILOT WORK LOAD
- ENVIRONMENTAL BENEFIT





Questions

Thank You




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THE FIJIANS PLAN