

Table CNS 1D

ATS DIRECT SPEECH CIRCUITS PLAN

EXPLANATION OF THE TABLE

Column

- 1 and 2 Circuit terminal stations are listed alphabetically by the Terminal I.
- 3 A — indicates ATS requirement for the establishment of voice communication within 15 seconds.
D — indicates requirements for instantaneous communications.
X — indicates that the circuit is required for network operation.
- 4 Type of service specified:

LTF — landline telephone (landline, cable, UHF, VHF, satellite).
RTF — radiotelephone.
TOLL — requirements to be satisfied using TOLL call via public message toll service.
- 5 Type of circuits; Direct (DIR) or Switched (SW).

D — indicates a direct circuit connecting Terminals I and II.
S — indicates that a direct circuit does not exist and that the connection is established via switching at the switching centre(s) indicated in column 6.
- 6 Location of switching centre(s).
- 7 Status of Implementation. The following codes are used in this column:

I — Required and implemented.
X — Required but implementation status undetermined.
N — Required and target date of implementation established.
- 8 Remarks
- Note 1.— Requirement to be satisfied by direct HF RTF circuit or TOLL services until reliable common carrier service becomes available to provide LTF circuit.*
- Note 2.— Circuit to be implemented when traffic justifies.*
- Note 3.— Existing service TOLL.*
- Note 4.— Inconsistency to be reviewed.*
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ATS requirements for speech communications				Circuit		Status of implementation	Remarks
Terminal I	Terminal II	Type	Service	D/S	To be switched via		
1	2	3	4	5	6	7	8
AMERICAN SAMOA (United States)							
PAGO PAGO APP	ALOFI	A	LTF	DIR			Note 3
	APIA/FALEOLO	A	LTF	DIR			Note 3
	NADI	A	LTF	DIR			
AUSTRALIA							
BRISBANE ACC	AUCKLAND	A	LTF	DIR		07/00	
	BALI	A	LTF	DIR			Note 4
	HONIARA	A	LTF	DIR			
	JAKARTA	A	LTF	DIR			Note 4
	NADI	A	LTF	SW	OAKLAND		
	OAKLAND	A	LTF	DIR			
	PORT MORESBY	A	LTF	DIR			Note 4
	UJUNG PANDANG	A	LTF	DIR			
MELBOURNE	BRISBANE	X	LTF	DIR	NETWORK OPERATION		Note 4
	COLOMBO	A	LTF	DIR			
	DIEGO GARCIA	A	LTF	DIR			
	JAKARTA	A	LTF	SW	BRISBANE		
	JOHANNESBERG	A	LTF	DIR			
	MALE	A	LTF	DIR			
	MAURITIUS	A	LTF	DIR			
PERTH APP	JAKATA ACC	A	LTF	DIR			
BANGLADESH							
DHAKA ACC	AGARTALA	A	LTF	TOLL		X	
	KOLKATA	A	LTF	DIR			Note 3
	GUWAHATI	A	TOLL			X	
	YANGON	A	LTF	DIR			
BRUNEI DARUSSALAM							
BRUNEI ACC	KOTA KINABALU	A	LTF	DIR			
	LABUAN	A	LTF	DIR			
	LIMBANG	A	LTF	DIR			
	MIRI	A	LTF	DIR			
CAMBODIA							
PHNOM PENH ACC	BANGKOK	A	LTF	DIR			
	HO CHI MINH	A	LTF	DIR		I	VSAT
	VIENTIANE	A	LTF	SW	BANGKOK	<12/00	
CHINA							
BEIJING ACC	DALIAN	A	LTF	DIR		I	
	HOHHOT	A	LTF	DIR		I	
	JINAN	A	LTF	DIR		I	
	SHENYANG	A	LTF	DIR		I	
	TAIYUAN	A	LTF	DIR		I	
	ULAANBAATAR	A	LTF	DIR		I	
	ZHENGZHOU	A	LTF	DIR		I	
CHANGSHA ACC	GUANGZHOU	A	LTF	DIR		I	
	GUILIN	A	LTF	DIR		I	
	GUIYANG	A	LTF	DIR		I	
	WUHAN	A	LTF	DIR		I	

ATS requirements for speech communications				Circuit		Status of implementation	Remarks
Terminal I	Terminal II	Type	Service	D/S	To be switched via		
1	2	3	4	5	6	7	8
CHENGDU ACC	NANCHANG	A	LTF	DIR		I	
	GUIYANG	A	LTF	DIR		I	
	KUNMING	A	LTF	DIR		I	
	LANZHOU	A	LTF	DIR		I	
	LHASA	A	LTF	DIR		I	
	WUHAN	A	LTF	DIR		I	
	XI'AN	A	LTF	DIR		I	
DALIAN ACC	BEIJING	A	LTF	DIR		I	
	PYONGYANG	A	LTF	DIR		I	
	QINGDAO	A	LTF	DIR		I	
	SEOUL	A	LTF	DIR		X	
	SHENYANG	A	LTF	DIR		I	
GUANGZHOU ACC	CHANGSHA	A	LTF	DIR		I	
	GUILIN	A	LTF	DIR		I	
	HAIKOU	A	LTF	DIR		I	
	HONG KONG	D	LTF	DIR		I	
	MACAO	A	LTF	DIR		I	
	NANCHANG	A	LTF	DIR		I	
	NANNING	A	LTF	DIR		I	
	SANYA	A	LTF	DIR		I	
	TAIBEI	A	LTF	DIR		X	
	XIAMEN	A	LTF	DIR		I	
	GUILIN ACC	CHANGSHA	A	LTF	DIR		I
GUANGZHOU		A	LTF	DIR		I	
GUIYANG		A	LTF	DIR		I	
NANNING		A	LTF	DIR		I	
GUIYANG ACC	CHANGHSA	A	LTF	DIR		I	
	CHENGDU	A	LTF	DIR		I	
	GUILIN	A	LTF	DIR		I	
	KUNMING	A	LTF	DIR		I	
	NANNING	A	LTF	DIR		I	
HAIKOU ACC	GUANGZHOU	A	LTF	DIR		I	
	HA NOI	A	LTF	DIR		X	
	HONG KONG	A	LTF	DIR		I	
	NANNING	A	LTF	DIR		X	
	SANYA	A	LTF	DIR		I	
HAILAR ACC	CHITA	A	LTF	DIR		I	
	HARBIN	A	LTF	DIR		I	
	SHENYANG	A	LTF	DIR		I	
HARBIN ACC	KHABAROVSK	A	LTF	DIR		I	
	HAILAR	A	LTF	DIR		I	
	SHENYANG	A	LTF	DIR		I	
	VLADIVOSTOK	A	LTF	DIR		I	
HEFEI ACC	JINAN	A	LTF	DIR		I	
	NANCHANG	A	LTF	DIR		I	
	SHANGHAI	A	LTF	DIR		I	
	ZHENGZHOU	A	LTF	DIR		I	
	WUHAN	A	LTF	DIR		I	
HOHHOT ACC	BEIJING	A	LTF	DIR		I	
	LANZHOU	A	LTF	DIR		I	
	TAIYUAN	A	LTF	DIR		I	
	ULAANBAATAR	A	LTF	DIR		I	

ATS requirements for speech communications				Circuit		Status of implementation	Remarks
Terminal I	Terminal II	Type	Service	D/S	To be switched via		
1	2	3	4	5	6	7	8
JINAN ACC	BEIJING	A	LTF	DIR		I	
	HEFEI	A	LTF	DIR		I	
	QINGDAO	A	LTF	DIR		I	
	SHANGHAI	A	LTF	DIR		I	
	TAIYUAN	A	LTF	DIR		I	
	ZHENGZHOU	A	LTF	DIR		I	
KUNMING ACC	CHENGDU	A	LTF	DIR		I	
	GUIYANG	A	LTF	DIR		I	
	HA NOI	A	LTF	DIR		X	
	NANNING	A	LTF	DIR		I	
	VIENTIANE	A	LTF	DIR		I	
	YANGON	A	LTF	DIR		I	
LANZHOU ACC	CHENGDU	A	LTF	DIR		I	
	HOHHOT	A	LTF	DIR		I	
	LHASA	A	LTF	DIR		I	
	ULAANBAATAR	A	LTF	DIR		I	
	URUMQI	A	LTF	DIR		I	
	XI'AN	A	LTF	DIR		I	
LHASA	CHENGDU	A	LTF	DIR		I	
	KATHMANDU	A	LTF	DIR		I	
	LANZHOU	A	LTF	DIR		I	
	URUMQI	A	LTF	DIR		I	
NANCHANG ACC	CHANGSHA	A	LTF	DIR		I	
	GUANGZHOU	A	LTF	DIR		I	
	HEFEI	A	LTF	DIR		I	
	WUHAN	A	LTF	DIR		I	
	XIAMEN	A	LTF	DIR		I	
NANNING	GUANGZHOU	A	LTF	DIR		I	
	GUILIN	A	LTF	DIR		I	
	GUIYANG	A	LTF	DIR		I	
	HAIKOU	A	LTF	DIR		I	
	HA NOI	A	LTF	DIR		X	Note 3
	KUNMING	A	LTF	DIR		I	
QINGDAO ACC	DALIAN	A	LTF	DIR		I	
	JINAN	A	LTF	DIR		I	
	SHANGHAI	A	LTF	DIR		I	
	TAEGU	A	LTF	DIR		I	
SANYA ACC	GUANGZHOU	A	LTF	DIR		I	
	HAIKOU	A	LTF	DIR		I	
	HA NOI	A	LTF	DIR		10/01	
	HO CHI MINH	A	LTF	DIR		10/01	
	HONG KONG	A	LTF	DIR		10/01	
	MANILA	A	LTF	DIR		10/01	
SHANGHAI ACC	FUKUOKA	A	LTF	DIR		I	
	HEFEI	A	LTF	DIR		I	
	JINAN	A	LTF	DIR		I	
	NANCHANG	A	LTF	DIR		I	
	NAHA	A	LTF	DIR		X	Note 2, 4
	QINGDAO	A	LTF	DIR		I	
	TAEGU	A	LTF	DIR		X	
	TAIBEI	A	LTF	DIR		X	
	XIAMEN	A	LTF	DIR		I	

ATS requirements for speech communications				Circuit		Status of implementation	Remarks
Terminal I	Terminal II	Type	Service	D/S	To be switched via		
1	2	3	4	5	6	7	8
SHENYANG ACC	BEIJING	A	LTF	DIR		I	
	DALIAN	A	LTF	DIR		I	
	HAILAR	A	LTF	DIR		I	
	HARBIN	A	LTF	DIR		I	
	PYONGYANG	A	LTF	DIR		I	
	VLADIVOSTOK	A	LTF	DIR		I	
SHENZHEN	HONGKONG	A	LTF	DIR		I	
	MACAO	A	LTF	DIR		I	
TAIBEI ACC	GUANGZHOU	A	LTF	DIR		X	
	HONG KONG	D	LTF	DIR		I	
	MANILA	A	LTF	DIR		I	
	NAHA	D	LTF	DIR		I	
	SHANGHAI	A	LTF	DIR		X	
	TAEGU	A	LTF	DIR		I	
	XIAMEN	A	LTF	DIR		X	
TAIYUAN ACC	BEIJING	A	LTF	DIR		I	
	HOHHOT	A	LTF	DIR		I	
	JINAN	A	LTF	DIR		I	
	XI'AN	A	LTF	DIR		I	
	ZHENGZHOU	A	LTF	DIR		I	
URUMQI ACC	ALMA-ATA	A	RTF	DIR		I	
	BARNUAL	A	RTF	DIR		I	
	BISHEKEK	A	RTF	DIR		I	
	KHOVD	A	RTF	DIR		I	
	LAHORE	A	LTF	DIR		I	
	LANZHOU	A	LTF	DIR		I	
	RAWALPIND	A	LTF	DIR		I	
	ULAANBAATAR	A	LTF	DIR		X	
WUHAN ACC	CHANGSHA	A	LTF	DIR		I	
	CHENGDU	A	LTF	DIR		I	
	HEFEI	A	LTF	DIR		I	
	NANCHANG	A	LTF	DIR		I	
	ZHENGZHOU	A	LTF	DIR		I	
XIAMEN ACC	GUANGZHOU	A	LTF	DIR		I	
	NANCHANG	A	LTF	DIR		I	
	SHANGHAI	A	LTF	DIR		I	
	TAIBEI	A	LTF	DIR		X	
XI'AN ACC	CHENGDU	A	LTF	DIR		I	
	LANZHOU	A	LTF	DIR		I	
	TAIYUAN	A	LTF	DIR		I	
	ZHENGZHOU	A	LTF	DIR		I	
ZHENGZHOU ACC	BEIJING	A	LTF	DIR		I	
	JINAN	A	LTF	DIR		I	
	TAIYUAN	A	LTF	DIR		I	
	WUHAN	A	LTF	DIR		I	
	XI'AN	A	LTF	DIR		I	
ZHUHAI APP	HONG KONG	A	LTF	DIR		I	
	MACAO	A	LTF	DIR		I	
COOK IS.							
RAROTONGA	AUCKLAND	A	LTF	DIR			Note 4
	TAHITI/PAPEETE	A	LTF	DIR			Note 3, 4
DEMOCRATIC PEOPLE'S							

ATS requirements for speech communications				Circuit		Status of implementation	Remarks
Terminal I	Terminal II	Type	Service	D/S	To be switched via		
1	2	3	4	5	6	7	8
REPUBLIC OF KOREA							
	DALIAN	A	LTF	DIR		I	
	SHENYANG	A	LTF	DIR		I	
	TAEGU	A	LTF	DIR		I	
	VLADIVOSTOK	A	LTF	DIR		I	RTF
FIJI							
NADI ACC	ALOFI	A	LTF	DIR			Note 3
	APIA	A	LTF	DIR			Note 3
	AUCKLAND	A	LTF	DIR			
	BRISBANE	A	LTF	SW	AUCKLAND		Note 4
	HONIARA	A	LTF	SW	SYDNEY		
	NOUMEA	A	LTF	DIR			Note 3
	OAKLAND	A	LTF	DIR			Note 3
	PAGO PAGO	A	LTF	DIR			Note 3
	PORT VILA	A	LTF	DIR			
	VAVA'U	A	LTF	DIR			Note 3
	WALLIS	A	LTF	DIR			Note 3
FRENCH POLYNESIA (France)							
TAHITI/PAPEETE ACC	AUCKLAND	A	TOLL				
	ISLA DE PASCUA	A	LTF	DIR			Note 3
	OAKLAND	A	LTF	DIR			Note 3
	RAROTONGA	A	LTF	DIR			
GUAM (United States)							
GUAM I.	MOEN	A	LTF	DIR			Note 3
	YAP	A	LTF	DIR			Note 3
HONG KONG, China							
HONG KONG ACC	GUANGZHOU	D	LTF	DIR		I	
	MACAO	D	LTF	DIR		I	
	MANILA	A	LTF	DIR		I	
	SANYA	A	LTF	DIR		10/01	
	SHANTOU	A	LTF	DIR		I	
	SHENZHEN	A	LTF	DIR		I	
	TAIBEI	D	LTF	DIR		I	
	ZHUHAI	A	LTF	DIR		I	
INDIA							
AGARTALA APP	KOLKATA	A	LTF	DIR			
	DHAKA	A	TOLL			X	
AHMEDABAD APP	MUMBAI	A	LTF	DIR		I	
	KARACHI	A	LTF	DIR		I	
AMRITSAR APP	DELHI	A	LTF	DIR		I	
	LAHORE	A	LTF	DIR		I	Note 3

ATS requirements for speech communications				Circuit		Status of implementation	Remarks
Terminal I	Terminal II	Type	Service	D/S	To be switched via		
1	2	3	4	5	6	7	8
KOLKATA ACC	AGARTALA	A	LTF	DIR			
	MUMBAI	A	LTF	DIR			
	DHAKA	A	LTF	DIR			Note 3
	DELHI	A	LTF	DIR			
	GUWAHATI	A	LTF	DIR			
	KATHMANDU	A	LTF	DIR			Note 3
	CHENNAI	A	LTF	DIR			
	NAGPUR	A	LTF	DIR			
	VARANASI	A	LTF	DIR			
	YANGON	A	LTF	DIR			
CHENNAI ACC	MUMBAI	A	LTF	DIR			
	KOLKATA	A	LTF	DIR			
	COLOMBO	A	LTF	DIR			
	KUALA LUMPUR	A	LTF	DIR			
	MEDAN	A	LTF	DIR		X	Note 3
	TIRUCHCHIRAPPALLI	A	LTF	DIR			
	TRIVANDRUM	A	LTF	DIR			Note 3
	YANGON	A	TOLL				
DELHI ACC	AMRITSAR	A	LTF	DIR			
	MUMBAI	A	LTF	DIR			
	KOLKATA	A	LTF	DIR			
	KARACHI	A	LTF	DIR			
	KATHMANDU	A	TOLL	DIR			Note 3
	LAHORE	A	LTF	DIR			
	VARANASI	A	LTF	DIR			
GUWAHATI	KOLKATA		LTF	DIR			
	DHAKA		TOLL			X	Note 3
MUMBAI ACC	AHMEDABAD	A	LTF	DIR			
	KOLKATA	A	LTF	DIR			
	DELHI	A	LTF	DIR			
	KARACHI	A	LTF	DIR			
	CHENNAI	A	LTF	DIR			
	MALE	A	TOLL				
	MAURITIUS	A	TOLL				Note 2
	MOGADISHU	A	TOLL				Note 2
	MUSCAT/SEEB	A	LTF	DIR			
	NAGPUR	A	LTF	DIR			
SEYCHELLES	A	LTF	DIR			Note 2	
NAGPUR APP	MUMBAI	A	LTF	DIR			
	KOLKATA	A	LTF	DIR			
TIRUCHCHIRAPPALLI APP	CHENNAI	A	LTF	DIR			
TRIVANDRUM ACC	CALICUT	A	LTF	DIR			
	COLOMBO	A	TOLL				Note 3
	CHENNAI	A	LTF	DIR			
	MALE	A	LTF	DIR			Note 3
VARANASI ACC	KOLKATA	A	LTF	DIR			
	DELHI	A	LTF	DIR			
	KATHMANDU	A	LTF	DIR		X	Note 3

ATS requirements for speech communications				Circuit		Status of implementation	Remarks
Terminal I	Terminal II	Type	Service	D/S	To be switched via		
1	2	3	4	5	6	7	8
INDONESIA							
BALI ACC	BRISBANE	A	LTF	DIR			Note 3, 4
	JAKARTA	A	LTF	DIR			
	KUPANG	A	LTF	DIR			
	MANADO	A	LTF	DIR			
	SURABAYA	A	LTF	DIR			
	UJUNG PANDANG	A	LTF	DIR			
BATAM TWR	JAKARTA	A	LTF	DIR			
	SINGAPORE	D	LTF	DIR			
	TANJUNG PINANG	D	LTF	DIR			
BIAK APP	DARWIN	A	LTF	DIR			Note 3
	JAYAPURA	A	LTF	DIR			
	MANILA	A	LTF	DIR			
	OAKLAND	A	LTF	DIR			
	UJUNG PANDANG	A	LTF	DIR			
JAKARTA ACC	BALI	A	LTF	DIR			
	BATAM	A	LTF	DIR			
	KOTA KINABALU	A	LTF	SW	SINGAPORE		
	KUALA LUMPUR	A	LTF	SW	SINGAPORE		
	MANILA	A	LTF	DIR			
	MEDAN	A	LTF	DIR			
	PADANG	A	LTF	DIR			
	PEKAN BARU	X	LTF	DIR			
	PERTH	A	LTF	DIR			
	PONTIANAK	A	LTF	DIR			
	RANAI	A	LTF	DIR			
	SINGAPORE	A	LTF	DIR			
	SYDNEY	X	LTF	DIR			
	TANJUNG PINANG	A	LTF	DIR			
	UJUNG PANDANG	A	LTF	DIR			
JAYAPURA APP	BIAK	A	LTF	DIR			Note 3
	PORT MORESBY	A	LTF	DIR			
	VANIMO	A	LTF	DIR			
KUPANG APP	BALI	A	LTF	DIR			Note 3
	DARWIN	A	LTF	DIR			
MANADO	BALI	A	LTF	DIR			Note 3
	UJUNG PANDANG	A	LTF	DIR			
MEDAN ACC	COLOMBO	A	LTF	DIR			Note 3
	JAKARTA	A	LTF	DIR			
	KUALA LUMPUR	A	LTF	DIR			
	CHENNAI	A	LTF	DIR			
	PADANG	A	LTF	DIR			
SINGAPORE	A	LTF	SW	JAKARTA			Note 2
PADANG	JAKARTA	A	LTF	DIR			Note 2
	MEDAN	A	LTF	DIR			
	PEKAN BARU	A	LTF	DIR			
PEKAN BARU APP	JAKARTA	X	LTF	DIR			Note 2
	KUALA LUMPUR	A	LTF	DIR			
	MALACCA	A	LTF	DIR			
	MEDAN	A	LTF	DIR			
	SINGAPORE	A	LTF	DIR			

ATS requirements for speech communications				Circuit		Status of implementation	Remarks
Terminal I	Terminal II	Type	Service	D/S	To be switched via		
1	2	3	4	5	6	7	8
PONTIANAK TWR	JAKARTA	A	LTF	DIR			
	KUCHING	A	RTF	DIR			
	RANAI	A	LTF	DIR			
	SINGAPORE	A	LTF	DIR			
	TANJUNG PINANG	A	LTF	DIR			
RANAI	JAKARTA	A	LTF	DIR			
	KUCHING	A	LTF	DIR			
	PONTIANAK	A	LTF	DIR			
SURABAYA	BALI	A	LTF	DIR			
TANJUNG PINANG	BATAM	D	LTF	DIR			Note 2
	JAKARTA	A	LTF	DIR			
	PONTIANAK	A	LTF	DIR			
	SINGAPORE	D	LTF	DIR			
UJUNG PANDANG	BALI	D	LTF	DIR			Note 4
	BIAK	A	LTF	DIR			Note 4
	BRISBANE	A	LTF	DIR			Note 3, 4
	JAKARTA	A	LTF	DIR			
	KOTA KINBALU	A	LTF	DIR			
	MANADO	A	LTF	DIR			
	MANILA	A	LTF	SW	JAKARTA		
	PORT MORESBY	A	LTF	SW	JAKARTA, SYDNEY		Note 3, 4
OAKLAND	A	LTF	DIR			Note 3	
JAPAN							
FUKUOKA ACC	TAEGU	A	LTF	DIR			
	SHANGHAI	A	LTF	DIR			
NAHA ACC	MANILA	A	LTF	DIR			
	OAKLAND	A	LTF	DIR			
	SHANGHAI	A	LTF	DIR			Note 2, 4
	TAEGU	A	LTF	DIR			
	TAIBEI	A	LTF	DIR			
SAPPORO ACC	KHABAROVSK	D	LTF	DIR			
	VLADIVOSTOK	A	LTF	DIR			Note 2
	YUZHNO	A	LTF	DIR			
	SAKHALINSK						
TOKYO ACC	ANCHORAGE	A	LTF	SW	OAKLAND		
	ANCHORAGE	D	LTF	DIR			
	OAKLAND	A	LTF	DIR			
	TAEGU	A	LTF	DIR			
JOHNSTON I. (United States)							
JOHNSTON I. TWR	OAKLAND	A	LTF	DIR			Note 3
KIRIBATI							
TARAWA	OAKLAND	A	LTF	DIR			Note 3
KIRITIMATI I.	OAKLAND	A	LTF	DIR			Note 3

ATS requirements for speech communications				Circuit		Status of implementation	Remarks
Terminal I	Terminal II	Type	Service	D/S	To be switched via		
1	2	3	4	5	6	7	8
LAO PEOPLE'S DEMOCRATIC REPUBLIC							
VIENTIANE FIC	BANGKOK	A	LTF	DIR		I	
	HA NOI	A	LTF	DIR		I	
	HO CHI MINH	A	LTF	DIR		I	
	KUNMING	A	LTF	DIR		I	
	PHNOM PENH	A	LTF	SW	BANGKOK		
	YANGON	A	LTF	SW	BANGKOK		
MACAO, China							
MACAO	SHENZHEN	A	LTF	DIR		I	
	HONG KONG	D	LTF	DIR			
	ZHUHAI	A	LTF	DIR		I	
MALAYSIA							
JOHOR BAHRU APP	SINGAPORE	D	LTF	DIR			
	KUALA LUMPUR	A	LTF	DIR			
KOTA KINABALU ACC	BRUNEI	A	LTF	DIR			
	JAKARTA	A	LTF	SW	SINGAPORE		
	KUALA LUMPUR	A	LTF	DIR			
	KUCHING	A	LTF	DIR			
	MANILA	A	LTF	DIR			
	MIRI	A	LTF	DIR			
	SINGAPORE	A	LTF	DIR			
	TAWAU	A	LTF	DIR			
	UJUNG PANDANG	A	LTF	DIR			
KUALA LUMPUR ACC	BANGKOK	A	LTF	DIR			VSAT
	HO CHI MINH	A	LTF	DIR		12/00	VSAT
	JAKARTA	A	LTF	SW	SINGAPORE		
	JOHOR BAHRU	A	LTF	DIR			
	KUANTAN	A	LTF	DIR			
	KOTA KINABALU	A	LTF	DIR			
	CHENNAI	A	LTF	DIR			
	MALACCA	A	LTF	DIR			
	MEDAN	A	LTF	DIR			VSAT
	PEKAN BARU	A	LTF	DIR			
	SINGAPORE	D	LTF	DIR			VSAT
KUANTAN APP	SINGAPORE	A	LTF	DIR			
	KUALA LUMPUR	A	LTF	DIR			
KUCHING APP	KOTA KINABALU	A	LTF	DIR			
	PONTIANAK	A	LTF	DIR			RTF
	RANAI	A	LTF	DIR			
	SINGAPORE	A	LTF	DIR			
LABUAN	BRUNEI	A	LTF	DIR			
LIMBANG	BRUNEI	A	LTF	DIR			
MALACCA APP	KUALA LUMPUR	A	LTF	DIR			
	PEKAN BARU	A	LTF	DIR			
MIRI	BRUNEI	A	LTF	DIR			
	KOTA KINABALU	D	LTF	DIR			
TAWAU APP	KOTA KINABALU	A	LTF	DIR			

ATS requirements for speech communications				Circuit		Status of implementation	Remarks
Terminal I	Terminal II	Type	Service	D/S	To be switched via		
1	2	3	4	5	6	7	8
MALDIVES							
MALE FIC	COLOMBO	A	LTF	DIR			Note 3
	MUMBAI	A	TOLL				
	CHENNAI	A	LTF	DIR			Note 3
	MAURITIUS	A	LTF	DIR			Note 3
	MELBOURNE	A	LTF	DIR			Note 3, 4
	TRIVANDRUM	A	LTF	DIR			Note 3
MARSHALL IS.							
MAJURO APP	OAKLAND	A	LTF	DIR			Note 3
KWAJALEIN APP	OAKLAND	A	LTF	DIR			Note 3
MICRONESIA, FEDERATED STATES OF							
KOSRAE APP	OAKLAND	A	LTF	DIR			Note 3
MOEN APP	GUAM I.	A	LTF	DIR			Note 3
	OAKLAND	A	LTF	DIR			Note 3
POHNPEI APP	OAKLAND	A	LTF	DIR			Note 3
YAP APP	GUAM I.	A	LTF	DIR			Note 3
	OAKLAND	A	LTF	DIR			Note 3
MONGOLIA							
ULAANBAATAR ACC	ABAKAN	A	LTF	DIR			
	BARNAUL	A	LTF	DIR			
	BEIJING	A	LTF	DIR			
	HUHHOT	A	LTF	DIR			
	IRKUTSK	A	LTF	DIR			
	KYZYL	A	LTF	DIR			
	LANZHOU	A	LTF	DIR			
	MUREN	A	LTF	DIR			
	URUMQI	A	LTF	DIR			
MYANMAR							
YANGON ACC	BANGKOK	A	LTF	DIR			
	KOLKATA	A	LTF	DIR			
	DHAKA	A	LTF	DIR			
	KUNMING	A	LTF	DIR			
	CHENNAI	A	TOLL				
	VIENTIANE	A	LTF	SW	BANGKOK		
NAURU							
NAURU FIC	HONIARA	A	LTF	SW	SYDNEY		Note 3
	NADI	A	LTF	DIR			
	PORT MORESBY	A	LTF	SW	SYDNEY		Note 4
NEPAL							
KATHMANDU	KOLKATA	A	LTF	DIR			Note 3
	DELHI	A	TOLL				
	LASHA	A	LTF	DIR			
	VARANASI	A	LTF	DIR			Note 3

ATS requirements for speech communications				Circuit		Status of implementation	Remarks
Terminal I	Terminal II	Type	Service	D/S	To be switched via		
1	2	3	4	5	6	7	8
NEW CALEDONIA (France)							
NOUMEA/LA TONTOUTA APP	HONIARA	A	LTF	SW	SYDNEY, NADI		Note 4
	NADI	A	LTF	DIR	NADI		
	PORT VILA	A	LTF	SW			
NEW ZEALAND							
AUCKLAND	ALOFI	A	TOLL	DIR			Note 3
	CHRISTCHURCH	A	LTF	DIR			
	ISLA DE PASCUA	A	TOLL	DIR			Note 3
	NADI	A	LTF	DIR			
	OAKLAND	A	TOLL	DIR			
	RAROTONGA	A	TOLL	DIR			
	BRISBANE	A	LTF	DIR			Note 3
	TAHITI/PAPEETE	A	TOLL	DIR			07/2000 Note 4
NIUE (New Zealand)							
ALOFI APP	AUCKLAND	A	TOLL	DIR			Note 3
	NADI	A	LTF	DIR			Note 3
	PAGO PAGO	A	LTF	DIR			Note 3
NORTHERN MARIANA IS. (United States)							
SAIPAN APP	OAKLAND	A	LTF	DIR			Note 2
PAKISTAN							
KARACHI ACC	AHMEDABAD	A	LTF	SW	MUMBAI		Note 3
	MUMBAI	A	LTF	DIR			Note 3
	DELHI	A	LTF	DIR		I	
	KABUL	A	LTF	DIR			
	MUSCAT	A	LTF	DIR			Note 3
	TEHRAN	A	LTF	DIR			Note 3
LAHORE ACC	AMRITSAR	A	LTF	DIR			Note 3
	DELHI	A	LTF	DIR			Note 3
	DUSHANBE	A	LTF	DIR			Note 3
	KABUL	A	LTF	DIR		12/2000	
	URUMQI	A	LTF	DIR			Note 2
PAPUA NEW GUINEA							
PORT MORESBY ACC	BRISBANE	A	LTF	DIR			
	CAIRNS	A	LTF	DIR			Note 4
	HONIARA	A	LTF	DIR			Note 3
	JAYAPURA	A	LTF	DIR			
	OAKLAND	A	LTF	DIR			Note 3
	UJUNG PANDANG	A	LTF	SW	SYDNEY, JAKARTA		Note 3
PHILIPPINES							
DAVAO APP	MACTAN	A	LTF	DIR		I	
	MANILA	A	LTF	DIR		I	
LAOAG APP	MANILA	A	LTF	DIR		I	
MACTAN APP	DAVAO	A	LTF	DIR		I	
	MANILA	A	LTF	DIR		I	
	ZAMBOANGA	A	LTF	DIR		I	

ATS requirements for speech communications				Circuit		Status of implementation	Remarks
Terminal I	Terminal II	Type	Service	D/S	To be switched via		
1	2	3	4	5	6	7	8
MANILA ACC	BIAK	A	LTF	SW	JAKARTA	X	Note 2
	DAVAO	A	LTF	DIR		I	
	HO CHI MINH	A	LTF	DIR		I	
	HONG KONG	A	LTF	DIR		I	
	KOTA KINABALU	A	LTF	DIR		I	Note 2
	JAKARTA	A	LTF	DIR		X	Note 2
	LAOAG	A	LTF	DIR		I	
	MACTAN	A	LTF	DIR		I	
	NAHA	A	LTF	DIR		I	
	OAKLAND	A	LTF	DIR		I	
	SANYA	A	LTF	DIR		10/01	
	SINGAPORE	A	LTF	DIR		I	
	SUBIC BAY	A	LTF	DIR		I	
	TAIBEI	A	LTF	DIR		I	
UJUNG PANDANG	A	LTF	SW	JAKARTA		I	
SUBIC BAY APP	MANILA	A	LTF	DIR		I	
REPUBLIC OF KOREA							
DAEGU ACC	DALIAN	A	LTF	DIR			
	FUKUOKA	D	LTF	DIR			
	GIMHAE	A	LTF	DIR			
	INCHEON						
	JEJU	A	LTF	DIR			
	NAHA	A	LTF	DIR			
	PYONGYANG	A	LTF	DIR			
	QINGDAO	A	LTF	DIR			
	SHANGHAI	A	LTF	DIR			
	TAIBEI	A	LTF	DIR			
TOKYO	A	LTF	DIR				
GIMHAE	DAEGU	A	LTF	DIR			
INCHEON ACC	DALIAN	D	LTF	DIR			
	FUKUOKA	D	LTF	DIR			
	NAHA	D	LTF	DIR			
	PYONGYANG	D	LTF	DIR			
	QINGDAO	D	LTF	DIR			
	SHANGHAI	A	LTF	DIR			
	TOKYO	D	LTF	DIR			
JEJU APP	DAEGU	D	LTF	DIR			Note 3
SAMOA							
APIA/FALEOLO	AUCKLAND	A	LTF	DIR			
	PAGO PAGO	A	LTF	DIR			
	NADI	A	LTF	DIR			
	TONGATAPU	A	LTF	DIR			
SINGAPORE							
SINGAPORE ACC	BANGKOK	A	LTF	DIR			
	BATAM	D	LTF	DIR			
	HO CHI MINH	A	LTF	DIR			
	JAKARTA	A	LTF	DIR			
	JOHOR BAHRU	D	LTF	DIR			
	KOTA KINABALU	A	LTF	DIR			
	KUALA LUMPUR	D	LTF	DIR			
	KUANTAN	A	LTF	DIR			
	KUCHING	A	LTF	DIR			
	MANILA	A	LTF	DIR			
	MEDAN	A	LTF	SW	JAKARTA		
PEKAN BARU	A	LTF	DIR				

ATS requirements for speech communications				Circuit		Status of implementation	Remarks
Terminal I	Terminal II	Type	Service	D/S	To be switched via		
1	2	3	4	5	6	7	8
SOLOMON IS.	PONTIANAK	A	LTF	DIR			
	TANJUNG PINANG	D	LTF	DIR			
HONIARA ACC	BRISBANE	A	LTF	DIR			
	NADI	A	LTF	SW	SYDNEY		
	NAURU	A	LTF	SW	SYDNEY		
	NOUMEA	A	LTF	SW	SYDNEY, NADI		
	OAKLAND	A	LTF	SW			Note 3, 4
	PORT MORESBY	A	LTF	DIR			
SRI LANKA	BRISBANE	A	LTF	DIR			Note 1, 4
	CHENNAI	A	LTF	DIR			Note 3
	MALE	A	LTF	DIR			Note 1
	MEDAN	A	LTF	DIR			Note 3
	TRIVANDRUM	A	LTF	DIR			
THAILAND	HA NOI	A	LTF	DIR		I	
	HO CHI MINH	A	LTF	DIR		I	
	KUALA LUMPUR	A	LTF	DIR		I	
	PHNOM PENH	A	LTF	DIR			
	SINGAPORE	A	LTF	DIR		I	Note 3
	VIENTIANE	A	LTF	DIR		I	
	YANGON	A	LTF	DIR		I	Note 3
TONGA	AUCKLAND	A	LTF	DIR			
	NADI	A	LTF	DIR			
	VAVA'U	A	LTF	DIR			
TUVALU	FUNAFUTI APP	NADI					
UNITED STATES	ANCHORAGE ACC	ANADYR	A	LTF	DIR		
		MAGADAN	A	LTF	DIR		
		OAKLAND	A	LTF	DIR		
		TOKYO	A	LTF	SW	OAKLAND	
		TOKYO	D	LTF	DIR		
		VANCOUVER	A	LTF	DIR		
		PETROPAVLOVSK-KAMCHATSKY	A	LTF	DIR		
		VANCOUVER	D	LTF	DIR		
OAKLAND	AUCKLAND	A	TOLL	DIR			
	BIAK	A	LTF	DIR			
	BRISBANE	A	LTF	DIR			
	KIRITIMATI I. TWR	A	LTF	DIR			
	GUAM I.	A	LTF	DIR			
	HONIARA	A	LTF	DIR			
	JOHNSTON I. TWR	A	LTF	DIR			
	KOROR	A	LTF	DIR			
	KOSRAE	A	LTF	DIR			
	KAWJALEIN	A	LTF	DIR			
MAJURO ATOLL	A	LTF	DIR				

ATS requirements for speech communications				Circuit		Status of implementation	Remarks
Terminal I	Terminal II	Type	Service	D/S	To be switched via		
1	2	3	4	5	6	7	8
	MANILA	A	LTF	DIR			
	MOEN	A	LTF	DIR			
	NADI	A	LTF	DIR			
	NAHA	A	LTF	DIR			
	NAURU	A	LTF	DIR			
	PAGO PAGO APP	A	LTF	DIR			
	POHNPEI	A	LTF	DIR			
	PORT MORESBY	A	LTF	DIR			
	SAIPAN	A	LTF	DIR			
	SAPORO	A	LTF	DIR			
	TAHITI	A	LTF	DIR			
	TARAWA TWR	A	LTF	DIR			
	TOKYO	A	LTF	DIR			
	UJUNG PANDANG	A	LTF	DIR			
	VANCOUVER	D	LTF	DIR			
	YAP	A	LTF	DIR			
VANUATU							
PORT VILA	NADI	A	LTF	DIR	NADI		
	NOUMEA	A	LTF	SW			
VIET NAM							
HA NOI ACC	BANGKOK	A	LTF	DIR		I	
	NANNING	A	LTF	DIR		X	Note 3
	HO CHI MINH	A	LTF	DIR		I	
	KUNMING	A	LTF	DIR		X	
	SANYA	A	LTF	DIR		10/01	
	VIENTIANE	A	LTF	DIR		I	
HO CHI MINH ACC	BANGKOK	A	LTF	DIR		I	
	HA NOI	A	LTF	DIR		I	
	HONG KONG	A	LTF	DIR		I	
	KUALA LUMPUR	A	LTF	DIR		12/00	VSAT
	MANILA	A	LTF	DIR		I	
	PHNOM PENH	A	LTF	DIR		I	
	SANYA	A	LTF	DIR		10/01	
	SINGAPORE	A	LTF	DIR		I	
	VIENTIANE	A	LTF	DIR		I	
WALLIS AND FUTUNA IS. (France)							
WALLIS	NADI	A	LTF	DIR			Note 3