

Guttural Hierarchy

"Huh?"

"Ahhhh"

"Duh"

"Aha!"

...What are these things?

...I see.

...rabbits eat grass, wolves eat rabbits, grass grows in soil.

if I kill the wolves, the rabbits will eat all the grass, and the soil will wash away.

Data

Information

Knowledge

Wisdom

Situational Awareness:

Don't fool with Mother Nature!

*Global Harmonization
Through Collaboration*

Welcome & Introduction

*Presented By: Joshua Gustin, Director
Aeronautical Information
Management*

Date: August 28, 2012



**Federal Aviation
Administration**

**AIR TRANSPORTATION INFORMATION
EXCHANGE CONFERENCE - (FEATURING
AIXM, WXXM AND FIXM)**

August 28, 2012 - August 31, 2012
NOAA Auditorium and Science Center
Silver Spring, Maryland



Overview



Air Transportation Information
Exchange Conference - (featuring
AIXM, WXXM and FIXM)

- Participants include:
 - 350+ Registrants from 13 countries
 - 16 Vendors
- Topics will range from **International developments** to **Information structures** to **Emerging Trends**
- New this year
 - Breakout sessions for AIXM, WXXM & FIXM
 - Lightning round event for our vendors



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Our Speakers

Thanks to all our conference speakers and vendors

Keynote Speakers :

(Day 1):

Steve Bradford, FAA Chief Scientist

Paul Bosman, Eurocontrol, SWIM/EA Unit Manager

(Day 2):

Dave McComb, Semantic Arts, Inc.

Dennis Wisnosky, Retired DOD Chief Architect



Federal Aviation
Administration



More on the Main Topics

- **International Developments**

- Concurrent & Collaborative efforts across the International Air Transportation Community

- **Information Structures**

- Organization of data and information to be shared among the ATM domains on SWIM

- **Emerging Concepts**

- What is on the horizon and what is currently being done to look at these new concepts – includes semantics.



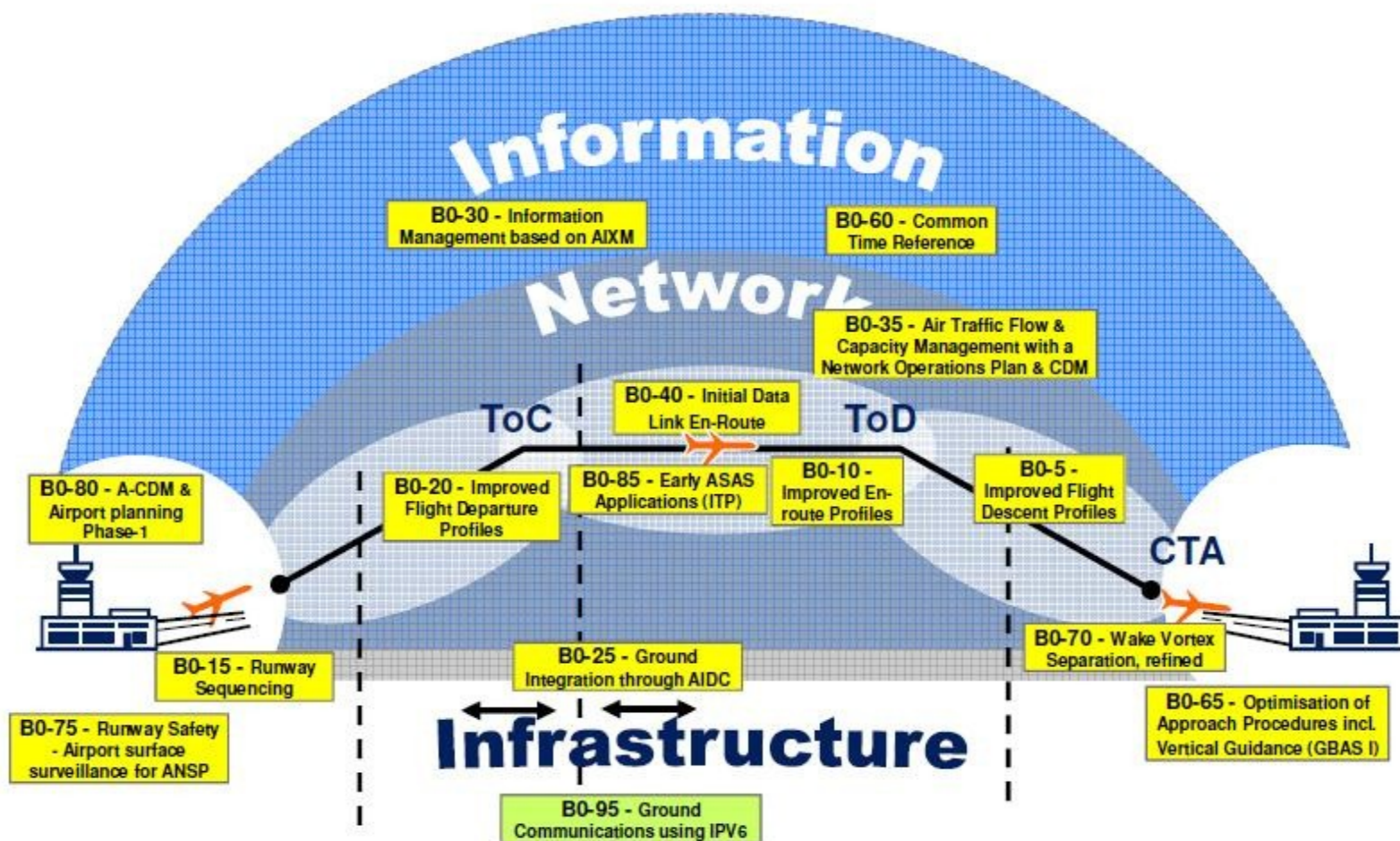
Why is ATIEC important...

- ICAO is Developing Aviation System Block Upgrades
 - Framework for Global Harmonization supporting worldwide ATM modernization
 - Modules or “chunks” of upgrades developed and implemented within set time parameters
- Includes a global concept component for Information management – integration – system wide

The ATIEC discussions on information exchange promotes global harmonization and interoperability



Information for all phases of flight



Our role...



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All cogs in the information management machine... working together to deliver information to create a safe, seamless, and efficient global aviation system.

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Let the collaboration continue...



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**Collaboration
creates new
possibilities &
opportunities which
wouldn't otherwise
exist!**

Introducing our Keynote Speaker:



Steve Bradford, FAA, Chief Scientist