

April 30, 2019

PASS Liaison / Representative Update

Date of Update: 04-30-19

Program Name: ERAM System Enhancements/Technical Refresh (SE/TR)

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Current Program Status:

ERAM Tech Refresh 2:

This report is a continuation of the previous report dated 12-31-2018. Because of the Government shutdown earlier in the year, Tech Refresh early "D" deployment schedule was moved to the right. However, as of April 30, 2019, TR2 early D deployment is completed. The following are the approximate dates of completion:

- ZKC: March 22, 2019
- ZID: March 31, 2019
- ZTL: April 4, 2019
- ZME: April 19, 2019

TR2 full deployment schedule was shifted to the right as well because of the Government Shutdown. The following are the new planned, scheduled key sites activities for TR2 Full.

- ZFW: Phase one (TTL) June 17, 2019
Phase two OPS Sep 30, 2019 (Two Sectors per Area)
Phase three OPS Jan 13, 2020 (Full)
- ZMP: Phase one (TTL) Aug 19, 2019
Phase two OPS Oct 21, 2019 (Two Sectors per Area)
Phase three OPS Jan 20, 2020 (Full)
- ZOB: Phase one (TTL) Aug 19, 2019
Phase two OPS Nov 14, 2019 (Two Sectors per Area)
Phase three OPS Jan 20, 2020 (Full)

In addition to TR2 Full, an added risk mitigation plan is developed called the Alternate Display Path (ADP). The purpose of ADP is to lessen the risk of R-position display (RDP) software application failure while operating on the new Linux processors. ADP involves using and maintaining the current AIX processors through the transition. ADP will operate on software release EAE210.

TR2 OPS evaluation was held April 8, 2019 – April 12, 2019, with no showstoppers.

ADP OPS evaluation is scheduled for June 10 through June 14, 2019.

ERAM Enhancement, ERAM Radar Handoff to NAV Canada:

No additional information to add. See the previous report for a NAV Canada overview.

ERAM Training:

Updates:

Mr. Stephen Michaleski, En Route Automation Requirements, Tech Ops Training Programs AJI 2320, will be retiring at the end of April 2019. Mr. Phillip Mann is on board in the role of Automation Requirements, Tech Ops Training.

Because of the Government Shutdown, a new schedule for the ERAM Admin course development is as follows: The new contractor period of performance ends in July 2019; Contractor Presentation (CP) and First Course Conduct (FCC) is scheduled after July 2019.

OKC training management and AJI management are planning to survey the training needs for ERAM while the FAA Academy upgrades ERAM hardware and software this coming October 2019.

ERAM EAE-200 Tech Refresh (Part 2) Technical Manual (TI) review was held March 17 through March 22, 2019. There were several comments written against the TI manuals, which mostly needs change to formatting.

ERAM Stability/Backup:

ERAM TR2 Full Deployment is scheduled to start June 2019 and will deploy new technology that does not support Enhance Backup Surveillance (EBUS). AJT/NATCA workgroup is ongoing in reference to decisions about options of new technology and or the development of ATC procedures during full outages. In addition, a Safety Risk Management Panel (SRMP) is meeting in reference to EBUS removal (SEE Risk to ERAM Program).

Ongoing Program Status:

An initial TR2 Full deployment waterfall schedule was developed for Key-Sites: ZFW, ZMP, and ZOB as noted on page 1. Further scheduling with site four (ZLC) and five (ZAB) and the other sites is contingent on an In-Service-Decision (ISD) for ERAM and an updated Data Com waterfall.

The Risk to ERAM Program:

There is a risk to the ERAM program current deployment date because of the need for the EBUS SRMP to complete its assessment on the removal of EBUS before Key Sites starts its deployment phases.

Program Issues: (Ongoing)**Identify Support Needs:**

Refresher Training. AJI Management continues discussions on funding.