

*International Civil Aviation Organization*



**THE FIRST MEETING OF AERONAUTICAL  
COMMUNICATION SERVICE (ACS)  
IMPLEMENTATION CO-ORDINATION GROUP  
OF APANPIRG (ACSICG/1)**



Seoul, Republic of Korea, 13 - 16 May 2014

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**Agenda Item 11: Any other business**

**REVIEW THE ASIA/PAC AFTN PLAN - TABLE CNS - 1A**

(Presented by the Secretariat)

**SUMMARY**

This paper presents AFTN Plan for review by the meeting.

**1. Introduction**

1.1 The AFTN Plan (Table CNS - 1A) is provided in a tabular form in Attachment to this paper for review.

**2. Discussion**

2.1 In accordance with APANPIRG Conclusion 15/19, an amendment proposal - APAC 05/11-CNS was circulated to States on 11 March 2005 for comments. States provided comments by June 2005. The Table CNS-1A – AFTN Plan contained in Part IV of the ASIA/PAC FASID was replaced with an updated Table at that time after getting approval of the Amendment Proposal.

2.2 The AFTN Plan was included in the Regional Air Navigation Plan - FASID Document Vol. II which was published in 2006.

2.3 As AFTN was considered to be replaced with AMHS in a number of years, the Plan therefore, has not been updated in last seven years. It should be noted that AFTN in States are still kept running while AMHS are implemented. Complete transition period from AFTN to AMHS has been much longer than it was expected.

2.4 Changes have taken place and capacity of AFTN circuits between some Administrations has been increased or improved. A number of additional circuits have been put into operation in order to provide alternate routing. Therefore, necessary review and updates to the AFTN Plan are required.

**3. Action by the Meeting**

3.1 The meeting is expected to review and update the AFTN Plan (Table CNS - 1A) provided in the Attachment to this paper.

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## TABLE CNS 1A - AFTN PLAN

### *Explanation of the Table*

#### *Column*

1	The AFS station or facility of individual State, listed alphabetically. Each circuit appears twice in the Table.
2	Category of circuit  M - Main trunk circuit connecting Main AFTN Communication Centres.  T - Tributary circuit connecting Main AFTN Communication Centre and AFTN stations to relay or retransmit AFTN traffic.  S - AFTN circuit which is used to transmit and receive AFTN traffic to and from a Main or Tributary AFTN communication centre directly connected to it and does not relay AFTN traffic except for the purpose of serving national station(s).
3 and 7	Type of circuit provided:  LTT landline teletypewriter LTT/a landline teletypewriter, analogue (eg. cable, microwave) LTT/d landline teletypewriter, digital (eg. cable, microwave) LDD/a landline data circuit, analogue (eg. cable, microwave) LDD/d landline data circuit, digital (eg. cable, microwave) SAT/n/a/d satellite link, the number indicates the number of hubs in the circuit: Also use/a for analogue or/d for digital appropriate to the tail circuit.
4 and 8	Circuit signalling speed, current or planned.
5 and 9	Circuit protocols, current or planned.  COP-B Character oriented data link control procedure – System Category - B X. 25 X.25 protocol
6 and 10	Data transfer code (syntax), current or planned.  ITA-2 International Telegraph Alphabet No. 2 (Baudot code) IA-5 International Alphabet No. 5 (7 - unit code)
11	Target date of implementation
12	Remarks
Note 1:	Circuit is required for alternate routing and for national routing for international traffic.
Note 2:	Requirements exist for speech and data (S + DX) communication.

State/Station	Cat.	CURRENT				PLANNED				Target date of implementation	Remarks
		Type	Signalling Speed	Protocol	Code	Type	Signalling Speed	Protocol	Code		
1	2	3	4	5	6	7	8	9	10	11	12
<b>AMERICAN SAMOA</b> PAGO PAGO - S/NSTU United States/KSLC	S	LDD/d	2400 bps	X.25	IA-5						
<b>AUSTRALIA</b> BRISBANE - M/YBBB	M	LDD/d	2400 bps	X.25	IA-5						Note 2
Christchurch/NZCH	S	LDD/d	9600 bps	X.25	IA-5						Internet Gateway
Honiara/AGGG	S	SAT/d	2400 bps	X.25	IA-5						Note 1,2
Jakarta/WIII	M	LDD/d	4800 bps	X.25	IA-5						Note 2
Nadi/NFFN	S	LDD/d	9600 bps	X.25	IA-5						Internet Gateway
Nauru/ANAU	S	SAT/d	9600 bps	X.25	IA-5						Note 2
Port Moresby/AYPM	S	LDD/d	9600 bps	X.25	IA-5						Internet Gateway
Port Vila/NVVV	S	LDD/d	9600 bps	X.25	IA-5						Internet Gateway
Dili/WPDL	S	LDD/d	9600 bps	X.25	IA-5						Internet Gateway
Santiago/SCSC	M					Ldd/d	2400 bps	X.25	IA-5		
Singapore/WSSS	M	LDD/d	2400 bps	X.25	IA-5						
United States/KSLC	M	SAT/d	2400 bps	X.25	IA-5						
Johannesburg	M	SAT/d	64 Kbps	X.25	IA-5						
<b>BANGLADESH</b> DHAKA - S/VGZR	S	SAT/d	300 baud	None	IA-5						
Bangkok/VTBB	S	LDD/d	64 Kbps	None	IA-5						
Kolkata/VECC											
<b>BHUTAN</b> PARO - S/VQPR	S	SAT/a	300 baud	None	ITA-2						Dial up
Mumbai/VABB											
<b>BRUNEI</b> <b>DARUSSALAM</b> BRUNEI - S/WBSB	S	LDD/d	4800 bps	X.25	IA-5						
Singapore/WSSS	S	LTT	75 baud	None	IAT-2	LDD/d	9600 bps	X.25	IA-5	12/06	Note 1,2
Kuala Lumpur/WMKK											
<b>CAMBODIA</b> PHNOM PENH - S/VDPP	S	SAT/d	300 baud	None	IA-5						Note 2
Bangkok/VTBB											
<b>CHINA</b> BEIJING - M/ZBBB	M	LDD/d	9600 bps	X.25	IA-5						
Guangzhou/ZGGG	M	LDD/d	2400 bps	None	IA-5						
Karachi/OPKC	S	SAT/d	300 baud	None	IA-5						
Kathmandu/VNKT	M	SAT/d	2400 bps	None	IA-5						
Russian Fedration/UHHH	S	SAT/d	9600 bps	None	IA-5						(Khabarovsk)
Pyongyang/ZKKK	S	SAT/d	9600 bps	X.25	IA-5						
Seoul/RKSS	S	SAT/d	9600 bps	X.25	IA-5						

State/Station	Cat.	CURRENT				PLANNED				Target date of implemen- tation	Remarks
		Type	Signalling Speed	Protocol	Code	Type	Signalling Speed	Protocol	Code		
1	2	3	4	5	6	7	8	9	10	11	12
Tokyo/RJAA	M	LDD/d	9600 bps	X.25	IA-5						
Ulaan Baatar/ZMUB	S	SAT/d	300 baud	None	IA-5	SAT/a	9600 bps	None	IA-5	12/05	Note 2
Yangon/VYYY	S	SAT/d	300 baud	None	IA-5						
<b>GUANGZHOU-M/ZGGG</b>											
Beijing/ZBBB	M	LDD/d	9600 bps	X.25	IA-5						
Hanoi/VVNB	S	SAT/d	2400 bps	None	IA-5						
Hong Kong/VHHH	M	LDD/d	2400 bps	None	IA-5						Note 1
Macau/VMMC	S	LDD/d	2400 bps	None	IA-5						
Sanya/ZJSY	S	LDD/d	2400 bps	None	IA-5						
<b>SANYA-S/ZJSY</b>											
Guangzhou/ZGGG	S	LDD/d	2400 bps	None	IA-5						
Hong Kong/VHHH	S	LDD/d	2400 bps	None	IA-5						
<b>TAIBEI - S/RCTP</b>											
Hong Kong/VHHH	S	LDD/d	4800 bps	X.25	IA-5						
Manila/RPLL	S	LDD/d	300 bps	None	ITA-2						Note 1, 2
Naha/ROAH	S	LDD/d	4800 bps	X.25	IA-5						
<b>HONG KONG, CHINA</b>											
<b>HONG KONG-M/VHHH</b>											
Bangkok/VTBB	M	LDD/d	64 Kbps	X.25	IA-5						ATN link carrying AFTN Traffic
Guangzhou/ZGGG	M	LDD/d	2400 bps	None	IA-5						Note 1
Ho-Chi-Minh/VVTS	S	SAT/d	2400 bps	None	IA-5						
Macau/VMMC	S	LDD/d	2400 bps	None	IA-5						
Manila/RPLL	S	LDD/d	300 baud	None	ITA-2						
Sanya/ZJSY	S	LDD/d	2400 bps	None	IA-5						Note 1
Taipei/RCTP	S	LDD/d	4800 bps	X.25	IA-5						
Tokyo/RJAA	M	LDD/d	9600 bps	X.25	IA-5						
<b>MACAU, CHINA</b>											
<b>MACAU - S/VMMC</b>											
Hong Kong/VHHH	S	LDD/d	2400 bps	None	IA-5						
Guangzhou/ZGGG	S	LDD/d	2400 bps	None	IA-5						
<b>COOK ISLAND</b>											
<b>RAROTONGA-S/NCRG</b>											
Christchurch/NZCH	S	LDD/d	2400 bps	X.25	IA-5						
<b>DPR KOREA</b>											
<b>PYONGYANG-S/ZKKK</b>											
Beijing/ZBBB	S	SAT/d	9600 bps	None	IA-5						

State/Station	Cat.	CURRENT				PLANNED				Target date of implemen- tation	Remarks
		Type	Signalling Speed	Protocol	Code	Type	Signalling Speed	Protocol	Code		
1	2	3	4	5	6	7	8	9	10	11	12
<b>FIJI</b>											
NADI - M/NFFN	M	LDD/d	4800 bps	X.25	IA-5						
Brisbane/YBBB	S	LDD/d	4800 bps	X.25	IA-5	LDD/d	2400 bps	None	IA-5	12/05	Note 2
Funafuti/NGFU	S	LDD/d	9600 bps	X.25	IA-5						Dial-up
Noumea/NWWW	S	LDD/d	2400 bps	None	IA-5						Note 2
Tarawa/NGTT	S	LDD/d	2400 bps	None	IA-5						
United States/KSLC	M	SAT/d	2400 bps	X.25	IA-5						Note 2
Wallis Is./NLWW	S					LDD/a	2400 bps	None	IA-5	when traffic justifies	Current routing via Noumea
<b>FRENCH POLYNESIA (FRANCE)</b>											
PAPEETE/NTAA											
Christchurch/NZCH	S	LDD/d	2400 bps	X.24	IA-5						
<b>INDIA</b>											
MUMBAI - M/VABB											
Bangkok/VTBB	M	SAT/a	64 Kbps	X.25	IA-5						
Kolkata/VECC	S	LDD/d	64 Kbps	X.25	IA-5						
Colombo/VCCC	M	LDD/d	64 Kbps	X.25	IA-5						
Karachi/OPKC	M	SAT/d	2400 bps	None	IA-5						Note 2
Kathmandu/VNKT	S	SAT/a	50 baud	None	ITA-2						
Muscat Seeb/OOMS	M	SAT/a	300 baud	None	ITA-2						Note 2
Nairobi/HKNC	M	SAT/a	50 baud	None	ITA-2						
Paro/VQPR	S	SAT/a	300 baud	None	ITA-2						Dial up
<b>KOLKATA - S/VECC</b>											
Dhaka/VGZR	S	LDD/d	64 Kbps	None	IA-5						
Mumbai/VABB	S	LDD/d	64 Kbps	X.25	IA-5						
<b>DELHI - S/VIDD</b>											
Tashkent/UTTT	S	SAT/a	50 baud	None	ITA-2						
<b>CHENNAI - S/VOMM</b>											
Kuala Lumpur/WMCK	S	LDD/d	9600 bps	X.25	IA-5						Note 1, 2
<b>INDONESIA</b>											
JAKARTA - S/WIII											
Brisbane/YBBB	S	SAT/d	2400 bps	X.25	IA-5						Note1,2
Singapore/WSSS	S	SAT/d	2400 bps	X.25	IA-5						Note 2

State/Station	Cat.	CURRENT				PLANNED				Target date of implemen- tation	Remarks
		Type	Signalling Speed	Protocol	Code	Type	Signalling Speed	Protocol	Code		
1	2	3	4	5	6	7	8	9	10	11	12
<b>JAPAN</b>											
TOKYO - M/RJAA	M	LDD/d	9600 bps	X.25	IA-5						
Beijing/ZBBB	M	LDD/d	9600 bps	X.25	IA-5						
Hong Kong/VHHH	M	LTT	2400 bps	None	IA-5						
Russian Federation/UHHH	M	LTT	2400 bps	None	IA-5						
Russian Federation/UUUU	M	LTT	200 baud	None	IA-5	LDD	2400 bps	None	IA-5		(Khabarovsk)
Naha/ROAH	S	LDD/d	9600 bps	X.25	IA-5						Coordination with Russian Federation in progress
Seoul/RKSS	S	LDD/d	9600 bps	X.25	IA-5						Note 2
Singapore/WSSS	M	LDD/d	9600 bps	X.25	IA-5						Traffic exchange via AMHS
United States/KSLC	M	LDD/d	9600 bps	X.25	IA-5						
NAHA - S/ROAH											
Taipei/RCTP	S	LDD/d	4800 bps	X.25	IA-5						
Tokyo/RJAA	S	LDD/d	9600 bps	X.25	IA-5						
<b>KIRIBATI</b>											
TARAWA - S/NGTT											
Nadi/NFFN	S	LDD/d	2400 bps	None	IA-5						
<b>LAO PDR</b>											
VIENTIANE - S/VLVT											
Bangkok/VTBB	S	SAT/d	300 baud	COP-B	IA-5						Note 2
Hanoi/VVNB	S	SAT/d	2400 bps	None	IA-5						
<b>MALAYSIA</b>											
KUALA LUMPUR-S/WMKK											
Bangkok/VTBB	S	SAT/d	2400 bps	X.25	IA-5						Note 1, 2
Brunei/WBSB	S	LTT	75 baud	None	ITA-2	LDD/d	9600 bps	X.25	IA-5	12/06	Note 1, 2
Chennai/VOMM	S	LDD/d	9600 bps	X.25	IA-5						Note 1, 2
Singapore/WSSS	S	SAT/d	1200 bps	X.25	IA-5						Note 1, 2
<b>MALDIVES</b>											
MALE - S/VRMM											
Colombo/VCCC	S	LTT	50 baud	None	ITA-2	SAT/d	9600 bps	X.25	IA-5	12/06	Note 2
<b>MARSHALL ISLAND</b>											
MAJURO - S/PKMJ											
United States/KSLC	S	SAT/d	1200 bps	X.25	IA-5						

State/Station	Cat.	CURRENT				PLANNED				Target date of implemen- tation	Remarks
		Type	Signalling Speed	Protocol	Code	Type	Signalling Speed	Protocol	Code		
1	2	3	4	5	6	7	8	9	10	11	12
<b>MICRONESIA</b>											
<b>FEDERATED STATE OF CHUUK</b> - S/PTKK United States/KSLC	S	SAT/a	1200 bps	X.25	IA-5						Service to be transferred to Internet
<b>KOSRAE</b> - S/PTSA United States/KSLC	S	SAT/a	1200 bps	X.25	IA-5						Service to be transferred to Internet
<b>PONAPEI</b> - S/PTPN United States/KSLC	S	SAT/a	1200 bps	X.25	IA-5						Service to be transferred to Internet
<b>YAP</b> - S/PTYA United States/KSLC	S	SAT/a	1200 bps	X.25	IA-5						Service to be transferred to Internet
<b>MONGOLIA</b>											
<b>ULAANBAATAR</b> -S/ZMUB Beijing/ZBBB	S	SAT/d	300 baud	None	IA-5	SAT/a	9600 bps	None	IA-5	12/05	Note 2 (Irkutsk)
Russian Federation/UIII	S	LTT	50 baud	None	ITA-2	LDD/d	9600 bps	X.25	IA-5	12/05	
<b>MYANMAR</b>											
<b>YANGON</b> - S/VYYY Bangkok/VTBB	S	SAT/d	300 baud	COP-B	IA-5						Note 2 Note 1,2
Beijing/ZBBB	S	SAT/d	300 baud	None	IA-5						
<b>NAURU</b>											
<b>NAURU</b> - S/ANAU Brisbane/YBBB	S	LDD/d	9600 bps	X.25	IA-5						Internet Gateway
<b>NEPAL</b>											
<b>KATHMANDU</b> - S/VNKT Beijing/ZBBB	S	SAT/d	300 baud	None	IA-5						
Mumbai/VABB	S	SAT/a	50 baud	None	ITA-2						
<b>NEW CALEDONIA (FRANCE)</b>											
<b>NOUMEA</b> - S/NWWW Nadi/NFFN	S	LDD/d	2400 bps	X.25	IA-5						Note 2



State/Station	Cat.	CURRENT				PLANNED				Target date of implementation	Remarks
		Type	Signalling Speed	Protocol	Code	Type	Signalling Speed	Protocol	Code		
1	2	3	4	5	6	7	8	9	10	11	12
<b>NEW ZEALAND</b>											
CHRISTCHURCH-T/NZCH											
Faleolo/NSFA	S	LDD/d	2400	X.25	IA-5						
Brisbane/YBBB	M	LDD/d	2400 bps	X.25	IA-5						Note 2
Niue/NIUE	S										Currently by FAX
Papeete/NTAA	S	SAT/d	2400 bps	X.25	IA-5						
Rarotonga/NCRG	S	LDD/d	2400 bps	X.25	IA-5						
Tongatapu/NFTF	S	LDD/d	2400 bps	X.25	IA-5						
USA/KSLC	M	LDD/d	9600 bps	X.25	IA-5						
<b>NIUE IS</b>											
NIUE - S/NIUE											
Christchurch/NZCH	S										Currently by FAX
<b>PAKISTAN</b>											
KARACHI - M/OPKC											
Beijing/ZBBB	M	LDD/d	2400 bps	None	IA-5						
Mumbai/VABB	M	SAT/d	2400 bps	None	IA-5						Note 2
Kabu/OAKB	S	SAT/d	2400 bps	None	IA-5						Note 2
Kuwait/OKBK	M	LDD/d	2400 bps	None	IA-5						
<b>PALAU</b>											
KOROR - S/PTR0											
United States/KSLC	S	SAT/d	1200 bps	X.25	IA-5						Service to be transferred to Internet
<b>PAPUA NEW GUINEA</b>											
PORT MORESBY-S/AYPM											
Brisbane/YBBB	S	SAT/d	9600 bps	X.25	IA-5						Note 2
<b>PHILIPPINES</b>											
MANILA - S/RPLL											
Hong Kong/VHHH	S	LDD/d	300 baud	None	ITA-2						
Singapore/WSSS	S	LDD/d	300 baud	None	ITA-2						
Taipei/RCTP	S	LDD/d	300 baud	None	ITA-2						
<b>REPUBLIC OF KOREA</b>											
SEOUL - S/RKSS											
Beijing/ZBBB	S	SAT/d	9600 bps	X.25	IA-5						
Tokyo/RJAA	S	LDD/d	9600 bps	X.25	IA-5						Note 2
<b>SAMOA</b>											
FALEOLO - S/NSFA											
Chistchurch/NZCH	S	LDD/d	2400 bps	X.25	IA-5						

State/Station	Cat.	CURRENT				PLANNED				Target date of implemen- tation	Remarks
		Type	Signalling Speed	Protocol	Code	Type	Signalling Speed	Protocol	Code		
1	2	3	4	5	6	7	8	9	10	11	12
<b>SINGAPORE</b>											
SINGAPORE-M/WSSS											
Bahrain/OBBI	M	LTT	200 baud	None	ITA-2	LDD/d	9600 bps	None	IA-5	08/05	
Bangkok/VTBB	M	LDD/d	9600 bps	X.25	IA-5						Note 2
Brisbane/YBBB	M	LDD/d	2400 bps	X.25	IA-5						
Brunei/WBSB	S	LDD/d	2400 bps	X.25	IA-5						
Colombo/VCCC	M	LDD/d	9600 bps	X.25	IA-5						
Ho-Chi-Minh/VVTS	S	SAT/a	300 baud	None	IA-5						
Jakarta/WIII	S	SAT/d	2400 bps	X.25	IA-5						Note 2
Kuala Lumpur/WMKK	S	SAT/d	1200 bps	X.25	IA-5						Note 1,2
London/EGGG	M	LDD/d	1200 bps	X.25	IA-5						
Manila/RPLL	S	LDD/d	300 baud	None	ITA-2						
Tokyo/RJAA	M	LDD/d	9600 bps	X.25	IA-5						
<b>SOLOMON IS.</b>											
HONIARA - S/AGGG											
Brisbane/YBBB	S	LDD/d	9600 bps	X.25	IA-5						Internet Gateway
<b>SRI LANKA</b>											
COLOMBO - M/VCCC											
Mumbai/VABB	M	LDD/d	64 kbps	X.25	IA-5						
Male/VRMM	S	LTT	50 baud	None	ITA-2	SAT/d	9600 bps	X.25	IA-5	12/06	Note2
Singapore/WSSS	M	LDD/d	9600 bps	X.25	IA-5						
<b>THAILAND</b>											
BANGKOK - M/VTBB											
Mumbai/VABB	M	SAT/a	64 kbps	X.25	IA-5						
Dhaka/VGZR	S	SAT/d	300 baud	None	IA-5						
Ho-Chi-Minh/VVTS	S	SAT/d	2400 bps	None	IA-5						
Hong Kong/VHHH	M	LDD/d	64 Kbps	X.25	IA-5						
Kuala Lumpur/WMKK	S	SAT/d	2400 bps	X.25	IA-5						ATN link carrying AFTN Traffic
Phnom Penh/VDPP	S	SAT/d	300 baud	None	IA-5						Note 1, 2
Rome/LIII	M	LDD/d	2400 bps	X.25	IA-5						Note 2
Singapore/WSSS	M	LDD/d	9600 bps	X.25	IA-5						Note 2
Vientiane/MLVT	S	SAT/d	300 baud	COP-B	IA-5						
Yangon/VYYY	S	SAT/d	300 baud	COP-B	IA-5						Note 2
<b>TIMOR LESTE</b>											
DILI/WPDL											
Brisbane/YABB	S	LDD/d	9600 bps	X.25	IA-5						Internet Gateway
<b>TONGA</b>											
TONGATAPU - S/NFTF											
Cristchurch/NZCH	S	LDD/d	2400 bps	X.25	IA-5						
<b>TUVALU</b>											
FUNAFUTI - S/NGFU											
Nadi/NFFN	S					LDD/d	2400 bps	None	IA-5	12/05	Dial-up

State/Station	Cat.	CURRENT				PLANNED				Target date of implemen- tation	Remarks
		Type	Signalling Speed	Protocol	Code	Type	Signalling Speed	Protocol	Code		
1	2	3	4	5	6	7	8	9	10	11	12
<b>UNITED STATES</b>											
USA-M/KSLC											
Brisbane/YBBB	M	SAT/d	2400 bps	X.25	IA-5						
Christchurch	S	LDD/d	9600 bps	X.25	IA-5						
Chuuk/PTKK	S	SAT/d	1200 bps	X.25	IA-5						Service to be transferred to internet
Koror/PTRO	S	SAT/d	1200 bps	X.25	IA-5						Service to be transferred to internet
Kosrae/PTSA	S	SAT/d	1200 bps	X.25	IA-5						Service to be transferred to internet
Majuro/PKMJ	S	SAT/d	1200 bps	X.25	IA-5						Service to be transferred to internet
Nadi/NFFN	M	SAT/d	2400 bps	X.25	IA-5						
Pago Pago/NSTU	S	SAT/d	2400 bps	X.25	IA-5						
Ponapei/PTPN	S	SAT/a	1200 bps	X.25	IA-5						Service to be transferred to internet
Tokyo/RJAA	M	LDD/d	9600 bps	X.25	IA-5						Traffic exchanged via AMHS
Yap/PTYA	S	SAT/d	1200 bps	X.25	IA-5						Service to be transferred to internet
<b>VANUATU</b>											
PORT VILA - S/NVVV											
Brisbane/YBBB	S	LDD/d	9600 bps	X.25	IA-5						Internet gateway
<b>VIET NAM</b>											
HANOI-S/VVNB											
Vientiane/MLVT	S	SAT/d	2400 bps	None	IA-5						
Ho-Chi-Minh/VVTS	S	SAT/d	9600 bps	None	IA-5						
Guangzhou/ZGGG	S	SAT/d	2400 bps	None	IA-5						
<b>HO-CHI-MINH - S/VVTS</b>											
Bangkok/VTBB	S	SAT/d	2400 bps	None	IA-5						
Hanoi/VVNB		SAT/d	9600 bps	None	IA-5						
Hong Kong/VHHH	S	SAT/d	2400 bps	None	IA-5						
Singapore/WSSS	S	SAT/a	300 baud	None	IA-5						
<b>WALLIS IS. (FRANCE)</b>											
WALLIS - S/NLWW											
Nadi/NFFN	S					LDD/A	2400 bps	None	IA-5		Current routing via Noumea. Circuit will be implemented when traffic justifies.