

Surveillance and Broadcast Services

Gulf of Mexico In-Service Management

Presented to: Agreement Implementation
Committee

By: FAA Gulf Team

Date: October 17, 2018



Federal Aviation
Administration

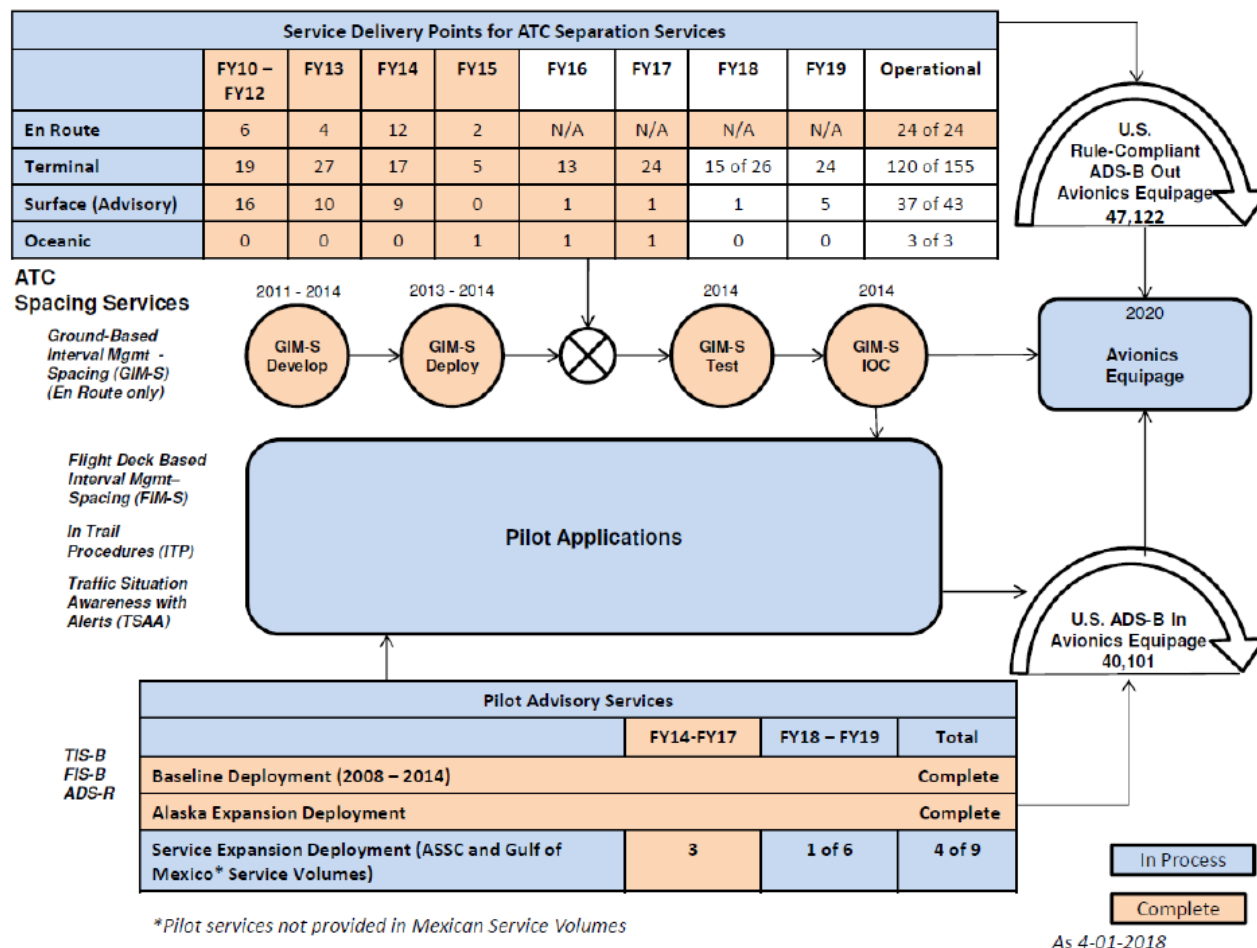


Federal Aviation
Administration

Agenda

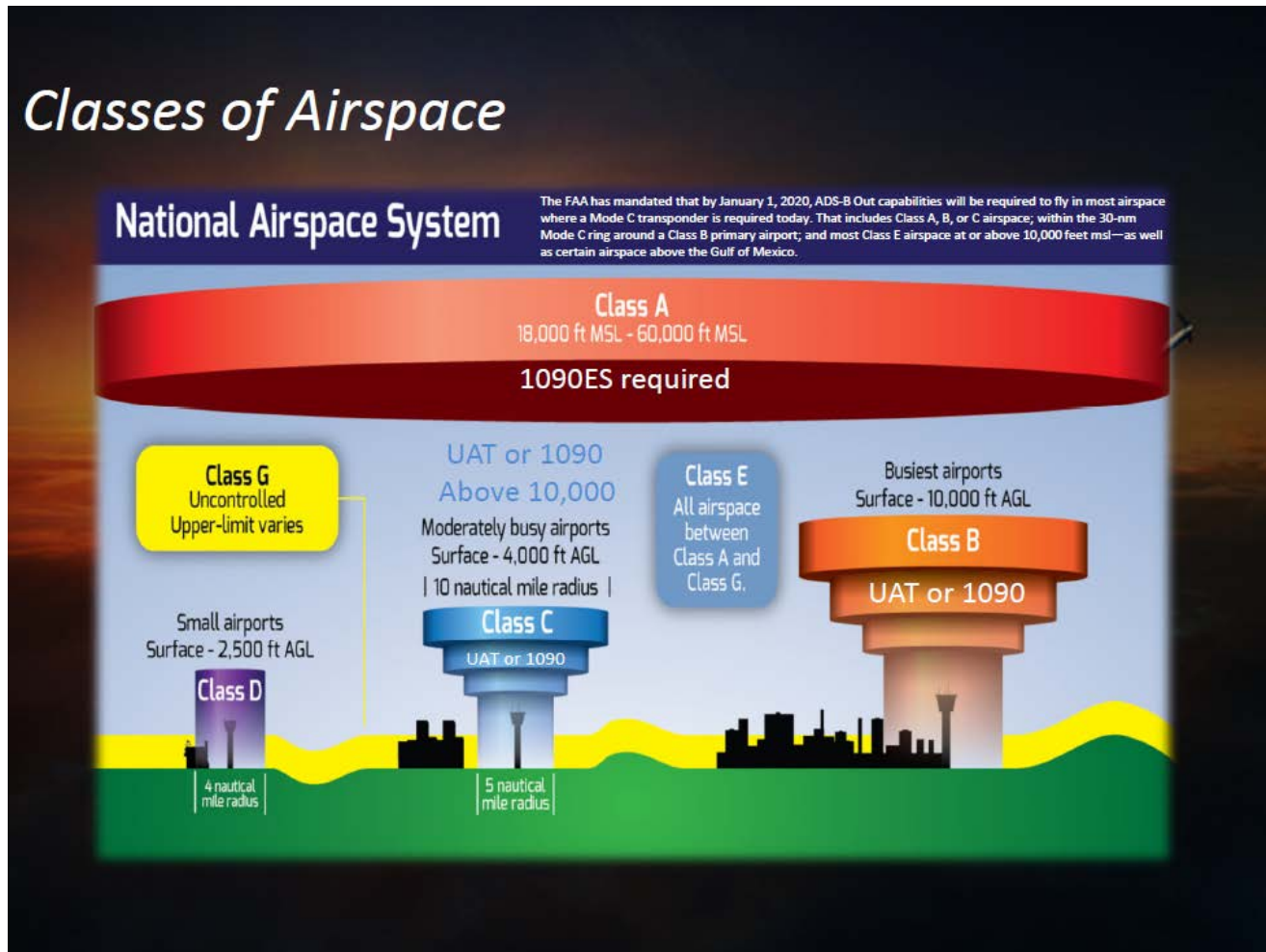
- **National ADS-B Program Update**
- **ADS-B Avionics Equipage Rule**
- **Significant Events since Last HSAC in May 2018**
- **Current Installation Projects**
- **AIC Decisions/Feedback**
- **FAA coverage/needs**

National ADS-B Program Update



- Lake Charles Terminal Approach Control – ADS-B Initial Operating Capability June 2018

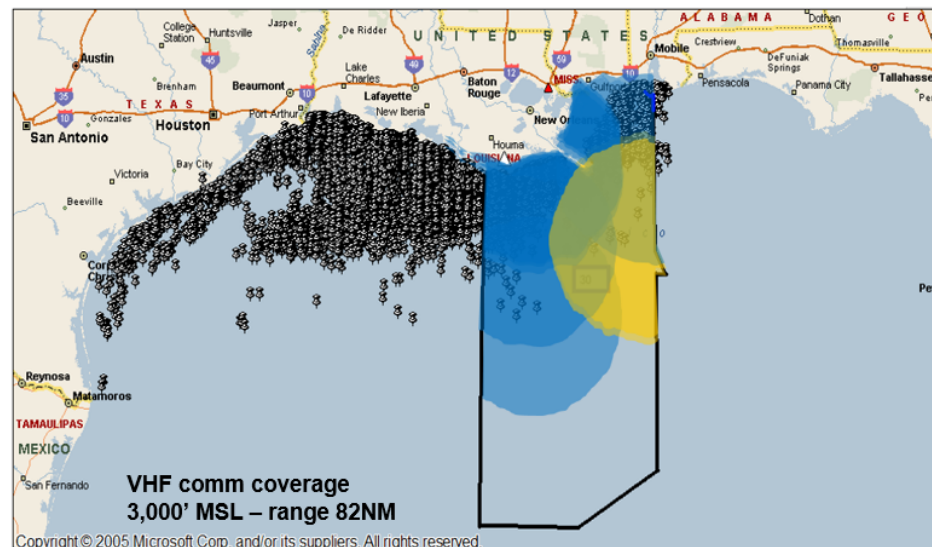
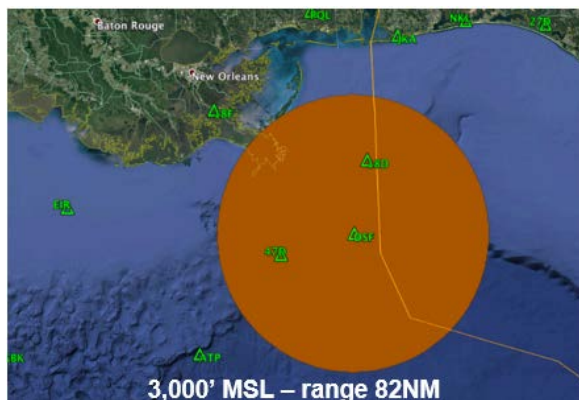
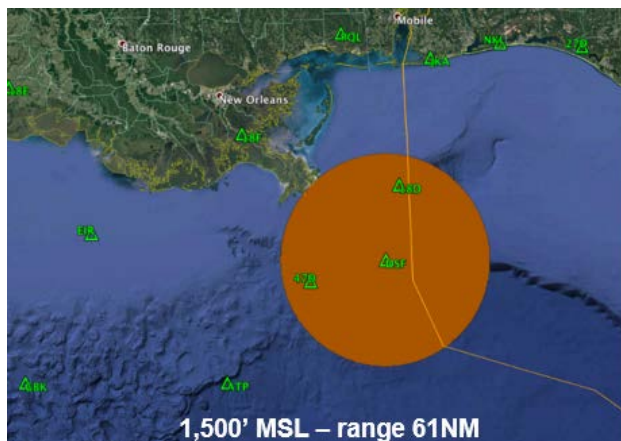
ADS-B Avionics Equipage Rule – Jan 2020



Link v1 ADS-B (DO-260A) equipped aircraft under FAA LOA expires 31 Dec 2019; FAA will discontinue ATC services for Link v1 aircraft on 1 Jan 2020

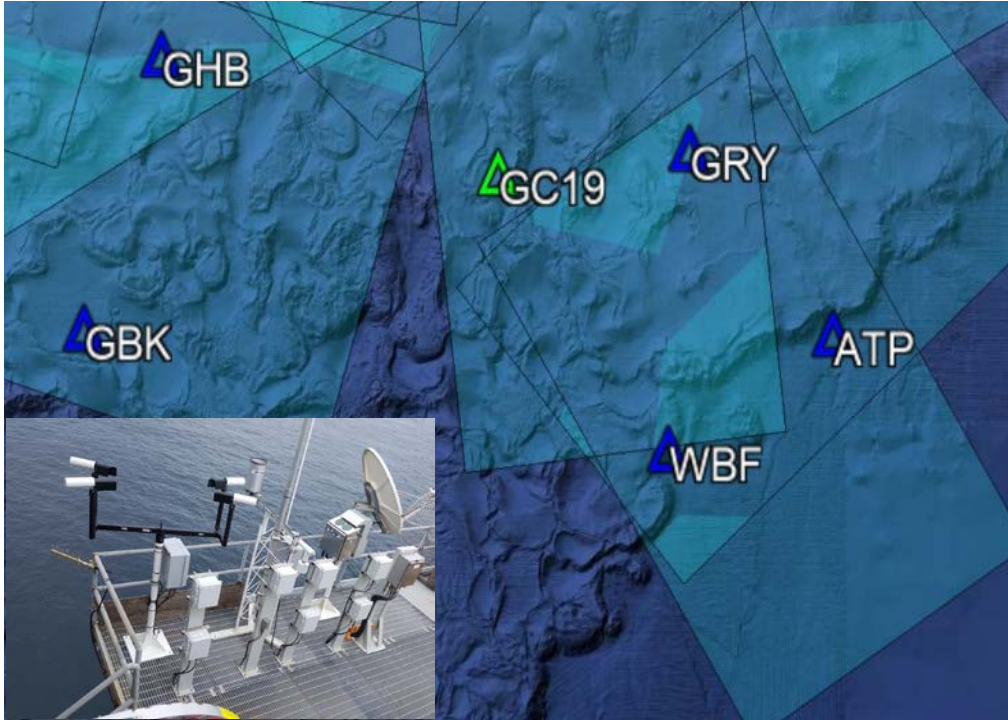
Significant Events Since Last HSAC in May 2018

- MC 650 ADS-B and VHF comm installation / commissioning



Significant Events Since Last HSAC in May 2018

- GC 19 AWOS installation / commissioning



- SP 89E-B AWOS installation



Significant Events Since Last HSAC in May 2018 (cont'd)

- Decommissioned and re-commissioned AWOS at Green Canyon 338 to accommodate high priority platform project



Significant Events Since Last HSAC in May 2018 (cont'd)

- **Operator feedback on Sabine Pass (SA) 13B AWOS**
 - **FAA requested operator feedback on the need to retain the SA 13B AWOS—non-response was treated as concurrence with the FAA proposal to decommission and relocate**
 - **Four (4) helicopter operators responded (Bristow, Era Helicopters, PHI, Westwind)...recommended retaining the AWOS**
- **FAA proposal withdrawn—will maintain AWOS until SA 13B P&A**

Significant Events Since Last HSAC in May 2018 (cont'd)

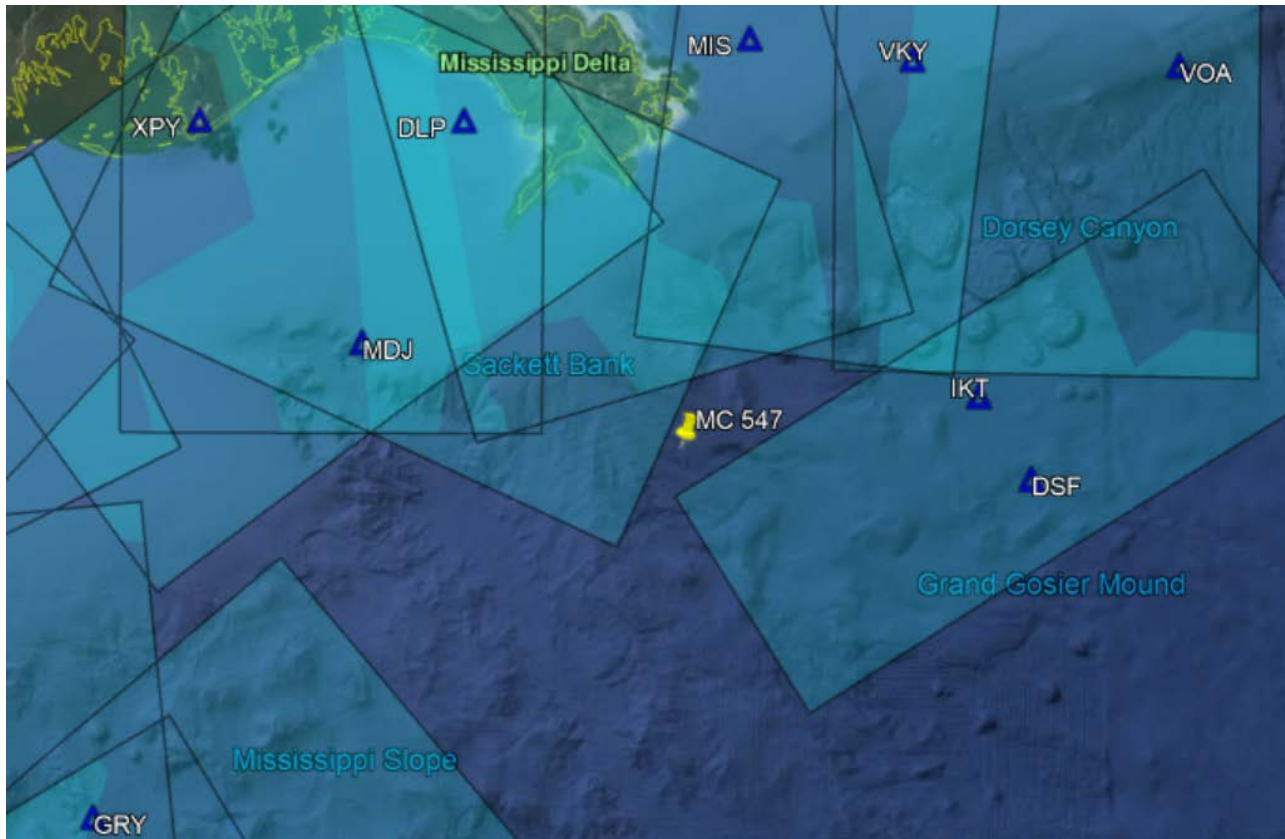
- **ADS-B, AWOS, and VHF comm decommissioned at EC 278B**
- **Notification of shut-in at Eugene Island 215B with ADS-B, AWOS, and VHF comm**

Current FAA Projects

- **Ship Shoal 354 AWOS decommissioning and removal – Nov 2018**
- **South Pass 89E-B AWOS commissioning – Nov 2019**
- **Mustang Island A85A ADS-B decommissioning – Dec 2018**
- **Ship Shoal 241 ADS-B and AWOS installation – Jan 2019**
- **East Cameron 321A ADS-B, AWOS and VHF comm installation – Jun 2019**
- **Garden Banks 72A VHF comm installation – Dec 2019**

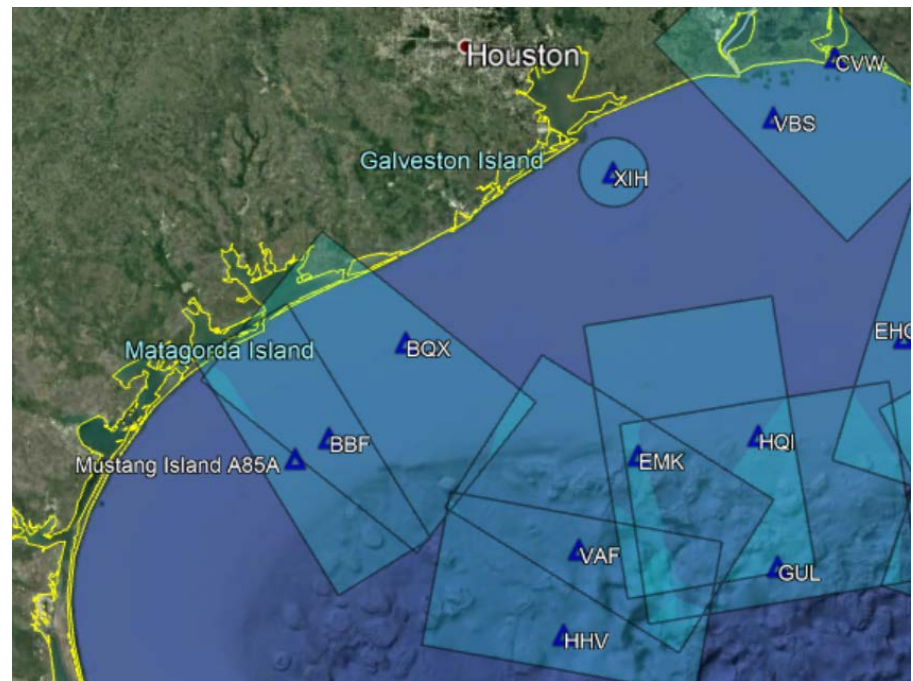
AIC Decisions / Feedback

- Decision to install AWOS at MC 547



AIC Decisions / Feedback


- **AIC feedback on Mustang Island A85A platform AWOS**
 - AIC concurred with relocating ADS-B in May 2018
 - ADS-B to be decommissioned Dec 2018
- **FAA proposal: decommission and relocate AWOS when the ADS-B is removed in 2019**



AIC Decisions / Feedback

- **AIC feedback on AWOS unreliable winds**
 - How important is AWOS wind reliability? Platform obstructions significantly impact reliability of sensor information
 - Relocating a wind sensor would require platform owner help and FAA investments

FAA GULF AWOS STATUS
October 4, 2018



| Commissioned Facilities | Phone # | Frequency | ICAO ID | Lat/Long | Unreliable Winds |
|--|--------------|-----------|---------|----------------|------------------|
| Alaminos Canyon 25/Hoover-Diana | 713-431-9699 | 119.075 | KHHV | 26.939/-94.689 | No |
| Brazos 133B (Fieldwood Energy) | 337-210-8998 | 118.875 | KBBF | 27.835/-96.013 | No |
| Brazos 538 (Williams Atlantic-Gulf) | 979-843-7255 | 118.375 | KBQX | 28.314/-95.620 | No |
| Cameron, LA (PHI) | 337-775-5101 | 120.075 | KCVW | 29.784/-93.300 | No |
| East Breaks 165 (Fieldwood Energy) | 337-210-8993 | 119.475 | KEMK | 27.819/-94.323 | No |
| East Breaks 643A/Boomvang Spar (Anadarko) | 832-636-9297 | 119.525 | KVAF | 27.354/-94.625 | Yes |
| Eugene Island 215B (Arena Energy) | 832-463-8049 | 119.475 | KEIR | 28.635/-91.489 | No |
| Garden Banks 172/Salsa (Shell E&P) | 504-321-2911 | 118.025 | KGHB | 27.840/-91.988 | No |
| Garden Banks 668/Gunnison Spar (Anadarko) | 832-636-9298 | 119.025 | KGUL | 27.304/-93.538 | Yes |
| Garden Banks 783/Magnolia TLP | 832-486-3659 | 118.825 | KGBK | 27.204/-92.203 | Yes |
| Green Canyon 19 (Shell Pipeline) | 504-728-8250 | 118.55 | KXER | 27.945/-90.996 | Yes |
| Green Canyon 338/Front Runner (Murphy E&P) | 281-675-9264 | 118.875 | KGRY | 27.625/-90.441 | Yes |
| Green Canyon 787/Atlantis (BP) | 979-235-2225 | 119.525 | KATP | 27.195/-90.027 | No |
| High Island 173A (Fieldwood Energy) | 337-210-8990 | 124.775 | KXIH | 29.181/-94.521 | No |
| High Island A376B (Fieldwood Energy) | 337-210-8999 | 118.275 | KHQI | 27.934/-93.669 | No |
| Keathley Canyon 875/Lucius Spar (Anadarko) | 832-636-9295 | 118.075 | K18H | 26.125/-92.038 | Yes |
| Main Pass 140B (Fieldwood Energy) | 337-210-8995 | 119.825 | KMIS | 29.296/-88.842 | Yes |
| Main Pass 289C (Fieldwood Energy) | 337-210-8989 | 118.075 | KVKY | 29.248/-88.441 | Yes |
| Mississippi Canyon 311A (Fieldwood Energy) | 337-210-8997 | 119.325 | KMDJ | 28.643/-89.794 | No |
| Mississippi Canyon 474/Na Kika (BP) | 979-230-4223 | 118.025 | KIKT | 28.521/-88.289 | No |
| Mississippi Canyon 650/Blind Faith (Chevron) | 985-773-7295 | 119.925 | KDSF | 28.343/-88.165 | Yes |
| Mustang Island A85A (EnVen Energy Ventures) | 504-208-2392 | 119.325 | KM2G | 27.727/-96.191 | No |
| Port Fourchon, LA (Era Helicopters) | 985-396-2114 | 119.675 | KXPY | 29.123/-90.202 | No |
| Sabine Pass 13B (Renaissance) | 832-461-0101 | 119.075 | KVBS | 29.478/-93.638 | No |
| Ship Shoal 178A (Fieldwood Energy) | 337-210-8992 | 120.525 | KSPR | 28.599/-91.206 | Yes |
| Ship Shoal 354 (Fieldwood Energy) | 337-210-8996 | 119.275 | KSQE | 28.083/-90.819 | No |
| South Marsh 268A (Fieldwood Energy) | 337-210-8994 | 119.575 | KSCF | 29.116/-91.871 | Yes |
| Vermilion 331A (Talos Energy) | 281-619-7805 | 118.125 | KVQT | 28.270/-92.264 | No |
| Viosca Knoll 786/Petronius (Chevron) | 985-773-7883 | 118.925 | KVQA | 29.229/-87.781 | Yes |
| Walker Ridge 29/Big Foot (Chevron) | 985-773-5497 | 118.525 | KWBF | 26.931/-90.507 | Yes |
| West Delta 27A (Energy XXI) | 713-730-6224 | 120.425 | KDLP | 29.121/-89.547 | No |

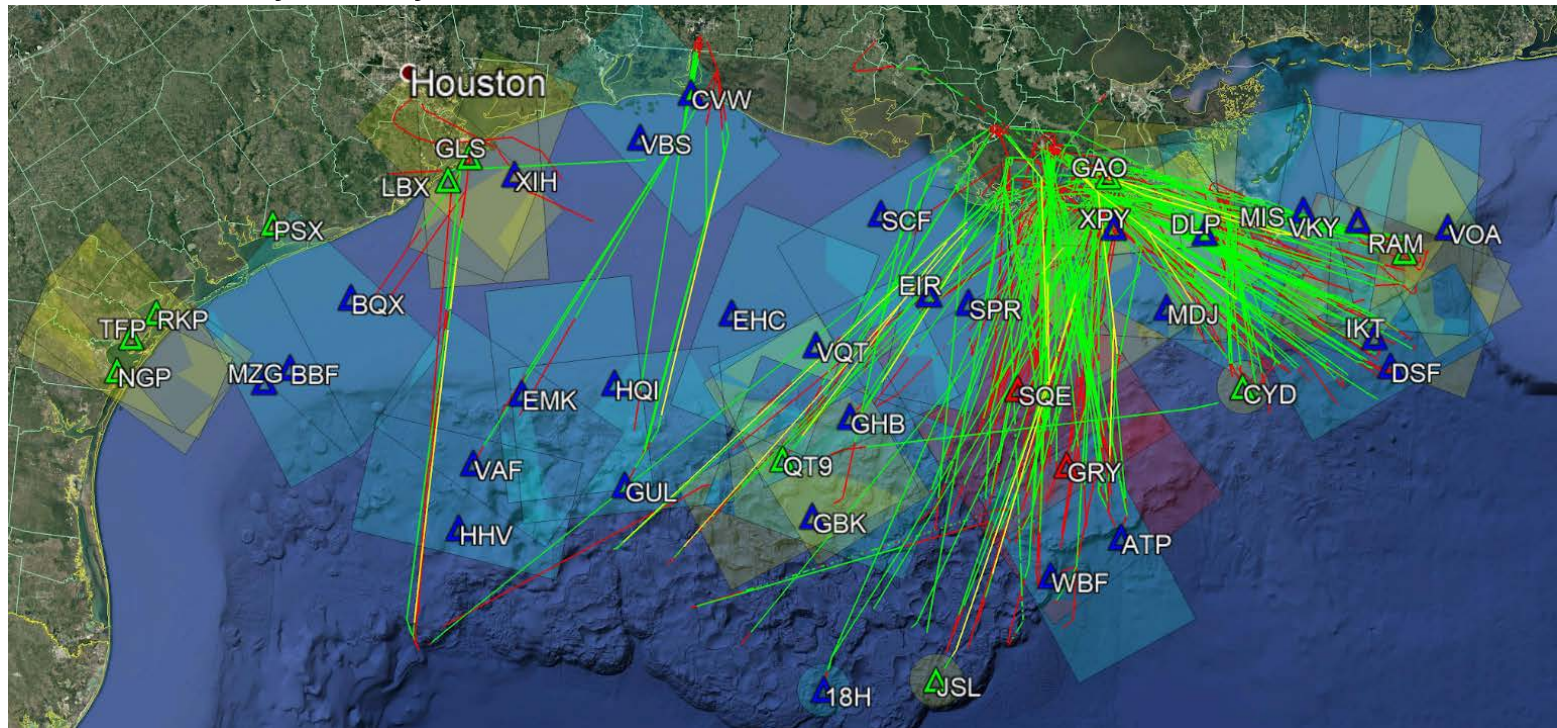
FAA Coverage Needs

- **AWOS**

- Mississippi Canyon 720 area
- Walker Ridge 20 area
- Keathley Canyon area

- **ADS-B**

- Garden Banks 775 area



FAA Gulf of Mexico Core Team

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Back up



Current AWOS Coverage with Privately Owned Stations

