



International Civil Aviation Organization

**The Twenty-Second Meeting of the APANPIRG ATM/AIS/SAR Sub-Group
(ATM/AIS/SAR/SG/22)**

Bangkok, Thailand, 25 – 29 June 2012

Agenda Item 4: Review outcome of relevant meetings

INDONESIAN NEW FLIGHT PLAN FORMAT CONVERTER TEST

(Presented by Indonesia)

SUMMARY

This paper presents the Test results of New Flight Plan Format converters in Indonesia particularly Jakarta FIR and proposes to update the safety risk assessment in the region

This paper relates to –

Strategic Objectives:

A: Safety – Enhance global civil aviation safety

*C: Environmental Protection and Sustainable Development of Air Transport
– Foster harmonized and economically viable development of international
civil aviation that does not unduly harm the environment*

Global Plan Initiatives:

GPI-12 Functional integration of ground systems with airborne systems

1. INTRODUCTION

1.1 This paper presents update on activities taken by Indonesia regarding New Flight Plan Converter test within Jakarta FIR in accordance with the provision of Amendment 1 of the Procedures for Air Navigation Services — Air Traffic Management, Fifteenth Edition (PANS-ATM, DOC 4444).

1.2 The risk analysis of APAC office states that Indonesia is a critical State in the regional ATM network, due the very high volume of traffic handled, the number of neighbouring FIRs, and the major international traffic flows crossing Indonesian airspace.

2. DISCUSSION

New Flight Plan Format Converter Test in Jakarta FIR

2.1 In response to the result of Amendment 1, Risk Assessment and updated questionnaire submitted to Regional Office on May, 11th 2012, it was realized that Indonesian ANSP will remain to use the current FDPS and converter to process the Flight Plan data.

2.2 JAATS is the only ATM System used in Jakarta FIR with fully automated Flight Data Processing and Radar Data Processing functionalities, it was decided that Jakarta will used Flight Plan Converter together with the current system.

2.3 The internal testing for Flight Plan converter within Jakarta FIR has been performed during the period of May to beginning of June 2012 and the result was satisfactory, as attached in the appendix of this paper.

2.4 The test was performed to find the conformity of Flight Plan Messages and ATS Messages to the ICAO Amendment 1 of the PANS-ATM, Doc.4444.

2.5 Jakarta and Makassar will conduct the ANSP external testing within Indonesia at the end of June 2012. The result will be submitted to APAC Office once the test is completed.

2.6 Regarding to the provisions of ICAO Amendment 1 of the PANS-ATM, Doc. 4444, Indonesia will implement the 24 hours prior to EOBT basis on the filing of new format flight plan.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the Indonesia preparedness in implementing New ICAO FPL Format;
- b) note a suggestion to reassess and update the result of safety risk assessment of Indonesia;
- c) urge adjacent States/ANSP to undertake testing with Jakarta FIR, and;
- d) discuss any relevant matters as appropriate.

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FLIGHT PLAN AND ATS MESSAGES CONVERSION PROCESS

INPUT NEW FORMAT	OUTPUT PRESENT FORMAT
<p>FF WIIIZQZX 220219 WIIIIYOYW (FPL-FDO001-IS -B739/M-SCDE1FGIKRUW/SB2 -WIMM0500 -N0430F350 MDN A585 PKU A585 PLB W12E -WIIII0200 WIPP -PBN/A1D1 DOF/120613 REG/PKALU SEL/FDSJ PER/A)</p>	<p>NNNNZCZC ACC0002 220324 CAC0919 220320 FF WIIIZQZX 220219 WIIIIYOYW (FPL-FDD001-IS -B739/M-SCDFGIKRUWZ/SD -WIMM0500 -N0430F350 MDN A585 PKU A585 PLB W12E -WIIII0200 WIPP -REG/PKALU SEL/FDSJ PER/A COM/FMC WPR ACARS E1 B2 NAV/RNAV10 RNP10 A1 RNAV1 D1)</p>
<p>FF WIIIZQZX 220232 WIIIIYOYW (FPL-FDO002-IS -B739/M-SDFGHIORW/SV1 -WIMM0505 -N0430F330 MDN A585 PKU A585 PLB W12E -WIIII0200 WIPP -PBN/A1B1D101 DOF/120613 REG/PKALU SEL/FDSJ OPR/FDO PER/B)</p>	<p>NNNNZCZC ACC0003 220328 CAC0706 220238 FF WIIIZQZX 220232 WIIIIYOYW (FPL-FDD002-IS -B739/M-SDFGHIORWZ/SD -WIMM0505 -N0430F330 MDN A585 PKU A585 PLB W12E -WIIII0200 WIPP -REG/PKALU SEL/FDSJ OPR/FDO PER/B COM/V1 NAV/RNAV10 RNP10 A1 RNAV5 B1 RNAV1 D1 RNP1 D1)</p>
<p>FF WIIIZQZX 220239 WIIIIYOYW (FPL-FDO003-IS -B739/M-SDFWIG/SD1 -WIMM0510 -N0430F370 MDN A585 PKU A585 PLB W12E -WIIII0200 WIPP -STS/STATE PBN/A1D1 DOF/120613 REG/PKALI SEL/MHJU PER/B)</p>	<p>NNNNZCZC ACC0004 220330 CAC0733 220244 FF WIIIZQZX 220239 WIIIIYOYW (FPL-FDD003-IS -B739/M-SDFGIRWZ/SD -WIMM0510 -N0430F370 MDN A585 PKU A585 PLB W12E -WIIII0200 WIPP -REG/PKALI SEL/MHJU STS/STATE PER/B COM/D1 NAV/RNAV10 RNP10 A1 RNAV1 D1)</p>

FF WIIIZQZX 220247 WIIIIYOYW (DEP-FDO001/A1200-WIMM0502-WIII-DOF/120613)	NNNNZCZC ACC0005 220332 CAC0745 220247 FF WIIIZQZX 220247 WIIIIYOYW (DEP-FDO001/A1200-WIMM0502-WIII)
FF WIIIZQZX 220251 WIIIIYOYW (CNL-FDO001-WIMM0500-WIII-DOF/120613)	NNNNZCZC ACC0006 220336 CAC0762 220252 FF WIIIZQZX 220251 WIIIIYOYW (CNL-FDO001-WIMM0500-WIII)
FF WIIIZQZX 220249 WIIIIYOYW (DLA-FDO001-WIMM0600-WIII-DOF/120613)	NNNNZCZC ACC0012 220430 CAC0754 220250 FF WIIIZQZX 220249 WIIIIYOYW (DLA-FDO001-WIMM0600-WIII)
FF WIIIZQZX 220303 WIIIIYOYW (CHG-FDO001-WIMM0500-WIII-DOF/120613-18/REG/PKLIF)	NNNNZCZC ACC0008 220338 CAC0817 220304 FF WIIIZQZX 220303 WIIIIYOYW (CHG-FDO001-WIMM0500-WIII-18/REG/PKLIF)
FF WIIIZQZX 220253 WIIIIYOYW (RQP-FDO001-WIMM0500-WIII-DOF/120613)	NNNNZCZC ACC0007 220337 CAC0771 220254 FF WIIIZQZX 220253 WIIIIYOYW (RQP-FDO001-WIMM0500-WIII)

FLIGHT PLAN TEST BETWEEN MAKASSAR AND JAKARTA

INPUT NEW FORMAT FROM MAKASSAR	OUTPUT PRESENT FORMAT IN JAKARTA
<p>NNNNZCZC ACC0010 220341 CAC0917 220320 FF WIIIZQZX 220324 WAMMYOYE (FPL-FDM002-IS -B739/M-DIP1P2P3P4P5R/D1 -WAMMO330 -NO430F320 MWB W15 BPN W15 DKI -WIIIO210 WIPP -ST5/ATFM PBN/D430S1 DDF/120622 REG/PKLIA)</p>	<p>NNNNZCZC ACC0011 220342 CAC0917 220320 FF WIIIZQZX 220324 WAMMYOYE (FPL-FDM002-IS -B739/M-DIRZ/AD -WAMMO330 -NO430F320 MWB W15 BPN W15 DKI -WIIIO210 WIPP -REG/PKLIA STS/ATFM COM/D1 NAV/RNAV1 D4 RNP APCH SI RMK/10A/P1P2P3P4P5)</p>