

ADS-B Presentation Fiji



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NADI FIR

- Approximately 6million sq km of oceanic airspace.
- CPDLC/ADS, HF REPORTS
- RVSM, RNP10, RNP4 AIRSPACE, UPR.
- Improved direct digital communications links for voice and data
- AIDC with Australia & New Zealand.





FIJI DOMESTIC AIRSPACE

- ➔ Aircraft movements over mountainous terrain and sea.
- ➔ VHF REPORTS – Flight progress strips
- ➔ No radar due to high cost of investment and maintenance. However need for surveillance tools to assist in separation of aircraft in domestic airspace.



ASIA/PAC REGIONAL PLAN

- ✈ ASIA/PAC Regional Plan
 - ✈ Target implementation in the region by 1 January 2006.
- ✈ APANPIRG Conclusion 14/21
 - ✈ That States, where necessary to do so, be encouraged to implement “ADS-B out” for ground-based surveillance services in Asia/Pac Region on a sub-region basis with a target date of January 2006.



NCAPG – National CNS/ATM Planning Group

- composition include: AFL, CAAFI, SASL, Airline reps, ASPA, Service Providers – FINTEL, TFL, SITA, Government rep,
- National CNS/ATM Plan to be released & circulated as controlled document before the end of this year.



CAPI – CNS/ATM Planning & Implementation

- ➔ Composition: AFL, CAAFI, SASL, FINTEL, TFL, Airlines, Fiji Met Services.
- ➔ ATM Project Team
 - ➔ ADS-B Project Team
 - ➔ CORE TEAM MEMBERS FROM AFL, SASL, CAAFI
 - ➔ OTHER TEAM MEMBERS FROM AIRLINES.

Benefits

- Benefits are many as already discussed. Covering broadly,
- increased safety;
- economic benefits through improvements in aircraft operational efficiency, efficient use of airspace and expeditious flights with improved ATC surveillance.
- improved SAR and more.



ADS-B PLANS

- INDUSTRY INVOLVEMENT & TEAM DISCUSSIONS
- IMPLEMENTATION IN 2006

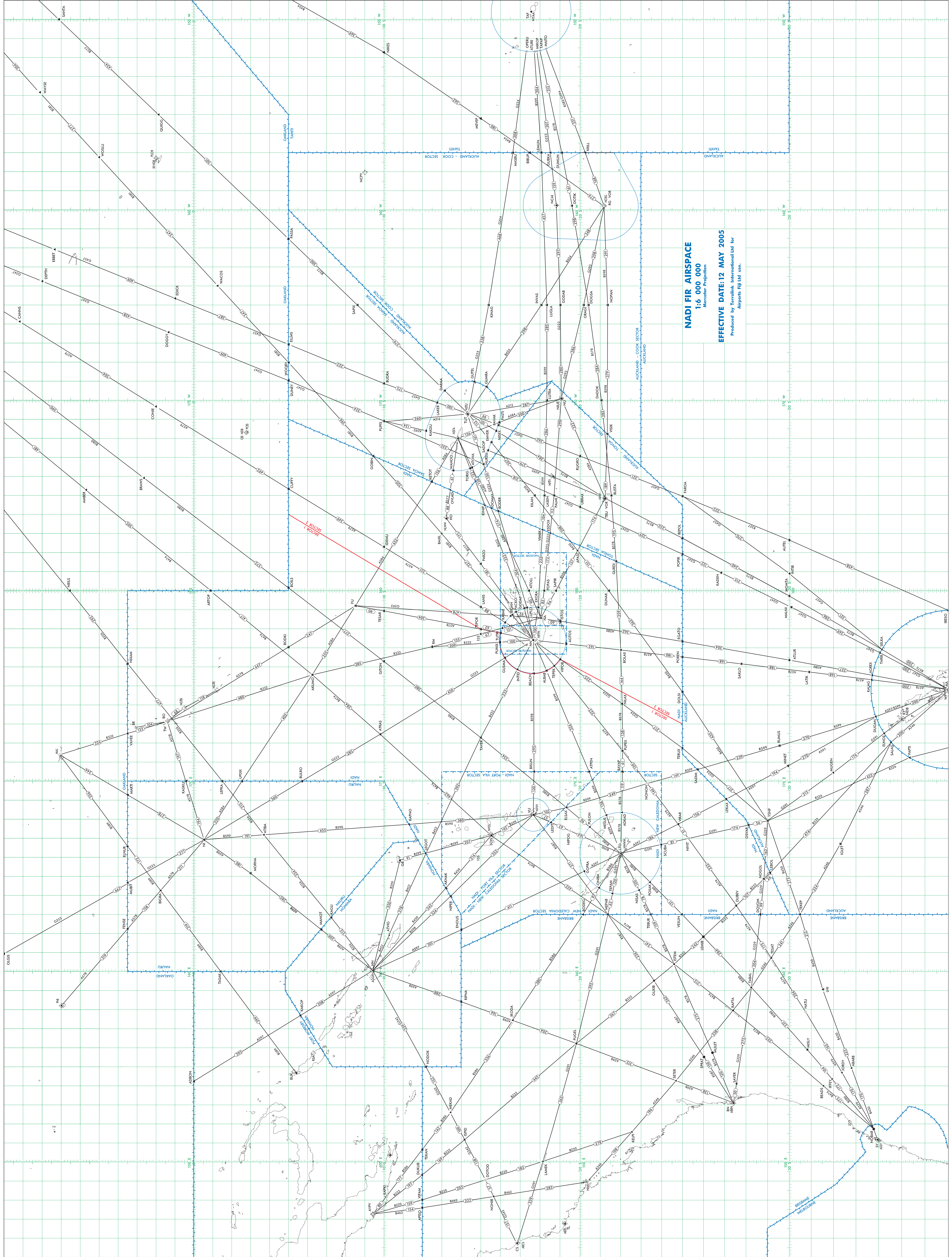


CONCLUSION

- ✈ ADS-B IMPLEMENTATION IN FIJI – A DEFINITE NEED
 - ✈ IT PROVIDES FOR IMPROVED SURVEILLANCE RESULTING IN ENHANCED SAFETY WITH INCREASED EFFICIENCY & EXPEDITIOUS FLOW OF TRAFFIC.
- ✈ REQUIRES COMMITMENT FROM STAKEHOLDERS - AFL, AIRLINES & REGULATORS
- ✈ TARGET IMPLEMENTATION FOR 2006







NADI FIR AIRSPACE

1:6 000 000
Mercator Projection

EFFECTIVE DATE: 12 MAY 2005

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