



International Civil Aviation Organization

**THE FIFTH MEETING OF AERONAUTICAL
TELECOMMUNICATION NETWORK (ATN)
IMPLEMENTATION CO-ORDINATION GROUP
OF APANPIRG (ATNICG/5)**



Kuala Lumpur, Malaysia, 31 May – 4 June 2010

**Agenda Item 5: Review State's ATN/AMHS Implementation/Operational activities,
issues and test results for BBIS Network**

INDONESIA AMHS IMPLEMENTATION STATUS REPORT

(Presented by Indonesia)

SUMMARY

This information paper provides the ATN/AMHS implementation status in Indonesia.

1. Implementation Status

1.1 Jakarta

- Contract Signed – Phase 1: May 2006 (ATN Router), Phase II: June 2007 (AFTN/AMHS Gateway)
- CDR (Design Review) Completed – (June 2007)
- FAT (Factory Acceptance Testing) - (2 November 2007)
- Installation at Site – (16 - 22 November 2007)
- SAT (Site Acceptance Testing) – (26 November 2007)
- Training – (16 – 22 October 2007)
- Transition AFTN/AMHS – (2011)
- Setting up of AMHS UA's – (2011)
- Final Acceptance Contract Sign off - (2011)
- AMHS Transition – Trial with Singapore is still in progress
- AMHS Transition – Trial with Australia - TBD

1.2. Ujung Pandang

- Tender evaluation and selection of supplier – (February/March 2009)
- Contract expected to be Signed – (May 2009)
- CDR (Design Review) completed – (May 2009)
- FAT (Factory Acceptance Testing) – (November 2009)
- Installation at Site – (December 2009)
- Training – (December 2009)
- SAT (Site Acceptance Testing) – (June 2009) (tentative)
- Transition AFTN/AMHS – (2011) (tentative)
- Setting up of AMHS UA's – (2011) (tentative)

2. AMHS Addressing Scheme

2.1 Ref. ICAO Letter AN 7/49.1-09/34, dated 14 April 2009 concerning the Management & Update AMHS Address information, Indonesia has arranged the AMHS Address Scheme and to be registered. (See attachment to this paper)

Attachment to ATNICG/5-IP/8

Part 2 : Modification of declaration of addressing scheme

State : Indonesia

Nationality Letters : WI WA WR

PRMD-name registered before modification : INDONESIA

Addressing Scheme declare before modification : WA

Please select one of the following option in case of modification :

Choice A : AMHS user addresses to be allocated by application of the (recomemended) CAAS addressing scheme in the AMHS MD operated in the above State

Choice B : AMHS user addresses to be allocated by application of the (default) XF addressing scheme in the AMHS MD operated in the above State

Choice C : The addressing scheme to remain unchanged (only the PRMD-name is modified, see Part 1)

Please specify your choice (A) :

If choice is A (CAAS), please fill in the following table for all location indicators found in Doc 7910 under the above natiolity letters

Organization –name for the group of locations	Location indicator
(C) XX , (A) ICAO , (P) INDONESIA, (O) WIIIFW Jakarta /Soekarno Hatta	(OU) WIII Jakarta /Soekarno Hatta
	(OU) WICC Bandung / Husein Sastranegara
	WICB Tangerang / Budiarto
	WICD Cirebon / Penggung
	WICJ Semplak / Atang Sanjaya
	WICK Margahayu / Sulaiman
	WICP Purwokerto / Wirasaba
	WICT Bandar Lampung / Radin Inten
	(OU) WIBB Pekanbaru / Syarif Kasim II
WIBD Dumai / Pinang Kampai	

	<p>WIBL Pelalawan</p> <p>WIBR Sipora / Rokot</p> <p>WIBS Bengkalis / Sungai Pakning</p> <p>WIBT Tanjung Balai / Sungai Bati</p>
	<p>(OU) WIDD Batam / Hang Nadim</p> <p>WIDE Pasir Pangaraian</p> <p>WIDN Tanjung Pinang / Kijangh</p> <p>WIDS Singkep /Dabo</p>
	<p>(OU) WIHH Jakarta / Halimperdana Kusuma</p> <p>WIHG Jakarta / Pulau Panjang</p> <p>WIHL Cilacap / Tunggul Wulung</p> <p>WIHP Jakarta / Pondok Cabe</p>
	<p>(OU) WIMM Medan / Polonia</p> <p>WIMB Gunung Sitoli / Binaka</p> <p>WIME Padang Sidempuan / Aek Godang</p> <p>WIMG Padang / Tabing</p> <p>WIMH Medan / Helvetia</p> <p>WIMN Tarutung / Silangit</p> <p>WIMO Pulau Tello / Lasondre</p> <p>WIMP Prapat / Sibisa</p> <p>WIMS Sibolga / DR F. L. Tobing</p>
	<p>(OU) WIOO Pontianak / Supadio</p> <p>WIOB Bengkayang</p> <p>WIOD Tjg Pandan /Hanandjoeddin</p> <p>WIOG Nangapinoh</p> <p>WIOH Paloh / Liku</p> <p>WIOI Singkawang II</p> <p>WIOK Ketapang / Rahadi Usman</p> <p>WIOM Matak</p>

	WION	Natuna / Ranai
	WIOP	Putussibau / Pangsuma
	WIOS	Sintang / Susilo
(OU)	WIPP	Palembang / S. M.B. II
	WIPA	Jambi / Sultan Thaha
	WIPB	Lubuk Linggau / Silampari
	WIPC	Rimbo Bujang
	WIPD	Danau Ranau / Bdg Agung
	WIPE	Tanjung Enim / Bangko
	WIPG	Muaro Bungo
	WIPH	Depati Parbo / Kerinci
	WIPI	Muaro Bungo / Pasir Mayang
	WIPK	Pkl Pinang / Depati Amir
	WIPL	Bengkulu / Fatmawati S
	WIPM	Manggala / Astrakestra
	WIPN	Serdang / Glumbang
	WIPO	Way Tuba / Gatot Subroto
	WIPQ	Pendopo
	WIPR	Rengat / Japura
	WIPS	Sekayu
	WIPT	Padang / Minang Kabau
	WIPU	Muko Muko
	WIPV	Kaluang
	WIPW	Muara Beliti
(OU)	WITT	Banda Aceh/S. Iskandar Muda
	WITA	Tapak Tuan / Teuku Cut Ali
	WITB	Banda Aceh / Maimun Saleh
	WITC	Meulaboh / Cut Nyak Dien
	WITG	Sinabang / Lasikin
	WITL	Lhok Sukon
	WITM	L. Seumawe / Malikus Saleh

	<p>WITN Sabang WITS Seumayam</p> <p>(CN) - WIIIZIZW : Flight Information Centre (FIC) WIII : Location Indicator Jakarta ZIZ : Three Letter FIC W : Filler Western Indonesia</p> <p>- <i>Ex. WICBZTZW : Budiarto Curug Airport</i> <i>WICB : Location Indicator Curug</i> <i>ZTZ : Three Letter Tower</i> <i>W : Filler Western Airport Indonesia</i></p> <p>Another Three Letter Indonesia ZRZ : Area Control Center (ACC) ZUZ :Upper Control Area (UTA) ZLZ : Lower Control Area (CTA) YSY : Flight Service Sector (FSS) ZTZ : Aerodrome Control (ADC) ZAZ :Approach Control (APP)</p>
<p>(C) XX , (A) ICAO , (P) INDONESIA (O) WAAAFE Ujung Pandang/ Hasanuddin</p>	<p>(OU) WAAA Ujung Pandang/ Hasanuddin</p> <p>(OU) WABB Biak / Frans Kaisiepo WABC Akimuga WABD Moanamani WABE Ilu WABF Numfori / Jembruwo WABG Waghete</p>

	<p>WABI Nabire / Nabire</p> <p>WABK Karubaga</p> <p>WABL Ilaga</p> <p>WABN Kokonao</p> <p>WABO Serui / S. Condronogoro</p> <p>WABP Timika / Tembapapura</p> <p>WABQ Mulia</p> <p>WABR Obano</p> <p>WABT Enarotali</p> <p>WABU Biak / Manahua</p> <p>WABV Bilorai</p> <p>WABW Waren</p> <p>WABX Bilai</p> <p>WABY Kebo</p>
	<p>(OU) WADD Bali / Ngurah Rai</p> <p>WADA Mataram / Selaparang</p> <p>WADB Bima / Muhamad Salahudin</p> <p>WADS Sumbawa Besar / Brangbiji</p> <p>WADT Tambolaka / Waikabubak</p> <p>WADU Sumbawa / Lunyuk</p> <p>WADW Waingapu / Mau Hau</p>
	<p>(OU) WAJJ Jayapura / Sentani</p> <p>WAJA Arso</p> <p>WAJB Bokondini</p> <p>WAJC Dabra</p> <p>WAJD Wakde</p> <p>WAJE Yuruf</p> <p>WAJF Molof</p> <p>WAJG Batom</p> <p>WAJI Sarmi / Orai</p> <p>WAJK Kiwirok</p>

	<p>WAJL Lereh</p> <p>WAJH Tiom</p> <p>WAJN Elelim</p> <p>WAJO Oksibil</p> <p>WAJP Bomakia</p> <p>WAJR Waris</p> <p>WAJS Senggeh</p> <p>WAJT Manggelum</p> <p>WAJU Ubrub</p> <p>WAJV Kelila</p> <p>WAJW Wamena / Wamena</p> <p>WAJY Werur</p>
	<p>(OU) WAKK Merauke / Mopah</p> <p>WAKD Mindip Tanah</p> <p>WAKE Bade</p> <p>WAKG Agats</p> <p>WAKH Abohoy</p> <p>WAKN Primapun</p> <p>WAKO Okaba</p> <p>WAKP Kepi</p> <p>WAKQ Senggo</p> <p>WAKT Tanah Merah</p>
	<p>(OU) WALL Balikpapan / Sepingga</p> <p>WALA Sangata / Sangkimah</p> <p>WALB Long bawan/Juvai semaring</p> <p>WALC Bontang</p> <p>WALD Bayu putih / Tali sayam</p> <p>WALE Melak/Melalan</p> <p>WALF Nunukan</p> <p>WALG Tanjung Selor / Tj.Harapan</p> <p>WALH Tanah grogot</p>

	<p>WALJ Dajah Dawai</p> <p>WALK Tanjung Redep / Kalimantan</p> <p>WALM Malinau</p> <p>WALN Long nawan</p> <p>WALP Long apung</p> <p>WALQ Muara Badak</p> <p>WALR Tarakan / Juwata</p> <p>WALS Samarinda / Temindung</p> <p>WALT Tanjung santan</p> <p>WALU Sangkulirang</p> <p>WALV Bunyu</p> <p>WALW Muara wahau</p> <p>WALY Senipah</p> <p>WALX Makajang/Lungsuran Naga</p>
(OU)	<p>WAMM Manado / Sam ratulangi</p> <p>WAMA Galela / Gamarmalo</p> <p>WAMB Kotamobagu / Mopait</p> <p>WAMC Tentena</p> <p>WAMD Jailolo / Kuripasai</p> <p>WAME Buli, Halmahera</p> <p>WAMG Gorontalo / Jalaludin</p> <p>WAMH Tahuna / Naha</p> <p>WAMI Toli-Toli / Lalos</p> <p>WAMJ Gebe, Gebe</p> <p>WAMK Kao / Kuabang</p> <p>WAML Palu/Mutiara</p> <p>WAMN Elanguane</p> <p>WAMP Poso / Kasigucu</p> <p>WAMQ Bada</p> <p>WAMR Morotai / Pitu</p> <p>WAMT Ternate / Sultan babullah</p>

	WAMU	Wuasa
	WAMW	Luwuk / Bubung
	WAMY	Buol
(OU)	WAOO	Bjr.masin/Syamsuddin Noor
	WAOC	Batu licin
	WAOG	Sebuku / Sekapung
	WAOH	Mekar putih
	WAOI	Pangkalan Bun / Iskandar
	WAOK	Kota Baru / Stagen
	WAOL	Kuala Pembuang
	WAOM	Muara Teweh / Beringin
	WAON	Tanjung / Warukin
	WAOP	Palangkaraya / Tjilit riwut
	WAOS	Sampit / H.Asan
	WAOT	Teluk kepayang
	WAOU	Buntok / Sanggau
	WAOW	Tumbang samba
(OU)	WAPP	Ambon / Pattimura
	WAPA	Amahai
	WAPB	Bula
	WAPC	Banda / Bandaneira
	WAPD	Dobo
	WAPE	Mangole
	WAPG	Namrole / Kisar
	WAPH	Labuhan / Usman Sadik
	WAPI	Saumlaki
	WAPK	Benjina
	WAPL	Langgur / Dumatumbun
	WAPN	Sanana
	WAPO	Larat
	WAPQ	Kisar

	WAPR Namlea WAPS Selaru WAPT Taliabu WAPV Wahai
(OU)	WARR Surabaya / Juanda WARA Malang / Adl rahman saleh WARC Cepu / Nglongram WARI Madiun / Iswahyudi WARJ Jogyakarta / Adisucipto WARQ Solo / adi Sumarmo WARS Semarang / A.Yani WART Sumenep / Trunojoyo WARU Dewadaru
(OU)	WASS Sorong / DEO WASA Ayawasi WASB Bintun / Steenkol WASC Ransiki/Abresso WASE Kebar WASF Fak-Fak / Torea WASG Anggi WASI Inanwatan WASK Utarom / Kaimana WASM Merdei WASO Babo WASR Manokwari / Rendani WAST Teminabuan WASU Kambuaya / Ayamaru WASW Wasior
(OU)	WATT Kupang / El tari WATA Atambua / Haliwen WATB Bajawa / Padhameleda

	<p>WATC Maumere / Wai oti</p> <p>WATE Ende / Ipi</p> <p>WATF Maskolen</p> <p>WATG Ruteng / Satartacik</p> <p>WATI Mbai</p> <p>WATJ Ena</p> <p>WATL Larantuka / Gewayentana</p> <p>WATM Kalabah / Mali</p> <p>WATN Naikliu</p> <p>WATO Labuan Bajo / Mutiara II</p> <p>WATR Rote / Lekunik</p> <p>WATS Sabu / Terdamu</p> <p>WATW Lewo Leba</p>
(OU)	<p>WAWW Kendari / Wtr monginsidi</p> <p>WAWB Bau-bau / Betoambari</p> <p>WAWG Malimpung</p> <p>WAWH Aroepala / Selayar</p> <p>WAWI Malili</p> <p>WAWJ Mamuju / Tampa Padang</p> <p>WAWL Ponggaluku</p> <p>WAWM Masamba / Andi jemma</p> <p>WAWP Kolaka / Pomala</p> <p>WAWR Muna / Sugi manuru</p> <p>WAWS Soroako</p> <p>WAWT Tana Toraja / Pongtiku</p>
(CN)	<p>WAAAZIZE : Flight Information Centre (FIC)</p> <p>WAAA : Location Indicator Makasar</p> <p>ZIZ : Three Letter FIC</p>

	<p>E : Filler Eastern Indonesia</p> <p>- Ex. <i>WABIZTZE</i> : <i>Nabire Airport</i></p> <p><i>WABI</i> : <i>Location Indicator Nabire</i></p> <p><i>ZTZ</i> : <i>Three Letter Tower</i></p> <p><i>E</i> : <i>Filler Eastern Airport Indonesia</i></p> <p>Another Three Letter Indonesia: <i>ZRZ</i> : Area Control Center (ACC) <i>ZUZ</i> :Upper Control Area (UTA) <i>ZLZ</i> : Lower Control Area (CTA) <i>YSY</i> : Flight Service Sector (FSS) <i>ZTZ</i> : Aerodrome Control (ADC) <i>ZAZ</i> :Approach Control (APP)</p>
<p>(C) XX , (A) ICAO , (P) INDONESIA , (O) WRRRHQ, DGCA Office</p>	<p>(OU1) WRRR : Head Quarter</p> <p>(CN) WRRRYNYX : Inter NOTAM Office</p> <p>WRRRYRYN : National SAR</p> <p>WRRRYTYM : Meteorolgi Office</p>

AMHS ADDRESSING SCHEME INDONESIA

