

PASS Article 13 / SME Program Report

Date of Update: Month of June 2017

Program Name: NextGen Weather Common Support Services Weather (CSS-Wx)

Program Contact/s:

Program Manager: Alfred Moosakhanian; Contracting Officer's Rep (COR) / Program Lead: William N Brown; Logistics Lead: Lawrence Mathis; Requirements Lead: Ramin Rahbin; Human Factors Lead: Karl Kaufmann; Information Security Lead: Sonoka Ho; Contracting Officer: Dana D. Brooks; Business Manager Support: Jeff Reeder; Business Manager: Ramin Rahbin; Requirements Analyst: Eric Mandel; NATCA Rep: Matt Tucker

INTRODUCTION

The CSS-Wx System will enable NAS systems to access high-resolution, aviation weather data to meet their individual needs and to support NAS operations. The weather data will include atmospheric observations and data obtained from a variety of producing systems. The CSS-Wx System will filter the weather data as required to meet the specific needs of individual consumer systems (herein called "consumers").

The CSS-Wx System will be the single source for aviation weather data for the FAA and will publish the weather data in standardized formats to consumers via the System Wide Information Management (SWIM) System. The CSS-Wx System will also publish weather data in standardized formats for NAS users who are external to the FAA.

The CSS-Wx System will consist of some combination of developmental software, modified commercial, off-the-shelf (COTS) software, and COTS hardware. It will be deployed at two central locations (the Atlanta and Salt Lake City National Enterprise Management Centers), 24 Air Route Traffic Control Centers and Center Radar Approach Controls, 33 Terminal Radar Approach Controls, the Air Traffic Control System Command Center, and the William J. Hughes Technical Center for a presence at 61 FAA facilities.

Contractor:

HARRIS CORPORATION Government Communications Systems (GCS) Melbourne, FL

Site/Field Maintenance:

The CSS-Wx prime contractor will provide continuous (24 hours per day, 7 days per week, 365 days per year) call-in help desk support for system support, preventative / corrective maintenance. FAA Technical Operations Service will be responsible for monitoring and control, coordination, and software updates.

Key Sites:

SLC and ATL NEMCs; ZLC, ZOA, ZTL ARTCCs; A80 and S56 TRACONs

Current Program Status:

The program is on track for the Key Site SAT testing to start on 08/30/2018

June 16, 2017 Completed Increment 6 design review. This will be the last increment prior to FAT testing at the Harris.

Key Site Survey is scheduled to start on 07/18/2017. The schedule is as follows:

ATL NEMC 07/18/2017

ZTL ARTCC 07/19/2017

A80 TRACON 07/20/2017

SLC NEMC 07/25/2017

S56 ATCT 07/27/2017

ZOA ARTCC 08/01/2017

Issues Affecting PASS:

The Program Office is working with NASEO and TechOps to determine the final location of the CSS-Wx enterprise equipment. The current plan is to locate the Enterprise equipment at the SLC and ATL NEMC facilities. However, the program office has a concern regarding available space and environmental resources.

Program Issues:

There is none at this time.

Identify Support Needs:

There is none at this time.

Other:

Documentation Attached: