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Outline

- TRWG History
- Goals of Working Group
- NWS TFM Support
- Team Organization
- Progress to Date
- Future Plans
TRWG History

- Formed August 2010

- Three Goals
  - Baseline Current Weather Support to Traffic Flow Managers
  - Determine requirements for near term until NextGen MOC
  - Develop Implementation Plan to begin October 2011

- Roadmap Delivered November 2010
Weather Support to Traffic Flow

- Scheduled and Event Driven Briefings
- CCFP
- TRACON forecast production

- National Guidance
- Weather Models
- Wind forecasts
- LAMP
- SWPC Products

- Terminal aerodrome forecasts (TAF)
- National Digital Forecast Database

- Volcanic ash advisories

Support to Traffic Flow Management

- CCFP
- CIP/FIP/GTG
- ADDS

- Volcanic Ash Advisory Center
Team Organization

Program Management Team
Baseline Team
Requirements Team
Quality Team
Implementation Team

TRWG
Program Management

- Develops Program Management Plan
- Provides Leadership to Team
- Coordinates with Agency Heads and Other Entities
- Identifies and Meets Challenges
Baseline

- Lead Agency NWS
- Identifies Current Capabilities
- Assists with Performance Measure Development
- Oversees Baseline Cost Project
- Performs Gap Analysis along with Requirements Team
Requirements

- Lead Agency - FAA
- MOC and Near-Term Weather Support Requirements
- Performs Gap Analysis along with Baseline Team
- Coordinates Across Agency Business Lines
Requirements

Current
- Products and services
- Impact decision support

MOC
- Transition from product-based to Net-enabled weather
- Impact decision support services

FOC
- Digital weather information in support of NextGen
- Impact decision support services

TRWG Responsibility
Quality

Define Initial Measures

Develop Performance Measures

Develop QMP

Develop Processes & Directives

Integrate Into QMS

Define Initial Measures

Develop Performance Measures

Develop QMP

Develop Processes & Directives

Integrate Into QMS

Identify Researchers

Define Requirements

Identify Appropriate Method

Identify Obstacles

Design Performance Metric

Verify Metric

Identify What

Identify How Quantified

Identify Target Goal

Identify Report Frequency
Team’s Influencers

Influences External to TRWG

- JPDO
- NWS Processes
- FAA Processes
- NextGen
- ICAO
- Aviation Industry
Progress to Date

- Roadmap Delivered November 2010
- Requirements Developed March 2011
- Baseline Cost Nearly Complete
- New Performance Measures Identified
- Draft Implementation Underway
New Performance Measures for Baseline

- Weather performance measures linked to Traffic Management Initiatives provided to NWS
  - En Route Performance Measure:
    - Airspace Flow Programs/En-route area (AFP 5 and 8)
      - Lead-time for onset and cessation of thunderstorms with probability greater than 50% of occurrence
  - Terminal Performance Measure:
    - Ground delay/Ground stops in Terminal areas for the 30 core airports
    - Lead-time for onset and cessation of: (and timing error)
      - Marginal VFR and IFR conditions
      - Wind direction change of 30 degrees or more with speed GTE 12 knots
  - TRACON Performance Measure:
    - Lead-time for the onset and the cessation of a thunderstorm with a probability equal to or greater than 50% that are within 150nm (Diameter) of the 30 core terminals
Future Plans

- **Plenary Meeting**
  - End of August
  - FAA Command Center

- Deliver Implementation Plan in September 2011

- Continue Developing New Performance Measures

- Begin Implementation in October 2011