



International Civil Aviation Organization

**Automatic Dependent Surveillance – Broadcast (ADS-B)
Study and Implementation Task Force**

Brisbane, Australia, 24^h March to 26^h March 2003

Agenda Item 1: Adoption of Agenda

a) Adoption of the provisional agenda and tentative meeting programme

TASK FORCE PROPOSED DETAILED AGENDA

(Presented by Australia)

SUMMARY

This paper proposes the Agenda of the Meeting in detail

1. Background

1.1 The Task Force is charged with completing its work and presenting its results to

APANPIRG ATS/AIS/SAR/SG	in May 2003
APANPIRG CNS/MET/SG	in July 2003
APANPIRG/14	in August 2003
Potential input to ANC 11	

1.2 The main tasks that have been given to the Task Force, in summary, are :

- a) Identify near term benefits (say within 10 years)
- b) Identify long term benefits (say after 10 years)
- c) Recommend the most suitable link technology for near term
- d) Recommend the most suitable link technology for long term
- e) Develop a recommended implementation plan

2. Proposed Agenda

AGENDA 1: Adoption of Agenda

AGENDA 2: Review of ADS-B Activities

<i>Seq</i>	<i>Name</i>	<i>Presenter</i>	<i>Paper/ Agenda item</i>
2.1	What is ADS-B?	Greg Dunstone, Australia	WP9 (AI2)
	Review of ICAO ADS-B activities		
	OPLINK	Adam Watkin, Australia, OPLINK Member	WP20 (AI2)
2.2	ADS-B Separation standards under development in the ICAO SASP	Bob Butcher, Australia SASP chairman	WP16 (AI2)
2.3	ADS-B Related Activities by states (AMCP)	Secretariat	IP9 (AI2)
2.4	SCRSP and ADS-B	Kojo Owusu, Australia	WP21 (AI2)
	Review of State ADS-B activities		
2.5	ADS-B activities in the ASIA/PAC Region	Secretariat	IP2 (AI 2)
2.6	STATUS OF ADS-B ACTIVITY IN JAPAN	Japan	IP11 (AI2)
2.7	Australia ADS-B Trial	Greg Dunstone, Australia	WP4 (AI2)
2.8	ADS REAL TIME SIMULATION MONGOLIAN AIRSPACE	P.Ganbaatar, Mongolia	IP10 (AI2)
2.9	ADS-B in China	China	IP12 (AI2)
2.10	ADS-B Potential for Asia Pacific	Greg Dunstone, Australia	WP7 (AI 2/4)
2.11	An Airline perspective	Walter Dollman (Qantas), Australia	WP10 (AI2)
2.12	Airbus position on ADS-B	Thomas Fixy (Airbus), Australia	IP7 (AI2)
2.13	ADS-B Deployment from the Airborne Equipage perspective	Ed Williams, Australia	IP8 (AI2)
2.14	Thales ATM position on ADS-B	Michael Procoudine (Thales ATM), Australia	IP4 (AI2)
	Boeing position		
	IATA position		
	IFALPA position		
	Other papers/ views		

AGENDA 3: Recommend link technology

	Activity		
3.1	ADS-B Technical Standards Organisations	Greg Dunstone, Australia	IP5 (AI3)
3.2	Overview available ADS-B link technologies	Greg Dunstone, Australia	WP14 (AI3)
3.3	The Link position of a number of organisations	Greg Dunstone, Australia	WP13 (AI3)
3.4	Summary of recent AMCP activities on comparative analysis of ADS-B datalink	Secretariat	WP19 (AI3)
3.5	Availability of Mode S Based ADS-B avionics	Ed Williams, Australia	WP18 (AI3)
3.6	Investment in Mode S Extended squitter. Why it won't be wasted	Ed Williams, Australia	
3.7	General aviation avionics	Greg Dunstone, Australia	IP13 (AI3)
3.8	ADS-B Ground Infrastructure availability	Bruce Robinson (Sensis), Australia	IP6 (AI3)
3.9	Timing of Mode S (1090Mhz) fitment	Greg Dunstone, Australia	WP11 (AI3)
3.10	Proposed Near term criteria for link technology choice	Greg Dunstone, Australia	WP15 (AI3)
3.11	Match proposed standards against criteria		
3.12	Other papers/ views		

AGENDA 4: Cost Benefit Studies

	Benefits of ADS-B for Asia/Pacific		
4.1	Direct ADS-B Safety benefits	Greg Dunstone, Australia	WP6 (AI4)
4.2	Operational flexibility benefits	Greg Dunstone, Australia	WP12 (AI4)
4.3	Remote Area Non ATC ADS-B Benefits	Greg Dunstone, Australia	WP5 (AI 4)
4.4	Australian 20 site proposal	Greg Dunstone, Australia	IP3 (AI 4/5)
4.5	Short term Cost benefit case		
4.6	Proposed Long term criteria for link technology choice		
4.7	Match proposed standards against criteria		
4.8	Long term Cost benefit case		
4.9	Draft link choice decision for Air Transport Category aircraft for Asia Pacific		
	Other papers/ views		

AGENDA 5: Develop implementation plan

Time	Activity		
5.1	Two Tier ADS-B services	Greg Dunstone, Australia	WP8 (AI5)
5.2	List options to achieve fitment		
	Draft Implementation plan for Air Transport Category Aircraft		
5.3	Mandatory fitment	Ed Williams, Australia	WP17 (AI5)
5.4	Proposed initial implementation plan for ASIA/PAC		
5.5	Proposed approach for long term implementation plan for ASIA/PAC		
	Draft Implementation plan for other than Transport Category Aircraft		
5.6	Proposed initial implementation plan for ASIA/PAC for non Air Transport Category		

AGENDA 6 : Work Programme Development

	Catalogue outstanding issues		
6.1	Catalogue additional work		
6.2	Construct work program (if required)		
	Prepare Draft report		

3. Action by the meeting

- 3.1 The meeting is requested to approve the proposed agenda.

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