

CDM

2020 CAT Update



CDM
Collaborative
Decision Making

CAT Update

(CDM Automation Team)

Overview

Closed Tasks

#91: TFMS Open Ticket Analysis

Current Tasks

Task #90: NTML Data Use and Analysis

Task Task #95: Flight Matching

Participation from Airport Council International North America (ACI-NA)
and four pilot CDM Airports: NYNJPA, DFW, LAS & FLL

CAT Task #91: TFMS Open Ticket Analysis Task

CAT recommended the:

PMO research adding a field to the AIMS tickets that will allow them to track NAS operator specific tickets. The PMO will investigate capability of emailing an automated updated ticket list.

Create a new page on the *cdm.fly.faa* web site where TFMS Maintenance Notifications and Alerts can be posted. The site could also but used to provide automation updates/information for large scale/critical outages such as the TSD-C outage experienced in October 2018. If possible, include a link to a list of open tickets.

CSG should consider requesting CDM participation on the National Stakeholders Issue Board.

For NAS-Wide/Critical automation issues, the PMO should establish a standardized procedure for communicating the problem and the impact. There should be a designated PMO POC for the NAS operators to contact. In addition, each CDM member should provide a POC that will be the focal for their operation.

Contact lists for CDM POCs, such as the CDM exploder email list, should be verified on a regular basis, such as annually

CAT Task #90: NTML Data Use and Analysis

CAT will conduct the following activities:

- Assess current operational capabilities, which utilize NTML data.
- Assess NextGen capabilities also expected to access NTML information.
- Provide a documented analysis which describes the tools using NTML, the information accessed and findings realized resulting in shortfalls or benefits.
- Engage with applicable stakeholders to provide input to the assessment and validation of the results.
- Generate a report on the operational shortfalls, recommendations including documentation of resources used in conducting this analysis.

CAT Task #90: NTML Data Use and Analysis

Task Progress:

- CAT identified APREQ restrictions from NTML are not in the SWIM data feed
 - APREQ restrictions should begin populating SWIM data with the deployment of R14
- CAT recommends testing of NTML MIT entries and the results within the SWIM TFM Flight and Flow feed
- CSG approved participation on this task by TMC(s) from the field
- Standardization of NTML entries is key

CAT Task #95: Flight Matching

CAT will conduct the following activities:

The CDM Automation Team (CAT) will analyze current flight matching processes within TFMS and make recommendations for improving flight matching.

Task Progress:

The CAT identified TFMS logic that is creating duplicate flights as well as deleting legitimate flights

The PMO has dedicated personnel to assist CAT by providing detailed flight matching logic