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CDM NEWSLETTER APRIL 2012

CDM General Meeting

The next CDM General Meeting will be held in Orlando, FL on May 8-10, 2012 and will be located at JetBlue Orlando Support Center. The JetBlue address is 8265 Hangar Blvd, Orlando, FL 32827. If you plan on attending the meeting, please complete the registration form located at [2012 CDM Registration](#)

May 8 will consist of: Traffic Management Officer (TMO) training and CDM Sub-team meetings until noon, and Welcoming comments with General Meeting kickoff at 1:00 pm. The remainder of the afternoon will consist of informational presentations. May 9 will consist of: Ideas Festival and CDM Sub-team Break-out sessions that will be interactive (workshop type format). May 10 will consist of: Continuing the CDM Break-out sessions and a Plenary Session.

CDM Sub-team Updates

Traffic Flow Management System (TFMS) Auxiliary Platform Systems (TAPs)

TAPs has officially completed their task to develop TAP test scenarios for Ground Delay Programs (GDP) and Airspace Flow Programs (AFP). TAPs members selected parameters and scope for select delay program scenarios that accurately reflect current operational expectations, with varying parameters as necessary. Additionally, GDP scenarios included Reserve Rate settings and AFP scenarios included Flow Constrained Area (FCA) parameters. The team finished the three types of scripts as identified below.

1. Pre-scripted scenarios/program
2. Ad-hoc testing (something specific)
3. Connectivity Testing - to ensure changes are performing as expected.

The TAPS team provided the final package to the CSG in early April and the CSG reviewed the package and considers the task complete. The TAPs Co-leads also provided training material to the CDM Training Team. The scenarios, procedures,

and any other requirements will be provided to the TFMS Production Center (TPC) and the stakeholders. The completed package will benefit multiple users. At this time, no further TAPs status will be provided in future CDM Newsletters.

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Flow Evaluation Sub-team (FET) – The FET Capacity Estimation sub-team have been discussing the Capacity Estimation Concept of Operations (ConOps) and evaluated the latest changes. Questions regarding the document and concept development were created. The questions will be discussed at the CDM General Meeting to solicit additional Industry and Controller input. It is necessary to receive this input to provide a real-time operational concept. The FET continues to incorporate changes on the Required Time of Arrival (RTA) ConOps. The RTA ConOps is expected to be finalized and provided to the CSG prior to the CDM General Meeting. There were some last minute changes which delayed the delivery of this document. The FET is still in need of a new NATCA Representative on the team. The FET is also looking for additional Industry representatives. An FET goal is to present the RTA ConOps and RNAV Playbooks to the CSG next month.

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Future Concepts Sub-team (FCT) – The FCT has been working on the tasking timeline and



The FCT determining scenarios.

agenda. The agenda was finalized and documents were prepared during April. The FCT met April 17-19 in McLean, VA. Team members participated in discussions surrounding Flight Objects. Concept scenarios were amended and developed based on Flight Object Elements that were established in the ConOps document.

The focus of the discussions were on Fleet Prioritization, Crew Capabilities and Aircraft Capability scenarios. Scenarios were mapped out relating to each phase of flight and benefits were identified. The Flight Object FAA Engineering team responded positively to the information provided during the meeting. A concept tasking timeline has been requested of the FAA AJV-72 team. The timeline will help to further prioritize discussion items and optimize FCT meetings. Following the May CDM General Meeting, the FCT

will meet at the end of May in Daytona, Florida at the Embry Riddle Aeronautical University Next



The FCT discussing task completion milestones.

Generation Testbed facility. The FCT will participate in Flight Object demonstrations and provide continued Industry and Controller input to concept scenarios.

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Surface CDM System Sub-team (SCT) – The SCT completed the first phase of the surface ConOps validation effort. The SCT has recently received a new task from the CSG to: *Establish initial Surface CDM data elements which complement existing CDM data (e.g., Flight Create, Modify, and Cancel)*. This task will update Version 2.0 of

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the System Requirements document for CDM dated April 7, 1997 to provide for initial surface data transmittal from CDM members. This effort will be in support of U.S. Airport Surface CDM Concept of Operations and other FAA/Industry surface data needs for TFDM, TFMS, TBFM, STBO, etc. The new task is expected to be completed in July.

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Weather Evaluation Sub-team (WET) – The WET held several telcons in April to discuss details on the Operational Bridging (OB) demonstration and evaluation planned to start in mid-July and the OB dry-run test at the Aviation Weather Center (AWC) planned for June 4-15. A WET meeting is planned immediately following the OB dry-run. The communications and resources at the ATCSCC to assist in the OB test effort in mid-July are ahead of schedule. The Extended Convective Forecast Product (ECFP) became operational on April 16 and may be found at:

<http://www.aviationweather.gov/products/ccfp/ecfp> . The ECFP is intended to provide FAA and aviation industry traffic flow planners and collaborators a quick-look forecast of the greatest probability of convection/thunderstorms. By using CCFP-style graphics, users familiar with

CCFP can easily determine where traffic constraints are most likely beyond the normal CCFP valid times, including overnight hours, and through days 2 and 3.

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CDM Training Sub-team (CTT) - The CTT is finalizing this year's spring training package and will be available soon. All requested information from the CDM Co-leads has been provided to the CTT.

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APRIL 2012

Coming Soon to CDM

CDM General Meeting

Location: JetBlue Facilities
Orlando, FL
May 8–10, 2012

CDM Sub-teams Meeting

Location: Orlando, FL
May 8, 2012

CSG Meeting

Location: Orlando, FL
May 8, 2012

FCT Meeting

Location: Daytona Beach, FL
May 22-24, 2012

CDM Leadership Telcon

Location: Vint Hill
Warrenton, VA
June 11, 2012

WET OB Dry-Run and Meeting

Location: Aviation Weather Center
Kansas City, MO
June 4–15 (OB Dry-Run)
June 13-15 (WET meeting)

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