



ASBU/Lima-WP/1
15/3/2012

INTERNATIONAL CIVIL AVIATION ORGANIZATION
SAM REGIONAL OFFICE

SPECIAL IMPLEMENTATION PROJECT (SIP)

**WORKSHOP ON PREPARATIONS FOR AN-CONF/12 – ASBU METHODOLOGY
AND USE OF IFSET TOOL**
(Lima, Peru, 16-20 April 2012)

AGENDA

AGENDA ITEM	Performance Improvement Area (PIA)	Operational Enhancements and Enablers
Agenda Item 1	Strategic Issues	<ul style="list-style-type: none"> Operational Concept – Global ATM Community Vision ANConf/12 agenda – An Overview Performance Framework for Efficiency Global Air Navigation Plan (GANP) – A Framework for Global Planning Aviation System Block Upgrades (ASBU) Methodology – Overview and details of the Modules for ASBU Block 0, Block 1, Block 2 and Block 3 Technology Roadmaps – C,N,S, Avionics and IM
Agenda Item 2	ASBU PIA 1: Greener Airports	<ul style="list-style-type: none"> Dynamic Wake Turbulence Separation Airport Collaborative-Decision making (CDM) ASBU Block 0: Planning and Implementation of 5 Modules
Agenda Item 3	ASBU PIA 2: Globally Interoperable Systems and Data – Through Globally Interoperable SWIM	<ul style="list-style-type: none"> System-Wide Information Management (SWIM) Flight and Flow Information for a Collaborative Environment (FF-ICE) Aeronautical Information Management(AIM) Integrated Meteorological Information ASBU Block 0: Planning and Implementation of 3 Modules
Agenda Item 4	ASBU PIA 3: Optimum Capacity and Flexible Flights – Through Global Collaborative ATM	<ul style="list-style-type: none"> Collaborative-Decision Making (CDM) Remotely-Piloted Aircraft Systems (RPAS) ASBU Block 0: Planning and Implementation of 7 Modules
Agenda Item 5	ASBU PIA 4: Efficient Flight Path – Through Trajectory-based Operations	<ul style="list-style-type: none"> Trajectory-based operation (TBO) Continuous Decent Operations (CDO) Continuous Climb Operations (CCO) ASBU Block 0: Planning and Implementation of 3 Modules
Agenda Item 6	Implementation Issues	<ul style="list-style-type: none"> Environment – Measuring benefits of operational improvements through ICAO Fuel Savings Estimation Tool (IFSET) Economic issues– Formulation of Business Cases Regional Air Navigation Plan (ANP)- Online Planning Tools and Methodologies

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Agenda Item 7	Hands-on Exercises	<ul style="list-style-type: none">▪ Development of Air Navigation Report Forms (ANRFs) for planning and implementation of ASBUs.▪ Use of IFSET in measuring environmental benefits accrued from operational improvements▪ Group discussions

Reference Documents:

1. Global Air Traffic Management Operational Concept (ICAO Document 9854);
2. Global Air Navigation Plan (ICAO Document 9750);
3. Manual on Global Performance of the Air Navigation System (ICAO Document 9883);
4. The Air Traffic Management System Requirements (ICAO Doc 9882);
5. Air Navigation Plan — Caribbean and South American Regions, Volume I — Basic ANP and Volume II — FASID (ICAO Document 8733),
6. Manual on Air Navigation Services (ANS) Economics (ICAO Document 9161);
7. Development of business case for the implementation of CNS/ATM Systems – Guidance Material (available on ICAONET);
8. To download IFSET, go to: <http://www.icao.int/environmental-protection/Pages/Tools.aspx>; and
9. Performance-based Navigation (PBN) Manual (ICAO Doc 9613);

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