



Summary of the Twenty Second Meeting of the  
 Informal South Pacific Air Traffic Services Co-ordinating Group  
 (ISPACG/22)

**Appendix B**  
**Capacity Enhancement Table**  
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CAPACITY ENHANCEMENT	ACTION WITH	ESTIMATED COMPLETION DATE	DATE COMPLETED	NOTES
<b>Implement RVSM in Domestic Airspace</b>				
Australia	Airservices		Feb-02	
Fiji	AFL		Feb-00	
New Zealand	Airways		Feb-00	
PNG	CAA of PNG		Feb-02	
Solomon Islands	Airservices		Feb-02	
Tahiti	SEAC Tahiti		Feb-00	Up to F410
United States	FAA		Jan-05	Feb 2000 (PAC oceanic)
<b>Implement RNP10</b>				
Australia	Airservices		2000	
Fiji	AFL		Aug-03	
New Zealand	Airways		Dec-98	
PNG	CAA of PNG	Oct 07		Airservices
Solomon Islands	Airservices		Dec-98	F245 - F600
Tahiti	SEAC Tahiti	Mar 06		F245 - F600
United States	FAA		Dec-98	
<b>Implement RNP4</b>				
Australia	Airservices		20 Jan 05	
Fiji	AFL		Jan-05	
New Zealand	Airways		20 Jan 05	
PNG	CAA of PNG	Dec 10		
Solomon Islands	Airservices	TBD	20 Jan 05	
Tahiti	SEAC Tahiti	TBD		
United States	FAA		13 Mar 07	All Oakland Sectors



CAPACITY ENHANCEMENT	ACTION WITH	ESTIMATED COMPLETION DATE	DATE COMPLETED	NOTES
<b>Implement 50NM Lateral Separation</b>				
Australia	Airservices		Dec-98	
Fiji	AFL		Aug-03	
New Zealand	Airways		Dec-98	
PNG	CAA of PNG	Dec 08		
Solomon Islands	Airservices		Dec-98	
Tahiti	SEAC Tahiti	Dec 06		
United States	FAA		Dec-98	
<b>Implement 50NM Longitudinal Separation</b>				
Australia	Airservices		Jul-00	
Fiji	AFL		Aug-03	ADS aircraft only Will provide updated timelines for NON-ADS aircraft at the end of May 2008.
New Zealand	Airways		Jul-00	ADS aircraft only
PNG	CAA of PNG	Dec 08		
Solomon Islands	Airservices		Jul-01	
Tahiti	SEAC Tahiti	TBD		
United States	FAA		17 Oct 05	
<b>Implement 30NM Lateral Separation</b>				
Australia	Airservices		20 Jan 05	Brisbane eastern oceanic airspace
Fiji	AFL		Jan-05	
New Zealand	Airways		20 Jan 05	
PNG	CAA of PNG	Dec 10		
Solomon Islands	Airservices		20 Jan 05	
Tahiti	SEAC Tahiti	TBD		
United States	FAA		13 Mar 07	All Oakland Sectors



CAPACITY ENHANCEMENT	ACTION WITH	ESTIMATED COMPLETION DATE	DATE COMPLETED	NOTES
<b>Implement 30NM Longitudinal Separation</b>				
Australia	Airservices		20 Jan 05	Brisbane eastern oceanic airspace
Fiji	AFL		Jan-05	
New Zealand	Airways		20 Jan 05	
PNG	CAA of PNG	Dec 10		
Solomon Islands	Airservices		20 Jan 05	
Tahiti	SEAC Tahiti	TBD		
United States	FAA		13 Mar 07	All Oakland Sectors
<b>Implement UPRs</b>				
Australia	Airservices			Currently limited to data link aircraft YSSY/YBBN/YMML-KLAX/KSFO, and New Zealand/New Caledonia-Japan.  UPRs between PHNL-YSSY are pending.
Fiji	AFL	Second Quarter 2009		Currently has UPR capability for Datalink aircraft. Expect full UPR capability in second quarter of 2009. Nadi will provide updated timelines at the end of May 2008.
New Zealand	Airways			Full UPR capability
PNG	CAA of PNG	Oct 07		
Solomon Islands	Airservices			Currently limited to data link aircraft YSSY/YBBN/YMML-KLAX/KSFO, and New Zealand/New Caledonia-Japan.
Tahiti	SEAC Tahiti			Partial implementation YSSY/YMML/NZAA-KLAX
United States	FAA			Partial implementation North America - South Pacific, New Zealand/Caledonia – Asia, Hawaii – Australia, Hawaii – Japan are pending, beginning paper trials between RJAA – YSSY/YBBN/YBCS.



CAPACITY ENHANCEMENT	ACTION WITH	ESTIMATED COMPLETION DATE	DATE COMPLETED	NOTES
<b>Implement UPR DARP</b>				
Australia	Airservices	TBD		
Fiji	AFL	Second Quarter 2009		Can accept ABI only if flight plan is held prior to the receipt of an ABI. Nadi has no issues if a current flight plan (CPL) message is sent to Nadi in cases where an aircraft which was not going to enter the Nadi FIR originally will do as a result of the DAR re-clearance.
New Zealand	Airways		Jun 06	DARPing available between NZZO and KZAK
PNG	CAA of PNG	Dec 09		
Solomon Islands	Airservices	TBD		
Tahiti	SEAC Tahiti	TBD		
United States	FAA		Jun 06	DARPing available between NZZO and KZAK
<b>Application of Tactical Lateral Offsets for Climb &amp; Descent</b>				
Australia	Airservices	N/A		
Fiji	AFL	N/A		Nadi will provide an updated timeline at the end of May 2008.
New Zealand	Airways		Completed	
PNG	CAA of PNG	N/A		
Solomon Islands	Airservices	N/A		
Tahiti	SEAC Tahiti	N/A		
United States	FAA		Dec-98	



CAPACITY ENHANCEMENT	ACTION WITH	ESTIMATED COMPLETION DATE	DATE COMPLETED	NOTES
<b>Implement AIDC Messaging with Neighbouring FIRS for Co-ordination</b>				
Australia	Airservices		Jun 06	
Fiji	AFL		Jun 05	Partial Version 2 with NZZO, KZAK, and YBBB. Block levels in place with YBBB. Expect full AIDC Version 2 by the end of the second quarter 2009.
New Zealand	Airways		Feb 06	AIDC used with all Neighbours except McMurdo.
PNG	CAA of PNG	Dec 09		
Solomon Islands	Airservices		2005	
Tahiti	SEAC Tahiti	May-03	May-03	Partial with NZZO - ABI message 2005
United States	FAA		Partial implementation	Partial with Japan Mar 99, NZZO Dec 02, ZAN Oct. 05
<b>Implementation of AIDC Version 2</b>				
Australia	Airservices	Jun 07		Block levels
Fiji	AFL	Second Quarter 2009		Block levels in place with YBBB. Looking at trials on CDN interface with NZZO in the near future to verify requirements for operational usage.
New Zealand	Airways	Mar 06		KZAK. Available for all FIRs
PNG	CAA of PNG	Dec 10		
Solomon Islands	Airservices	Jun 07		
Tahiti	SEAC Tahiti	Early 2006		
United States	FAA	Mid 2006		NZZO. Available for all FIRs.



CAPACITY ENHANCEMENT	ACTION WITH	ESTIMATED COMPLETION DATE	DATE COMPLETED	NOTES
<b>Introduce an Integrated ATC System Including ADS-C/CPDLC</b>				
Australia	Airservices		Jan-00	
Fiji	AFL		Jan-01	
New Zealand	Airways		Jul-00	
PNG	CAA of PNG	TBD		
Solomon Islands	Airservices		Jan-00	
Tahiti	SEAC Tahiti		1999	
United States	FAA		17 Oct 05	
<b>Implement ADS-B</b>				
Australia	Airservices	TBD		11 ground stations operational. 6 more expected in Q3 2008
Fiji	AFL	End of 2009		Implementation will provide coverage for Fiji domestic airspace. Nadi will provide an updated implementation timeline by the end of May 2008.
New Zealand	Airways	TBD		Considering implementation in areas of inadequate radar coverage only
PNG	CAA of PNG	TBD		
Solomon Islands	Airservices	TBD		
Tahiti	SEAC Tahiti	TBD		Study completed
United States	FAA	TBD		Jan 01 - Anchorage FIR only,



CAPACITY ENHANCEMENT	ACTION WITH	ESTIMATED COMPLETION DATE	DATE COMPLETED	NOTES
<b>Terminal Procedures</b>				
Australia	Airservices	TBD		Conducting tailored arrival trials – Phase I completed Sept 04. Terminal procedures included in ATM Strategic Plan. New sequencing tool – ALOFT.
Fiji	AFL	TBD		Will provide an updated timeline by the end of May 2008.
New Zealand	Airways	TBD		RNP terminal project in place. Optimum Arrival Trial NZAA Apr Jun 07. CAM in place.
PNG	CAA of PNG	TBD		
Solomon Islands	Airservices	TBD		
Tahiti	SEAC Tahiti	Mid 2007		NPA GNSS SID and STARS
United States	FAA	TBD		Developing criteria, aircraft qualification and approval guidance, tailored arrivals trial SFO – Phase I complete, Phase II ongoing.