

# Surveillance and Broadcast Services

## FAA Offshore Infrastructure Management and Engineering Update



Presented to Helicopter Safety Advisory Conference General Membership Meeting

By: Rana Obeid, Federal Lead

Date: January 18, 2024

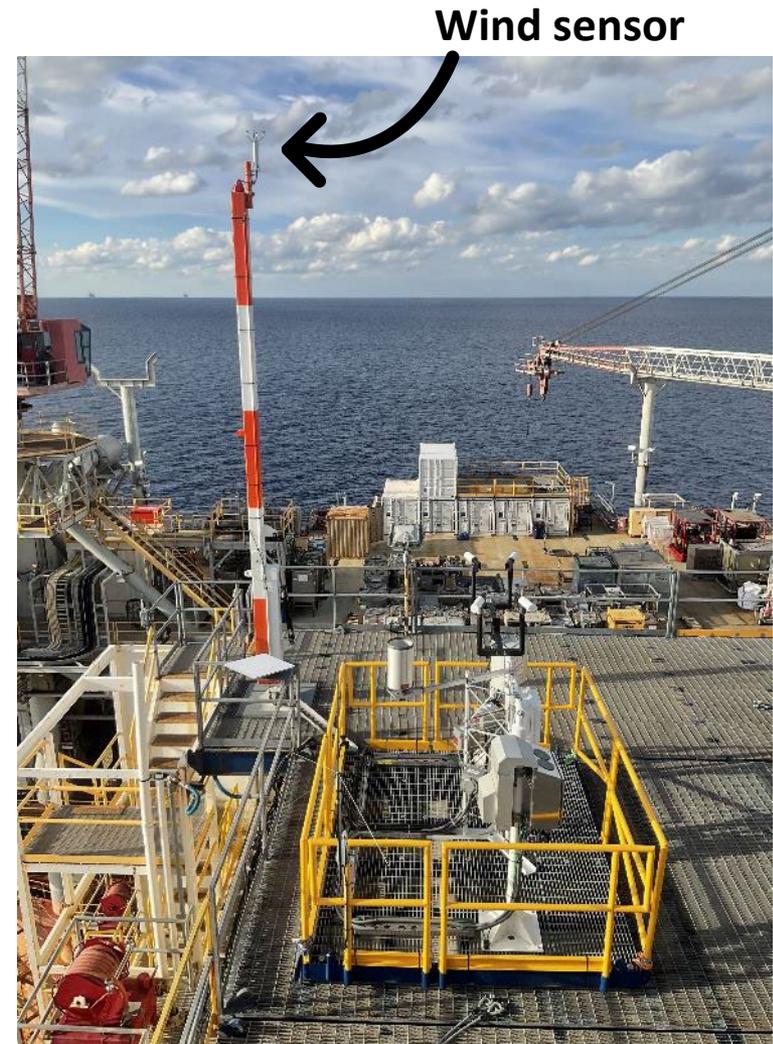
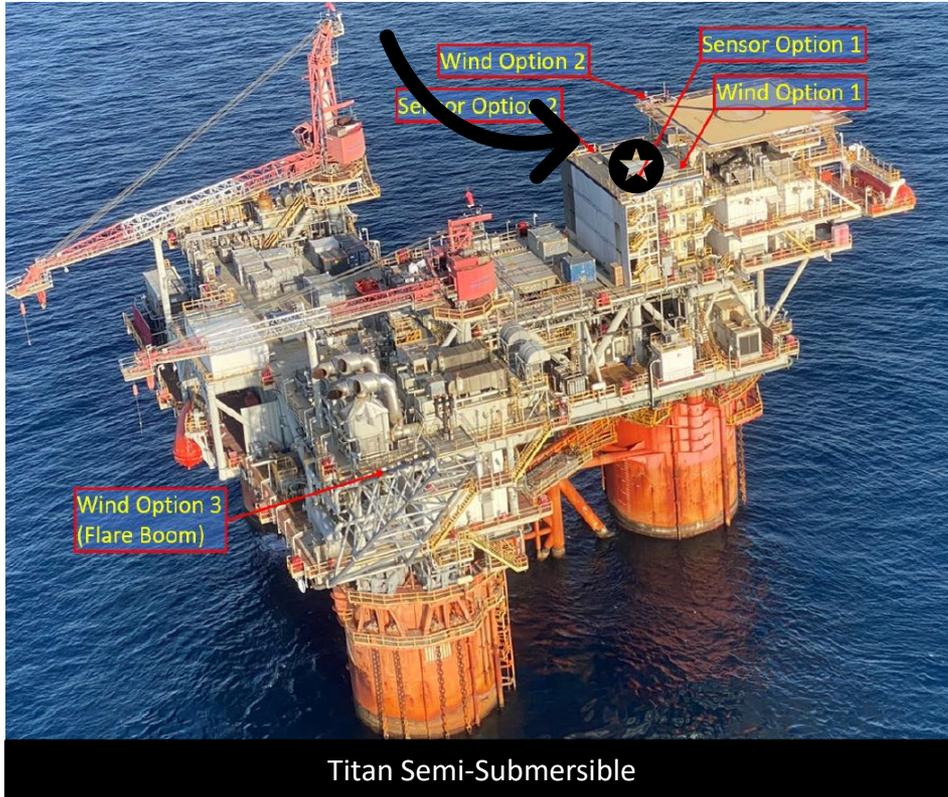


Federal Aviation Administration

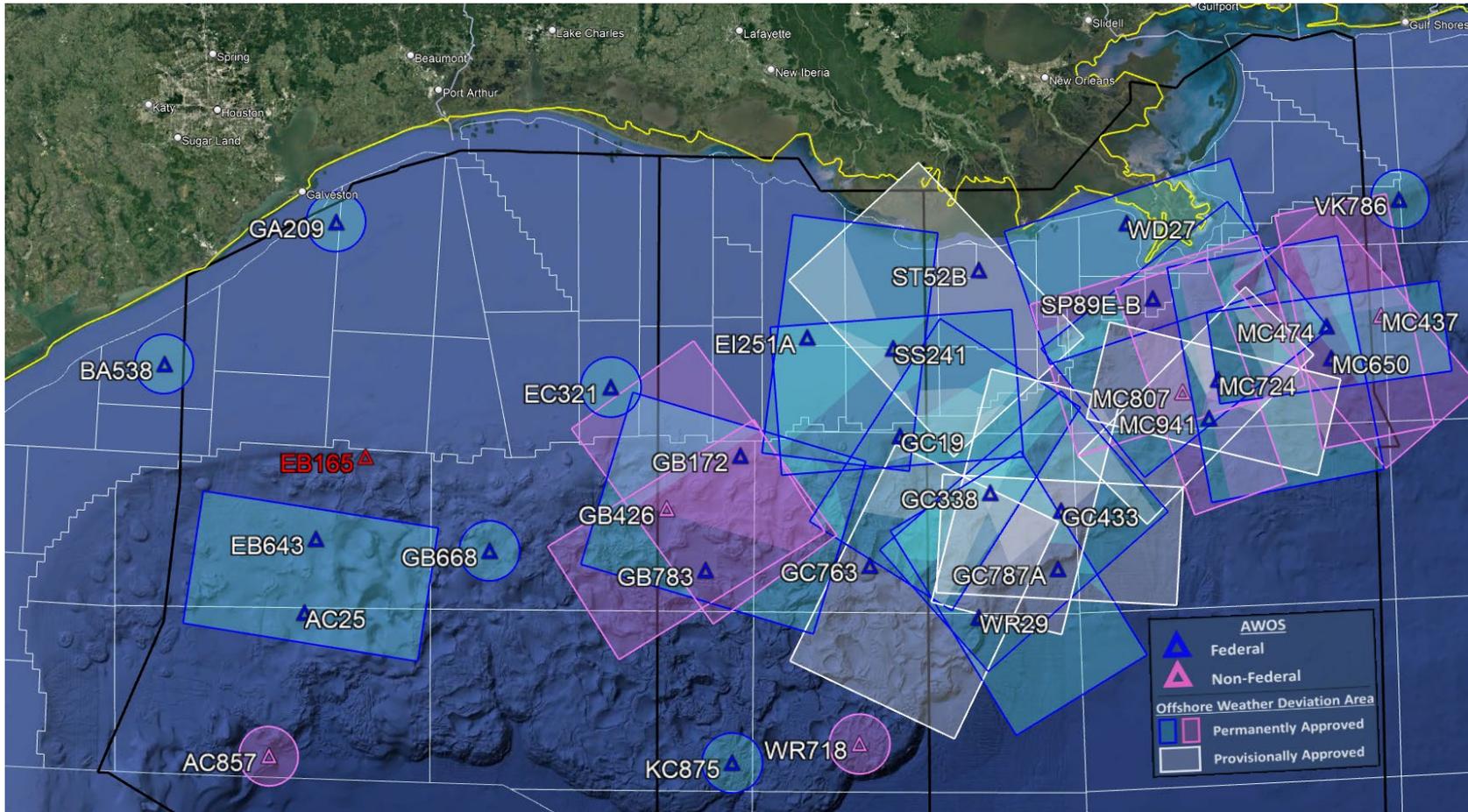


# Newly Commissioned ETO AWOS MC 941 / Titan

## AWOS Location



# AWOS Coverage – December 22, 2023

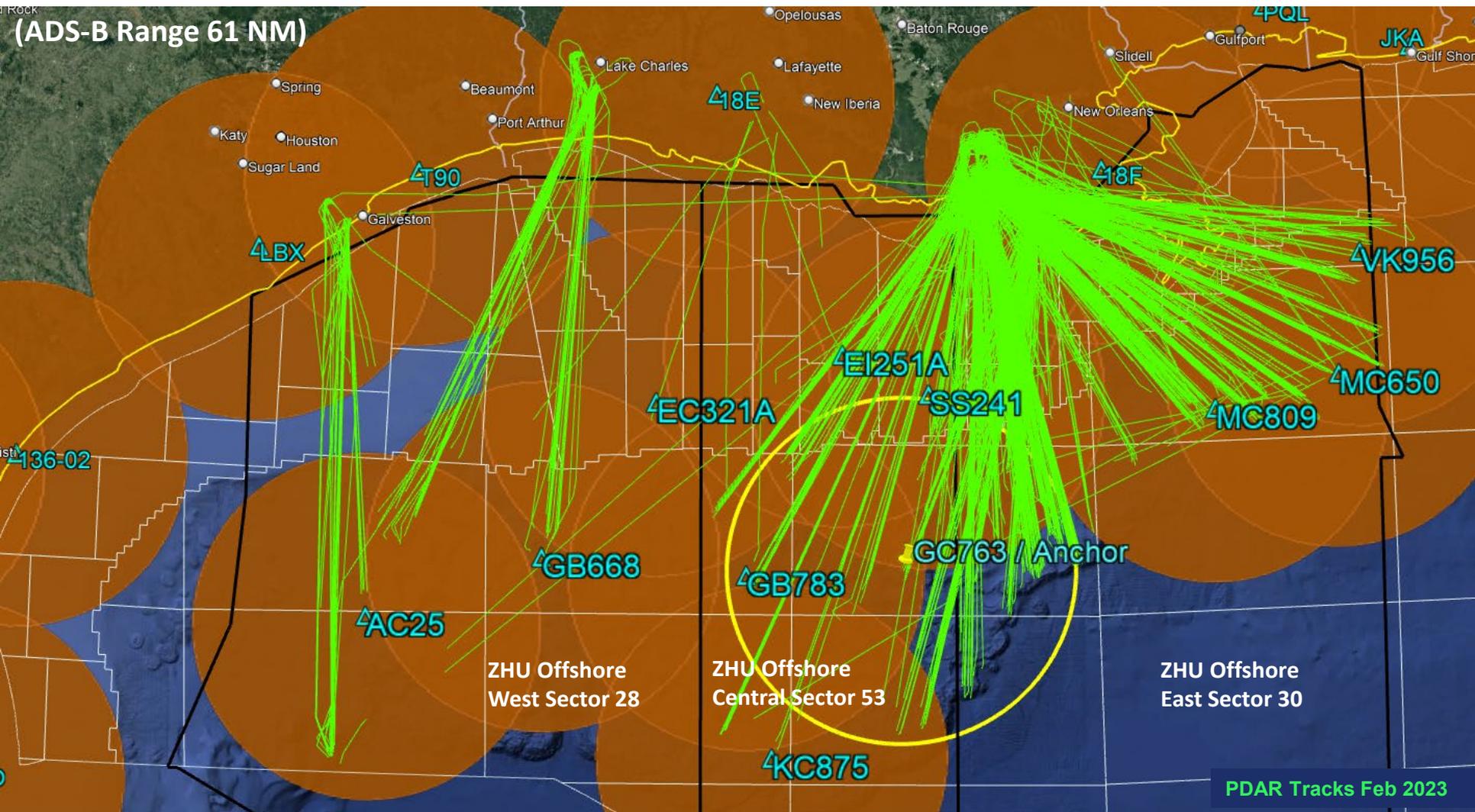


▲ Out of service due to hurricane damage: 1  
(EB165)

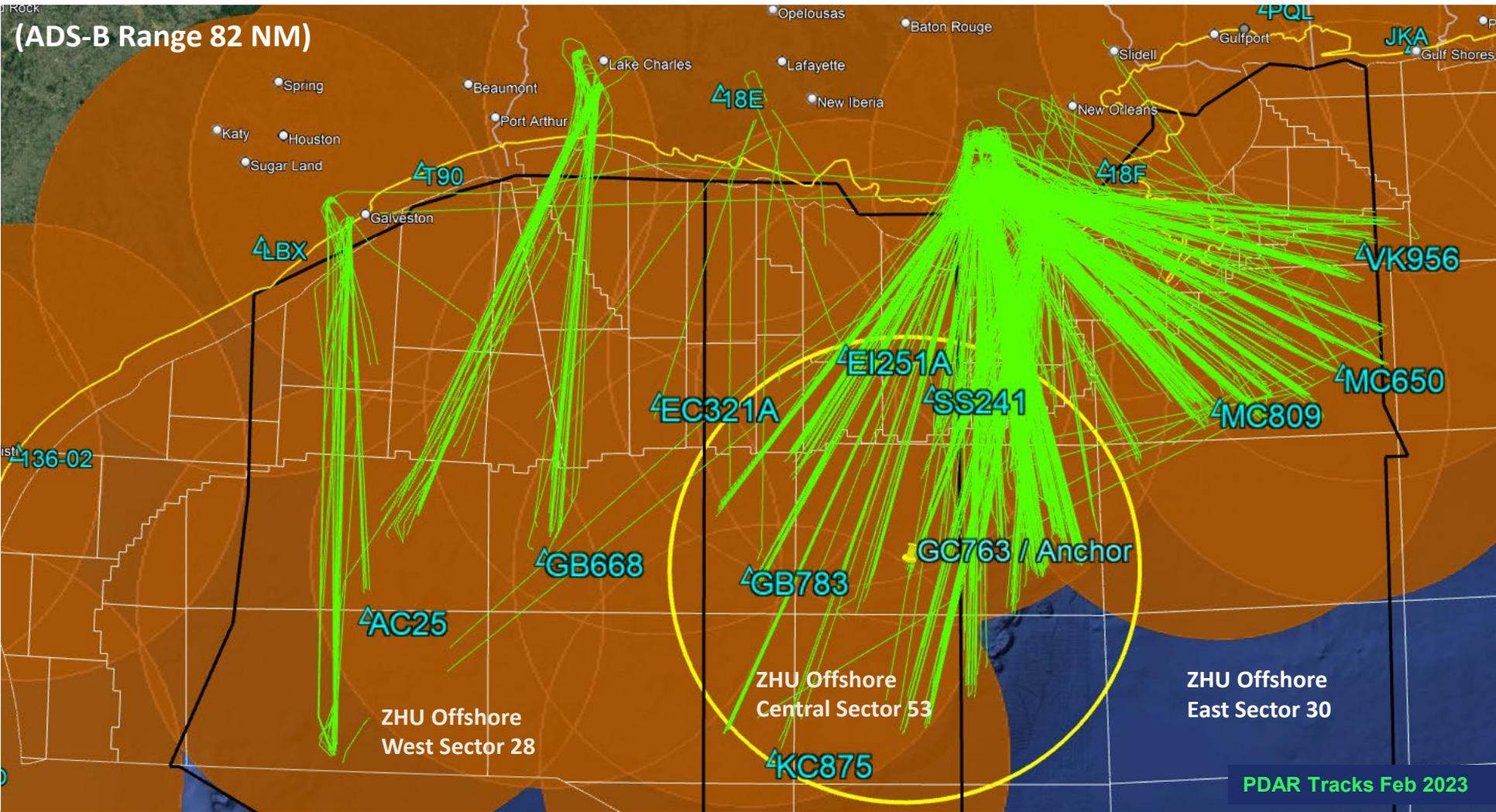
\*AWOS may be temporarily out of service due to required maintenance

**Federal AWOS Commissioned\*: 26**  
**Weather Boxes: 24**

# Current ADS-B Coverage 1500' MSL



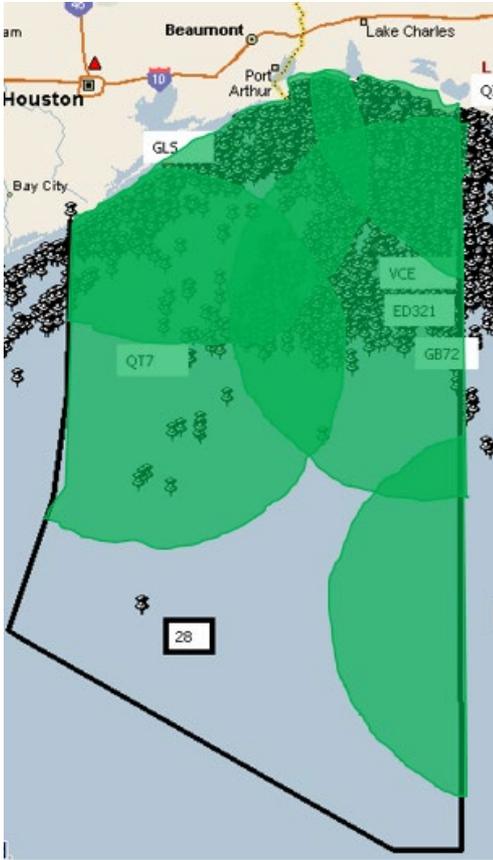
# Current ADS-B Coverage 3000' MSL



# VHF Comm Coverage 3,000' MSL

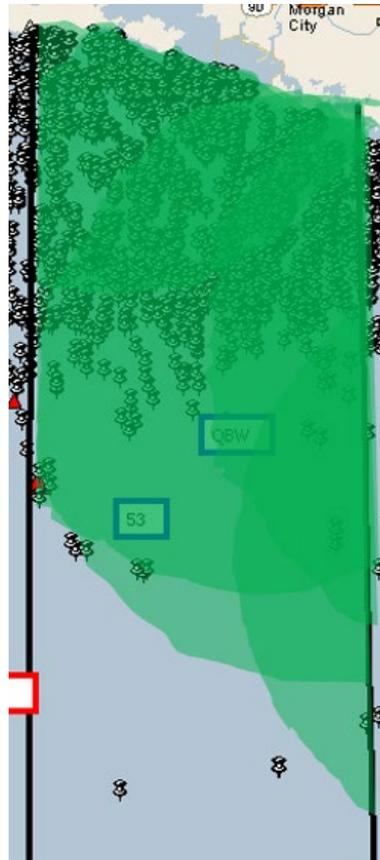
## Offshore West / S28

GLS, QIC, QT7, EZP, 18H



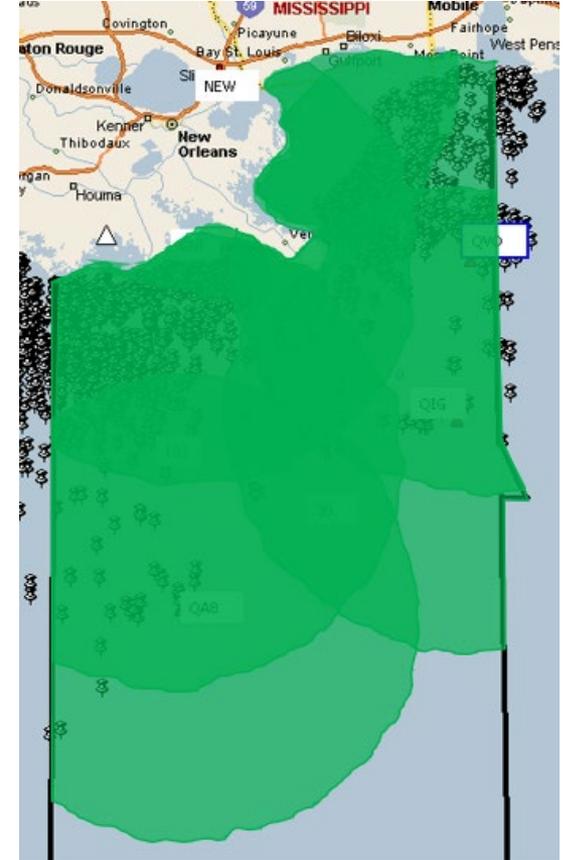
## Offshore Central / S53

QIC, EKE, QA8, QBW, 18J



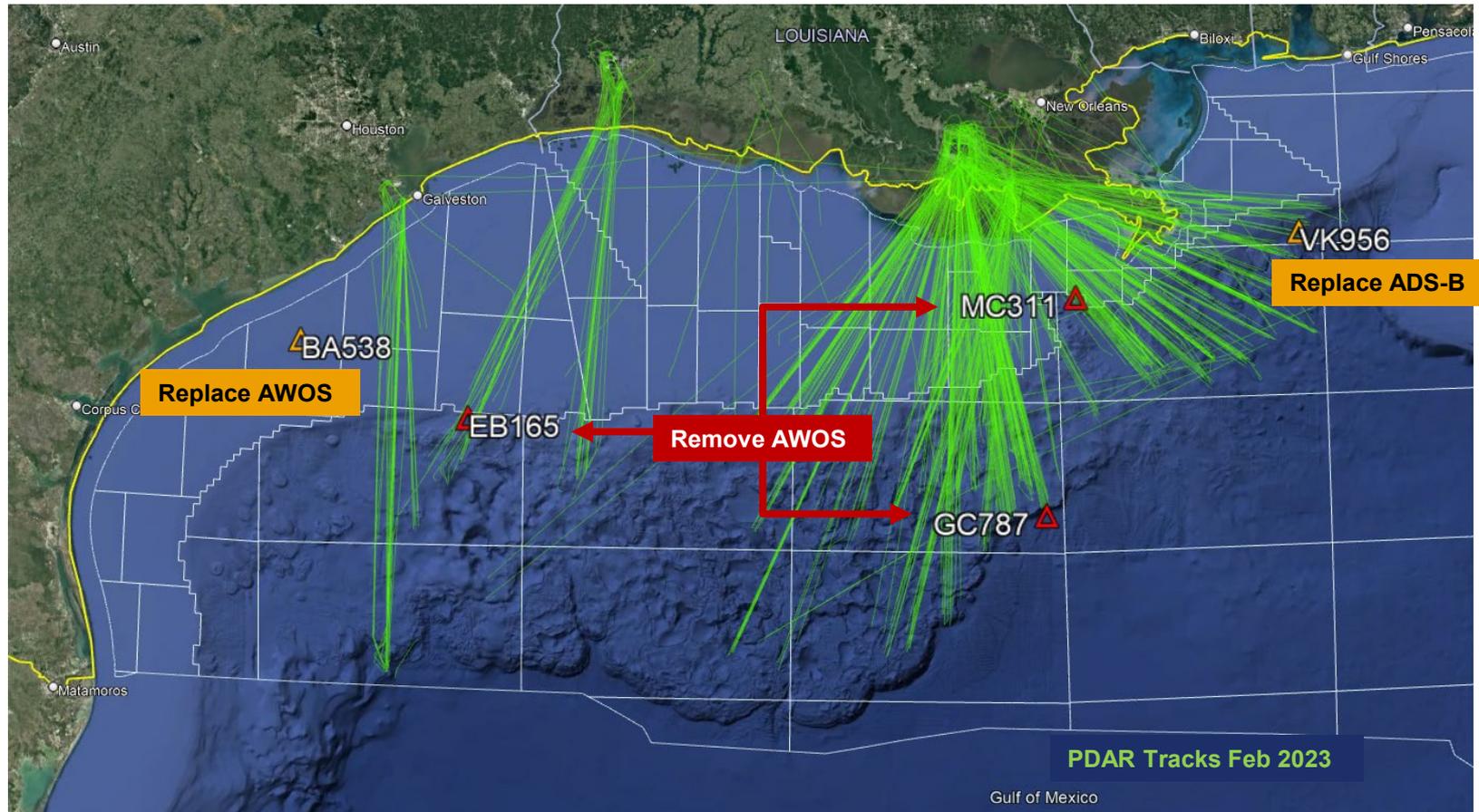
## Offshore East / S30

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





# 2023-24 Offshore Sustainment Projects



Remove AWOS Mississippi Canyon 311 (TBD)  
Remove AWOS East Break 165 (TBD)  
Remove ADS-B Green Canyon 787 (TBD)

Replace AWOS Brazos 538 (TBD)  
Replace ADS-B Viosca Knoll 956 (TBD)

# Projected AWOS Losses within 5 Years

1. Alaminos Canyon 25
2. East Breaks 165 - Seeking additional options
3. East Breaks 643A
4. East Cameron 321A
5. **Garden Banks 668**
6. Garden Banks 783

- = No replacement identified, seeking replacement suggestions
- = Replacement not planned
- = Possible replacement identified

# AIC Decisions

At the January 17<sup>th</sup>, 2024 AIC meetings, FAA and industry Stakeholders made the following decisions about offshore infrastructure:

## Conduct AWOS Site Survey at:

- Ewing Banks 873 / Lobster
- Galliano Heliport/Airport

## Remove and Replace AWOS at:

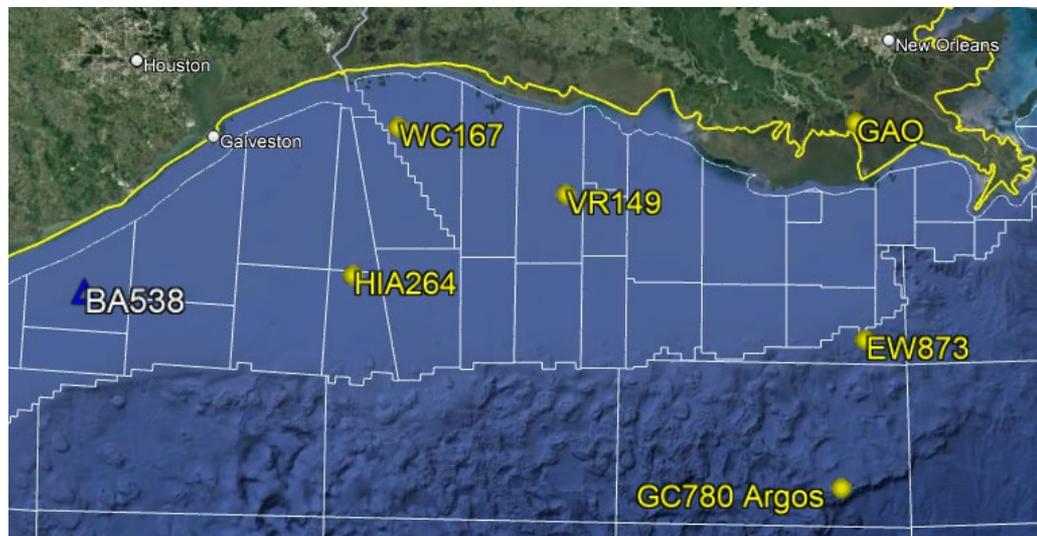
- Brazos 538

## Install AWOS, ADS-B, VHF Comm at:

- Green Canyon 780 / Argos

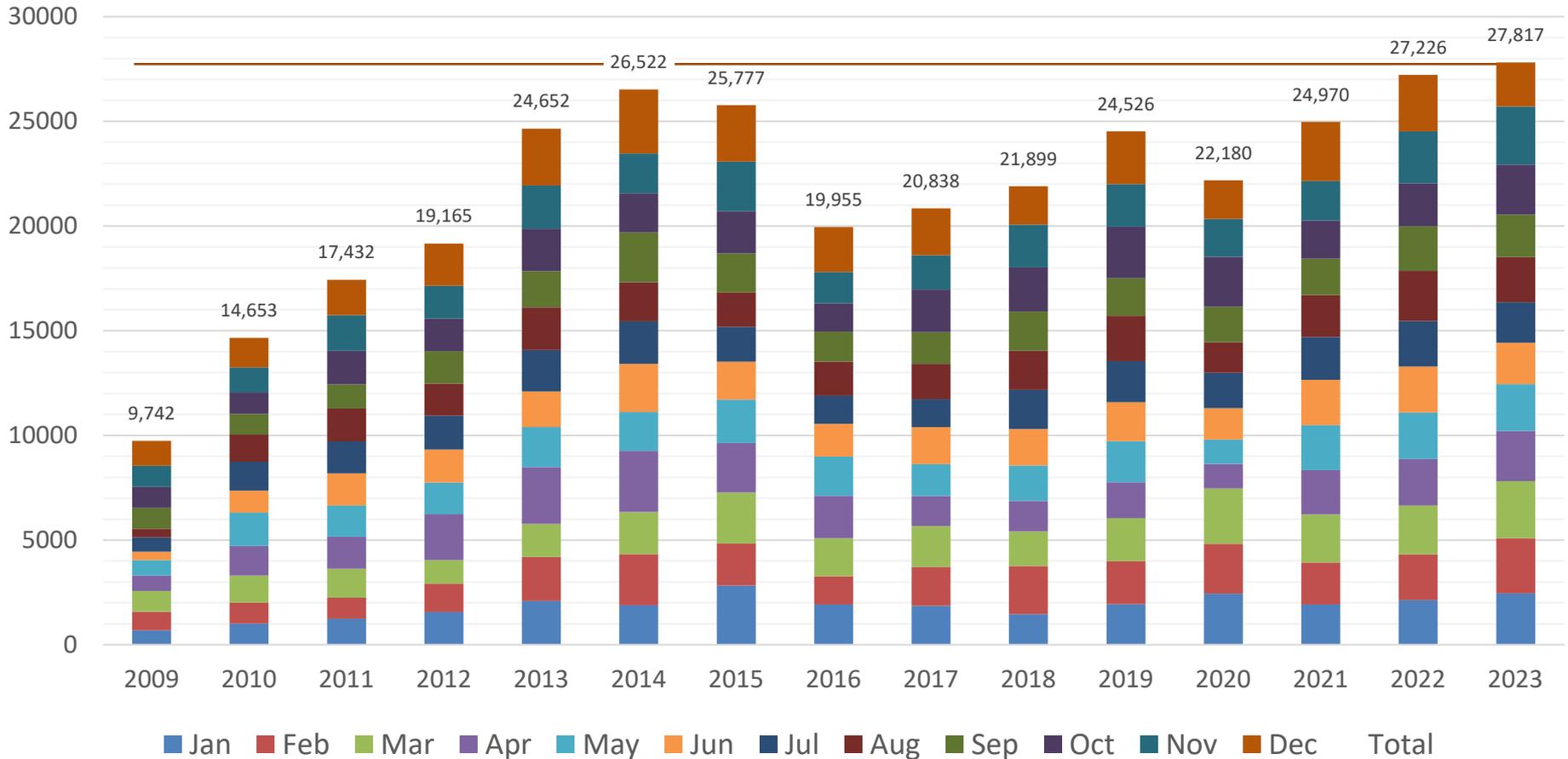
## Install AWOS at:

- High Island A264
- West Cameron 167
- Vermillion 149
- Galliano Heliport/Airport



# ZHU IFR Offshore Traffic Count

## IFR Offshore Helicopter Operations (ZHU) 2009 - 2023



# Closing Comments

## FAA Infrastructure Status

- 2024 will feature the most AWOS commissions since before 2020!  
We will sustain / install:
  - 31 AWOS sites
  - 12 ADS-B sites (11 operational sites, 1 inoperable)
  - 11 VHF Comm sites

# FAA Offshore Infrastructure Management & Engineering (OIMe)



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