

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

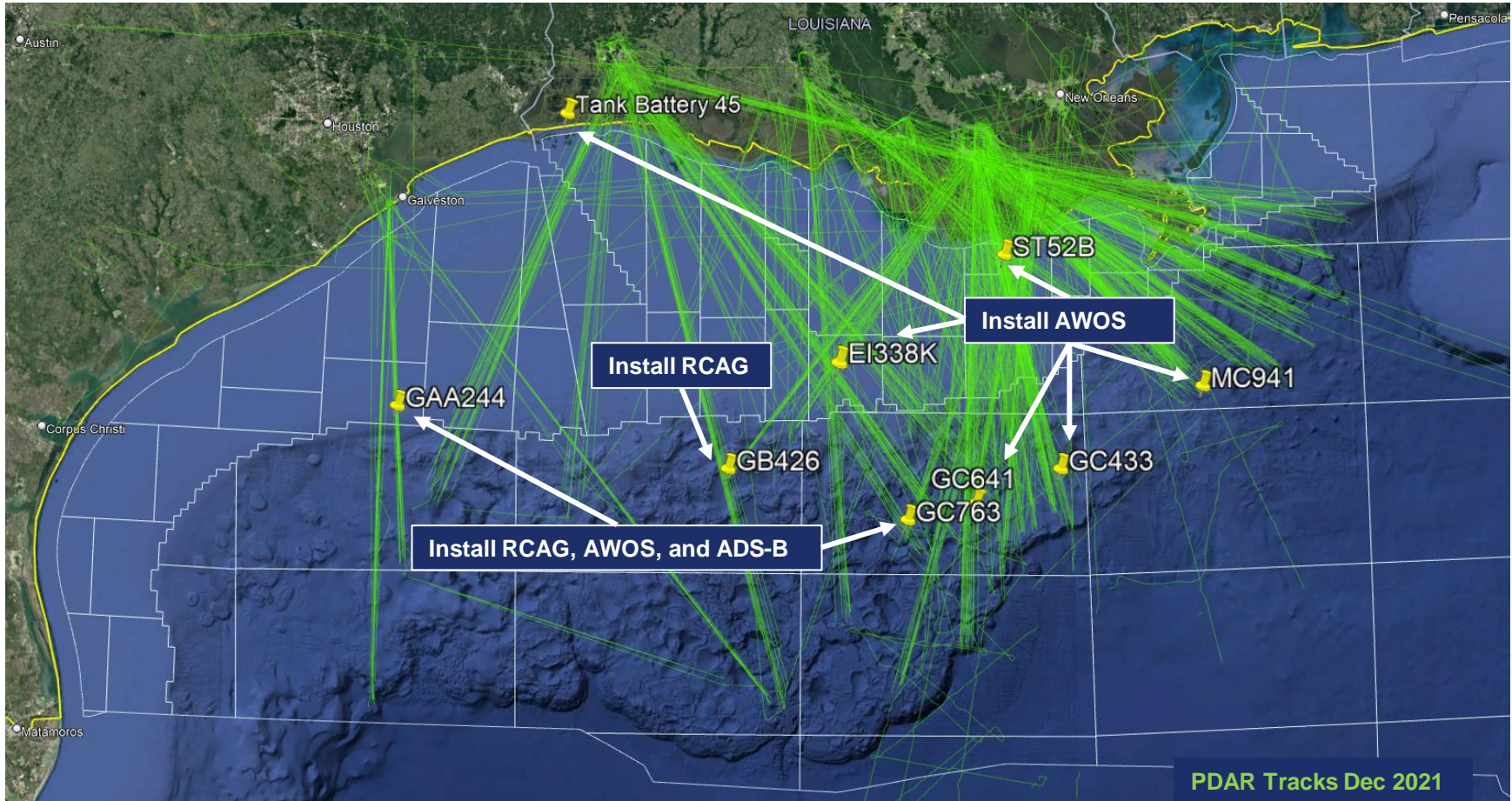


Agenda

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



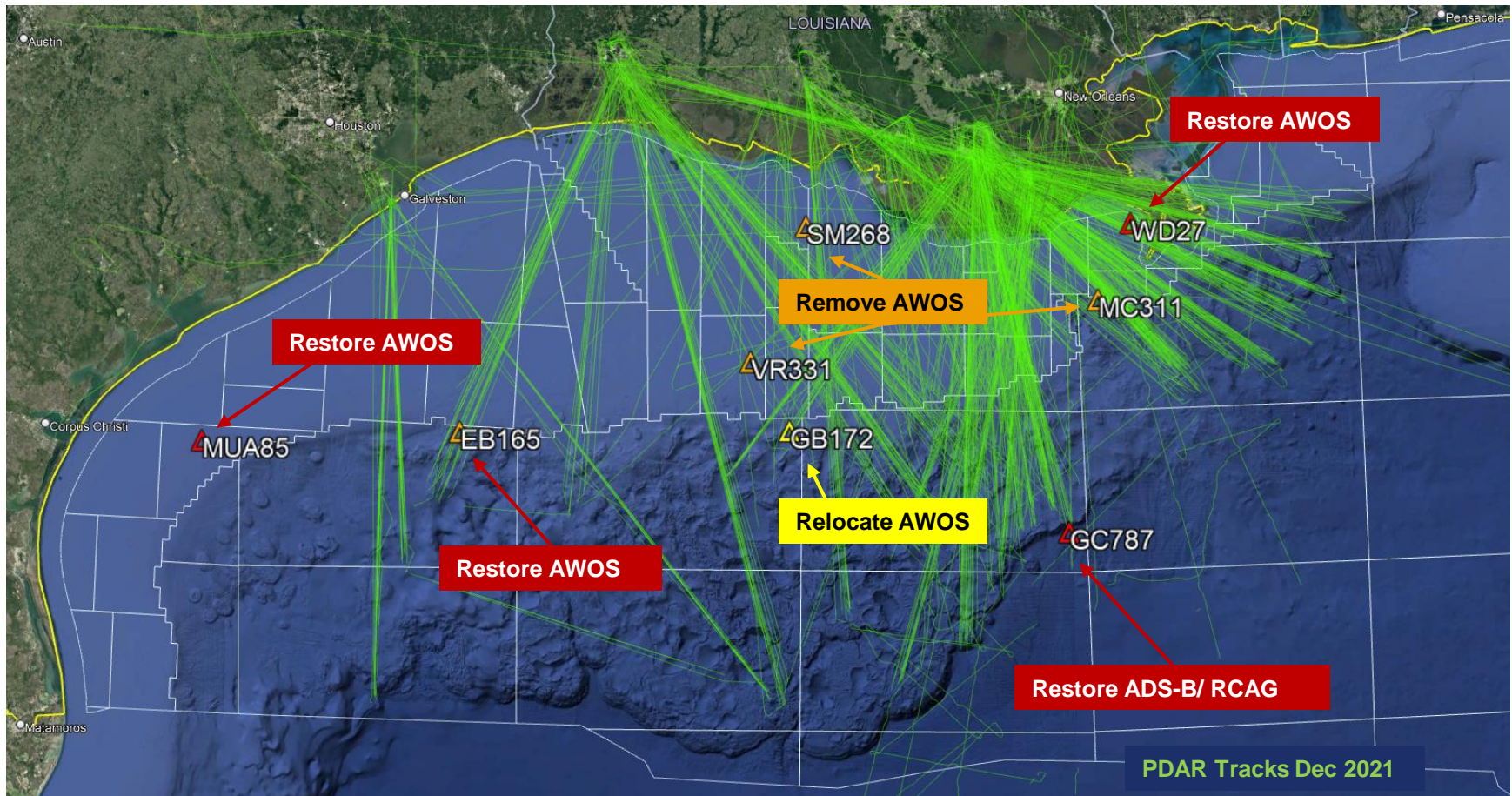
2022-23 Offshore Installation Projects



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



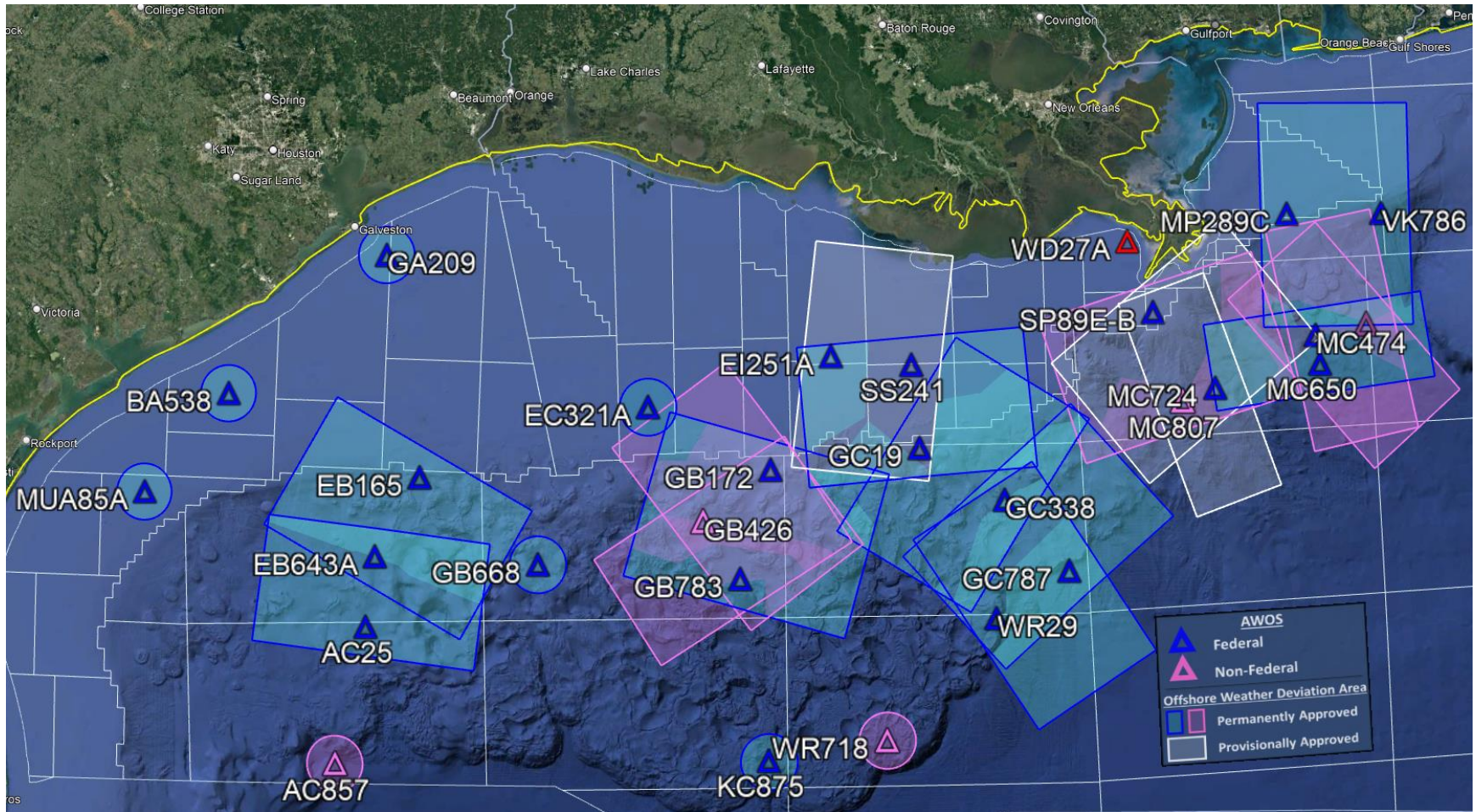
✓ Relocate AWOS Garden Banks 172 (Aug 2022)
Restore AWOS West Delta 27 (Nov 2022)
Restore AWOS Mustang Island A85A (TBD)
Restore East Break 165 (TBD)

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

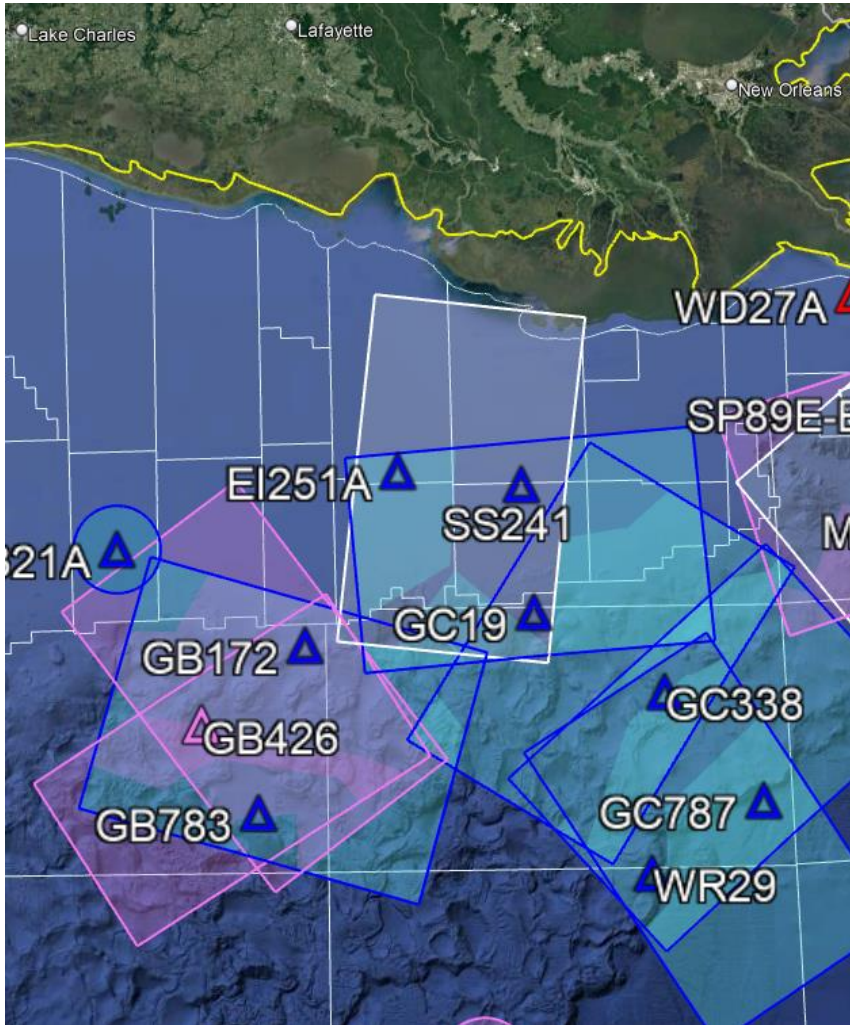


▲ Out of service due to hurricane damage
(WD27)

Federal AWOS in Operation*: 23/24

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

Weather Box Status Update



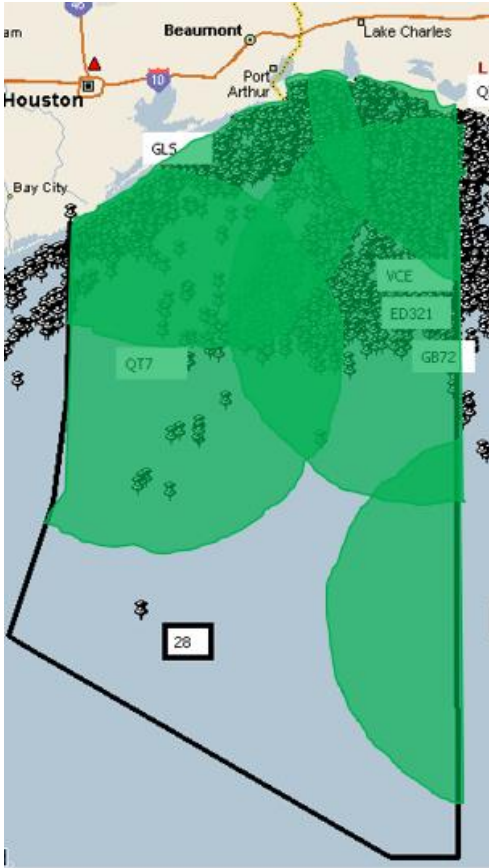
EI251A – SS241 Weather Box

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

VHF Comm Coverage 3,000' MSL

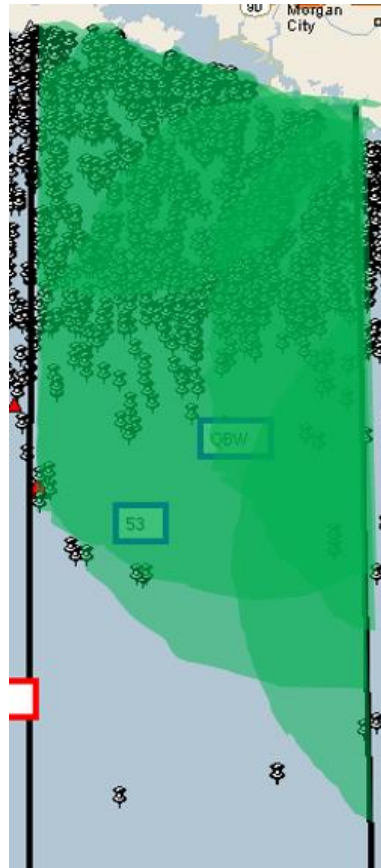
Offshore West / S28

GLS, QIC, QT7, EZP, 18H



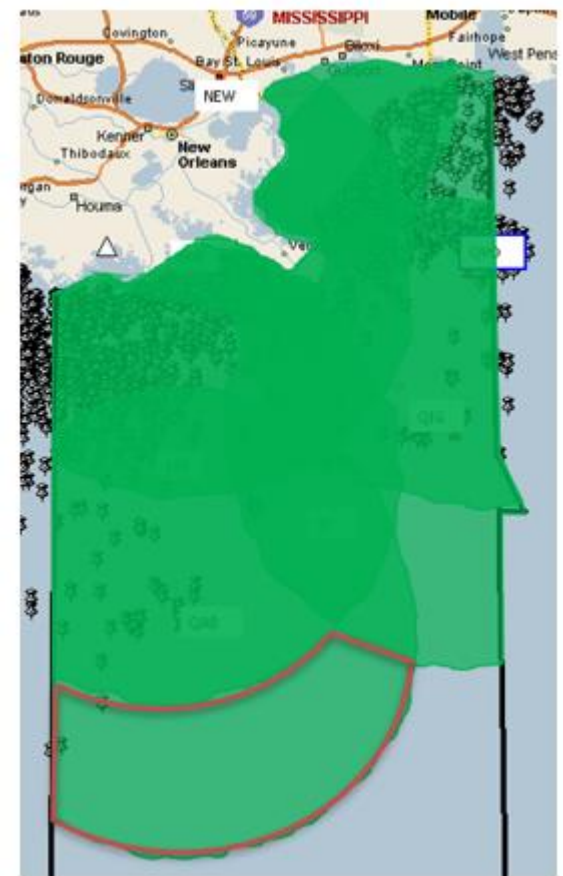
Offshore Central / S53

QIC, EKE, QA8, QBW, 18J



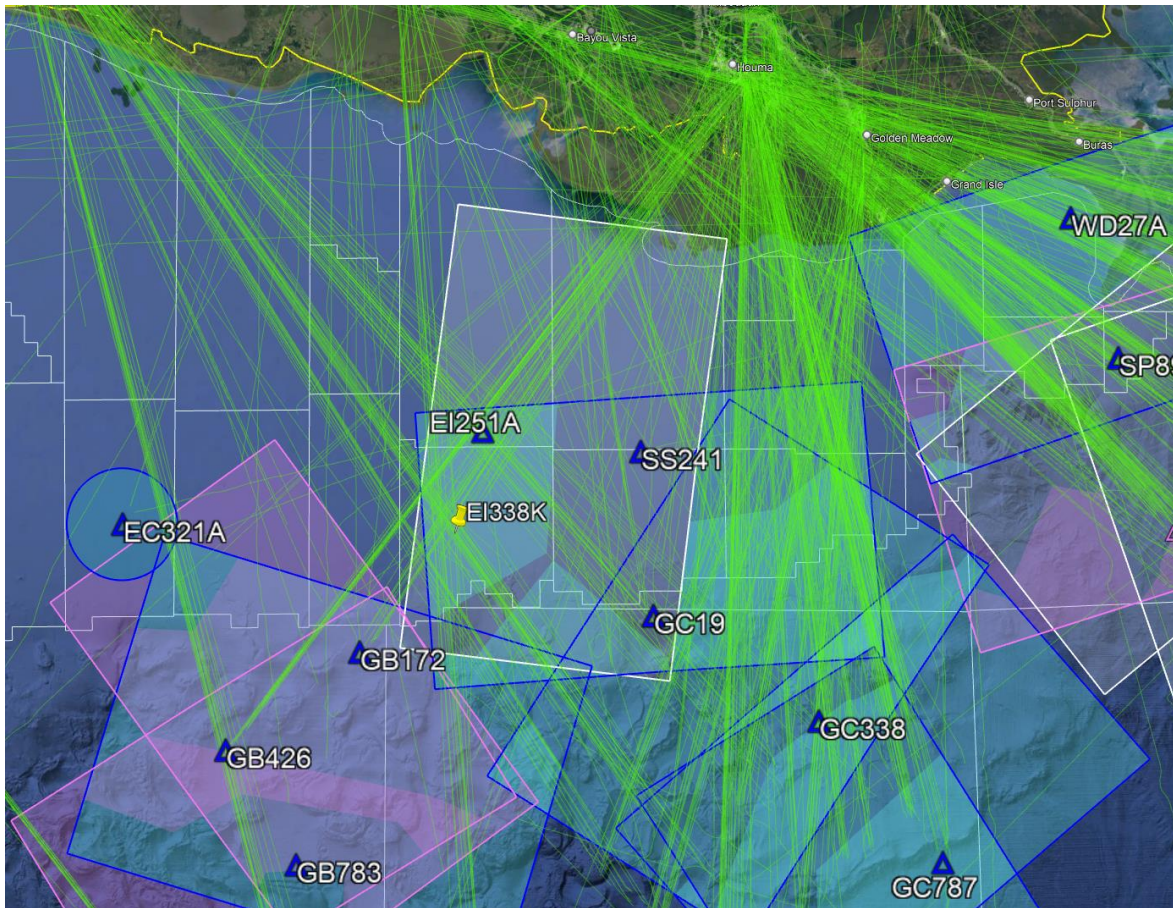
Offshore East / S30

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



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

Install AWOS at Eugene Island 338K / Riker



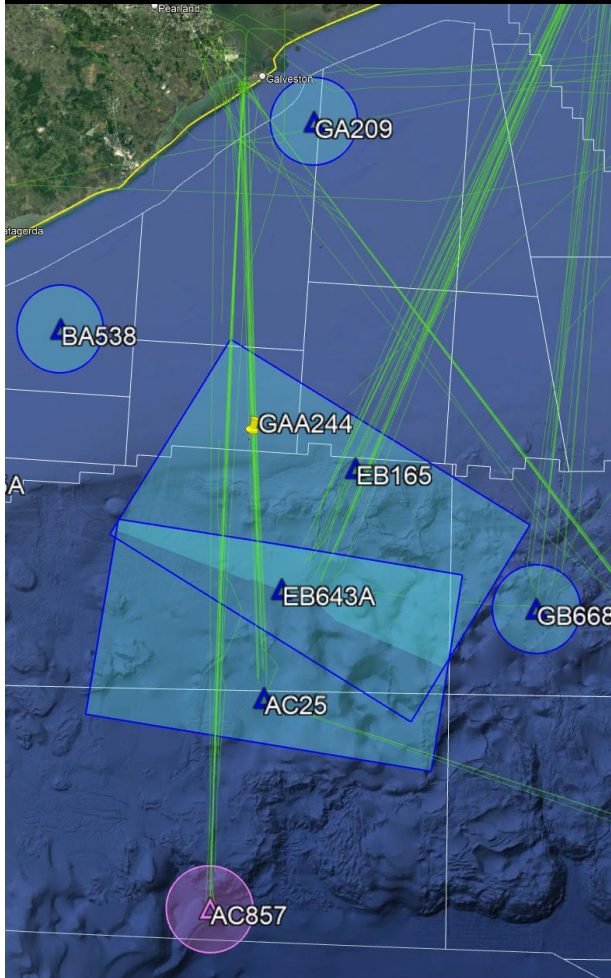
Benefits

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

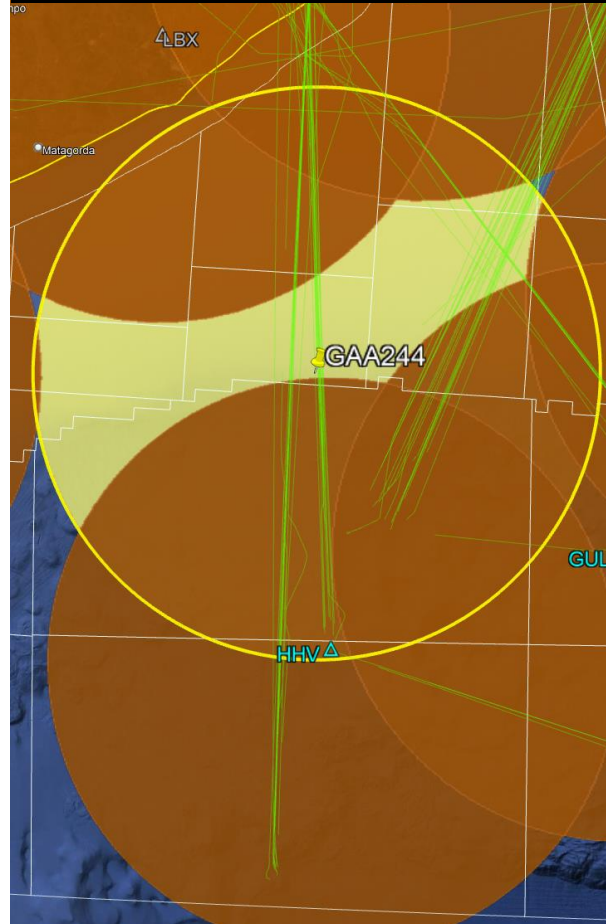
AIC Decision 2 of 2:

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

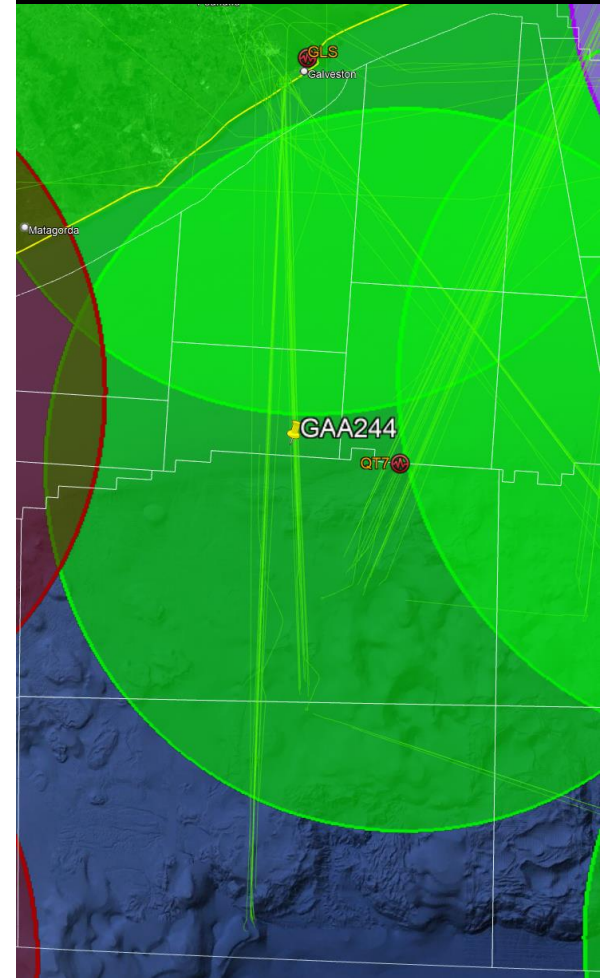
AWOS Coverage today



ADS-B Coverage today
yellow fill = added coverage

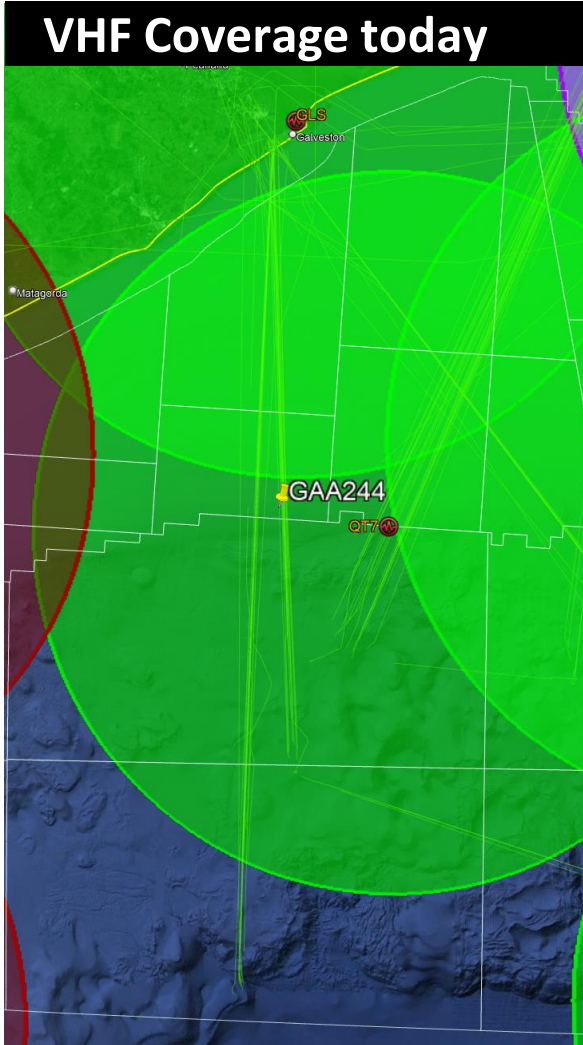


VHF Coverage today



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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