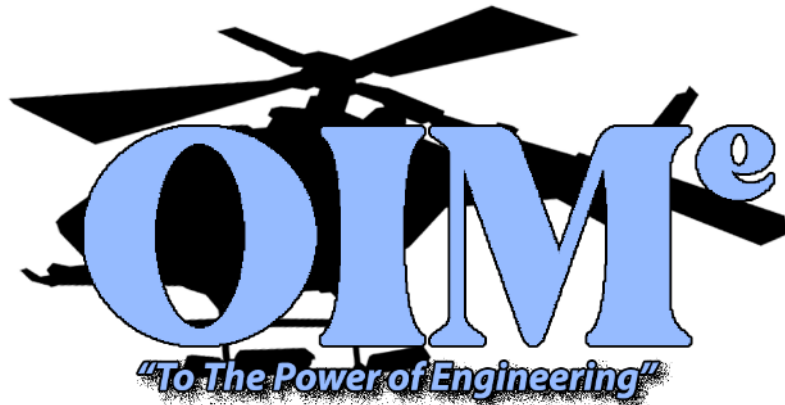


Surveillance and Broadcast Services

FAA Offshore Infrastructure Management
and Engineering Team



Presented to: HSAC Membership Meeting

By: Rana Obeid, Federal Lead

Date: January 16, 2025

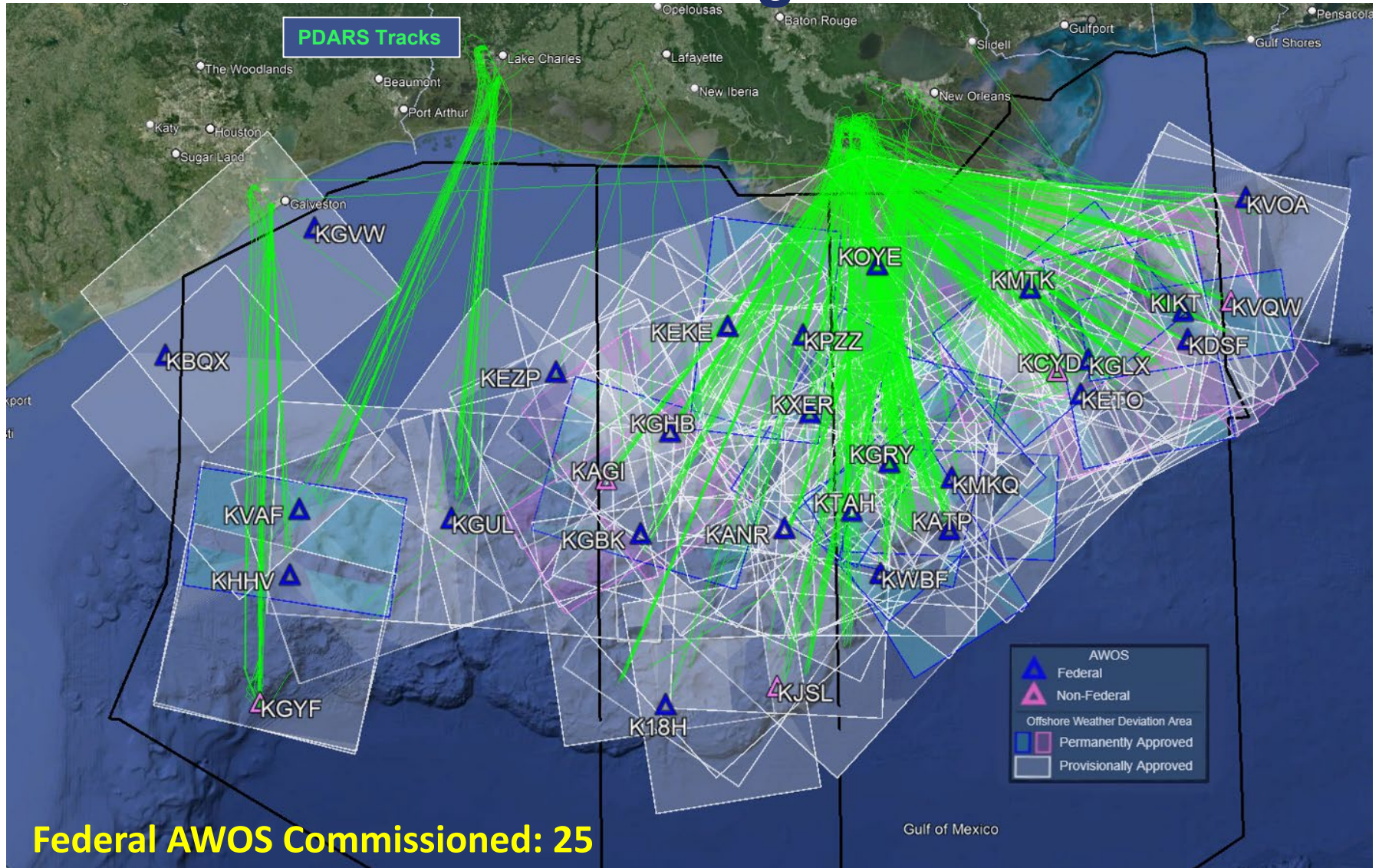




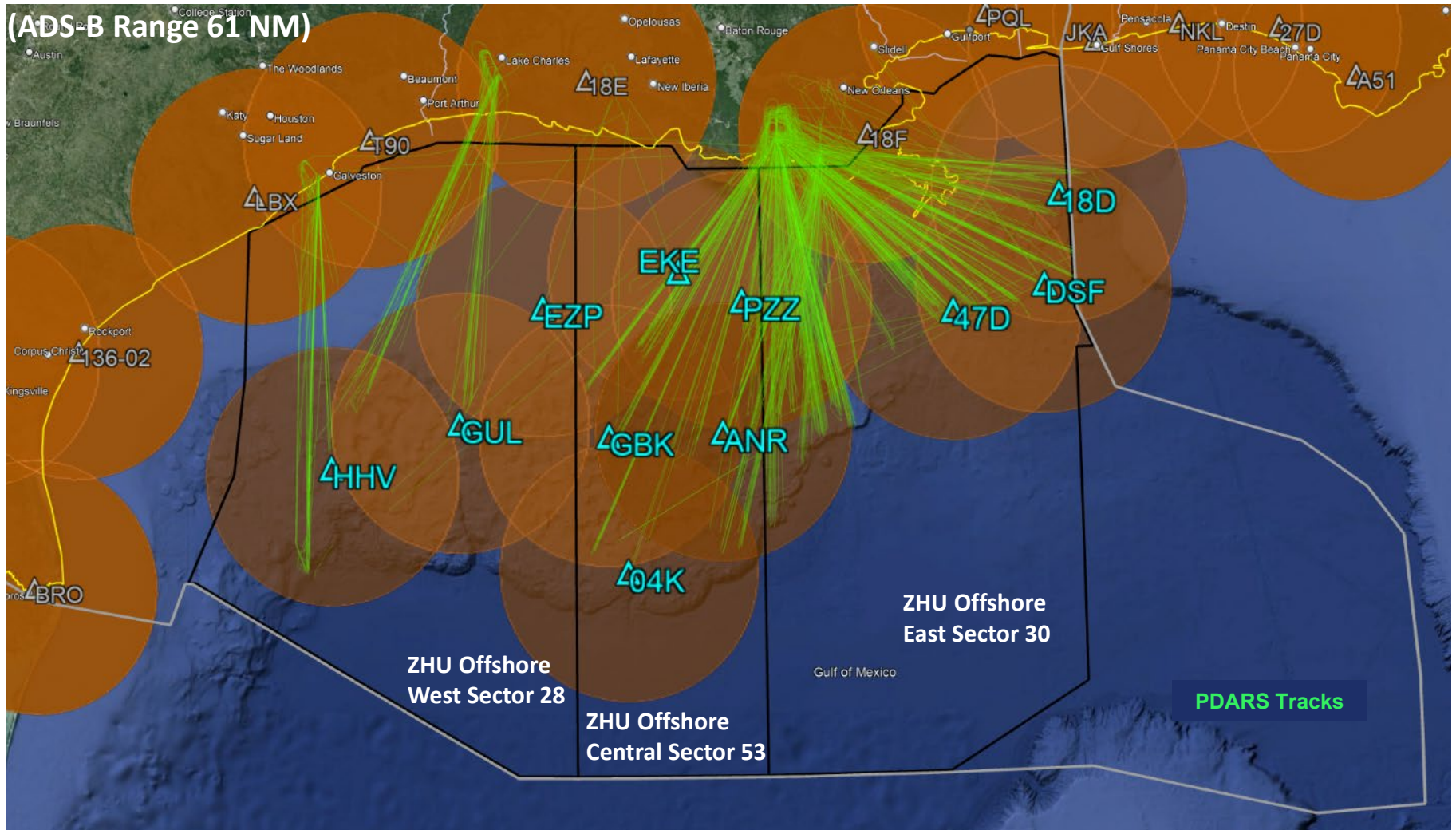
AFFORDABLE HOUSING IN D.C.

01.2025

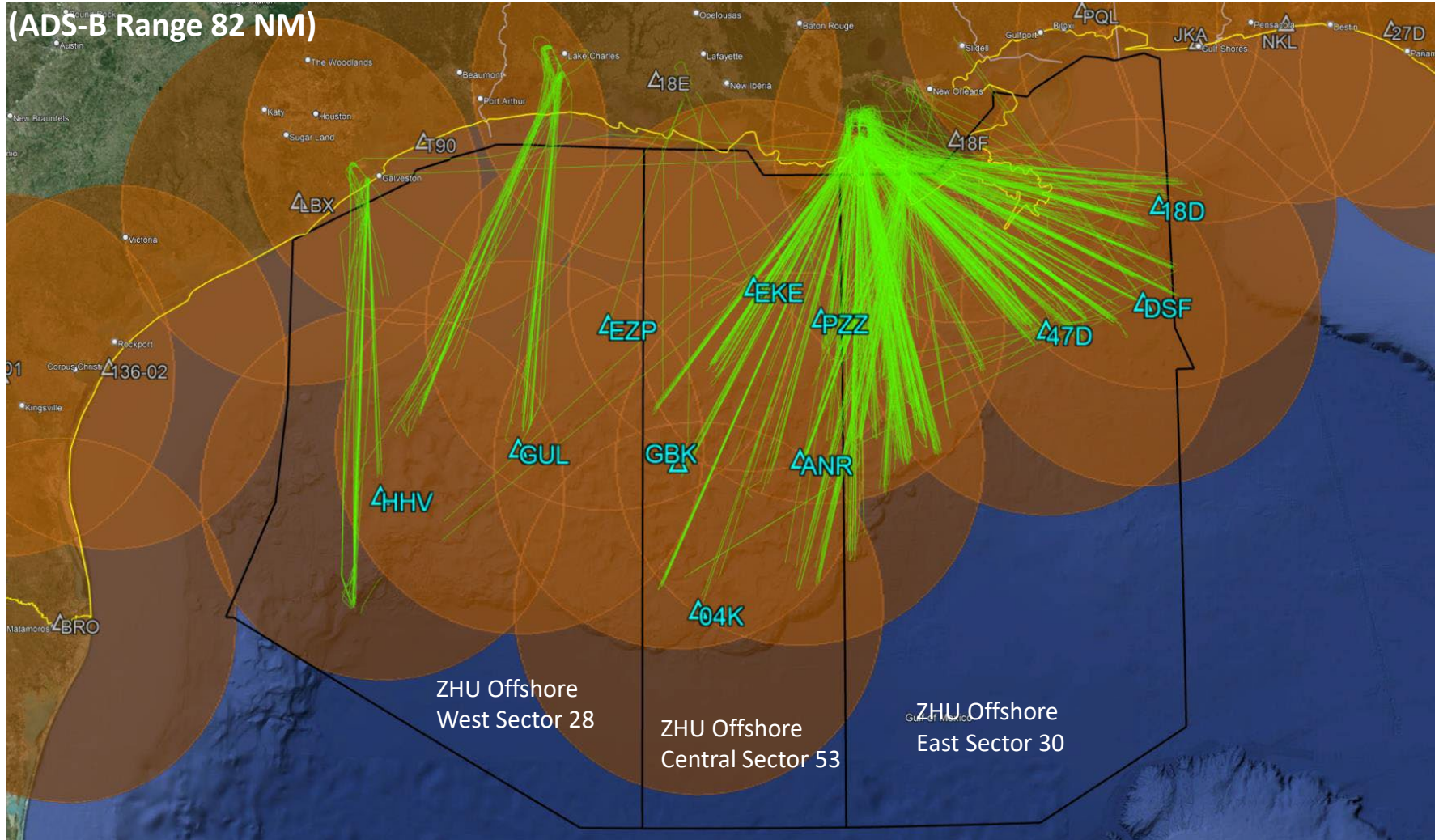
Current AWOS Coverage



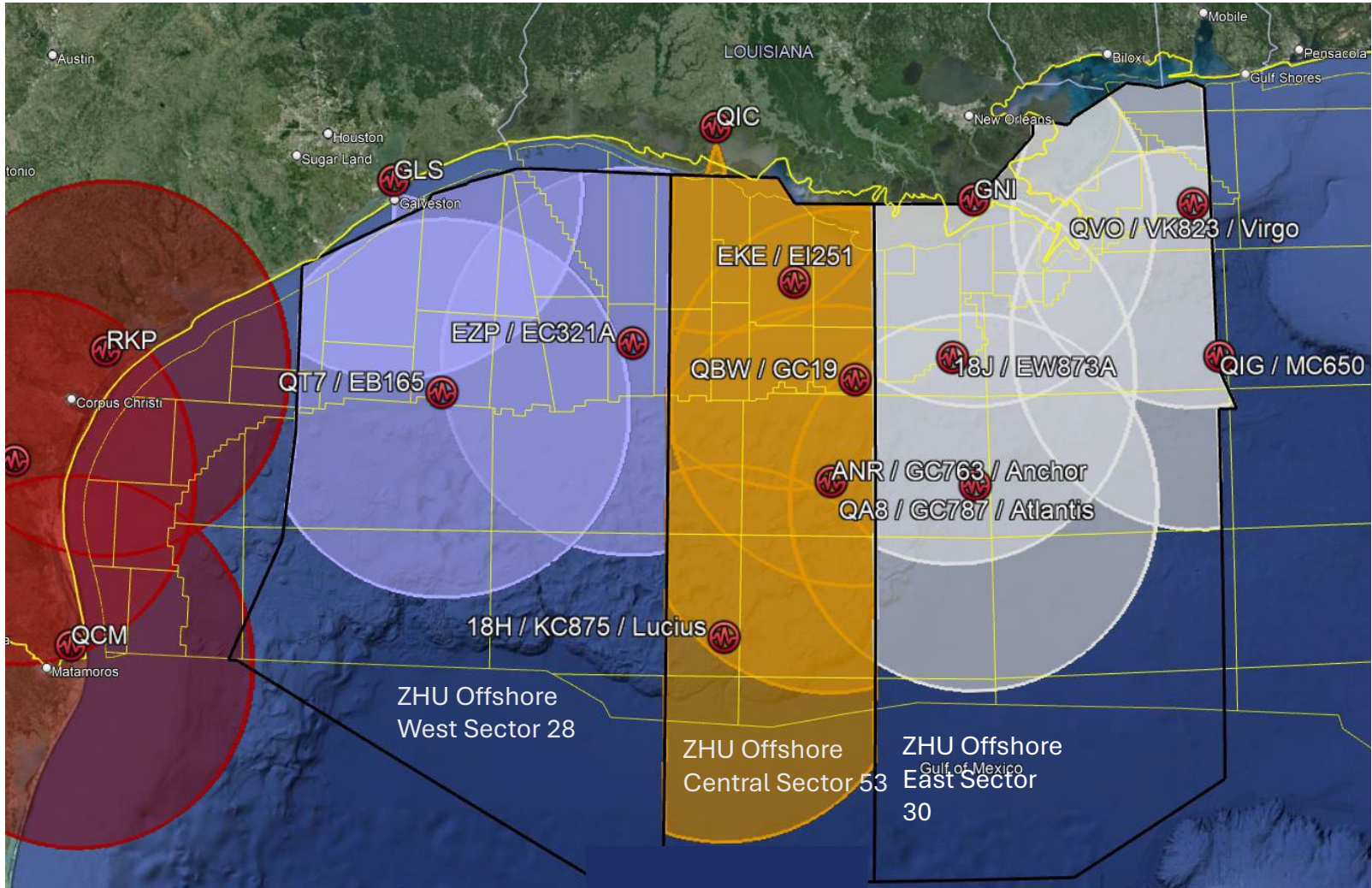
Current ADS-B Coverage 1500' MSL



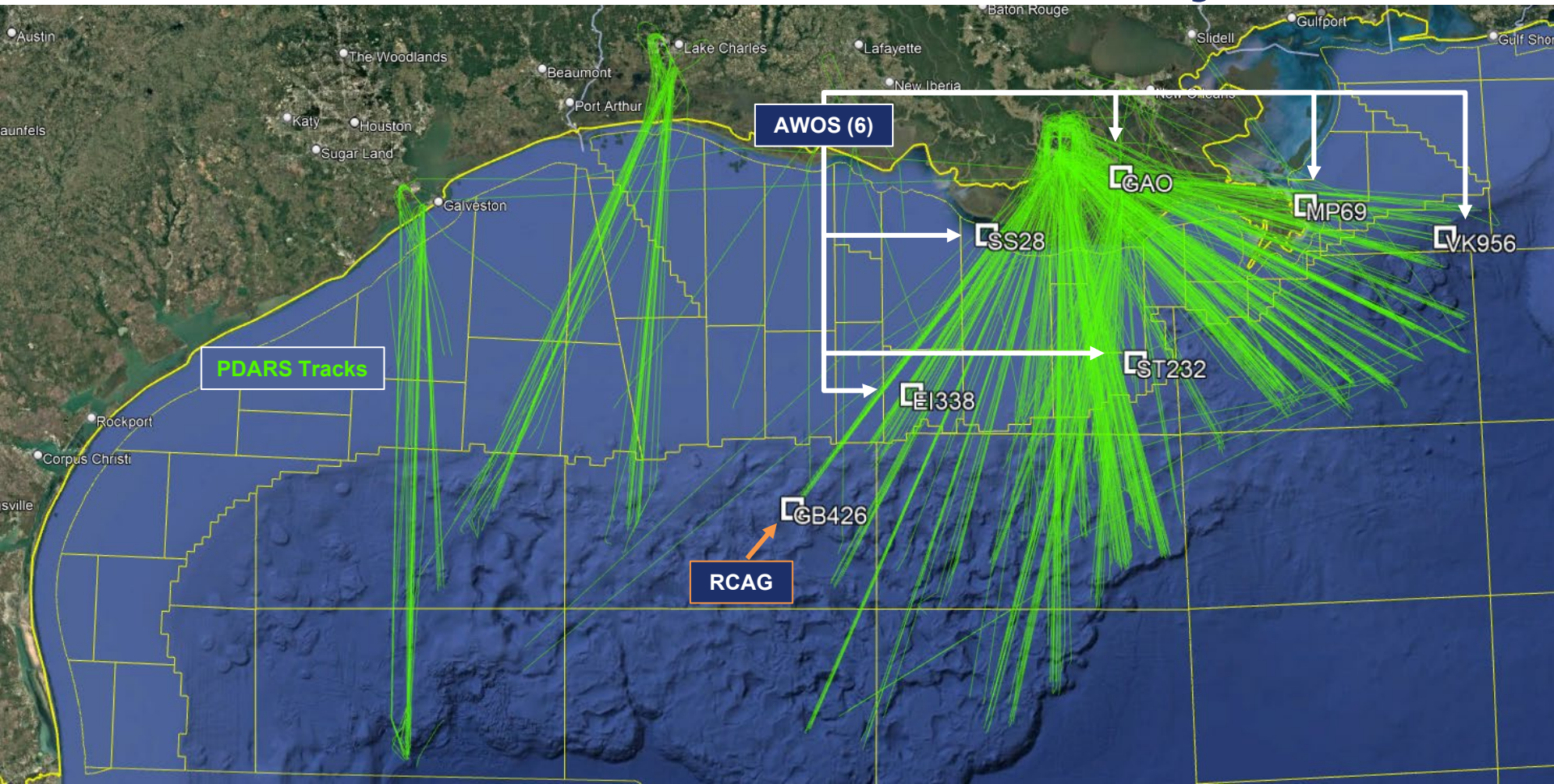
Current ADS-B Coverage 3000' MSL



Current RCAG Coverage 3000' MSL



2025 Offshore Installation Projects



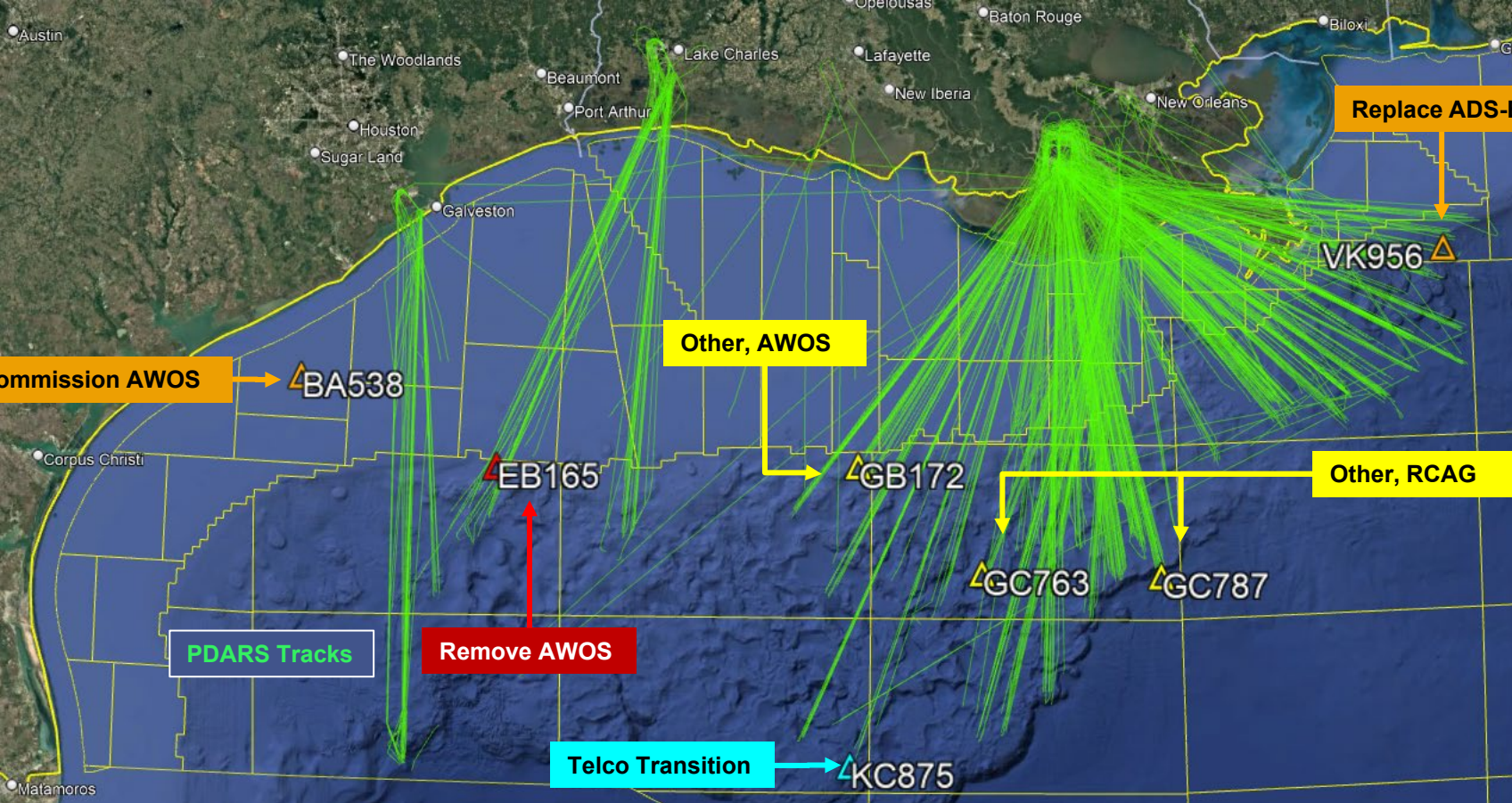
AWOS Commissionings:

Eugene Island 338 (Feb 2025)	Main Pass 69
South Timbalier 232 (Feb 2025)	Galliano, LA
Ship Shoal 28	Viosca Knoll 956

ADS-B/RCAG Commissionings:

RCAG Garden Banks 426

2025 Offshore Sustainment Projects



Re-commission AWOS Brazos 538
Remove AWOS East Break 165
Replace ADS-B Viosca Knoll 956

ADS-B Telco Transition Keathley Canyon 875
Monitor RCAG Green Canyon 787
Resolve Bleedover onto RCAG Green Canyon 763
Resolve AWOS Bleedover onto PA at Garden Banks 172

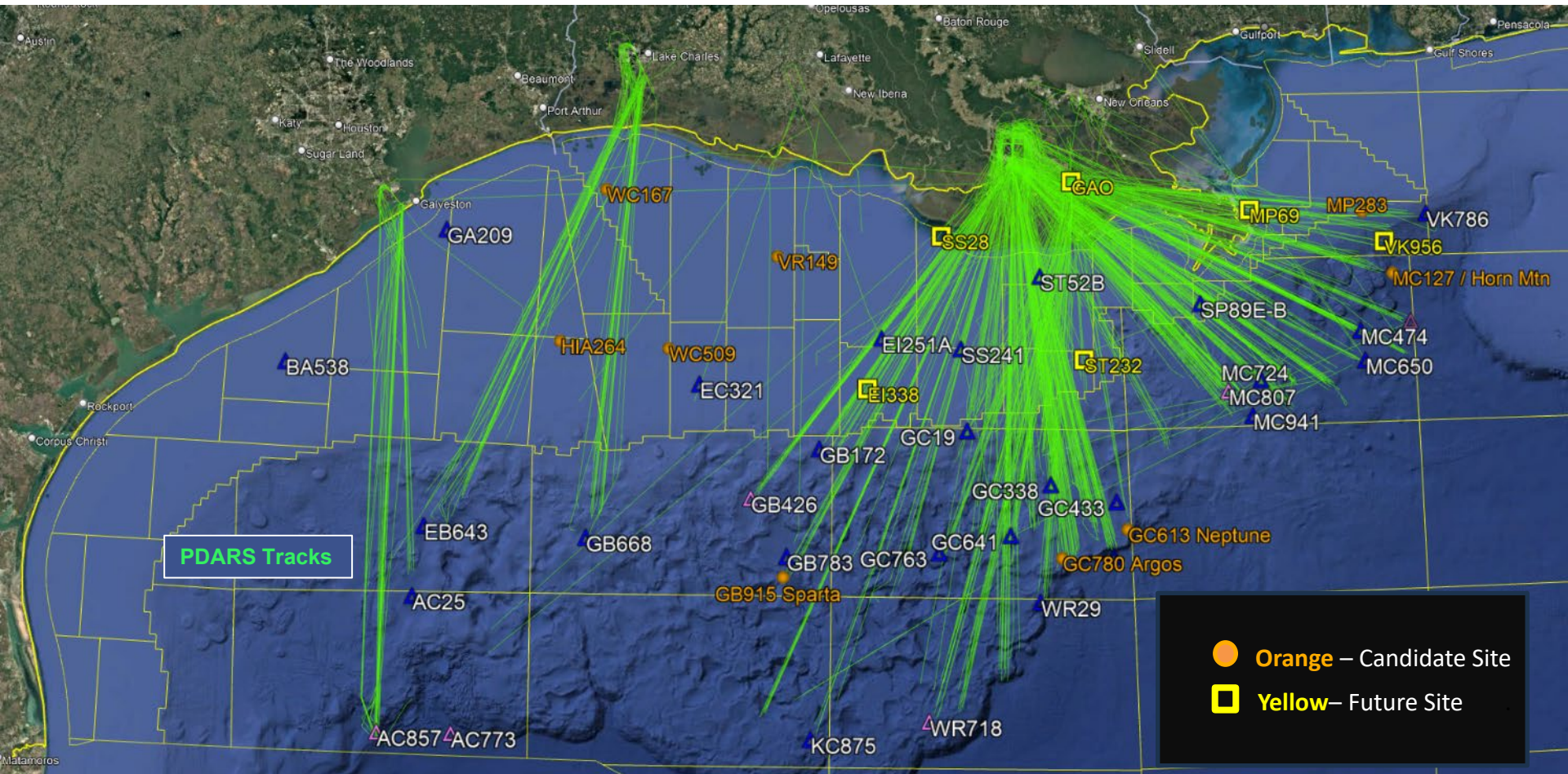


Projected AWOS Losses within 5 Years

1. Alaminos Canyon 25
2. East Breaks 643A
3. East Cameron 321A
4. **Garden Banks 668**
5. Garden Banks 783

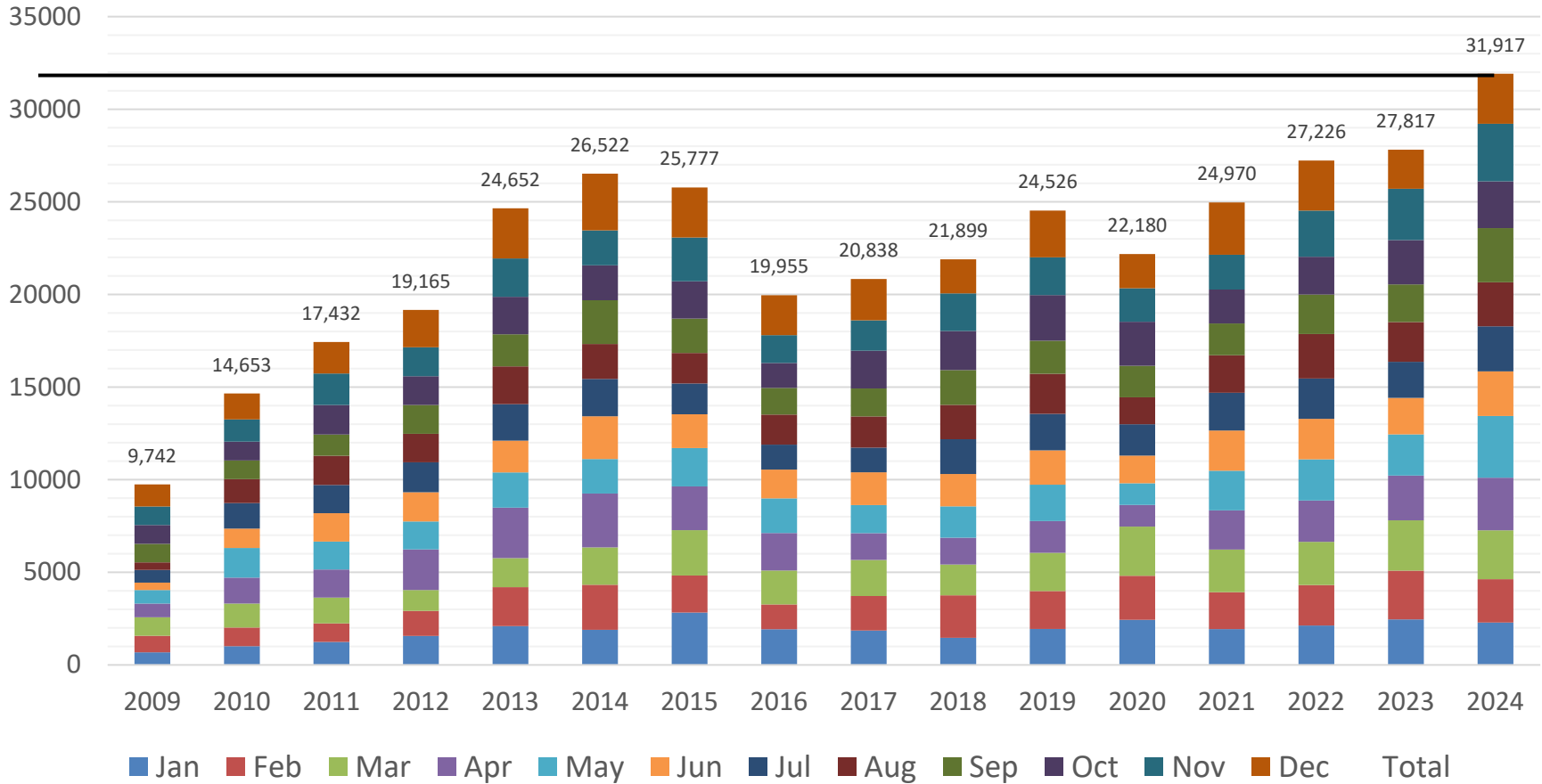
- = No replacement identified, seeking replacement suggestions
- = Replacement not planned
- = Possible replacement identified

Candidate Sites Identified for AWOS Installation Within Next 5 Years

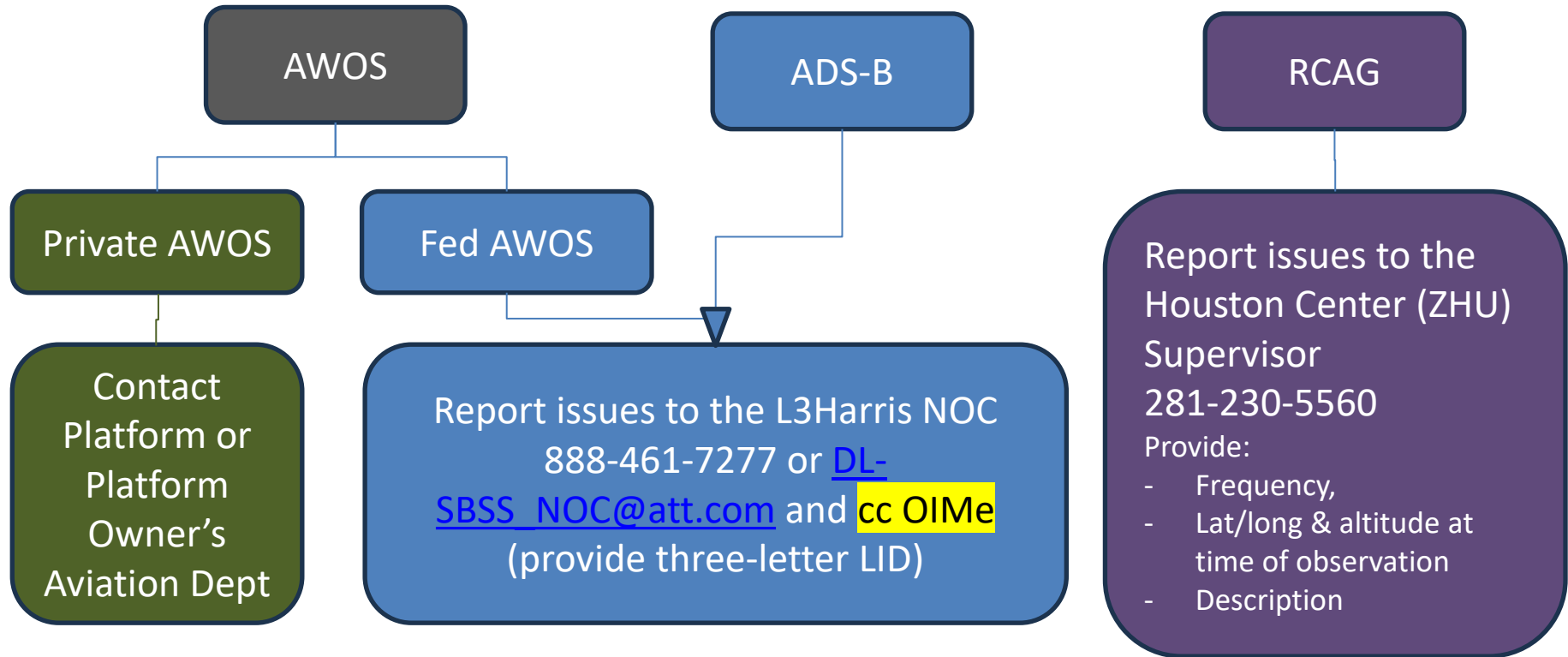


ZHU IFR Offshore Traffic Count Chart

IFR Offshore Helicopter Operations (ZHU) 2009 - 2024



Reporting Equipment Issues



Report concerns/impacts to operations/safety to OIMe Team: rcarraway@gems-inc.com & Alexandra.D.Charity@faa.gov

Important Items

Tahiti, Titan, and Whale AWOS Location on KMZ files have been discovered to be erroneous due to mistranslation of lat/long data. Location and associated provisional weather boxes will be corrected as soon as possible and redistributed.



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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