



International Civil Aviation Organization and the Directorate General of Air Communication, Indonesia

SIXTH MEETING OF AERONAUTICAL TELECOMMUNICATION NETWORK (ATN) TRANSITION TASK FORCE OF APANPIRG



Bali, Indonesia, 26-30 April 2004

Agenda Item: 7 Review status of implementation of AFTN circuits, evaluated circuit capacity and consider timescale for transition to ATN

THE ALTERATION OF LOCATION INDICATORS RELATED TO THE NEW AFTN CIRCUIT WITHIN JAKARTA AND UJUNG PANDANG COMMUNICATION CENTERS

(Presented by Indonesia)

SUMMARY

This Information Paper highlights the alteration of location indicators in conjunction with the new AFTN circuit caused by re-updating Jakarta and Ujung Pandang Communication Centers.

1. INTRODUCTION

- 1.1 Presently Indonesia has three Communication Centers, namely Jakarta Communication Center located in Jakarta (WIII), Denpasar Communication Center located in Denpasar (WRRR) and Ujung Pandang Communication Center located in Ujung Pandang (WAAA).
- 1.2 For the time being Indonesia is impetuous of drawing up a period of transition to the 2 (two) ATS centers in Jakarta and Ujung Pandang
- 1.3 This information Paper provides the progress of our alteration of location indicators in conjunction with the new AFTN circuit caused by re-updating two communication centers in Jakarta and Ujung Pandang which will be implemented on 29 September 2004.

2. CONSIDERATION OF COMMUNICATION OPERATIONAL PLAN

- 2.1 Restructuring of Indonesia airspace will be finished by the year 2004, where which initially consists of 4 (four) ACCs and 4 (four) FIRs will become 2 (two) ACCs and 2 (two) FIRs.
- 2.1.1 With existence of changing division of the Indonesia airspace structure, AFTN Communication Center becoming into 2 (two) Communication Centers, namely Jakarta Communication Center and Ujung Pandang Communication Center which have 21 Sub Communication Centers (in this case Denpasar Communication Center negated and will become one of the Sub Communication Centers of Ujung Pandang).

- 2.1.2 By the new AFTN circuit, there are 32 Tributary Station using TTY, other wise 227 stations also acting as Tributary Stations using voice communication (using SSB frequency radio communication) for ground to ground purpose .
- 2.1.3 All AFTN addressees/ location indicators which in this time domicile as Sub Center and / or Tributary Station of Denpasar Communication Center (WRRR) will be changed as Tributary Stations of Ujung Pandang Communication Center (WAAA), while WRRR location indicator/AFTN addressing will be referred as AFTN of the Directorate General of Air Communication addressing which is located in JAKARTA DGAC HEAD QUARTER.
- 2.1.4 Aeronautical Information Circular Number 01 (AIC No.01) was published on 1 April 2004.
- 2.1.5 Changes of AFTN addressing circuit related to the new location indicators shall be as follows : **see attachment A and B**

3. ACTION BY THE MEETING

- 3.1 The meeting is invited to note the new location indicators in connection with the new Communication Centers of Jakarta (WIII) and Ujung Pandang (WAAA) .

*THE ALTERATION OF LOCATION INDICATORS RELATED TO
THE NEW AFTN ADDRESSING CIRCUIT
WITHIN JAKARTA AND UJUNG PANDANG COMMUNICATION CENTERS*

**(Changing of Location Indicators caused by Denpasar Communication Center
negated and will become Sub Center of Ujung Pandang Communication Center)**

NO	ADDRESSES	FORMERLY LOC.INDIC.	PROPOSED LOC.INDIC.	COORDINATE (ARP)
I	JAKARTA CITY / JAKARTA DGAC HEAD QUARTER	WIIX	WRRR	06° 10' 27" S-103° 49' 18" E
II.	JAKARTA / SOEKARNO HATTA (COMM CENTER)	WIII	NO CHANGE	06° 07' 25" S-106° 39' 40" E
	1. JAKARTA SECTOR (ACC / FIC)	WIIZ	NO CHANGE	06° 07' 25" S-106° 39' 40" E
WI – WESTERN PART				
1.	1. BANDUNG / HUSEIN SASTRANEGARA	WIIB	WIAA	06° 54' 07" S-107° 34' 34" E
	2. TANGERANG / BUDIARTO	WIIA	WIA B	06° 17' 37" S-106° 34' 06" E
	3. CIREBON / PENGUNG	WIIC *	WIA C *	06° 45' 22" S-108° 32' 18" E
	4. MENGGALA / ASTRAKESTRA	WIA G *	NO CHANGE	04° 36' 00" S- 105°15' 00" E
	5. SEMPLAK / ATANG SANJAYA	WIA J *	NO CHANGE	06° 33' 00" S-106° 46' 00" E
	6. MARGAHAYU / SULAIMAN	WIA K *	NO CHANGE	06° 58' 57" S-107° 34' 21" E
	7. TASIKMALAYA / CIBEUREUM	WIA M *	NO CHANGE	RESERVED
	8. PURWOKERTO / WIRASABA	WIA P *	NO CHANGE	07° 27' 00" S-109° 25' 00" E
	9. BANDAR LAMPUNG / RADIN INTEN	WIIT *	WIA T *	05°14' 31" S-105° 10' 32" E
2.	1. PEKANBARU / SULTAN SYARIF KASIM II	WIB B	NO CHANGE	00° 27'18" N-101° 26' 36" E
	2. DUMAI / PINANG KAMPAI	WIB D *	NO CHANGE	01° 33'06" N-101° 12' 15" E
	3. PELALAWAN	WIB L *	NO CHANGE	00° 30'17" N-101° 55' 22" E
	4. SIBOLGA	WIB M	NO CHANGE	01 33.0 N 098 53.0 E
	5. SEMILINANG / PERANAP	WIB P *	NO CHANGE	RESERVED
	6. SIPORA / ROKOT	WIB R *	NO CHANGE	02° 05' 50" S-099° 42' 14" E
	7. BENGKALIS / SUNGAI PAKNING	WIB S *	NO CHANGE	01° 22' 42" N-102° 08'56" E
	8. TANJUNG BALAI / SUNGAI BATI	WIB T *	NO CHANGE	01° 03' 00" N-103° 23'00" E
3.	1. BATAM / HANG NADIM	WIK B	WIDD	01° 07' 07" N-104° 06'50" E
	2. TANJUNG PANDAN / HANANDJOEDDIN	WIK D *	WID B *	02° 44' 42" S-107° 45' 11" E
	3. PASIR PANGARAYAN	WIK E *	WID E *	00° 50' 00" N-100° 22'00" E
	4. PANGKAL PINANG / DEPATI AMIR	WIK K	WID K	02° 09' 45" S-106° 08' 17" E
	5. TANJUNG PINANG / KIJANG	WIK N	WID N	00° 55' 07" N-104° 31'38" E
	6. LUBUK LINGGAU / SILAMPARI	WIK L *	WID L *	03° 17' 23" S-102° 52'10" E
	7. SINGKEP / DABO	WIK S *	WID S *	00° 28' 43" S-104° 34' 39" E
4.	1. JAKARTA / HALIMPERDANA KUSUMA	WIHH	WIHH	06° 16' 03" S-106° 53' 11" E
	2. JAKARTA / PABELOKAN	WIIF *	WIHF *	RESERVED
	3. JAKARTA / PULAU PANJANG	WIIG *	WIHG *	05° 37'06" S-106° 35' 12" E

	4. KALIJATI	W I I K *	W I H K *	RESERVED
	5. CILACAP / TUNGGUL WULUNG	W I I L *	W I H L *	07° 38' 39" S-109° 02' 04" E
	6. JAKARTA / PONDOK CABE	W I I P *	W I H P *	06° 21' 00" S-106° 46' 00" E
	7. JAKARTA / CENTRAL	W I I Q	TO BE DELETED	
	8. PELABUHAN RATU	W I I R *	W I H R *	RESERVED
5.	1. MEDAN / POLONIA	W I M M	NO CHANGE	03° 33'33" N-098° 40' 16" E
	2. LABUHAN BILIK / KAYAMU	W I M A *	NO CHANGE	RESERVED
	3. GUNUNG SITOLI / BINAKA	W I M B *	NO CHANGE	01° 16' 00" N-097° 37'00" E
	4. PADANG SIDEMPUAN / AEK GODANG	W I M E *	NO CHANGE	01° 23' 00" N-099° 27'00" E
	5. PADANG / TABING	W I M G	NO CHANGE	00° 52' 32" S-100° 21' 02" E
	6. KISARAN / TANAH GAMBUS	W I M K *	NO CHANGE	RESERVED
	7. KISARAN / AEK LOBA	W I M L *	NO CHANGE	RESERVED
	8. PRAPAT / SIBISA	W I M P *	NO CHANGE	RESERVED
	9. PEMATANG SIANTAR / GN PAMELA	W I M R *	NO CHANGE	02° 59' 30" N-099° 13' 45" E
	10. SIBOLGA / PINANG SORI	W I M S *	NO CHANGE	01° 33' 19" N-098° 53'30" E
	11. TEBING TINGGI / PABATU	W I M T *	NO CHANGE	RESERVED
	12. MEDAN SECTOR (FSS)	W I M Z	NO CHANGE	03° 33'33" N-098° 40' 16" E
6.	1. PONTIANAK / SUPADIO	W I O O	NO CHANGE	00° 08' 52" S-109° 24' 14" E
	2. BENGKAYANG	W I O B *	NO CHANGE	00° 54' 00" S-109° 31' 00" E
	3. NANGAPINOH	W I O G *	NO CHANGE	00° 21'00" S-111° 47'00" E
	4. PALOH / LIKU	W I O H *	NO CHANGE	01° 42'00" N-109° 18'00" E
	5. SINGKAWANG II	W I O I *	NO CHANGE	01° 05' 03" N-109° 41' 42" E
	6. KETAPANG / RAHADI USMAN	W I O K *	NO CHANGE	00° 51' 00" S-109° 58' 00" E
	7. MATAK	W I O M *	NO CHANGE	03° 36'00" N-106° 42'00" E
	8. NATUNA / RANAI	W I O N *	NO CHANGE	03° 54' 43" N-108° 23'35" E
	9. PUTUSSIBAU / PANGSUMA	W I O P *	NO CHANGE	00° 50' 21" N-112° 56'03" E
	10. SINTANG / SUSILO	W I O S *	NO CHANGE	00° 04' 00" S-111° 29' 00" E
	11. PONTIANAK SECTOR (FSS)	W I O Z	NO CHANGE	00° 08' 52" S-109° 24' 14" E
7.	1. PALEMBANG / SULTAN MAHMUD BADARUDDIN II	W I P P	NO CHANGE	02° 54' 01" S-104° 42' 00" E
	2. JAMBI / SULTAN THAHA	W I P A	NO CHANGE	01° 38' 08" S-103° 38' 35" E
	3. RIMBO BUJANG	W I P C *	NO CHANGE	01 22 S 101 58 E
	4. TANJUNG ENIM / BANGKO	W I P E *	NO CHANGE	03° 48' 00" S-103° 55' 00" E
	5. KUALA TUNGKAL	W I P F *	NO CHANGE	RESERVED
	6. MUARA BUNGO / RIMBO BUJANG	W I P G *	NO CHANGE	01° 22' 00" S-101° 58' 00" E
	7. DEPATI PARBO / KERINCI	W I P H *	NO CHANGE	02° 06' 00" S-101° 22' 00" E
	8. MUARA BUNGO / PASIR MAYANG	W I P I *	NO CHANGE	01° 08' 00" S-102° 09' 00" E
	9. MUARA BULIAN / DUSUN ARO	W I P J *	NO CHANGE	01° 38' 00" S-103° 17' 00" E
	10. BENGKULU / FATMAWATI SOEKARNO	W I P L	NO CHANGE	03° 51' 40" S-102° 20' 22" E
	11. PENDOPO	W I P Q *	NO CHANGE	03° 17' 00" S-103° 51' 00" E
	12. RENGAT / JAPURA	W I P R	NO CHANGE	00° 21' 06" S-102° 20' 04" E
	13. MUKO MUKO	W I P U *	NO CHANGE	02° 33' 00" S-101° 06' 00" E
	14. KELUANG	W I P V *	NO CHANGE	RESERVED
	15. BENTAYAN	W I P Y *	NO CHANGE	RESERVED
	16. PALEMBANG SECTOR (FSS)	W I P Z	NO CHANGE	02° 54' 01" S-104° 42' 00" E
8.	1. BANDA ACEH / SLTN ISKANDR MUDA	W I T T	NO CHANGE	05° 31'01" N-095° 25'12" E
	2. TAPAK TUAN / TEUKU CUT ALI	W I T A *	NO CHANGE	03° 08' 00" N-097° 18'00" E
	3. BANDA ACEH / MAIMUN SALEH	W I A B *	W I T B *	RESERVED
	4. MEULABOH / CUT NYAK DIEN	W I T C *	NO CHANGE	04° 02' 46" N-096° 15'02" E
	5. SINABANG / LASIKIN	W I T G *	NO CHANGE	02° 25' 00" N-096° 18'00" E
	6. LHOK SUKON	W I T L *	NO CHANGE	05° 04' 23" N-097° 15'19" E

	7. LHOK SEUMAWE / MALIKUS SALEH	W I T M *	NO CHANGE	05° 13' 48" N-096° 56' 55."E
	8. SABANG	W I A A *	W I T N *	05° 52' 35" N-095° 20' 15" E
	9. SEUMAYAM	W I T S *	NO CHANGE	RESERVED
II.	UJUNG PANDANG / HASANUDDIN (COMM CENTER)	W A A A	NO CHANGE	05° 03' 39" S-119° 33' 16" E
	1. UJUNG PANDANG SECTOR (ACC/FIC)	W A A Z	NO CHANGE	05° 03' 39" S-119° 33' 16" E
WA – EASTERN PART				
1.	1. BIAK / FRANS KAISIEPO	W A B B	NO CHANGE	01° 11' 31" S-136° 06' 36" E
	2. KAMBUAYA / AYAMARU	W A B A *	NO CHANGE	01° 17' 00" S-132° 12' 00" E
	3. MOANAMANI	W A B D *	NO CHANGE	03° 58' 00" S-136° 05' 00" E
	4. ILU	W A B E *	NO CHANGE	03° 44' 00" S-138° 10' 00" E
	5. NUMFORI / JEMBRUWO	W A B F *	NO CHANGE	00° 57' 00" S-134° 49' 00" E
	6. WAGHETE	W A B G *	NO CHANGE	04° 03' 00" S-136° 17' 00" E
	7. TIOM	W A B H *	NO CHANGE	03° 57' 00" S-138° 25' 00" E
	8. NABIRE / NABIRE	W A B I *	NO CHANGE	03° 22' 00" S-135° 30' 00" E
	9. KARUBAGA	W A B K *	NO CHANGE	03° 43' 00" S-138° 27' 00" E
	10. ILAGA	W A B L *	NO CHANGE	04° 00' 00" S-137° 37' 00" E
	11. BATOM	W A B M *	NO CHANGE	04° 26' 00" S-140° 48' 00" E
	12. KOKONAO	W A B N *	NO CHANGE	04° 46' 00" S-136° 31' 00" E
	13. SERUI / S. CONDRONEGORO	W A B O *	NO CHANGE	01° 52' 00" S-136° 14' 00" E
	14. TIMIKA / TEMBAGAPURA	W A B P *	NO CHANGE	04° 31' 53" S-136° 53' 18" E
	15. OBANO	W A B R *	NO CHANGE	03° 55' 00" S-136° 13' 00" E
	16. MULIA	W A J M *	W A B Q *	03° 44' 00" S-137° 57' 00" E
	17. AYAWASI	W A B S *	NO CHANGE	01° 12' 00" S-132° 30' 00" E
	18. ENAROTALI	W A B T *	NO CHANGE	03° 36' 00" S-136° 23' 00" E
	19. BIAK / MANUHUA	W A B U *	NO CHANGE	RESERVED
	20. WAREN	W A B W *	NO CHANGE	02° 16' 00" S-136° 23' 00" E
	21. BILORAI	W A K C *	W A B V *	03° 44' 00" S-137° 02' 00" E
	22. BILAI	W A K F *	W A B X *	03° 44' 00" S-136° 50' 00" E
	23. KEBO	W A K I *	W A B Y *	03° 49' 00" S-136° 23' 00" E
	24. BIAK SECTOR (FSS)	W A B Z	NO CHANGE	01° 11' 31" S-136° 06' 36" E
2.	1. BALI / NGURAH RAI	W R R R	W A D D	08° 44' 51" S-115° 10' 09" E
	2. MATARAM / SELAPARANG	W R R A	W A D A	08° 33' 42" S-116° 06' 02" E
	3. BIMA / MUHAMAD SALAHUDIN	W R R B *	W A D B *	08° 32' 26" S-118° 41' 22" E
	4. SUMBAWA BESAR / BRANGBIJI	W R R S *	W A D S *	08° 29' 19" S-117° 24' 51" E
	5. TAMBOLAKA / WAIKABUBAK	W R R T *	W A D T *	09° 24' 44" S-119° 14' 49" E
	6. SUMBAWA / LUNYUK	W R R U *	W A D U *	08° 38' 00" S-117° 24' 00" E
	7. WAINGAPU / MAU HAU	W R R W *	W A D W *	09° 40' 05" S-120° 17' 56" E
	8. BALI SECTOR (FSS)	W R R Z	W A D Z	08° 44' 51" S-115° 10' 09" E
3.	1. JAYAPURA / SENTANI	W A J J	NO CHANGE	02° 34' 19" N-140° 30' 41" E
	2. ARSO	W A J A *	NO CHANGE	02° 56' 00" S-140° 47' 00" E
	3. BOKONDINI	W A J B *	NO CHANGE	03° 43' 00" S-138° 38' 00" E
	4. DABRA	W A J C *	NO CHANGE	03° 15' 00" S-138° 34' 00" E
	5. WAKDE	W A J D *	NO CHANGE	01° 56' 00" S-139° 01' 00" E
	6. YURUF	W A J E *	NO CHANGE	03° 56' 00" S-140° 56' 00" E
	7. MOLOF	W A J F *	NO CHANGE	03° 26' 00" S-140° 31' 00" E
	8. KAMUR	W A J G *	NO CHANGE	06° 12' 00" S-138° 43' 00" E
	9. SARMI / ORAI	W A J I *	NO CHANGE	01° 51' 00" S-138° 45' 00" E
	10. KIWIROK	W A J K *	NO CHANGE	04° 42' 00" S-140° 48' 00" E
	11. LEREH	W A J L *	NO CHANGE	03° 03' 00" S-139° 57' 00" E
	12. ELELIM	W A J N *	NO CHANGE	03° 49' 00" S-139° 24' 00" E
	13. OKSIBIL	W A J O *	NO CHANGE	04° 50' 00" S-140° 36' 00" E

	14. BOMAKIA	W A J P *	NO CHANGE	05° 59' 00" S-139° 52' 00" E
	15. SENGGO	W A J Q *	NO CHANGE	05° 41' 00" S-139° 23' 00" E
	16. WARIS	W A J R *	NO CHANGE	03° 14' 00" S-140° 58' 00" E
	17. SENGGEH	W A J S *	NO CHANGE	03° 25' 00" S-140° 47' 00" E
	18. MANGGELUM	W A J T *	NO CHANGE	05° 23' 00" S-140° 28' 00" E
	19. UBRUB	W A J U *	NO CHANGE	03° 40' 00" S-140° 51' 00" E
	20. WAMENA / WAMENA	W A J W *	NO CHANGE	04° 05' 51" S-138° 57' 04" E
	21. WERUR	W A J Y *	NO CHANGE	00° 25' 00" S-132° 11' 00" E
	22. JAYAPURA SECTOR (FSS)	W A J Z	NO CHANGE	02° 34' 19" N-140° 30' 41" E
4.	1. MERAUKE / MOPAH	W A K K	NO CHANGE	08° 31' 16" S-140° 25' 01" E
	2. AKIMUGA	W A K A *	NO CHANGE	04° 35' 00" S-137° 39' 00" E
	3. KELILA	W A K B *	NO CHANGE	03° 45' 00" S-138° 45' 00" E
	4. MINDIP TANAH	W A K D *	NO CHANGE	05° 48' 00" S-140° 42' 00" E
	5. BADE	W A K E *	NO CHANGE	07° 10' 00" S-139° 34' 00" E
	6. AGATS	W A K G *	NO CHANGE	RESERVED
	7. ABOHOY	W A K H *	NO CHANGE	RESERVED
	8. ANGGI	W A K J *	NO CHANGE	03° 23' 00" S-133° 52' 00" E
	9. PRIMAPUN	W A K N *	NO CHANGE	RESERVED
	10. OKABA	W A K O *	NO CHANGE	08° 06' 00" S-139° 42' 00" E
	11. KEPI	W A K P *	NO CHANGE	06° 40' 00" S-139° 27' 00" E
	12. TANAH MERAH	W A K T *	NO CHANGE	06° 06' 07" S-140° 16' 00" E
	13. MERAUKE SECTOR (FSS)	W A K Z	NO CHANGE	08° 31' 16" S-140° 20' 01" E
5.	1. BALIK PAPAN / SEPINGGAN	W R L L	W A L L	01° 16' 02" S-116° 53' 38" E
	2. SANGATA	W R L A *	W A L A *	00° 30' 00" S-117° 32' 00" E
	3. LONG BAWAN / JUVAI SEMARING	W R L B *	W A L B *	03° 53' 00" N-115° 42' 00" E
	4. BONTANG	W R L C *	W A L C *	00° 07' 00" N-117° 28' 00" E
	5. BATU PUTIH / TALI SAYAM	W R L D *	W A L D *	01° 23' 00" N-118° 25' 00" E
	6. MELAK / KOTA BANGUN	W R L E *	W A L E *	00° 12' 00" N-115° 45' 00" E
	7. NUNUKAN	W R L F *	W A L F *	04° 08' 00" N-117° 40' 00" E
	8. TANJUNG SELOR / TJ. HARAPAN	W R L G *	W A L G *	02° 50' 00" N-117° 54' 00" E
	9. TANAH GROGOT	W R L H *	W A L H *	01° 52' 00" S-116° 30' 00" E
	10. TIONG OHONG	W R L I *	W A L I *	RESERVED
	11. TANJUNG BARA / DATAH DAWAI	W R L J *	W A L J *	00° 47' 00" N-114° 34' 00" E
	12. TANJUNG REDEP/ KALIMARAU	W R L K *	W A L K *	02° 09' 12" N-117° 25' 52" E
	13. MALINAU	W R L M *	W A L M *	03° 35' 00" N-116° 38' 00" E
	14. LONG NAWANG	W R L N *	W A L N *	01° 48' 00" N-116° 09' 00" E
	15. ONGKO ASA	W R L O *	W A L O *	00° 09' 00" S-115° 42' 00" E
	16. LONG APUNG	W R L P *	W A L P *	01° 03' 00" N-114° 58' 00" E
	17. MUARA BADAK	W R L Q *	W A L Q *	00° 18' 21" S-117° 24' 55" E
	18. TARAKAN / JUWATA	W R L R	W A L R	03° 19' 36" N-117° 34' 10" E
	19. SAMARINDA/ TEMINDUNG	W R L S *	W A L S	00° 28' 55" S-117° 09' 24" E
	20. TANJUNG SANTAN	W R L T *	W A L T *	00° 05' 00" S-117° 26' 00" E
	21. SANGKULIRANG	W R L U *	W A L U *	01° 15' 00" N-117° 41' 00" E
	22. PULAU BUNYU	W R L V *	W A L V *	RESERVED
	23. MUARA WAHAU	W R L W *	W A L W *	01° 07' 00" N-116° 50' 00" E
	24. SENIPAH	W R L Y *	W A L Y *	00° 58' 00" S-117° 08' 00" E
	25. BALIKPAPAN SECTOR (FSS)	W R L Z	W A L Z	01° 16' 02" S-116° 53' 38" E
6.	1. MANADO/ SAM RATULANGI	W A M M	NO CHANGE	01° 32' 45" N-124° 55' 30" E
	2. GALELA/ GAMARMALAMO	W A M A *	NO CHANGE	01° 50' 32" N-127° 47' 20" E
	3. KOTAMOBAGU/ MOPAIT	W A M B *	NO CHANGE	00° 40' 00" N-124° 15' 06" E
	4. TENTENA	W A M C *	NO CHANGE	02° 15' 00" S-120° 38' 00" E
	5. JAILOLO/ KURIPASAI	W A M D *	NO CHANGE	RESERVED
	6. BULI, HALMAHERA	W A M E *	NO CHANGE	00° 55' 03" N-128° 22' 59" E
	7. GORONTALO/ JALALUDIN	W A M G	NO CHANGE	00° 38' 18" N-122° 51' 08" E
	8. TAHUNA/ NAHA	W A M H *	NO CHANGE	03° 43' 00" N-125° 25' 00" E

	9. TOLI-TOLI/ LALOS	W A M I *	NO CHANGE	01° 08' 00" N-120° 18' 00" E
	10. GEBE, GEBE	W A M J *	NO CHANGE	00° 06' 00" N-120° 27' 00" E
	11. KAO/ KUABANG	W A M K *	NO CHANGE	01° 12' 28" N-127° 53' 46" E
	12. PALU/ MUTIARA	W A M L	NO CHANGE	00° 50' 00" S-119° 54' 37" E
	13. MELANGGUANE	W A M N *	NO CHANGE	04° 30' 00" N-126° 42' 00" E
	14. POSO/ KASIGUNCU	W A M P *	NO CHANGE	01° 23' 00" S-120° 44' 00" E
	15. BADA	W A M Q *	NO CHANGE	01° 44' 00" S-120° 15' 00" E
	16. MOROTAI/ PITU	W A M R *	NO CHANGE	02° 03' 00" N-128° 19' 00" E
	17. TERNATE/ SULTAN BABULLAH	W A M T *	NO CHANGE	00° 49' 51" N-127° 22' 48" E
	18. WUASA	W A M U *	NO CHANGE	01° 25' 00" S-120° 19' 00" E
	19. LUWUK/ BUBUNG	W A M W *	NO CHANGE	00° 55' 00" S-122° 46' 00" E
	20. BUOL	W A M Y *	NO CHANGE	01° 06' 00" N-121° 25' 00" E
	21. MANADO SECTOR (FSS)	W A M Z	NO CHANGE	01° 32' 45" N-124° 55' 30" E
7.	1. BANJARMASIN/ SYAMSUDDIN NOOR	W R B B	W A O O	03° 26' 23" S-114° 45' 10" E
	2. BATU LICIN	W R B C *	W A O C *	03° 26' 00" S-116° 11' 00" E
	3. SEBUKU/ SEKAPUNG	W R B G *	W A O G *	03° 37' 36" S-116° 22' 07" E
	4. MEKAR PUTIH	W R B H *	W A O H *	03° 59' 30" S-116° 06' 15" E
	5. PANGKALAN BUN/ ISKANDAR	W R B I *	W A O I *	02° 42' 15" S-111° 40' 13" E
	6. KOTA BARU/ STAGEN	W R B K *	W A O K *	03° 17' 00" S-116° 19' 00" E
	7. KUALA PEMBUANG	W R B O *	W A O L *	03° 02' 00" S-112° 32' 00" E
	8. MUARA TEWEH/ BERINGIN	W R B M *	W A O M *	00° 56' 50" S-114° 53' 37" E
	9. TANJUNG/ WARUKIN	W R B N *	W A O N *	02° 13' 25" S-115° 26' 54" E
	10. PALANGKA RAYA/ TJILIK RIWUT	W R B P *	W A O P	02° 33' 00" S-112° 58' 00" E
	11. SAMPIT/ H.ASAN	W R B S *	W A O S *	02° 30' 05" S-112° 58' 32" E
	12. TELUK KEPAYANG	W R B T *	W A O T *	03° 26' 00" S-115° 40' 00" E
	13. BUNTOK/ SANGGAU	W R B U *	W A O U *	01° 40' 09" S-114° 53' 52" E
	14. TUMBANG SAMBA	W R B W *	W A O W *	01° 51' 00" S-113° 05' 00" E
	15. BANJARMASIN SECTOR (FSS)	W R B Z	W A O Z	03° 26' 23" S-114° 45' 10" E
8.	1. AMBON/ PATTIMURA	W A P P	NO CHANGE	03° 42' 25" N-128° 05' 23" E
	2. AMAHAI	W A P A *	NO CHANGE	03° 20' 49" S-128° 55' 59" E
	3. BULA	W A P B *	NO CHANGE	03° 06' 24" S-130° 30' 25" E
	4. BANDA/ BANDANEIRA	W A P C *	NO CHANGE	04° 31' 00" S-129° 55' 00" E
	5. DOBO	W A P D *	NO CHANGE	05° 46' 34" S-134° 12' 72" E
	6. MANGOLE	W A P E *	NO CHANGE	01° 47' 00" S-125° 28' 00" E
	7. NAMROLE/KISAR	W A P G *	NO CHANGE	03° 51' 25" S-126° 42' 19" E
	8. LABUHAN/ USMAN SADIK	W A P H *	NO CHANGE	00° 38' 19" S-127° 29' 03" E
	9. SAUMLAKI	W A P I *	NO CHANGE	07° 57' 00" S-131° 18' 00" E
	10. BENJINA	W A P K *	NO CHANGE	06° 03' 76" S-134° 16' 61" E
	11. LANGGUR/ DUMATUMBUN	W A P L *	NO CHANGE	05° 39' 70" S-132° 43' 80" E
	12. SANANA	W A P N *	NO CHANGE	02° 55' 52" S-125° 57' 50" E
	13. LARAT	W A P O *	NO CHANGE	00° 08' 00" S-131° 47' 00" E
	14. KISAR	W A P Q *	NO CHANGE	08° 00' 58" S-127° 12' 20" E
	15. NAMLEA	W A P R *	NO CHANGE	03° 15' 22" S-127° 06' 03" E
	16. SELARU	W A P S *	NO CHANGE	RESERVED
	17. TALIABU	W A P T *	NO CHANGE	01° 57' 00" S-124° 25' 00" E
	18. WAHAI	W A P V *	NO CHANGE	02° 48' 86" S-129° 28' 91" E
	19. AMBON SECTOR (FSS)	W A P Z	NO CHANGE	03° 42' 25" N-128° 05' 23" E
9.	1. SURABAYA/ JUANDA	W R S J	W A R R	07° 22' 50" S-112° 47' 10" E
	2. MALANG/ ABDUL RAHMAN SALEH	W I A S *	W A R A *	07° 55' 42" S-112° 42' 48" E
	3. CEPU/ NGLONGRAM	W R S C *	W A R C *	07° 11' 37" S-111° 32' 52" E
	4. MADIUN/ ISWAHYUDI	W I A R *	W A R I *	RESERVED
	5. JOGYAKARTA/ ADISUCIPTO	W I I J	W A R J	047° 47' 12" S-110° 25' 55" E
	6. SURABAYA/ PERAK	W R S P *	TO BE DELETED	

	7. SOLO/ ADI SUMARMO	W R S Q	W A R Q	07° 31' 04" S-110° 45' 18" E
	8. SEMARANG/ A.YANI	W I I S	W A R S	06° 58' 35" S-110° 22' 38" E
	9. SUMENEP/ TRUNOJOYO	W R S T *	W A R T *	07° 04' 00" S-113° 56' 00" E
	10. DEWADARU	W I I U *	W A R U *	RESERVED

10.	1. SORONG/ JEFMAN	W A S S	NO CHANGE	00° 55' 32" S-131° 07' 17" E
	2. BINTUNI / STEENKOL	W A S B *	NO CHANGE	02° 06' 00" S-133° 31' 00" E
	3. RANSIKI / ABRESSO	W A S C *	NO CHANGE	00° 48' 00" S-133° 02' 00" E
	4. KEBAR	W A S E *	NO CHANGE	00° 48' 00" S-133° 02' 00" E
	5. FAK-FAK / TOREA	W A S F *	NO CHANGE	02° 56' 00" S-132° 13' 00" E
	6. INANWATAN	W A S I *	NO CHANGE	02° 08' 00" S-132° 09' 00" E
	7. UTAROM / KAIMANA	W A S K *	NO CHANGE	03° 38' 00" S-133° 41' 00" E
	8. MERDEI	W A S M *	NO CHANGE	01° 35' 00" S-133° 20' 00" E
	9. BABO	W A S O *	NO CHANGE	02° 32' 00" S-133° 27' 00" E
	10. MANOKWARI / RENDANI	W A S R *	NO CHANGE	00° 53' 38" S-134° 03' 01" E
	11. TEMINABUAN	W A S T *	NO CHANGE	01° 26' 00" S-132° 01' 00" E
	12. WASIOR	W A S W *	NO CHANGE	02° 45' 00" S-134° 32' 00" E
11.	1. KUPANG / EL TARI	W R K K	W A T T	10° 10' 40" S-123° 39' 49" E
	2. ATAMBUA / HALIWEN	W R K A *	W A T A *	09° 20' 00" S-124° 54' 00" E
	3. BAJAWA / PADHAMELEDA	W R K B *	W A T B *	08° 47' 00" S-120° 57' 00" E
	4. MAUMERE / WAI OTI	W R K C *	W A T C *	08° 38' 16" S-122° 14' 15" E
	5. ENDE / IPI	W R K E *	W A T E *	08° 50' 53" S-121° 39' 48" E
	6. MASKOLEN	W R K F *	W A T F *	RESERVED
	7. RUTENG / SATARTACIK	W R K G *	W A T G *	08° 35' 00" S-120° 29' 00" E
	8. MBAI	W R K I *	W A T I *	08° 32' 00" S-115° 45' 00" E
	9. MENA	W R K J *	W A T J *	RESERVED
	10. LARANTUKA / GEWAYENTANA	W R K L *	W A T L *	08° 16' 30" S-123° 00' 00" E
	11. KALABAHI / MALI	W R K M *	W A T M *	08° 08' 12" S-124° 35' 37" E
	12. NAIKLIU	W R K N *	W A T N *	09° 30' 00" S-123° 50' 00" E
	13. LABUAN BAJO / MUTIARA II	W R K O *	W A T O *	08° 29' 11" S-119° 53' 14" E
	14. ROTE / LEKUNIK	W R K R *	W A T R *	10° 53' 00" S-122° 50' 00" E
	15. SABU / TERDANU	W R K S *	W A T S *	10° 50' 00" S-121° 50' 00" E
	16. LEWO LEBA	W R K W *	W A T W *	08° 21' 36" S-123° 27' 30" E
	17. KUPANG SECTOR (FSS)	W R K Z	W A T Z	10° 10' 40" S-123° 39' 49" E
12.	1. KENDARI / WOLTER MONGINSIDI	W A A U	W A W W	04° 05' 03" S-122° 24' 27" E
	2. BAU BAU / BETOAMBARI	W A A B *	W A W B *	05° 31' 00" S-122° 33' 00" E
	3. MALIMPUNG	W A A G *	W A W G *	RESERVED
	4. AROEPALA / SELAYAR	W A A H *	W A W H *	06° 10' 00" S-120° 26' 00" E
	5. MALILI	W A A I *	W A W I *	00° 38' 00" S-121° 06' 00" E
	6. MAMUJU / TAMPA PADANG	W A A J *	W A W J *	02° 35' 00" S-119° 02' 00" E
	7. PONGGALUKU	W A A L *	W A W L *	04° 15' 00" S-122° 30' 00" E
	8. MASAMBA / ANDI JEMMA	W A A M *	W A W M *	02° 33' 00" S-120° 22' 00" E
	9. KOLAKA / POMALA	W A A P *	W A W P *	04° 18' 00" S-121° 36' 00" E
	10. MUNA / SUGI MANURU	W A A R *	W A W R *	04° 48' 00" S-122° 36' 00" E
	11. SOROAKO	W A A S *	W A W S *	02° 32' 00" S-121° 21' 00" E
	12. TANA TORAJA / PONGTIKU	W A A T *	W A W T *	03° 02' 33" S-119° 49' 16" E

Remarks:

* Indicates that the station is not connected by TTY to the AFTN

Communication center	= 2
Sub Communication Center	= 21
Tributary Station and FSS connected by TTY to the AFTN	= 32
Tributary Station connected by voice communication (SSB) to the AFTN	= 227

