

# Surveillance and Broadcast Services

FAA Offshore Infrastructure Management  
and Engineering Team



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

By: Jamal Wilson, Federal Lead

Date: January 15, 2026



# 2025 Year in Review

## Equipment Changes

- Commissioned:
  - Four (4) AWOS – ST232, SS28, MP69, EI338K
  - VHF Comm at GB426
- Relocations: Titan is in progress
- Decommissioned: NONE!!

## Sustainment

- GC787 VHF Comm: Uptick in PM and CM, remains partially serviceable
- Prioritized resources to restore AWOS services
- Developed AWOS Outage Report for Industry visibility

## Special Mention

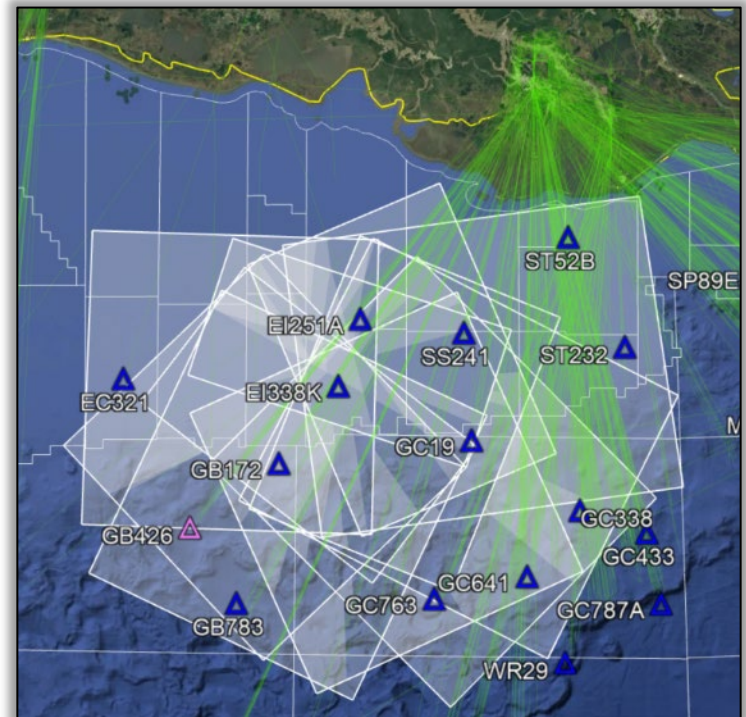
- Obtained FAA authorization to deploy **new** AWOS models on future installations!!
- Introduced group email address to report outages

# Recently Commissioned AWOS

Eugene Island 338K (Riker) Commissioned 12/15/2025

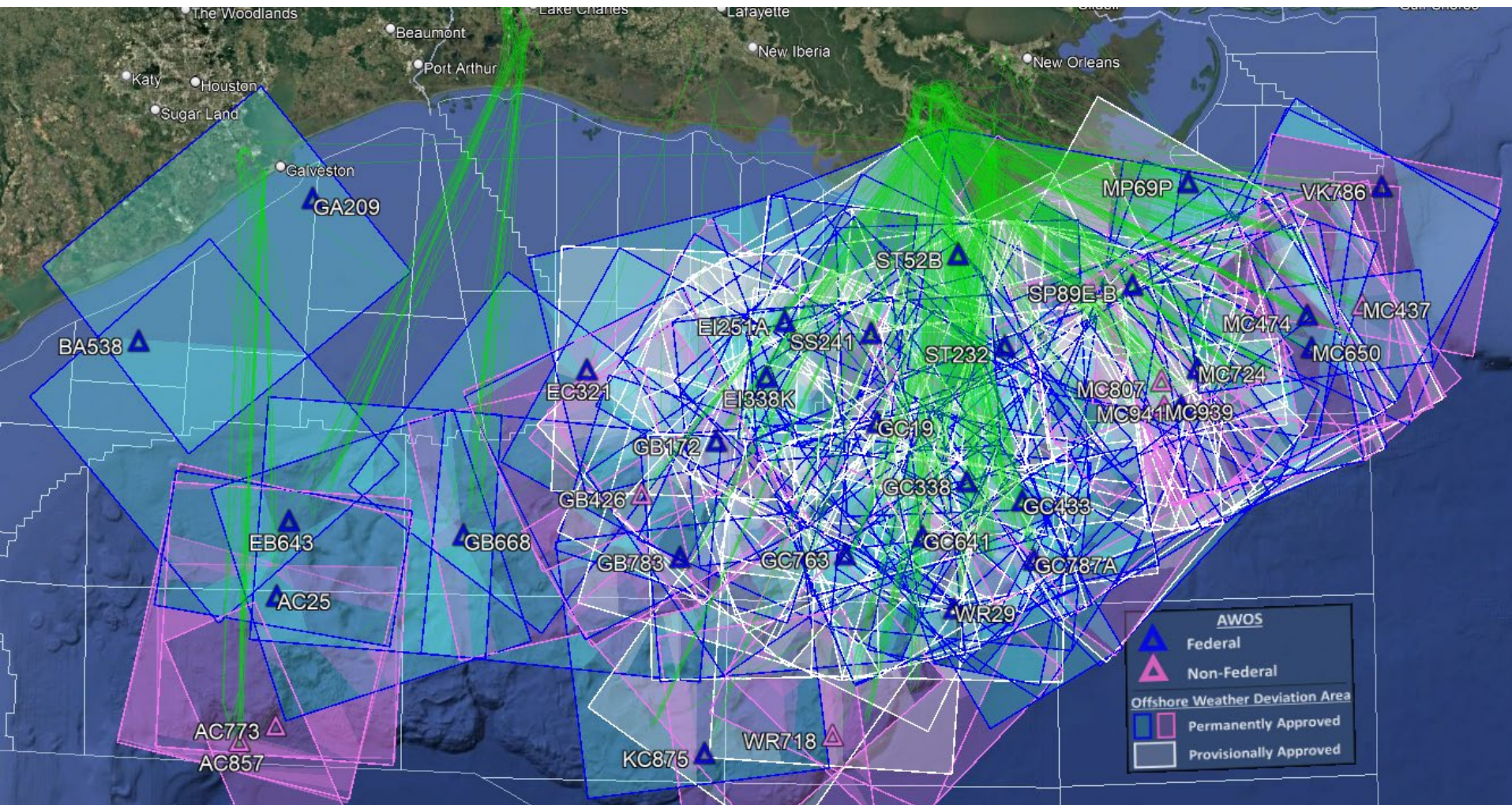


Main AWOS Sensor Suite



12 Weather boxes created by EI338K

# Current AWOS Coverage

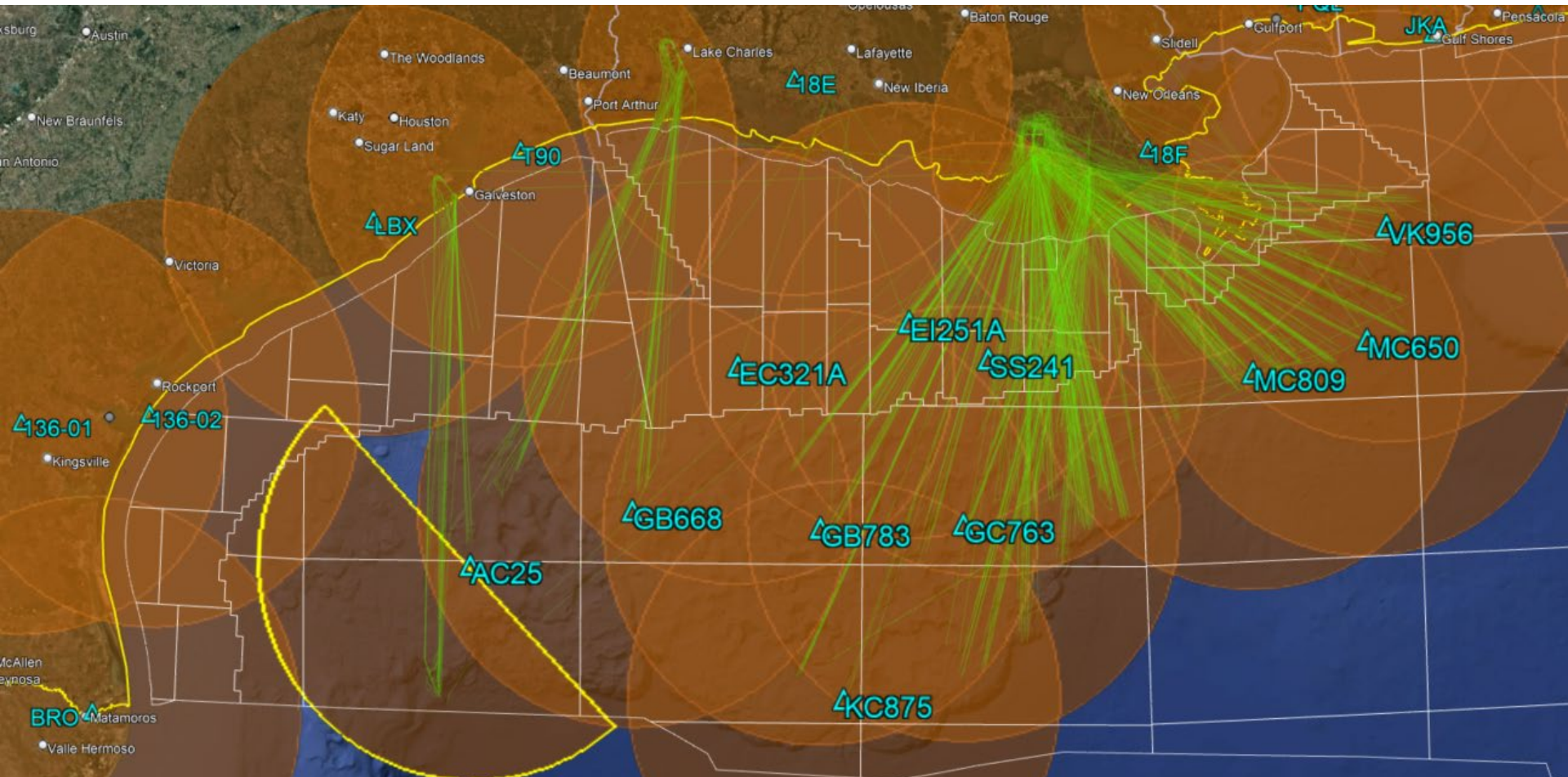


29 Federal AWOS Commissioned  
6 Non-Federal AWOS Commissioned

— PDARS Tracks (IFR flights)

201 Weather Boxes

# Current ADS-B Coverage 3000' MSL



11 of 12 available ADS-B Systems are commissioned

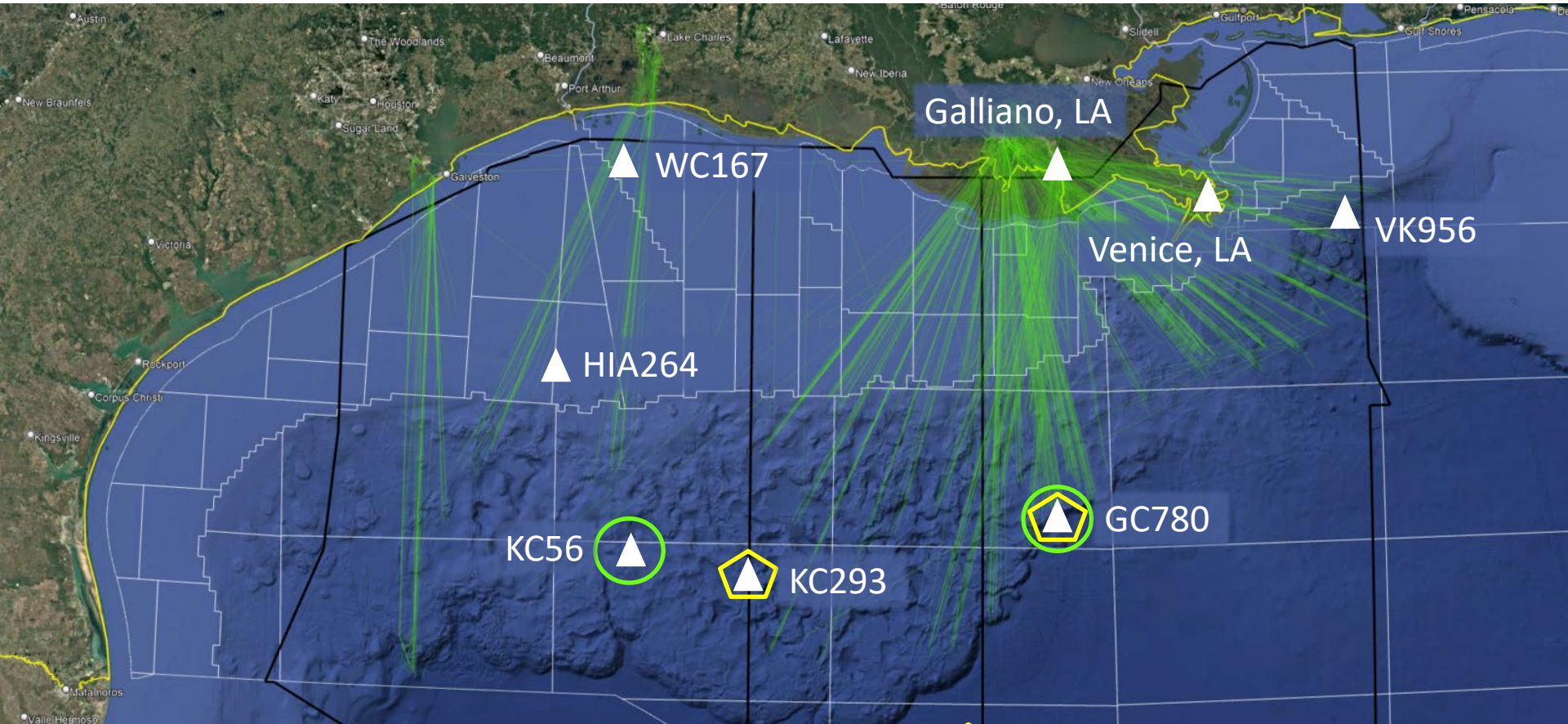
— PDARS Tracks (IFR flights)

82 NM average coverage range



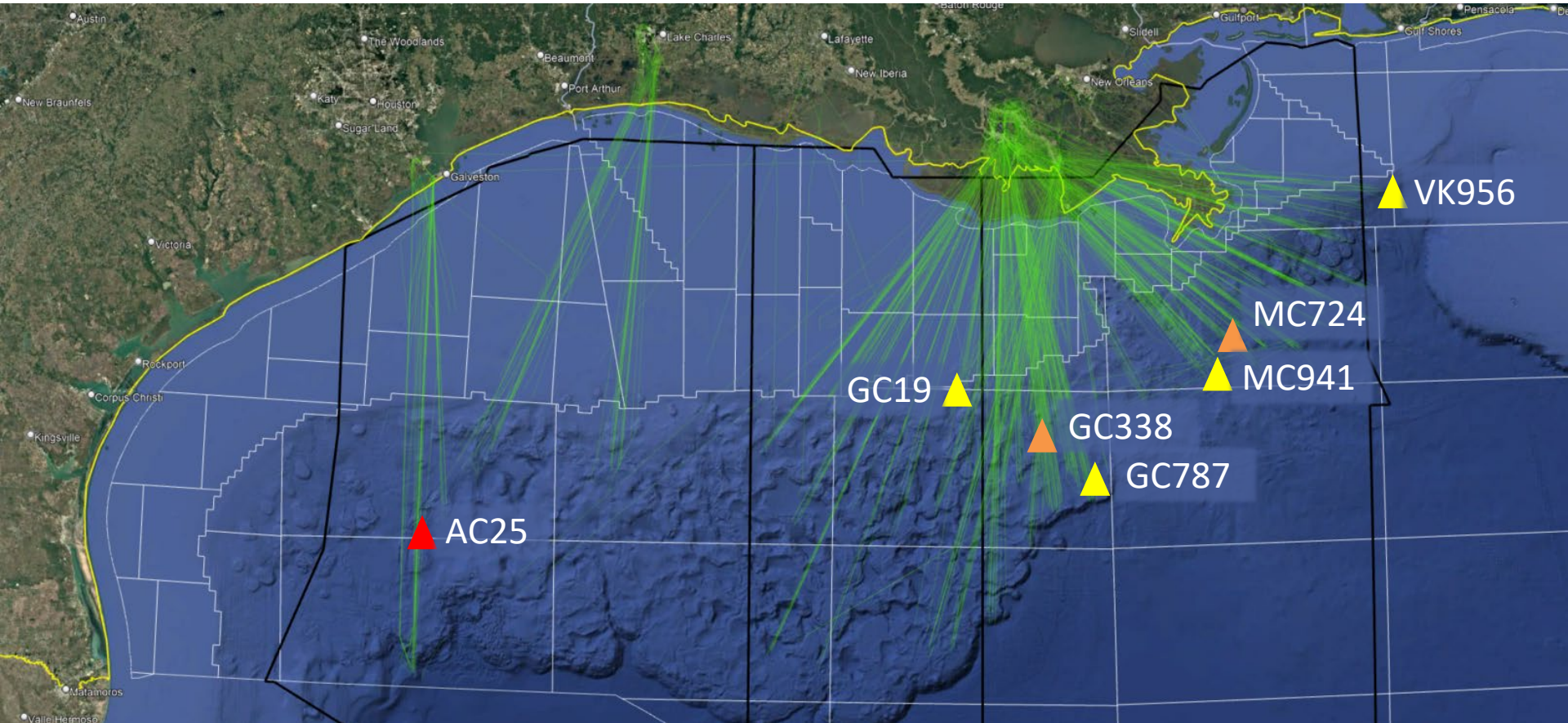


# Current Installation Projects



AWOS Projects ( ▲ )		ADS-B Projects ( ◡ )	RCAG Projects ( ○ )
Galliano, LA (June 2026)	Keathley Canyon 293 (2030)	Green Canyon 780	Green Canyon 780
Viosca Knoll 956 (October 2026)	Keathley Canyon 56 (2029)	Keathley Canyon 293	Keathley Canyon 56
Green Canyon 780	High Island A264		
Venice, LA	West Cameron 167		

# Current Sustainment Projects



Removal Projects ( ▲ )	Repair Projects ( ▲ )	Other Projects ( ▲ )
Alaminos Canyon 25, AWOS & ADS-B (Jun-July2026)	Several sites – Telco Issues	Remove and Replace AWOS – Mississippi Canyon 941
	Green Canyon 338 AWOS – VHF antenna	Remove and Replace ADS-B – Viosca Knoll 956
	Mississippi Canyon 724 AWOS – VHF antenna	Remove and Replace RCAG - Green Canyon 19
		Monitor RCAG – Green Canyon 787

# AWOS Outage Report

## FAA Gulf AWOS Outages 01.06.26

Block ID	FAA LID	Platform Name	webMETAR	Phone	VHF Radio	Date/Time	Temperature /Dew Point	Pressure /Altimeter	Wind	Visibility	Ceiling Clouds/	Planned Date of Repair
AC25	HHV	Hoover-Diana	INOP	INOP					INOP			
BA538	BQX	Brazos 538							UNREL / P		INOP	
EB643	VAF	Boomvang		INOP					UNREL / P			
EC321A	EZP	EC321A							INOP			
EI251A	EKE	EI251A										
EI338K	CTH	EI338					INOP	INOP	INOP	INOP	INOP	
GA209	GVW	GA209							INTER			travel scheduled 1/14/26
GB172	GHB	Salsa			INOP							
GB668	GUL	Gunnison		INOP								
GB783	GBK	Magnolia	INOP						UNREL / P			
GC19	XER	Boxer							UNREL / P			
GC338	GRY	Front Runner			INOP							
GC443	MKQ	King's Quay	INOP									
GC641	TAH	Tahiti							UNREL / P			
GC763	ANR	Anchor										
GC787	ATP	Atlantis		INOP								travel scheduled 1/12-1/13/26
KC875	18H	Lucius										
MP69P	MZM	MP69										
MC474	IKT	NaKika	INOP									travel scheduled 2/4-2/5/26
MC650	DSF	Blind Faith										
MC724	GLX	Gulfstar 1										
MC941	ETO	Titan	INOP	INOP	INOP	INOP	INOP	INOP	INOP	INOP	INOP	scheduled outage for platform work
SS28P	SPR	SS28		INOP	INOP							travel scheduled 1/5-1/6/26
SS241	PZZ	SS241										
SP89E-B	MTK	SP89E-B										
ST52B	OYE	ST52B										
ST232	PBM	Powerball							INOP			
VK786	VOA	Petronius										
WR29	WBF	Big Foot		INOP			INOP					

### Sensor Status

INOP	Inoperative
UNREL	Unreliable
INTER	Intermittent

### Notes

1. Permanently unreliable sensors are NOTAMed due to limitations of equipment configuration.
2. Sites listed include Federal AWOS only, not privately owned (non-fed) AWOS.
3. Report new outages via email to DL-SBSS\_NOC@att.com AND cc: ATO-Gulf-Outage-Reporting@faa.gov  
\*\*Include FAA LID\*\*





# 5-Year Outlook

# Negative Impacts to Gulf Operations



## Reduced IFR Operations

Due to increase in aircraft separation requirements



## Increased fuel usage and flight time

Less efficient routing  
=  
reduced available payload



## No-fly or significant rerouting events

Airspace designated as Warning Areas



## Unreliable flight times increase

Delayed clearance delivery



## Fewer tools supporting pilot decision-making

Tools supporting collision avoidance, cockpit displays, and ZHU support



## Risk of bird-strikes is increased

Bird-strike risk is highest at lower altitudes



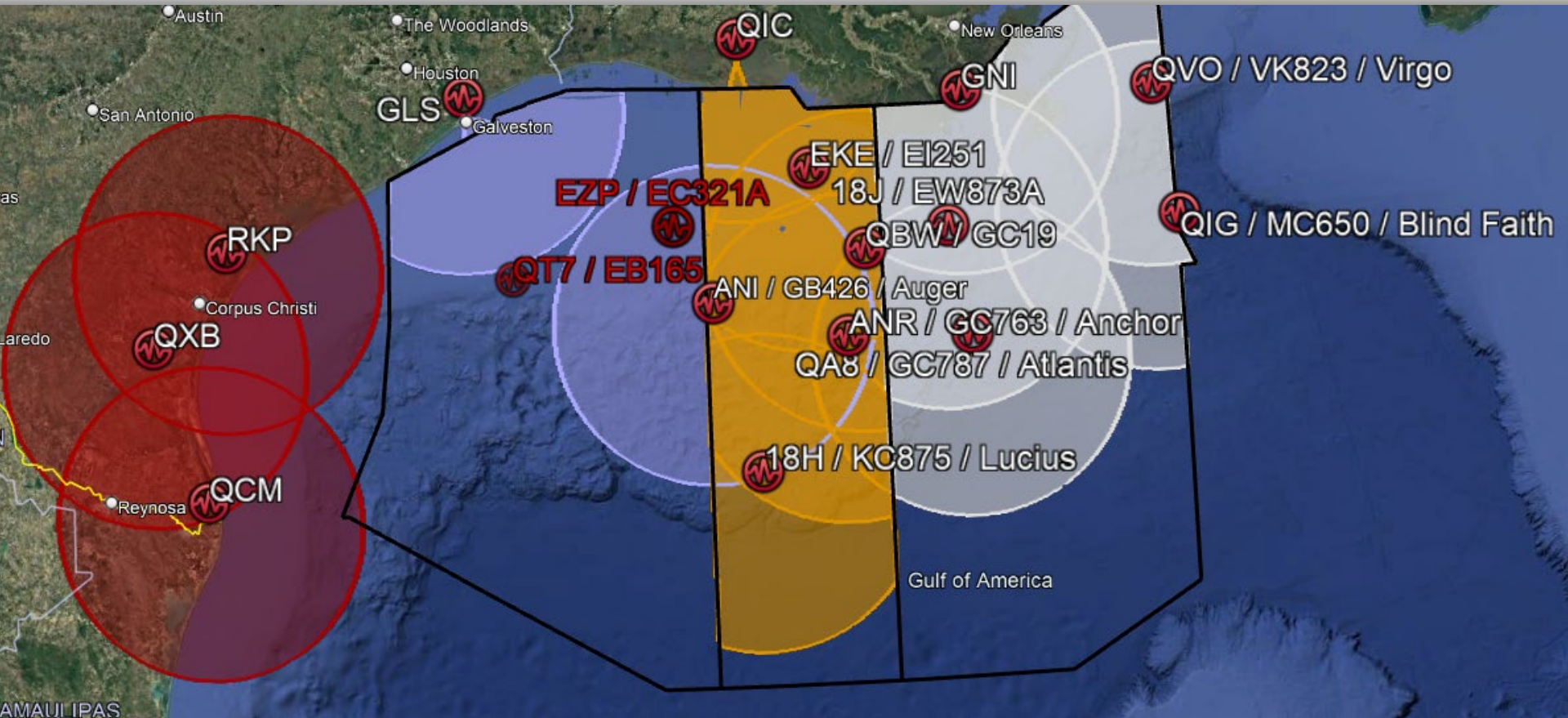
## Inhibited Emergency Response

ATC may not be in range to assist pilots in an emergency & Search and Rescue efforts will not have detailed position data

# VHF Comm Coverage Loss

Platform (LID)	Estimated Removal
East Breaks 165 (QT7)	2026
East Cameron 321A (EZP)	2027

3,000' MSL

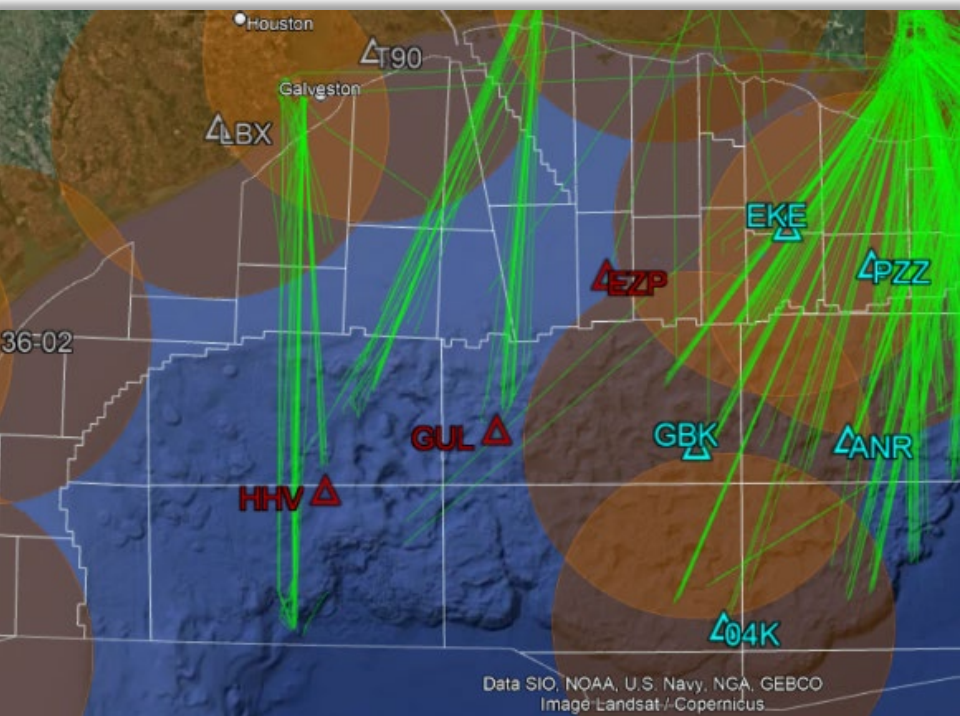




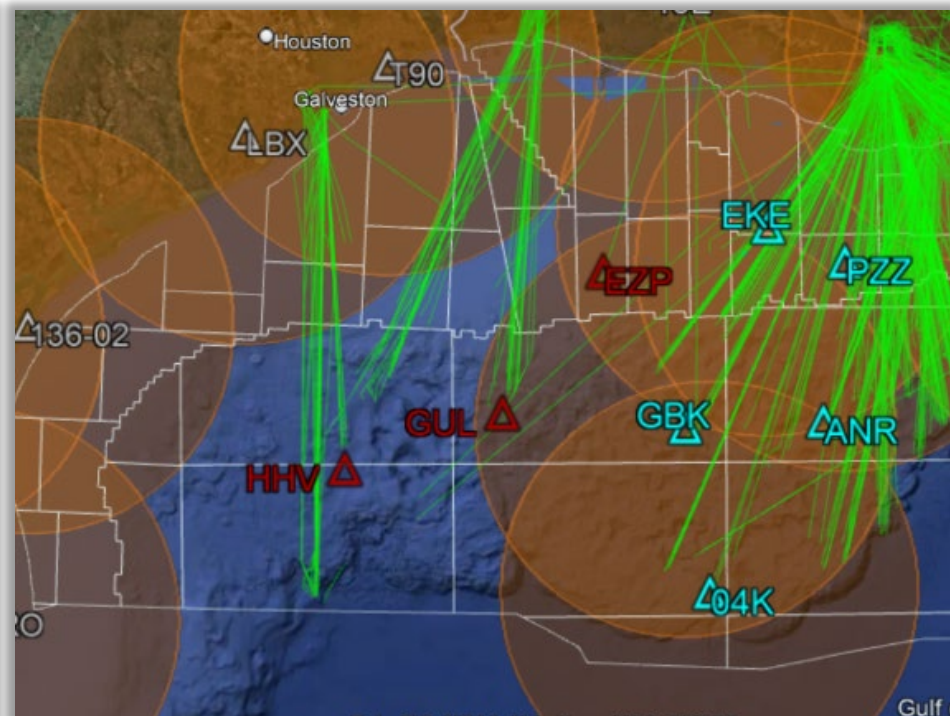
# ADS-B Coverage Loss

Platform (LID) / Lease Block	Estimated Removal
Hoover Diana (HHV) / Alaminos Canyon 25	July 2026
Gunnison (GUL)/ Garden Banks 668	2026
East Cameron 321 (EZP)	2027

1,500' MSL



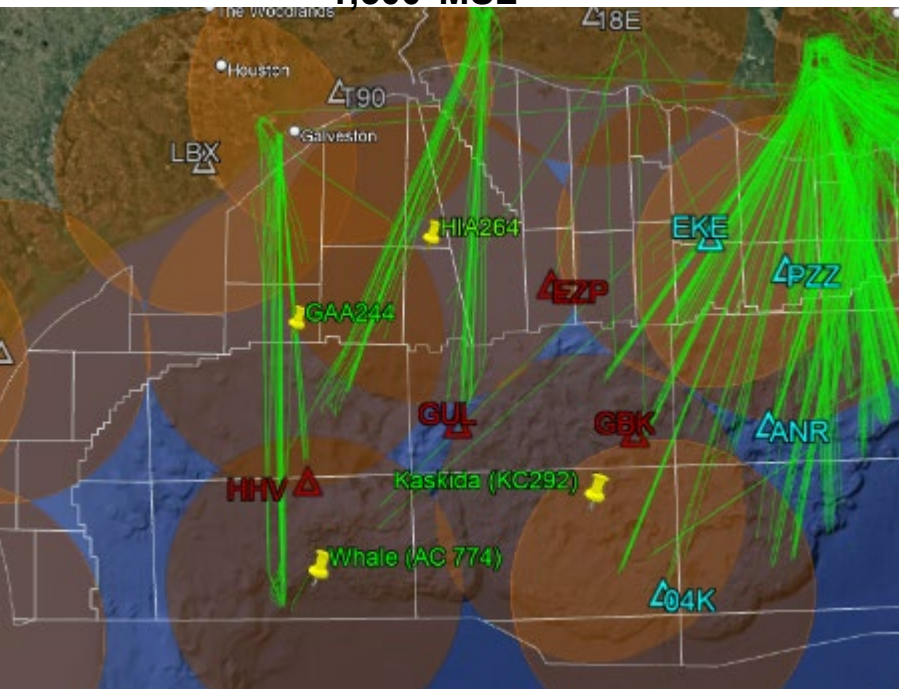
3,000' MSL



# ADS-B Coverage Awareness

Platform (LID) / Lease Block	Estimated Removal	Estimated Installation
Hoover Diana (HHV) / Alaminos Canyon 25	July 2026	
Gunnison (GUL)/ Garden Banks 668	2026	
East Cameron 321 (EZP)	2027	
Garden Banks 783 (GBK)	2028	
Whale / Alaminos Cayon 774		2028
High Island A264B		2028
Galveston A244		2028
Kaskida /Keathley Canyon 292		2029

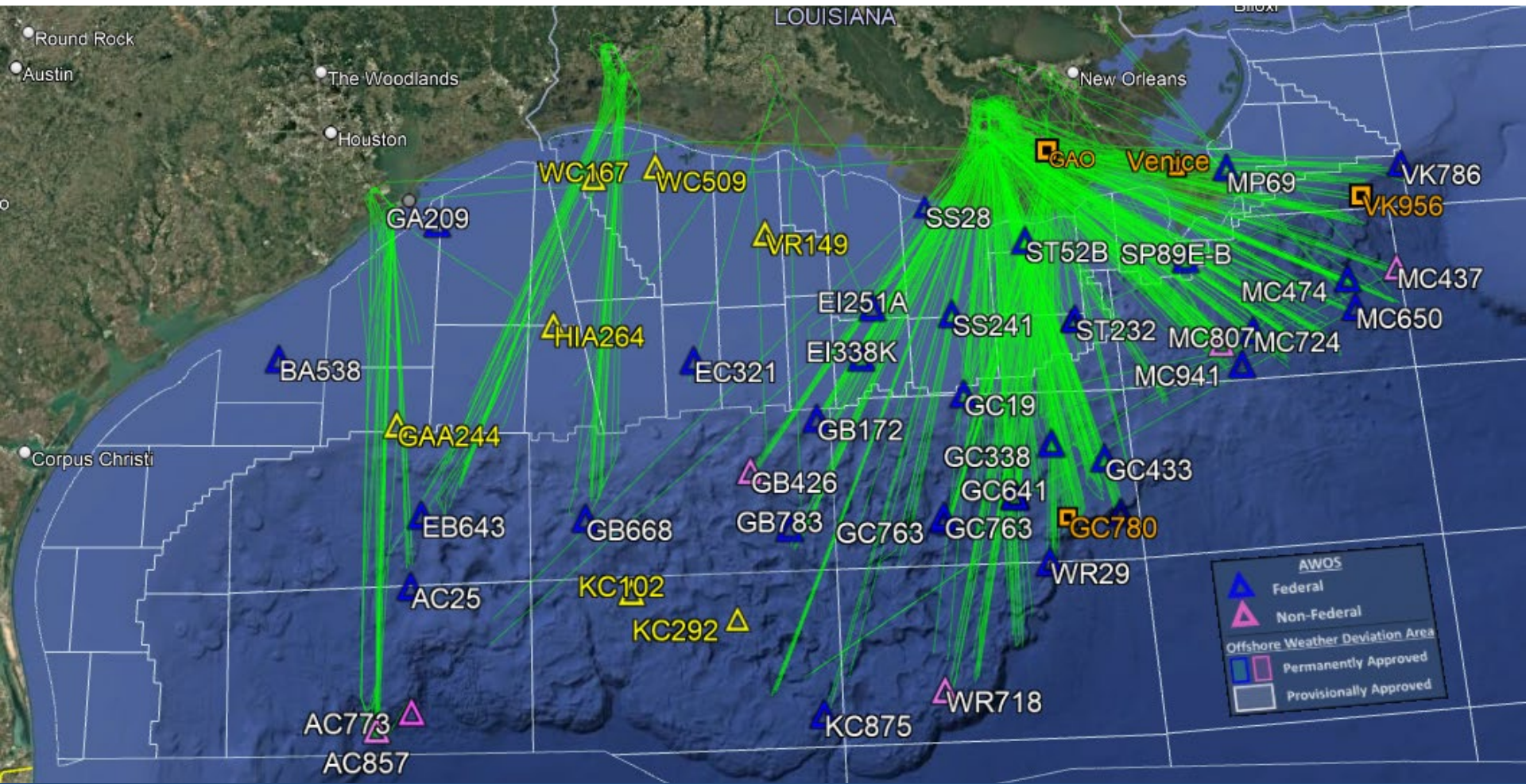
1,500' MSL



3,000' MSL



# Candidate Sites Identified for Possible AWOS Installation



▲ - Candidate Site

◻ - Future Site

— PDARS Tracks (IFR flights)



# 1 AIC Decision to Install Equipment:

**Location:** Tiber KC56

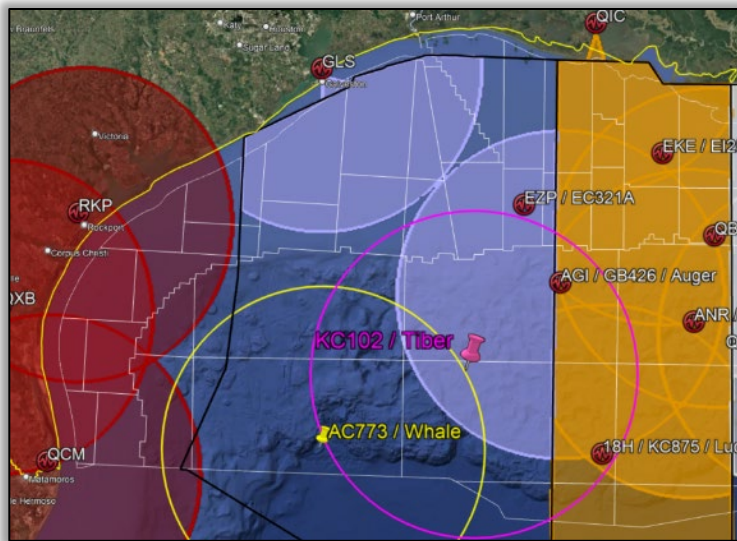
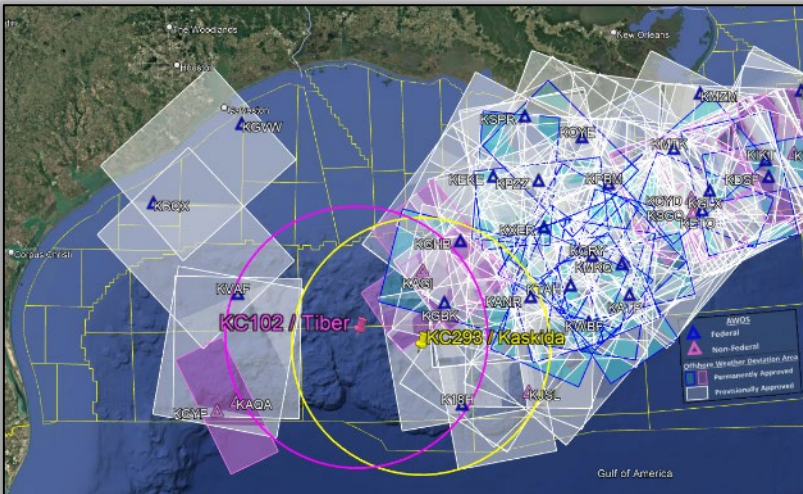
**Timeline:** Commission in ~2029/2030

## **AWOS:**

- Expand primary weather coverage to western half of deepwater region by creating at least 4 (four) weather boxes to support IFR flight requirements and support VFR flight operations.
- Adds redundant coverage to western half of deepwater region

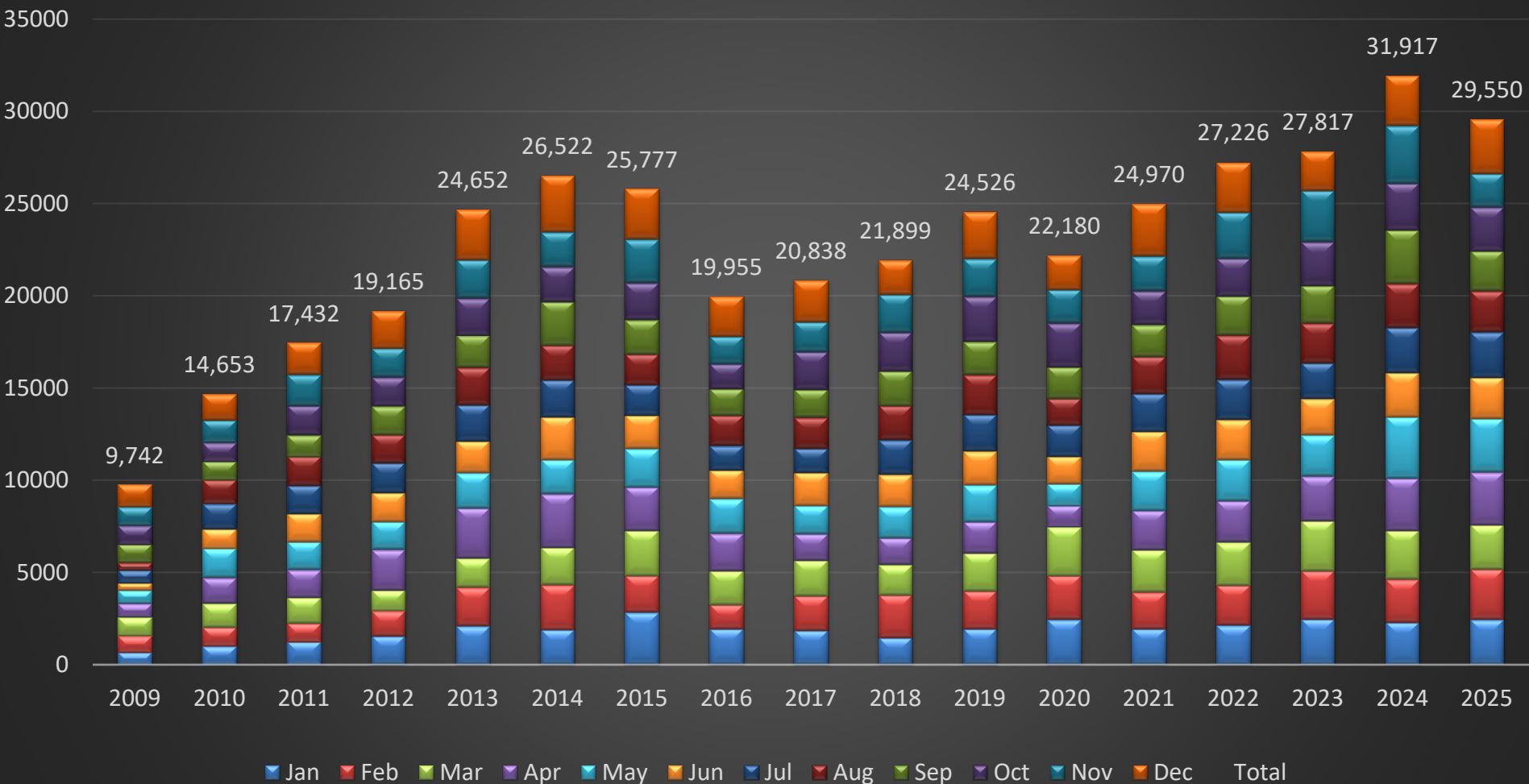
## **VHF Comm:**

- Provide primary VHF communications coverage in the Offshore West sector to support IFR flight requirements and VFR emergencies
- Creates redundant coverage in Offshore West sector

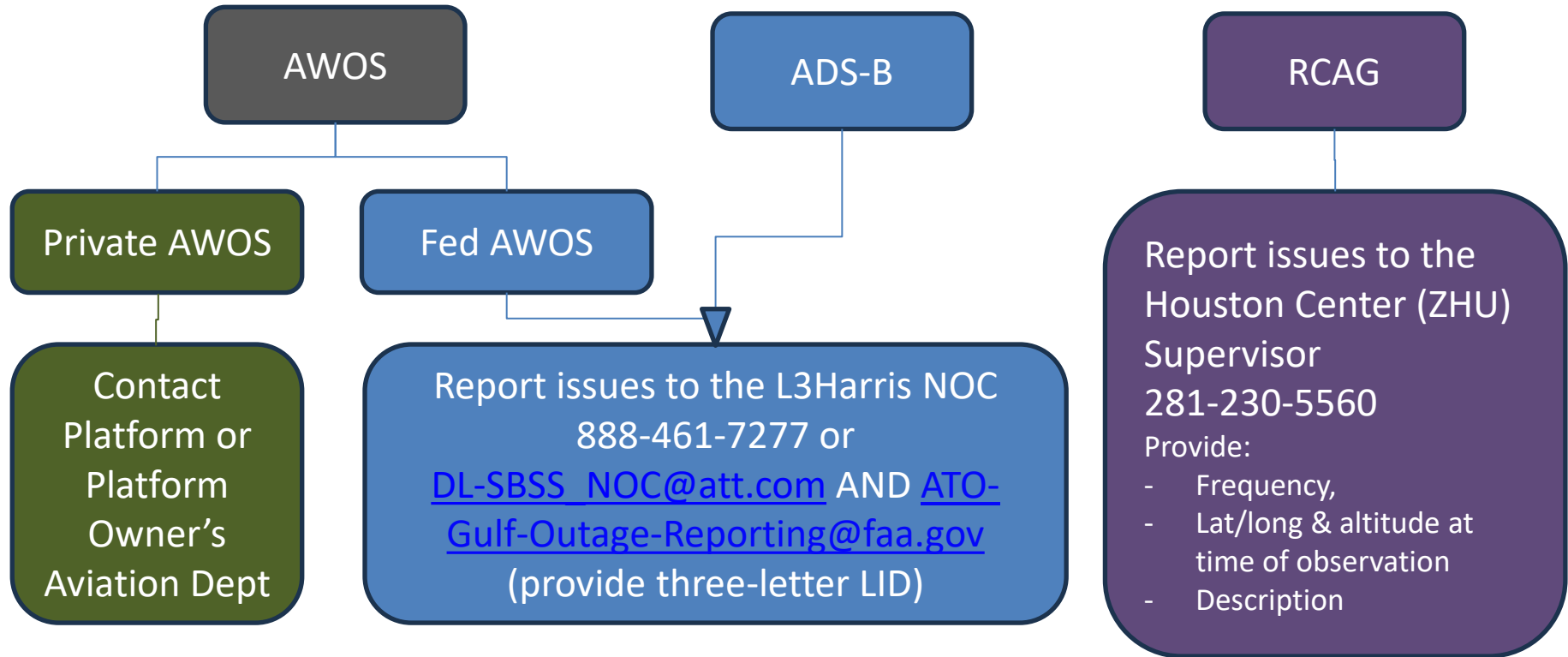


# ZHU IFR Offshore Traffic Count Chart

## IFR Offshore Helicopter Operations (ZHU) 2009 - 2025



# Reporting Equipment Issues



Report concerns/impacts to operations/safety to OI Me Team:  
**[ATO-Gulf-Outage-Reporting@faa.gov](mailto:ATO-Gulf-Outage-Reporting@faa.gov)**

# FAA Offshore Infrastructure Management & Engineering (OIMe)



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