

# Surveillance and Broadcast Services

## FAA Gulf of Mexico Sustainment Team Update

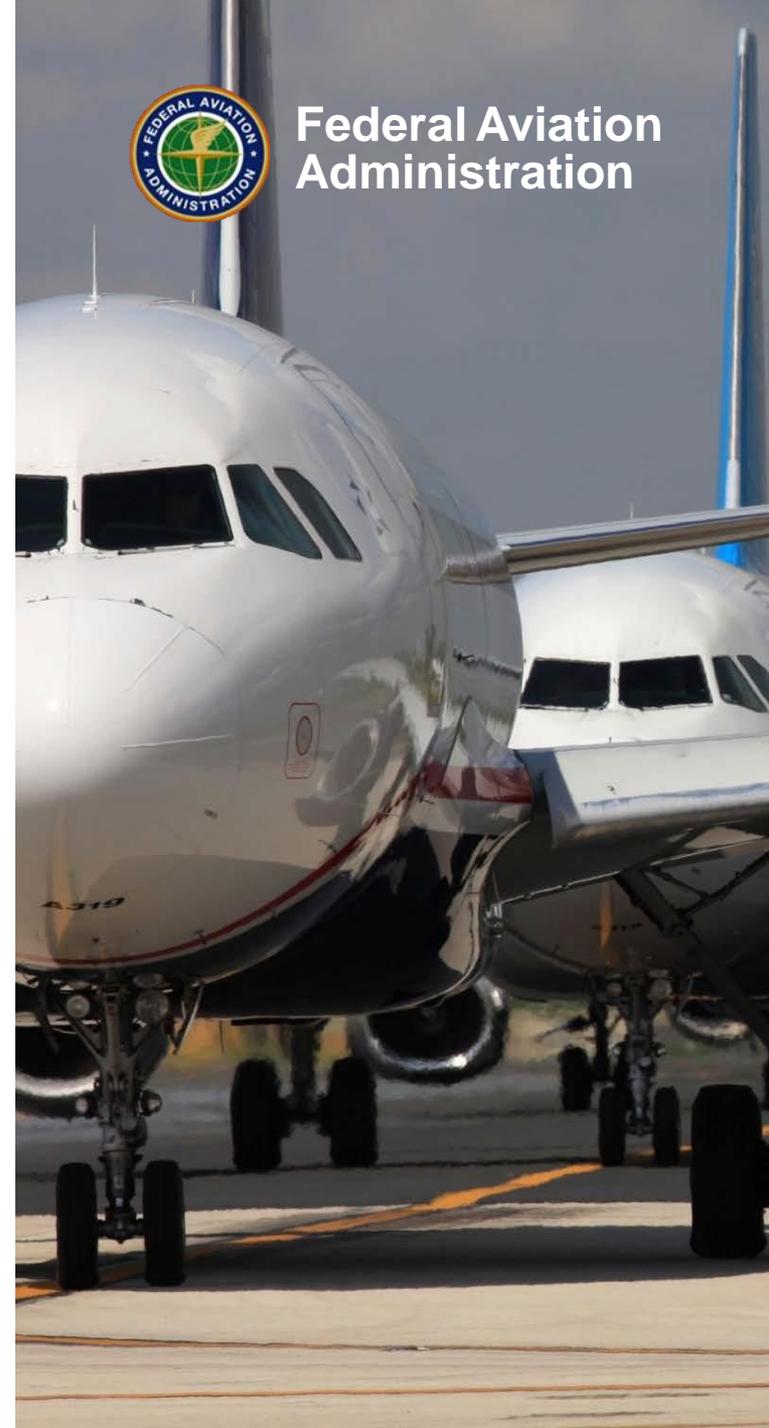
Presented to HSAC General Assembly

By: Rana Obeid, Federal Lead

Date: October 13, 2022



Federal Aviation  
Administration

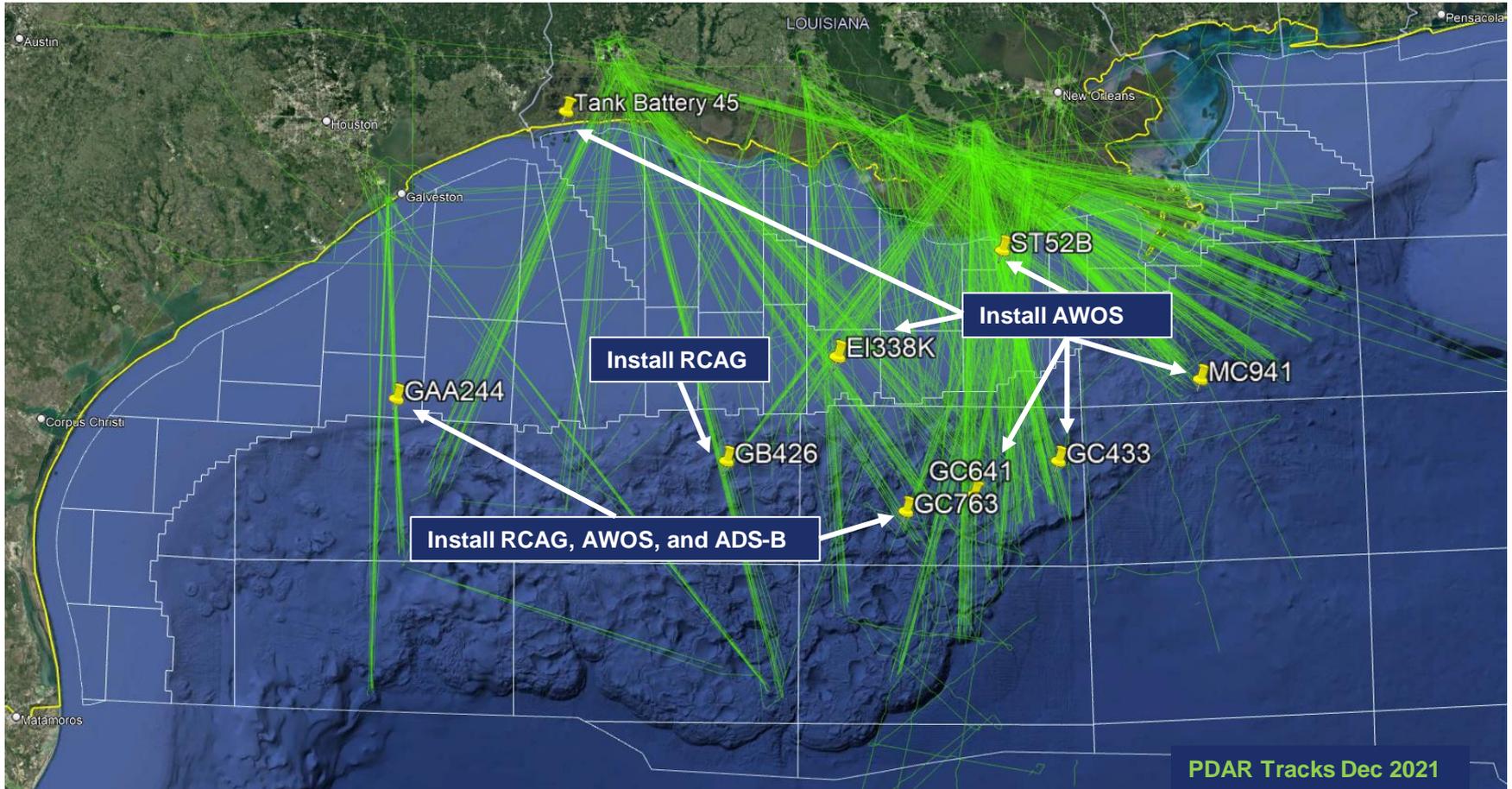


# Agenda

- FAA Infrastructure Projects
- AWOS, ADS-B, & VHF Comm Coverage
- AIC Decisions



# 2022-23 Offshore Installation Projects

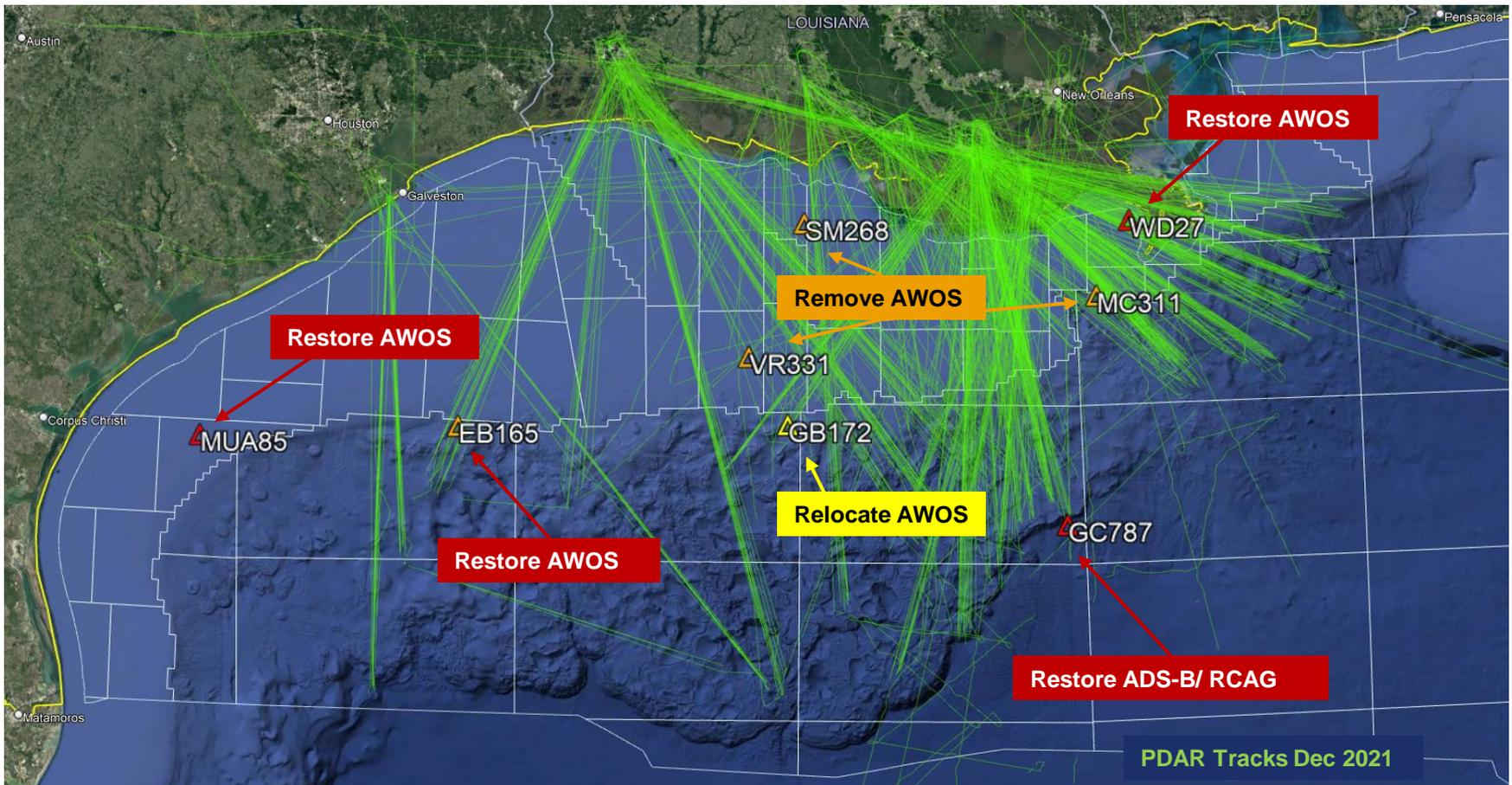


- Install AWOS Green Canyon 433 (Dec 2022)
- Install AWOS South Timbalier 52B (June 2023)
- Install RCAG Garden Banks 426 (June 2023)
- Install ADS-B, AWOS, RCAG Green Canyon 763 (Sept 2023)

- Install AWOS Mississippi Canyon 941 (Oct 2023)
- Install AWOS Green Canyon 641 (Nov 2023)
- Install AWOS Eugene Island 338K (Dec 2023)
- Install AWOS Tank Battery 45 (Dec 2023)
- Install ADS-B, AWOS, RCAG Galveston A244A (Dec 2023)



# 2022-23 Offshore Sustainment Projects



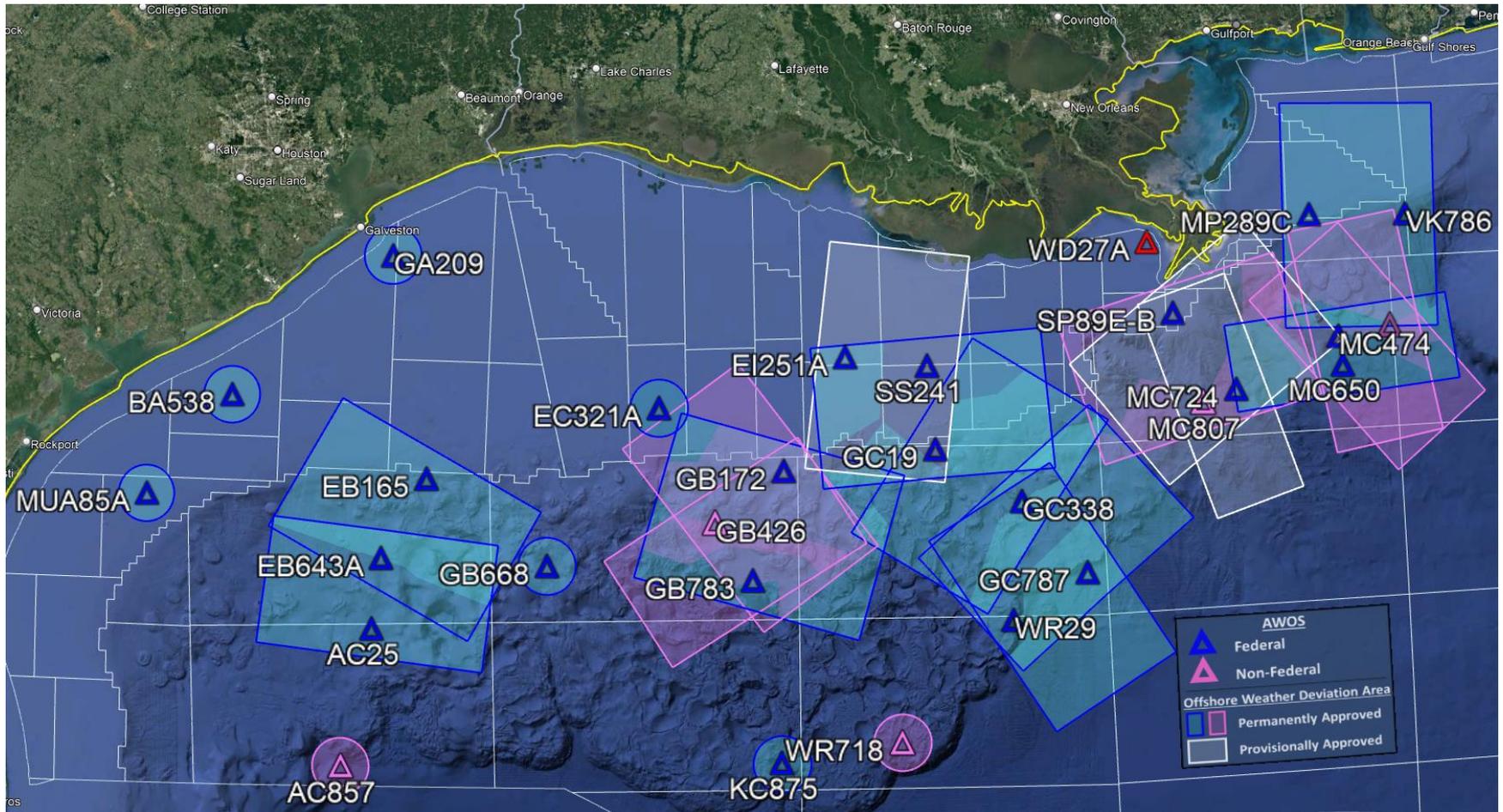
- ✓ Relocate AWOS Garden Banks 172 (Aug 2022)
- Restore AWOS West Delta 27 (Nov 2022)
- Restore AWOS Mustang Island A85A (TBD)
- Restore East Break 165 (TBD)

- Remove AWOS Vermillion 331 (Dec 2022)
- Remove AWOS South Marsh 268 (Dec 2022)
- Remove AWOS Mississippi Canyon 311 (TBD)
- Restore ADS-B/RCAG Green Canyon 787 (TBD)

# AWOS, ADS-B, & VHF Comm Coverage



# AWOS Coverage – October 5, 2022

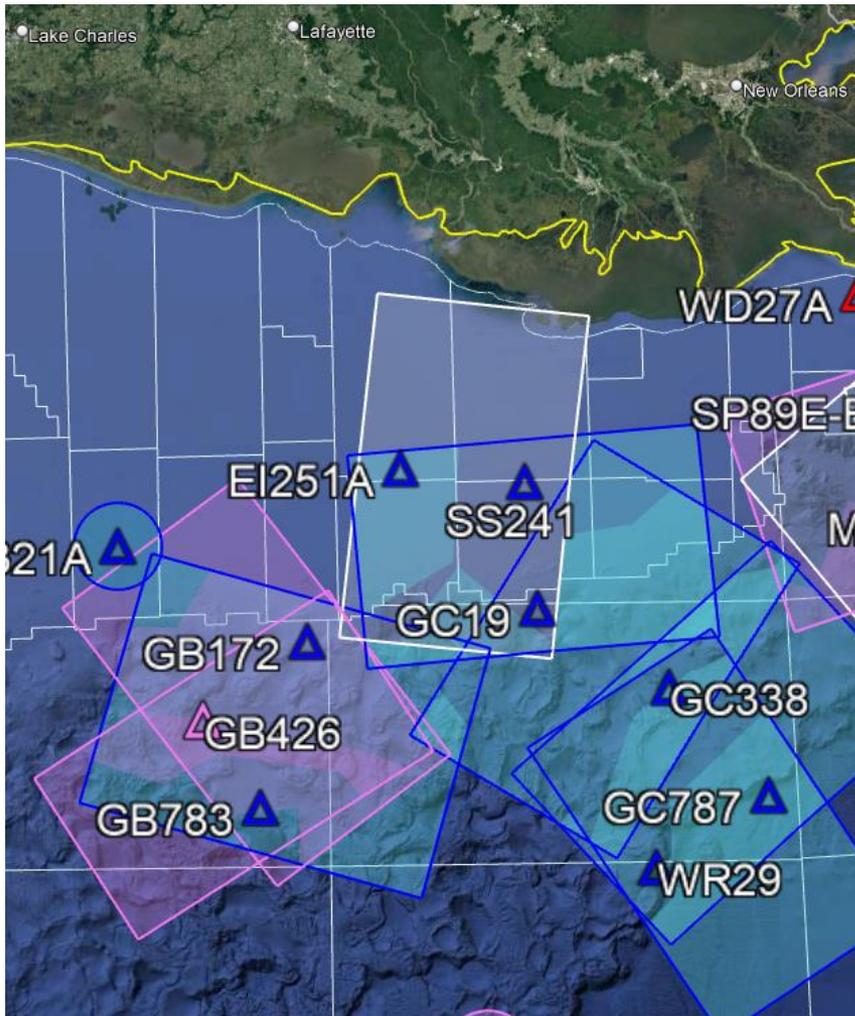


▲ Out of service due to hurricane damage (WD27)

**Federal AWOS in Operation\*: 23/24**

\*Additional AWOS may be temporarily out of service due to required maintenance

# Weather Box Status Update



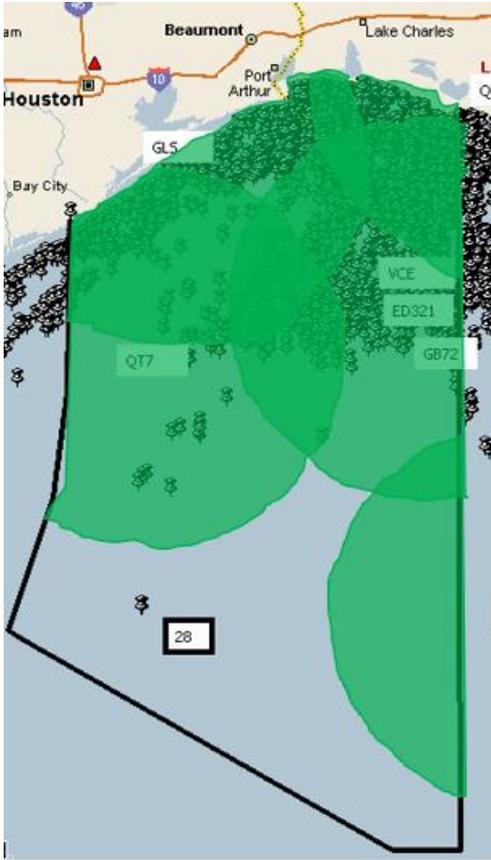
## EI251A – SS241 Weather Box

- Completed 12-month provisional requirement on 9/20/22
- Processing of obtaining permanent approval is underway

# VHF Comm Coverage 3,000' MSL

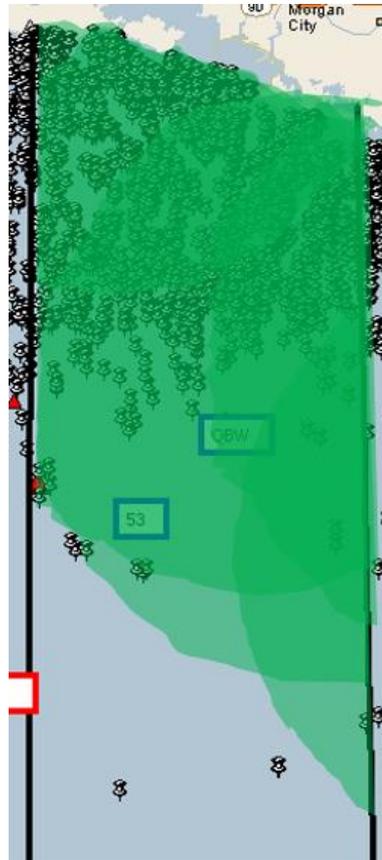
## Offshore West / S28

GLS, QIC, QT7, EZP, 18H



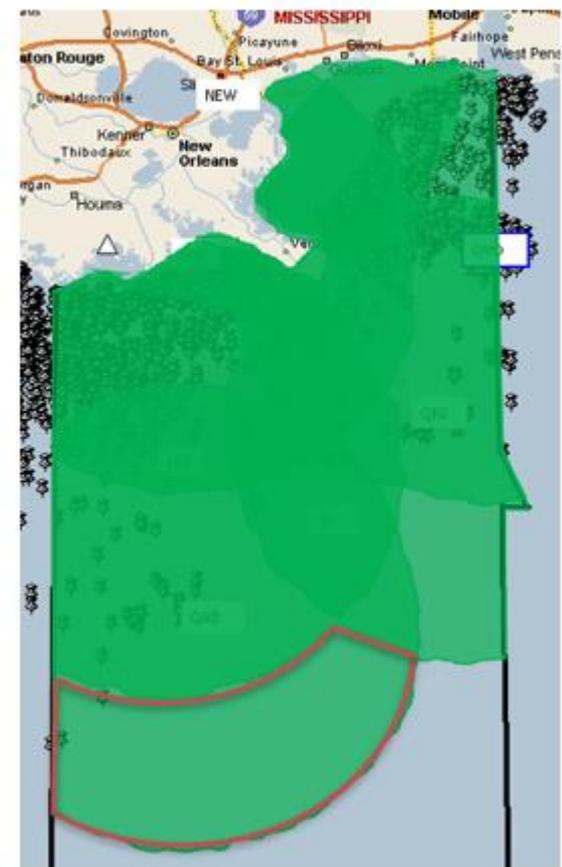
## Offshore Central / S53

QIC, EKE, QA8, QBW, 18J



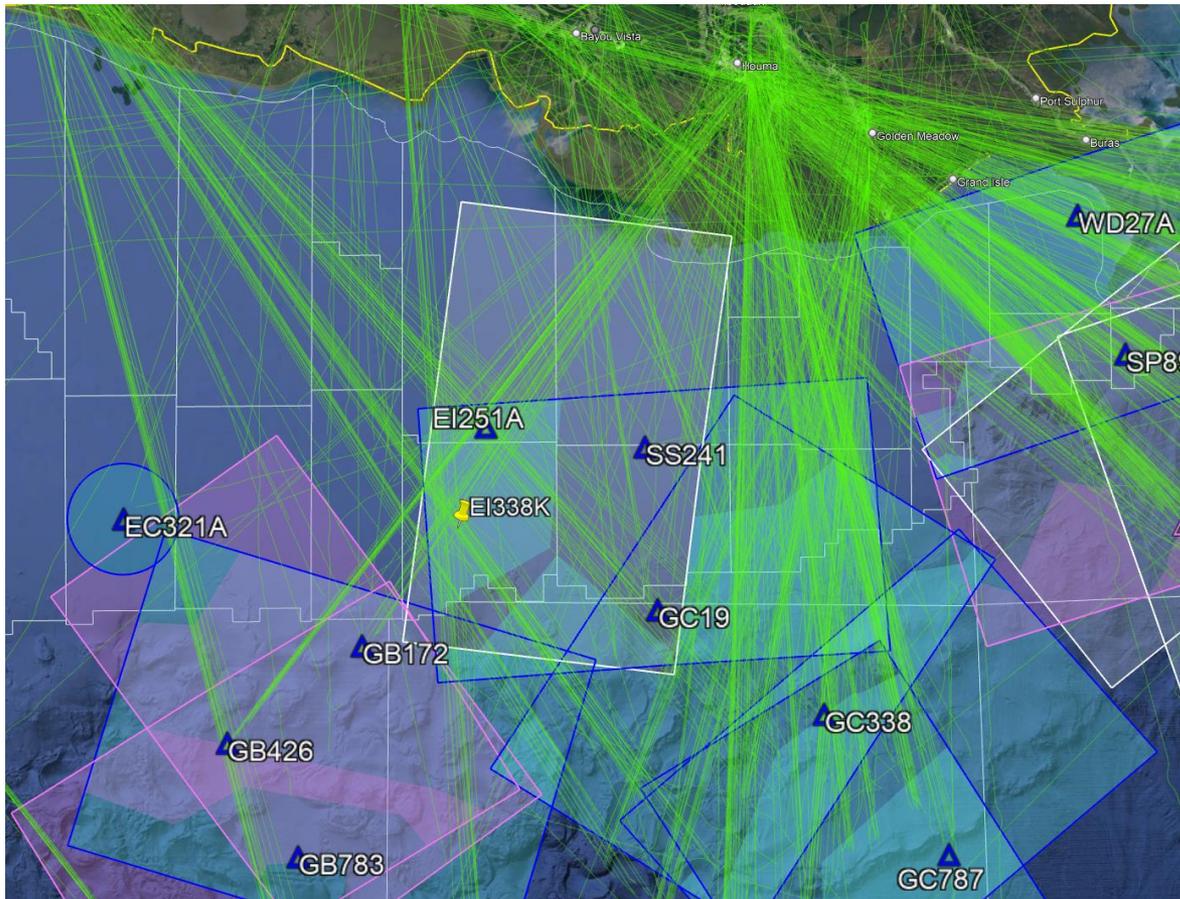
## Offshore East / S30

GAO/GNI\*, QA8, QVO, QIG, 18J



# AIC Decision 1 of 2 made on 10/12/22:

## Install AWOS at Eugene Island 338K / Riker



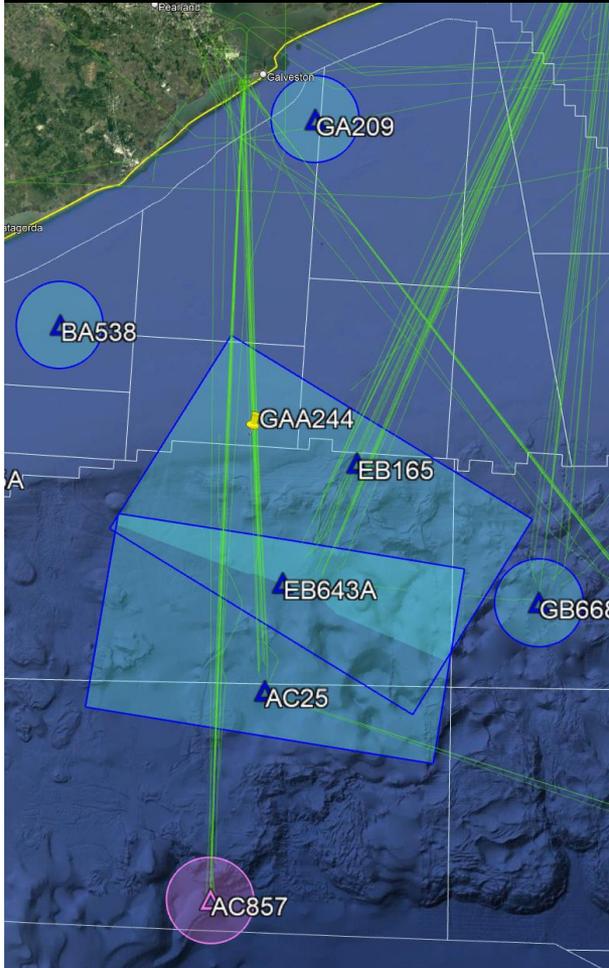
### Benefits

- Redundancy to EI251A (EKE)
- Creates several weather box pairings
- Expands weather coverage into South Marsh Lease Area

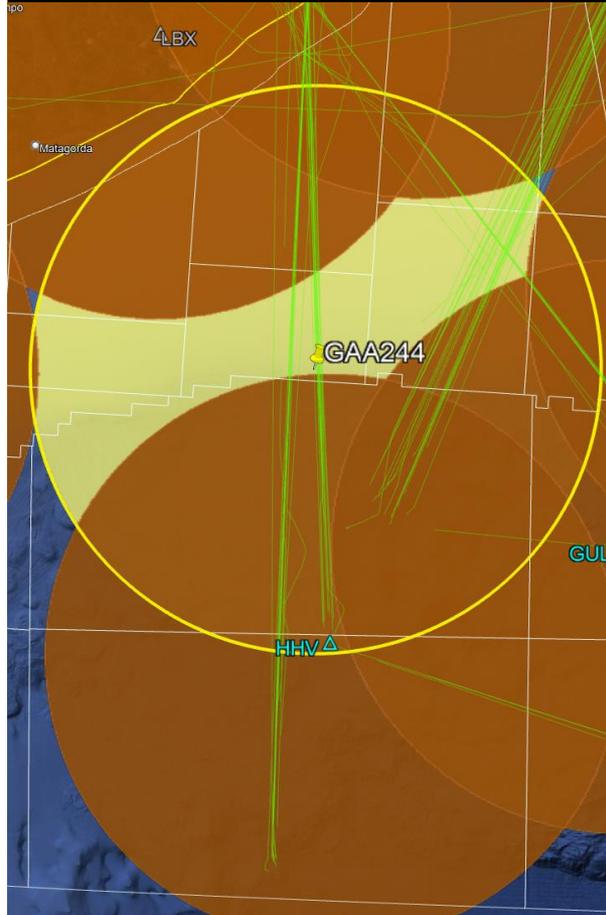
# AIC Decision 2 of 2:

## Install ADS-B, VHF Comm, and AWOS at Galveston A244A

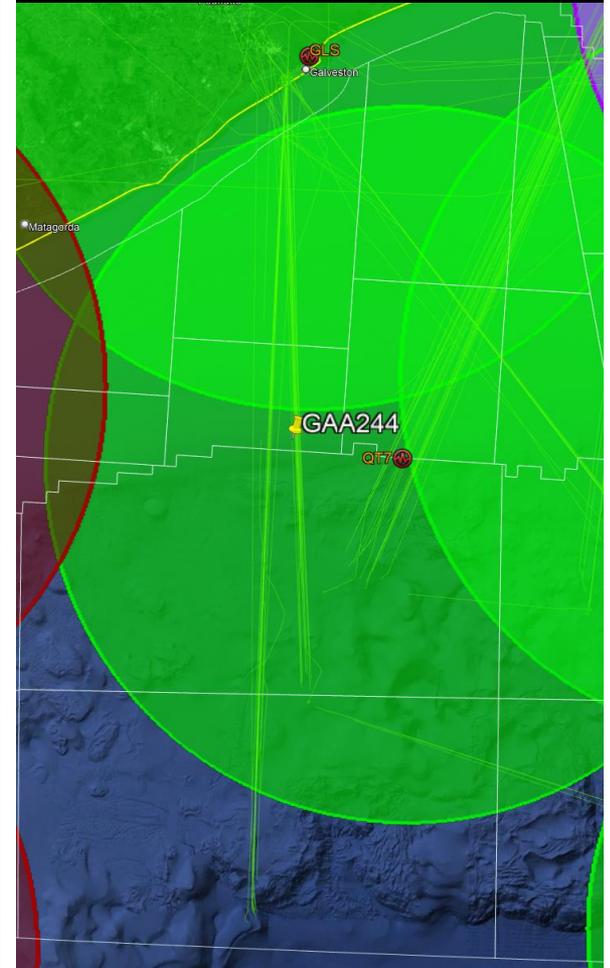
### AWOS Coverage today



### ADS-B Coverage today yellow fill = added coverage

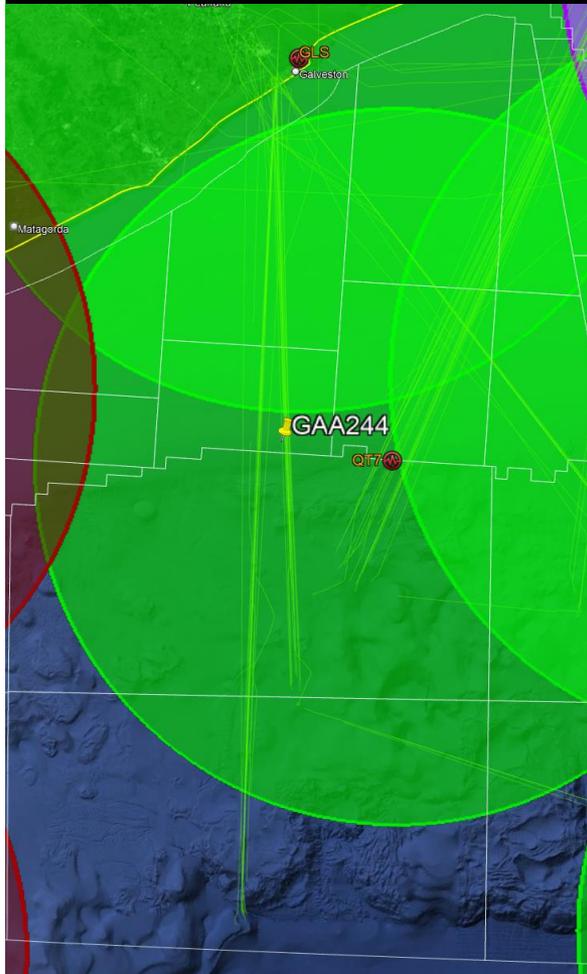


### VHF Coverage today



# AIC Decision 2 of 2 made on 10/12/22:

## VHF Coverage today



## ADS-B, VHF Comm, AWOS Installation at Galveston A244A

### Benefits

- Leapfrog replacement of EB165 VHF Comm
- Expands ADS-B coverage below 3,000 ft
- Creates one weather box with EB643

# FAA Gulf of Mexico Sustainment Team



## Gulf Sustainment Team

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