



Sixth Meeting of CNS/MET Sub-Group of APANPIRG

Bangkok, Thailand, 15 – 19 July 2002

Agenda Item 10a): Review implementation of the ISCS and SADIS

IMPLEMENTATION OF ISCS AND SADIS IN THE ASIA/PAC REGIONS

(Presented by the Secretariat)

SUMMARY

This paper presents information regarding progress in implementation of the ISCS and SADIS and actions taken by States and Secretariat to foster implementation of the systems.

1. Introduction

1.1 The information concerning implementation by States of the International Satellite Communications System (ISCS/2) provided by the United States of America and the Satellite Distribution System for information relating to air navigation (SADIS) provided by the United Kingdom, as integral part of the ICAO aeronautical fixed service (AFS), is presented in this paper.

2. Discussion

Progress in implementation of the ISCS and SADIS by the ASIA/PAC States

2.1 The meeting may wish to recall that the FASID Table MET 7 – Implementation of the ISCS/2 and SADIS in the Asia/Pacific regions, has been reviewed and updated by the CNS/MET SG/5 Meeting in 2001. The updated table has been included in the FASID Amendment proposal, Serial No. APAC 02/5 – MET, that was circulated to States for comments.

2.2 The amended FASID Table MET 7 is given in Attachment 1 to this paper. The participants are invited to advise the meeting concerning any changes in regard to ISCS/2 or SADIS implementation in their States. It is expected also that experts from the provider States will update the information given in the Table, as necessary.

Implementation of the ISCS

2.3 The meeting may wish to note that during 2001-2002 the Secretariat has not been notified of any expansion of the ISCS in the ASIA/PAC Regions.

2.4 It shall be recalled that the CNS/MET SG/5 meeting was advised on the planned enhancement and improvement of the ISCS service by the United States. It was said that these plans will require upgrade and/or replacement of the existing ISCS reception and processing equipment in the user States. Detailed information on the on-going activities related to the upgraded ISCS/2 services is to be provided by the United States.

Assessment of SADIS operational efficacy

2.5 As proposed by the SADIS Operations Group, a survey on the SADIS operational efficacy in the ASIA/PAC Regions for the period 2001-2002 had been carried out by the Secretariat during March - April 2002 in order to assist the SADISOPSG/7 Meeting held in Cairo, June 2002, to develop the annual statement of efficacy. The Office has received 14 answers to the questionnaire from 12 SADIS user States. The overall assessment of the SADIS operational performance was satisfactory, but several States reported that they experienced problems during this period, mainly related to the receiving equipment.

Composition of the SADISOPSG

2.6 As a follow up of the APANPIRG Conclusion 12/27, calling for the composition of the SADISOPSG be reviewed in view of the introduction of the mandatory cost recovery scheme, after consultation with the Chairman of APANPIRG, China was invited to nominate a member to SADISOPSG as a replacement of the member from Singapore. China accepted the proposal and nominated an expert to become member of SADISOPSG.

2.7 It shall be noted however that no member from Asia/Pacific Regions participated at the SADISOPSG/7 meeting held in June at the ICAO MID Office, Cairo. Noting that fact, the SADISOPSG proposed to hold its eight meeting in 2003 at the ICAO Asia/Pacific Office in order to encourage the participation of the SADISOPSG members from these regions.

3. Action by the Meeting

3.1 The meeting is invited to :

- a) note the information regarding implementation of the ISCS/2 and SADIS;
- b) review the ISCS/2 and SADIS users tables and update the information as required; and
- c) consider further action to be taken to foster implementation of the systems in the ASIA/PAC Regions.

**FASID TABLE MET 7 - IMPLEMENTATION OF THE ISCS/2 AND SADIS
IN THE ASIA/PAC REGIONS**

International Satellite Communication System (ISCS/2)					
State/Territory	WAFS User	Location of VSAT	Access Approved	Equipment Installed	Equipment Operational
American Samoa (United States)		Information received from the US NWS, Honolulu via a dedicated circuit			
Australia	Bureau of Meteorology	Melbourne	X	X	X
China	China Meteorological Administration (CMA) Civil Aviation Administration Civil Aviation Administration Hong Kong Observatory Chinese Aeronautical Meteorology Association	National MET Centre, Beijing	X		
		Beijing Intl. Airport	X	X	X
		Shanghai Intl. Airport	X	X	X
		Hong Kong Intl. Airport Taipei	X X	X	X
Cook I	Meteorological Service				
Fiji	Meteorological Service	Nadi Intl. Airport	X	Being installed X	X
French Polynesia (France)	Meteo France	Information received from France via satellite	X		
Guam (United States)				X	
Indonesia	Meteorological and Geophysical Agency	Soekarno - Hatta International Airport	X	X	X
Japan	Japan Meteorological Agency	Kokusai Denshin Denwa Co.,	X	X	X
Kiribati					
Mongolia	Civil Aviation Authority	Ulaanbaatar	X		
Nauru					
New Caledonia (France)	Meteo France		X	X	X
New Zealand	MET Service of New Zealand, Ltd	Auckland Wellington	X X	back up only X	X
Niue					
Papua New Guinea	Meteorological Department	Port Moresby Intl. Airport	X	X	X
Philippines	Department of Meteorology	Manila	X	X	X
Republic of Korea	Meteorological Services	Seoul Intl. Airport	X	X	X

International Satellite Communication System (ISCS/2)					
State/Territory	WAFS User	Location of VSAT	Access Approved	Equipment Installed	Equipment Operational
Samoa					
Singapore	Singapore MET Service	Singapore/Changi Intl. Airport	X	X	X
Thailand	Meteorological Department	Bangkok Intl. Airport	X		
Tonga					
Tuvalu					
Vanuatu	Meteorological Service	Port Vila	X		
Viet Nam	Meteorological Service	Hanoi City	X	X	X
United States	National Weather Service	Guam Hawaii	X X	X	X
Wallis I. (France)	Meteo France	Wallis	X	X	X

Satellite Distribution System (SADIS)					
State/Territory	WAFS User	Location of VSAT	Access Approved	Equipment Installed	Equipment Operational
Australia	Bureau of Meteorology	Perth	X	X	
Bangladesh	Department of Meteorology	Dhaka	X	X	X
Brunei	Department of Civil Aviation	Brunei Intl. Airport	X	X	X
China	China Meteorological Administration (CMA)	National MET Centre, Beijing	X		
	Civil Aviation Administration	Beijing Intl. Airport	X	X	X
	Civil Aviation Administration	Guangzhou Intl. Airport	X	X	X
	Hong Kong Observatory	Hong Kong Observatory	X	X	X
	Chinese Aeronautical Meteorology Association	Taibei	X		
	Civil Aviation Administration	Macau Intl. Airport	X	X	X
DPR of Korea	General Administration of Civil Aviation	Pyongyang Intl. Airport	X	X	X
India	Meteorological Department	New Delhi	X	X	X
Indonesia	Meteorological and Geophysical Agency	Headquarters	X	X	
Lao PDR	Department of Meteorology	Vientiane, Wattay	X	X	X
Malaysia	Department of Meteorology	Kuala Lumpur Intl. Airport	X	X	X
Maldives	Department of Meteorology	Male Intl. Airport	X	X	X
Mongolia	Civil Aviation Authority	Ulaanbaatar Intl. Airport	X	X	X
Nepal	Department of Meteorology	Kathmandu Intl. Airport	X	X	X
Pakistan	Meteorological Department	Karachi Intl. Airport	X	X	X
Republic of Korea	Korea Meteorological Administration	Incheon Intl. Airport	X		
Singapore	Meteorological Service	Singapore/Changi Intl. Airport	X	X	X
Sri Lanka	Department of Meteorology	Colombo	X	X	X
Thailand	Thai Meteorological Department	Bangkok Intl. Airport	X	X	X
Vietnam	Civil Aviation Administration	Gialam Airport, Hanoi	X	X	X
	Civil Aviation Administration	Tan-Son-Nhat Intl. Airport, Ho Chi Minh	X	X	