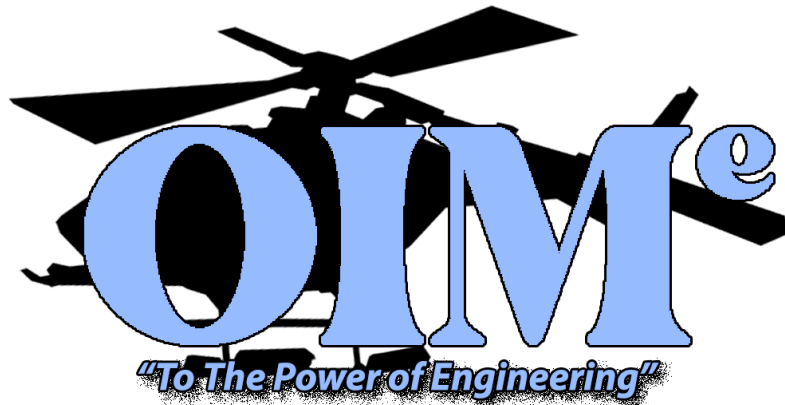


# Surveillance and Broadcast Services

FAA Offshore Infrastructure Management  
and Engineering Team



Presented to: FAA - Industry Gulf of Mexico  
Agreement Implementation Committee

By: Rana Obeid, Federal Lead

Date: October 9, 2024



# Newly Commissioned TAH AWOS

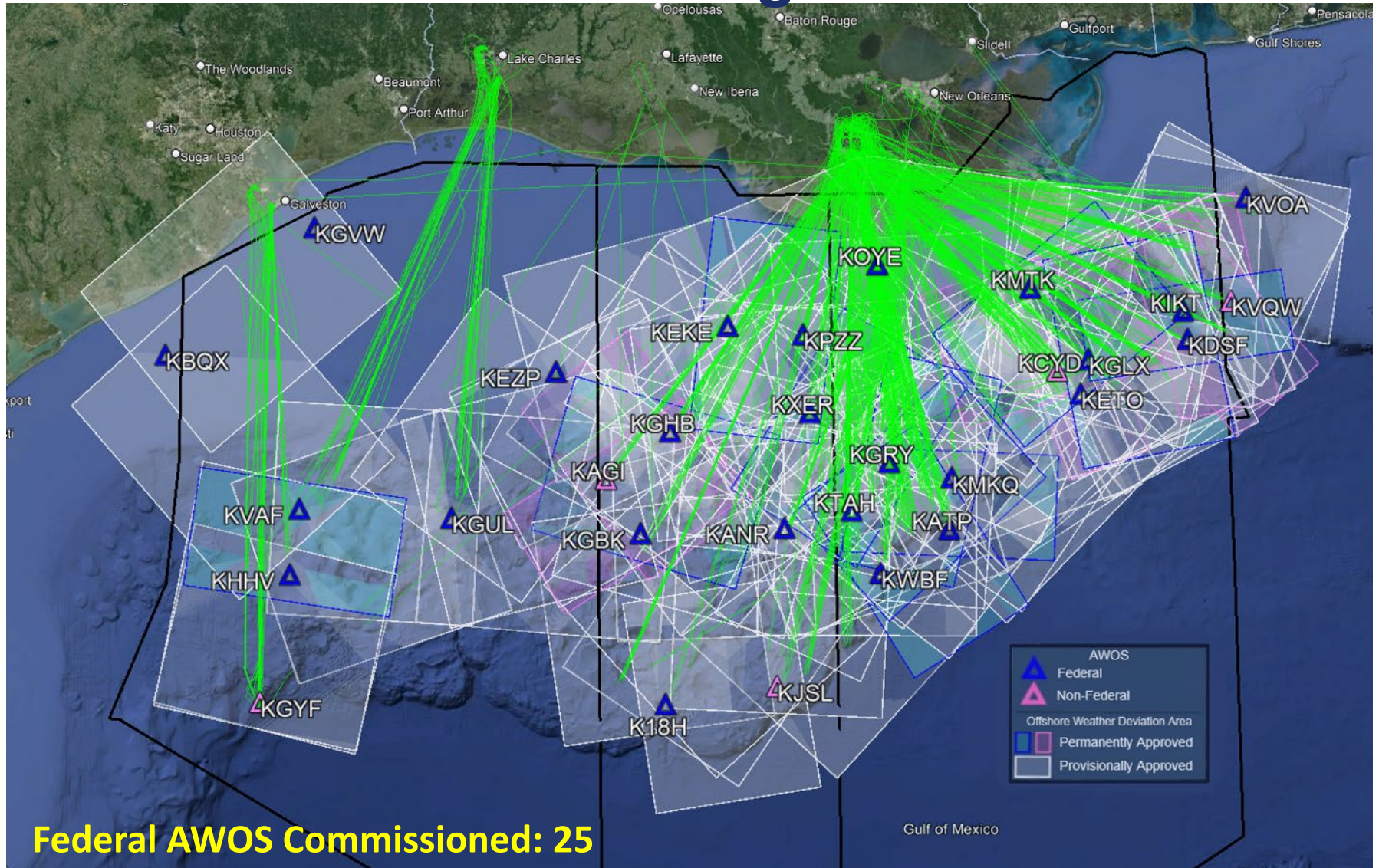
Wind Sensor



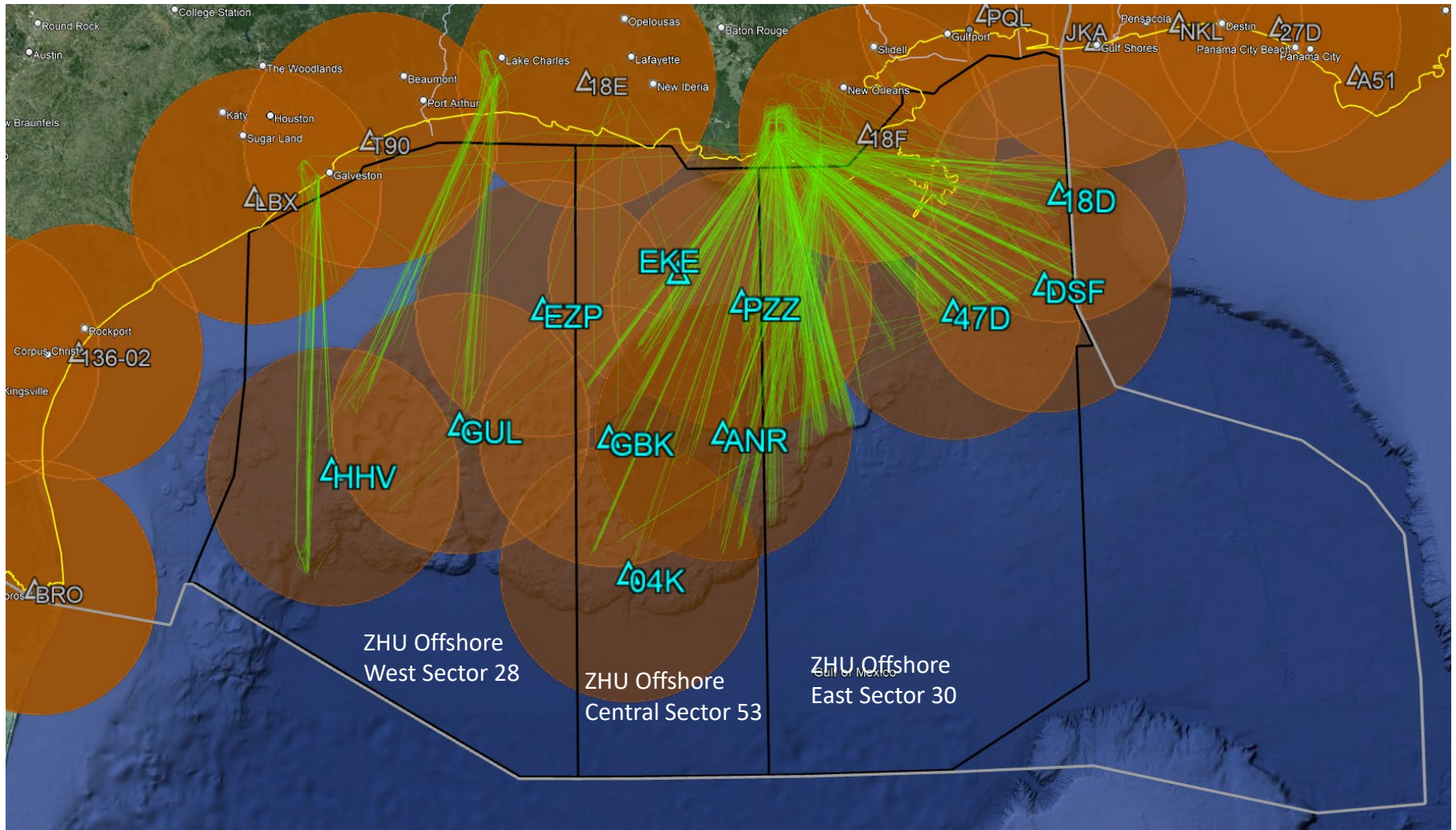
Visibility Sensor

Extended Decking  
with Handrails

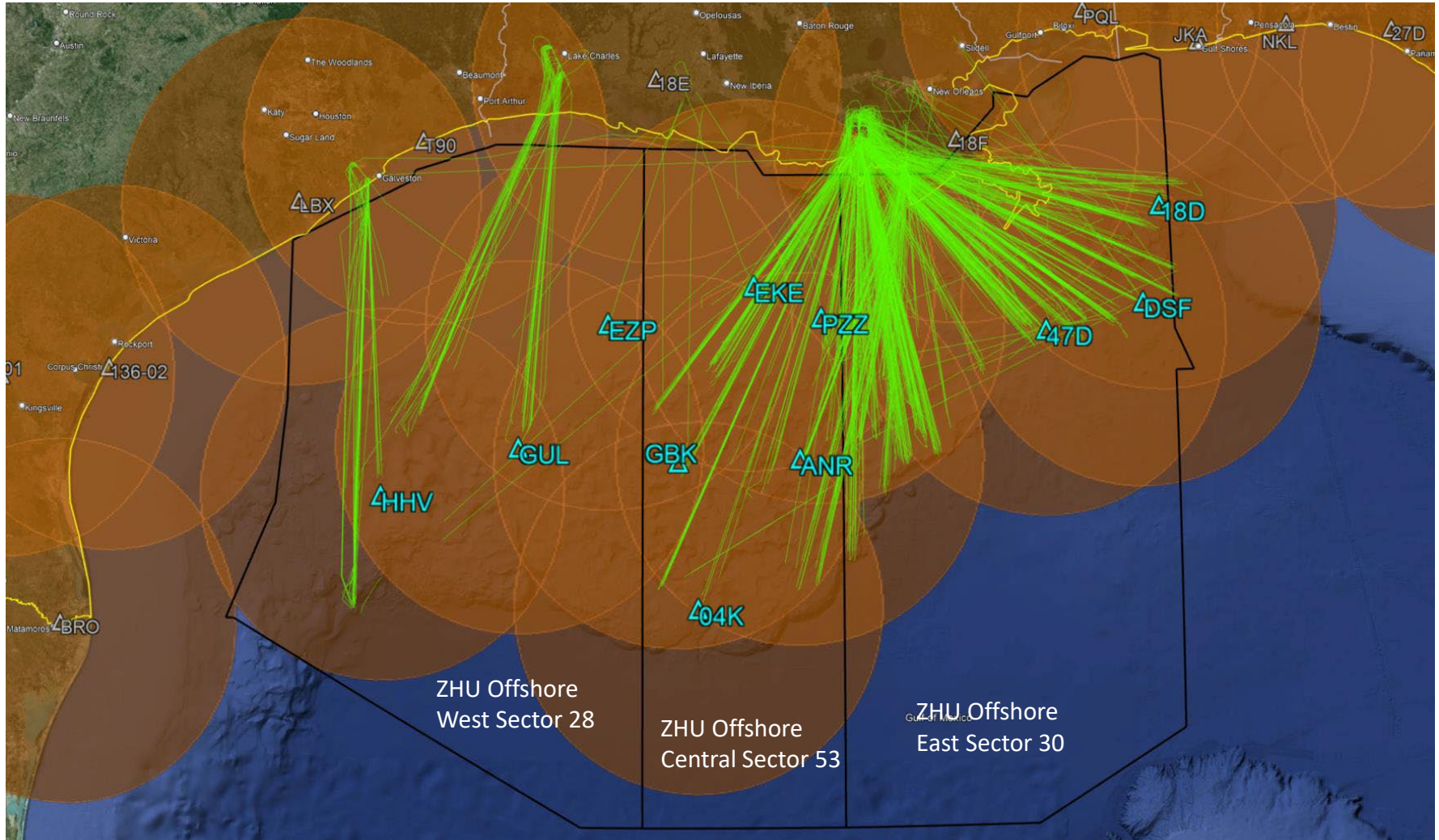
# Current AWOS Coverage



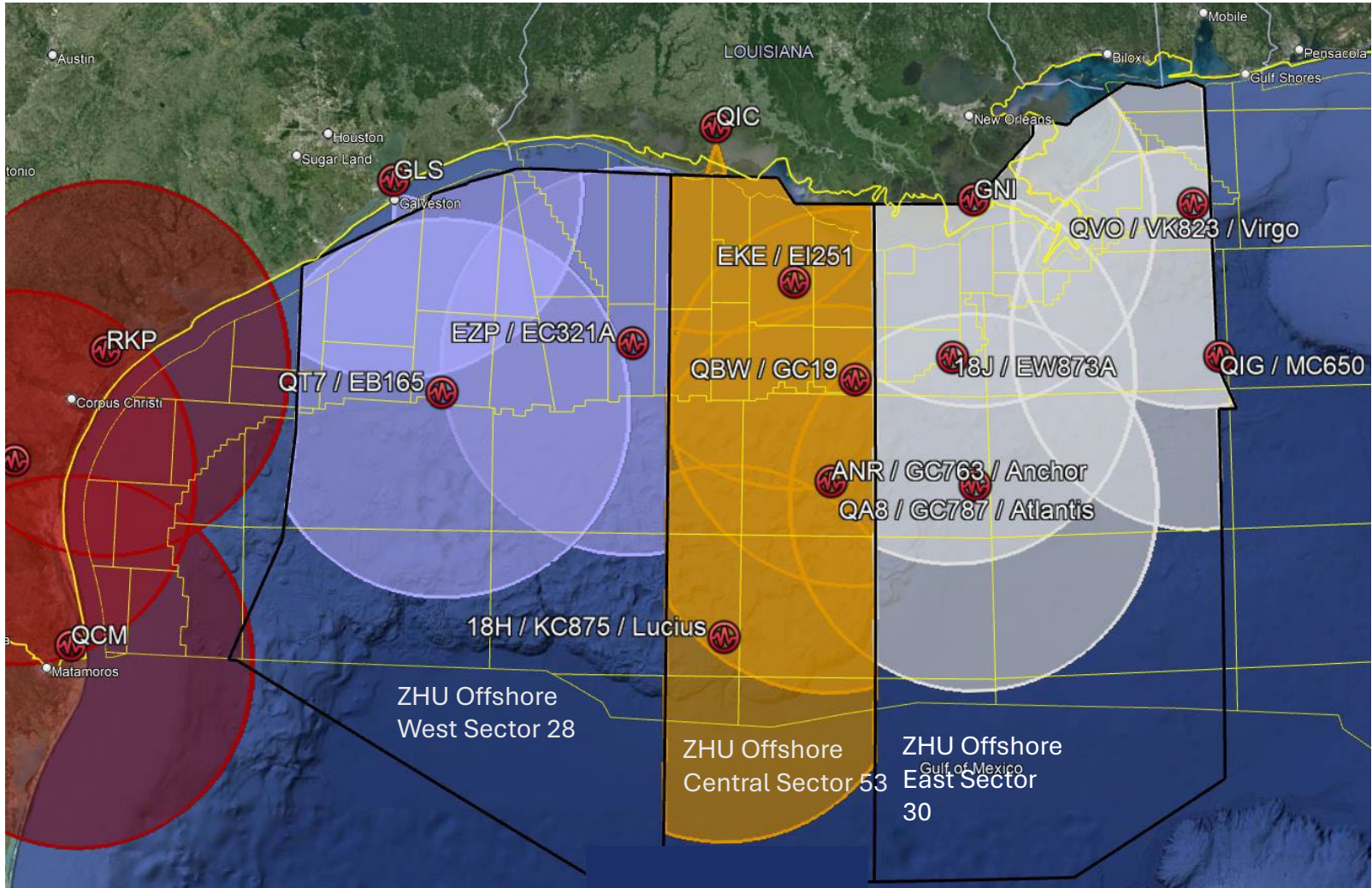
# Current ADS-B Coverage 1500' MSL



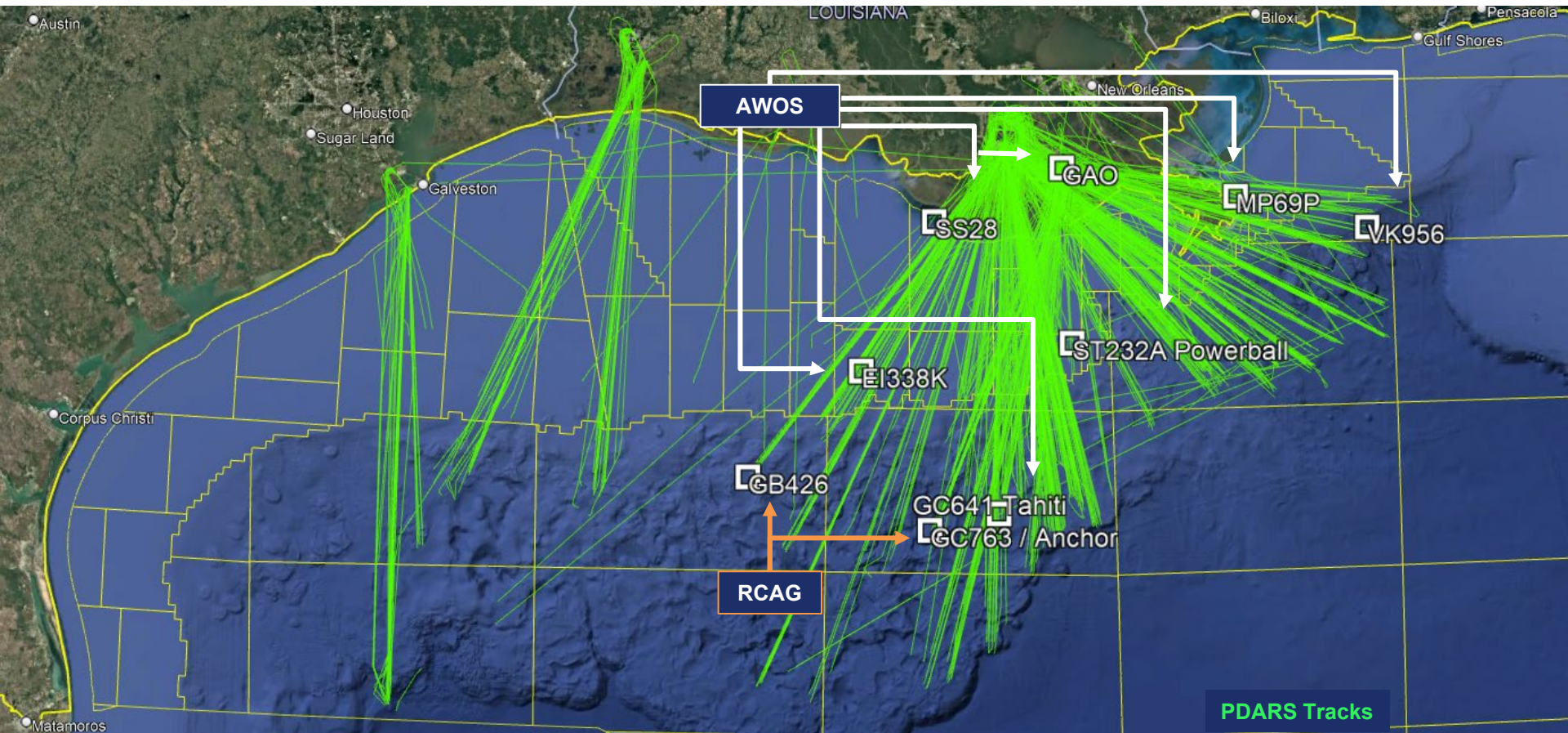
# Current ADS-B Coverage 3000' MSL



# Current RCAG Coverage



# 2024-25 Offshore Installation Projects



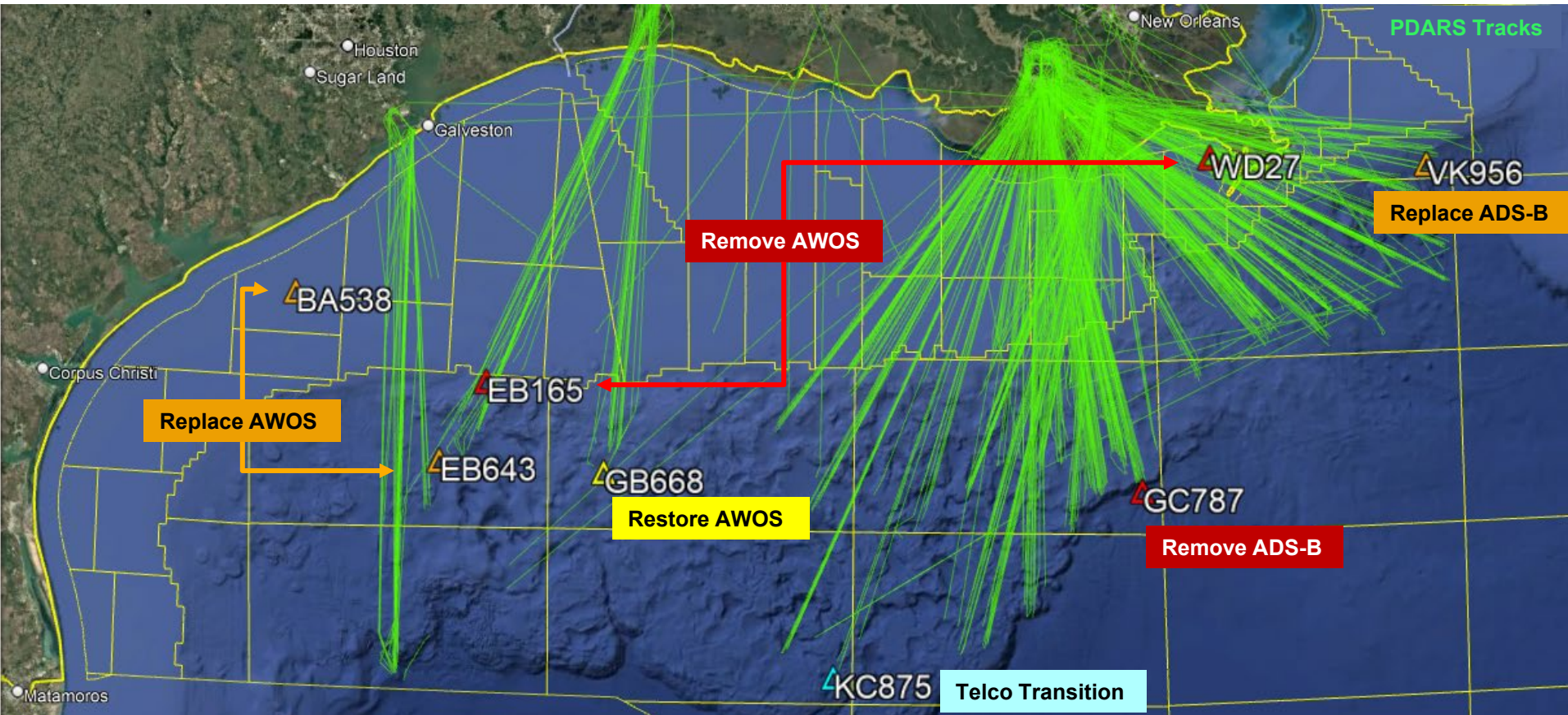
## AWOS Commissionings:

- |                                |                  |
|--------------------------------|------------------|
| ✓ Green Canyon 641             | Main Pass 69B    |
| Eugene Island 338K (Oct 2024)  | Galliano, LA     |
| South Timbalier 232 (Nov 2024) | Viosca Knoll 956 |
| Ship Shoal 28P                 |                  |

## ADS-B/RCAG Commissionings:

- ✓ RCAG Green Canyon 763 (Mar 2024)
- ✓ ADS-B Green Canyon 763 (Jun 2024)
- RCAG Garden Banks 426

# 2024-25 Offshore Sustainment Projects



- ✓ Remove AWOS West Delta 27
- ✓ Remove ADS-B Green Canyon 787
- ✓ Restore ADS-B Garden Banks 668
- ✓ Remove... then  Replace AWOS Brazos 538 (Oct/Nov 2024)
- Replace AWOS East Break 643 (Oct 2024)
- Replace ADS-B Viosca Knoll 956
- RCAG + ADS-B Telco Transition Keathley Canyon 875
- Remove AWOS East Break 165

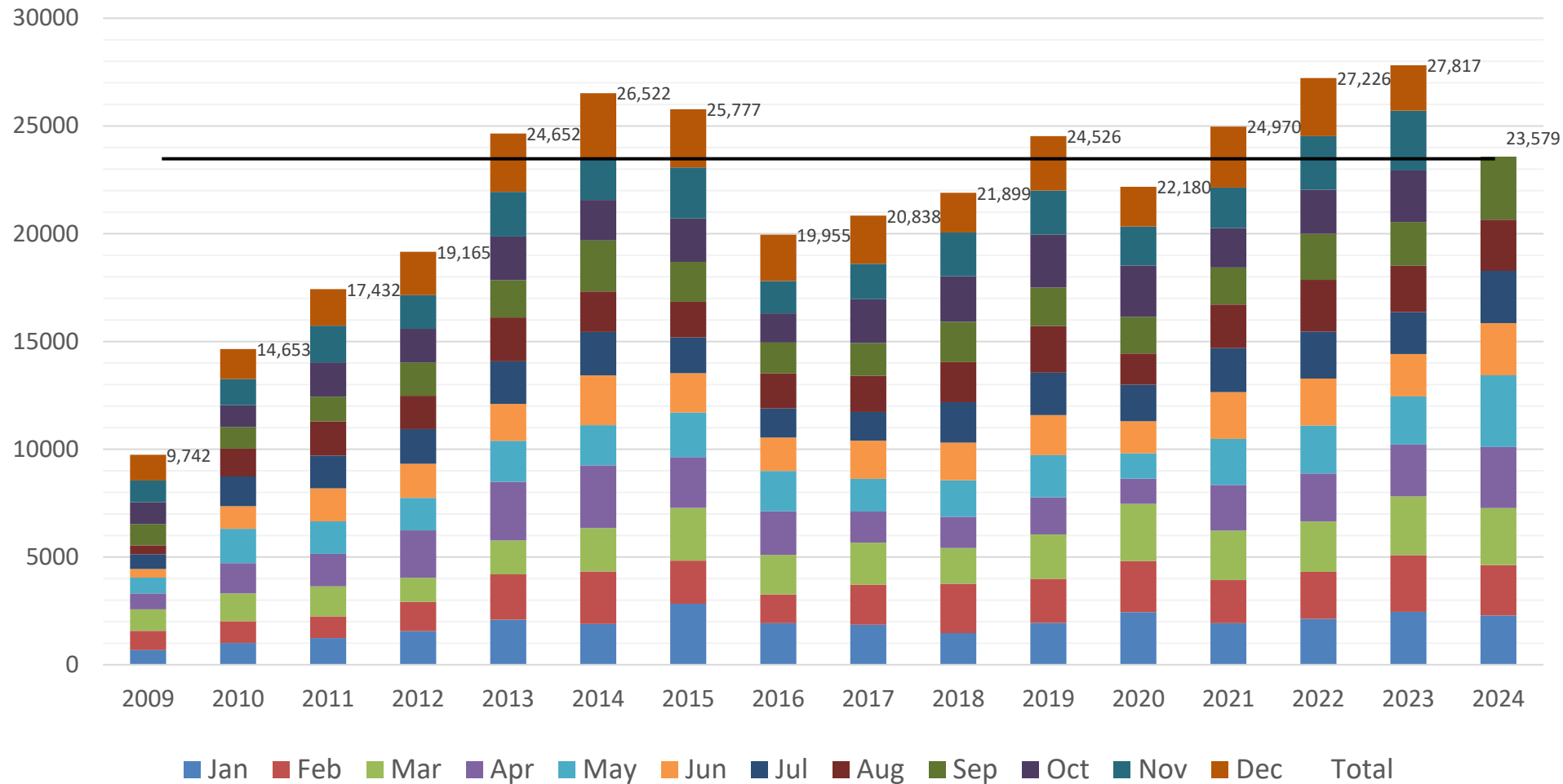
# Projected AWOS Losses within 5 Years

1. Alaminos Canyon 25
2. **East Breaks 165** – AWOS decommissioned
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

# ZHU IFR Offshore Traffic Count Chart

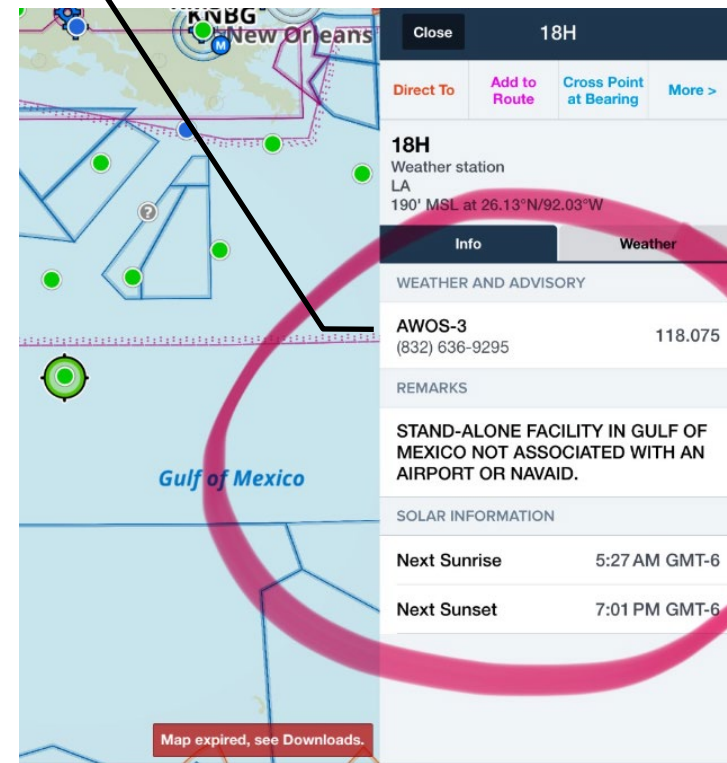
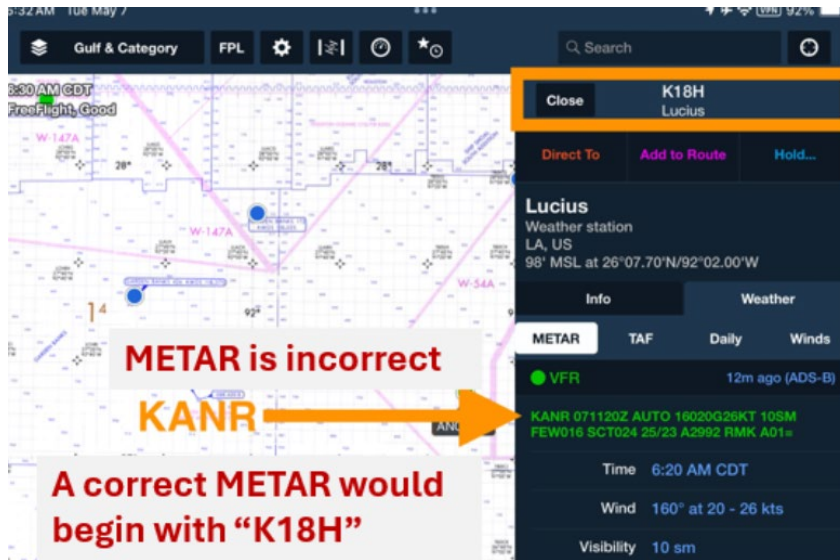
## IFR Offshore Helicopter Operations (ZHU) 2009 - 2024



# Community Awareness

1. Anticipate BA538 AWOS outage to continue through November 2024
2. ForeFlight Efforts
  - a. K18H-KANR METAR mismatch event **CLOSED**
  - b. GOM AWOS additions (FAA-VAI-FF)
  - c. Weather Boxes

**AWOS Phone #s and Site Remarks now accessible!**



# AIC Decisions

**At the October 9th AIC meeting, FAA and industry Stakeholders made the following decision:**

- 1. Review and update the Memorandum of Understanding, executed in 2021 between FAA – HSAC – Helicopter Association International**
  - Incorporate name change from Helicopter Association International to Vertical Aviation International**
  - Introduce Terms of Reference to document the responsibilities and commitments of each entity**

# Industry Support

**Installation Challenge: Achieve 35 AWOS (+10) Commissioned!**



Industry support needed to achieve the goal:

## **Energy Companies / FAA:**

- ✓ Expedite Memorandum of Agreements
- ✓ Travel for Site Surveys
- ✓ People On Board allocation
- ✓ General Prioritization among competing offshore projects



## **Helicopter Operators / FAA:**

- ✓ Travel for Site Surveys
- ✓ Garner Energy Company Support



**Tech Refresh Challenge: Remove and Replace ALL AWOS in the near future**



# FAA Offshore Infrastructure Management & Engineering (OIMe)



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