

# **Minutes of the Federal Aviation Administration (FAA) SWIM Industry Collaboration Workshop – SWIM Industry-FAA Team (SWIFT) Meeting #1 November 9, 2017 (1:00pm-4:00pm)**

American Farm Bureau Federation, 600 Maryland Avenue S.W., Suite 1000W  
(Washington Room), Capital Gallery West, Washington, DC 20024

## **1. Opening of the Meeting**

- 1.1. The 1<sup>st</sup> Meeting of the Federal Aviation Administration (FAA) SWIM Industry Collaboration Workshop – SWIM Industry-FAA Team (SWIFT) was called to order by CNIP Group Manager and SWIFT Sponsor Josh Gustin, on Thursday, November 9, 2017 at 1:00p.m. The meeting was held at the American Farm Bureau Federation, 600 Maryland Avenue S.W., Suite 1000W (Washington Room), Capital Gallery West, Washington, DC 20024
- 1.2. Representatives from FAA, ACI, A4A, AOPA, Alaska Air ( Virgin America), American Airlines, AvMet Applications, CGH Technologies, Delta Airlines, FAA-NextGen, FedEx, Harris, Horizon Air, IATA, JetBlue, Metron Aviation, NATCA, NBAA, Noblis, RAA, Red Cloud, Rockwell Collins/ ARINDirect, Southwest Airlines, Sabre Systems, Passur, SeaTec, SaabSensis, airlines, and the public attended. Please see Appendix A.
- 1.3. Josh Gustin (FAA CNIP Group Manager), Felisa White (FAA SWIFT Fed Lead), Rob Goldman (Delta), Jeri Groce (SWIM Program Manager), David Almeida (LS Technologies, Facilitator) welcomed attendees to the meeting on Thursday afternoon, November 9<sup>th</sup> .

Attendees introduced themselves and shared the company they represented, their focus area (IT, Engineering, Operations, Research, Policy or Other) and whether they “Got It” (I’m a SWIM expert), “Get It” (I’m familiar with SWIM), or “What Is It” (I’m new to the concept of SWIM).

Below is the approximate percent of attendees who represented each area. Note that approximately 44% of attendees represented a blended focus area so are counted below in multiple areas:

- 26% represented Engineering
- 28% represented IT
- 25% represented Operations
- 9% represented Policy
- 7% represented Research
- 11% represented Other

Below is the approximate percent of attendees based on their level of understanding of SWIM:

- 33% indicated “I Got It”
- 49% indicated “I Get It”
- 18% indicated “What is it”

## 2. Interactive Working Session

2.1. Participants were asked to identify key metrics and strategic initiatives where information is a critical factor to their organizations. The inputs were written on colored sticky notes to align to the focus areas below. Inputs will feed into future use cases and focus group discussions for SWIFT working groups

- Operations - Green
- IT/Engineering - Yellow
- Ops Research - Orange
- Policy - Purple
- Other – Blue

### **Parking Lot Items/ Questions the Resulted From Work Session:**

- How does SWIFT relate to other working groups (e.g., CDM, NIWG)?
- What is the scope of the SWIFT?
- What problems is SWIFT trying to solve?
- What are the priorities?
- How does the data dictionary relate to the international data standards?
- Should we include post-ops analysis in the SWIFT? (yes)
- How can we make SWIM more user-oriented?
  - Able to just get the data I want
- How can we develop a collaboration environment which allows the sharing of solutions to common problems (GitHub for aviation)?
- How do we avoid stove piping services and data?
- How do we handle post-ops analysis and reporting?
- Will service versioning be tracked on the OSD?
- Will historical outage information be available via the OSD?
- How can SWIFT users get access to the OSD?
- Send SWIFT agendas out in advance of the meetings
- How do we learn what is available from SWIM and how it can be used?
- How can we facilitate a think tank which fosters discussion on how FAA data can be used?
- How can we map operational problem to available data?
- How can we create a report card that tracks airlines migration to SWIM services?
- How do we address third party vendor access to MOA data?
- How often can the prioritization of systems/services be put through the data dictionary process change?
- How can the data dictionary group reuse work that has already been done?
- How can we create a space that allows coordination between SWIFT subgroups and other working groups?
- ATO2
- What feedback is the FAA asking the airlines to provide for the DD
  - One feedback is to focus on improving departure rates in the NE corridor
- Is there a tool for tracking new issues (e.g., NOTAM Formatting)?

## 3. Collaboration Session on SWIM Services

- 3.1. After being briefed on services provided by the SWIM Program, attendees discussed SWIM services being used and addressed operational and technical needs as well as areas for improvement.
- 3.2. One of the main objectives of the SWIM Industry Collaboration Workshop was to serve as a listening session to know what was important to participants to assist in standing up the SWIM Industry-FAA Team (SWIFT).

#### 3.2.1. SWIFT Charter

The purpose of the SWIFT is charter is to improve information exchange among aviation community stakeholders using SWIM

- Intent: To provide a collaborative environment between aviation industry subject matter experts and FAA SWIM program experts to identify how to best employ SWIM Information Services
- Goal: Build FAA and industry partnerships, accelerating NAS-wide adoption of SWIM data and information services by external stakeholder operations leading to enhanced situational awareness, improved decision making, great system performance and improved system predictability

#### 4. Action Items

- SWIM Operational Context Project
  - Team to provide feedback on the current SMES documentation
  - Seeking inputs on the prioritization of the planned documents (To correspond with slide 58)
- SWIM Operational Status Dashboard
  - Team to provide feedback on Operational Status dashboard
  - Identify a Work group that would provide feedback on prototype
  - FAA send link to Operational Status Dashboard (OSD) Prototype
- Next meeting: First week of February 2018
  - Additional information forthcoming from [SWIFT@FAA.GOV](mailto:SWIFT@FAA.GOV)
  - Review Parking Lot Items to inform future agenda discussion topics
- Revisit the use cases participants have already developed that could be added to the library, leverage the data that we already in our archives.
- Discuss how participants see staffing the SWIFT, POCs needed from your groups
  - A published in advance agenda will help send the right people, need it further than a week out to make sure they can get the right people (**Action to be Taken:** Planning team add to tactical planning checklist)
- Discuss whether potentially an Industry Day might help to get to the next level down

**Appendix A: SWIM Industry Collaboration Workshop Attendee List – November 9, 2017**

Rune Duke, AOPA	Chris Troxell, FAA	Stefanie Calabrese, Noblis
Frank Oley, A4A	Natee Wongsangpaiboon, FAA-NextGen	Morgan Lindsay, Noblis
Chris Oswald, ACI	Tim Rudolph, FedEx	Korin Torrence, Noblis
Aneil Patel, ACI	Steve Link, Harris	David Vera, Noblis
Kathryn Crispin, America Airlines	David Rimeli, Harris	David Brukman, Passur
Tim Niznik, American Airlines	Lisa Sullivan, Harris	Stacey Bechdolt, RAA
Mark Klopfenstein, AvMet App	Bill Murphy, IATA	Jennifer Sunderman, RAA
Mike Sammartino, CGH	Joe Bertapelle, JetBlue	Greg Meadows, Red Cloud
Steve Busey, Delta	Lisa Faraj, JetBlue	James Brown, Rockwell Collins
Rob Goldman, Delta	Christopher Gottlieb, JetBlue	Thomas Green, Rockwell Collins
Mark Hopkins, Delta	Mohammed Nabi, JetBlue	Fritz Koennecke, SaabSensis
Jack Hurley, Delta	Tracy Rosas, JetBlue	David Nels, SaabSensis
Garrison Smith, Delta	David Almeida, LS Technologies	Nick Hoffman, Sabre Systems
Bill Tuck, Delta	Carol Shiflett, LS Technologies	Carson Martson, Sabre Systems
Jeri Groce, FAA	Stuart Wilson, LS Technologies	Jeff Scozzafava, Sabre Systems
Josh Gustin, FAA	Brett Fujisaki, Metron Aviation	David Deason, SeaTec
Michael Huffman, FAA	Anuja Verma, MITRE	Nehal Reddy, SeaTech
Chris Pressler, FAA	Jeff Woods, NATCA	Chris DiPrima, SFO
Felisa White, FAA	Heidi Williams, NBAA	
Denny Kriczky, FAA	David Vera, Noblis	