

# May HSAC 2018

Flight Following / ADS-B / Replacement Platforms  
Working Group

# Significant Events Since Last HSAC in October 2017

- Installed and commissioned AWOS at Mississippi Canyon 650
- Installed and commissioned AWOS at Walker Ridge 29
- Decommissioned AWOS at Green Canyon 338 to accommodate high priority platform project. Should be complete May 2018



# Flight Following

- IFR Traffic Count

**01/01/2018 – 03/31/2018**

**HUM – 3371**

**GAO – 1906**

**2LS0 – 178**

**04/01/2017 – 03/31/2018**

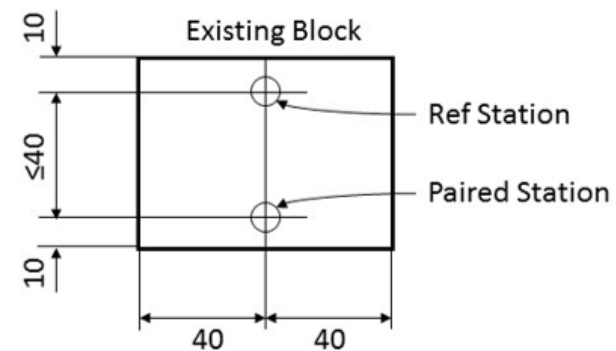
**HUM – 12112**

**GAO – 6976**

**2LS0 – 528**

# Offshore Weather Deviation Areas

- **FAA and Volpe completed weather analysis in the Gulf of Mexico in Nov 2017**
- **The findings validated the weather block scheme and the FAA's AWOS implementation strategy**
- **AC 90-80C dated 12/21/2017 allows the use of the weather block scheme for approved operators**



# AWOS

- **Awaiting Install –**

- GC 19 AWOS (Shell) – Completion scheduled for June 2018.
- SP 89E-B (BP) – Completion scheduled for July 2018
- SS 241 AWOS (Shell Pipeline) – Completion scheduled for September 2018

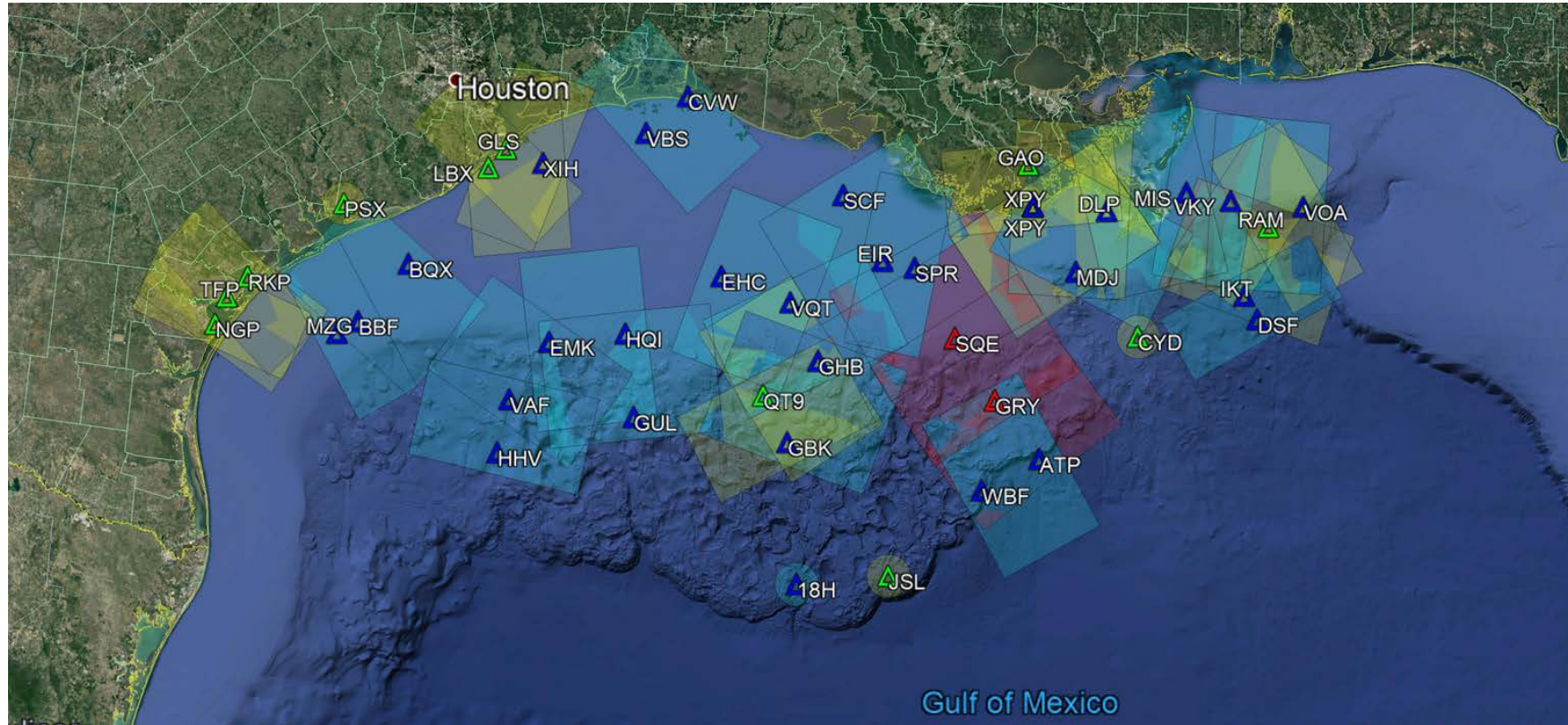
**Please report AWOS performance issues to NOC (network operating center)**

**888-461-7277 or DL\_SBSS\_NOC@att.com**

# FAA AWOS Availability

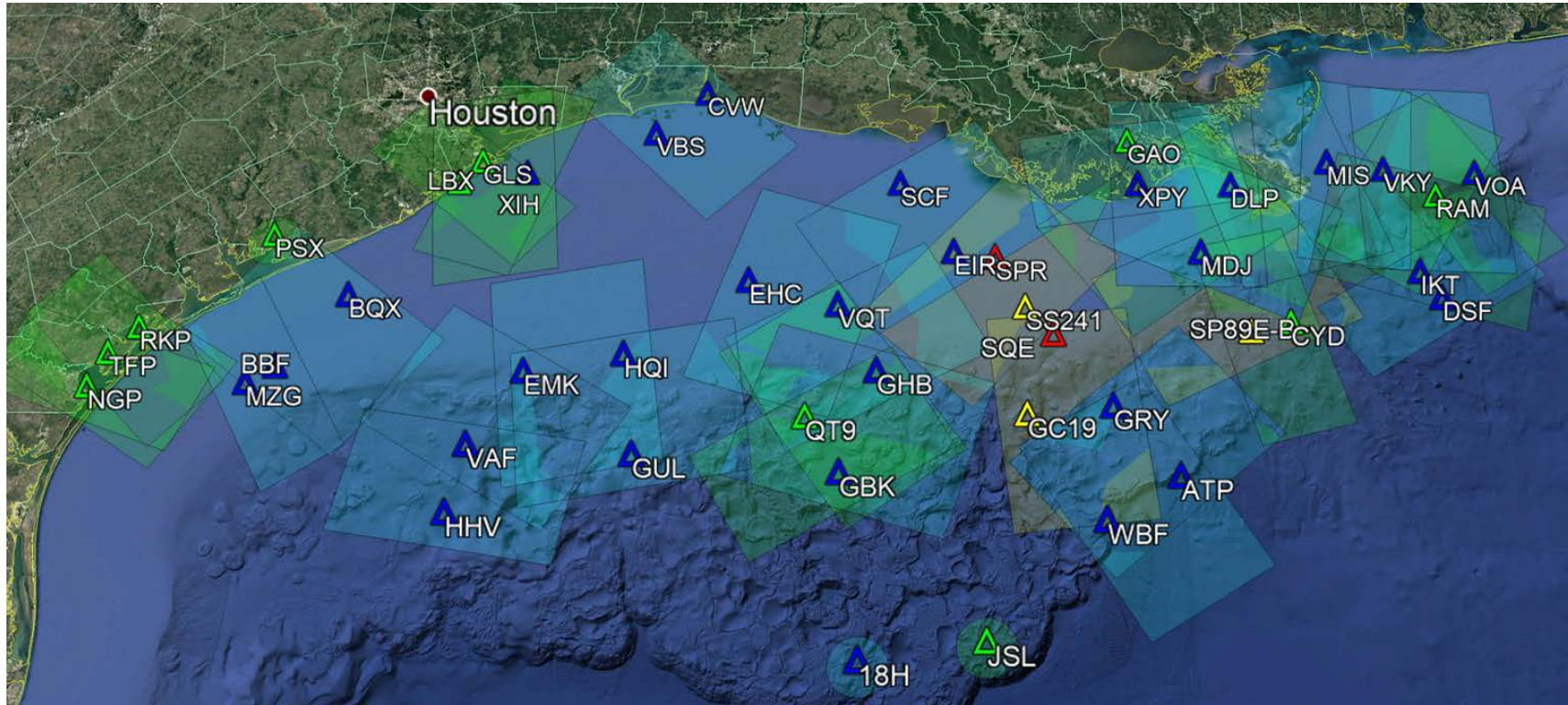
- **Operational Availability data analyzed from 03/01/2017 - 04/27/2018 for the 31 GOM AWOS' and compared to 234 Land Based AWOS'**
- **Results:**
  - Land -based AWOS Operational Availability was 98.246%
  - GOM AWOS Operational Availability was 96.774%
  - The delta was 1.472% toward land-based facilities

# Current AWOS Coverage including Privately Owned Stations





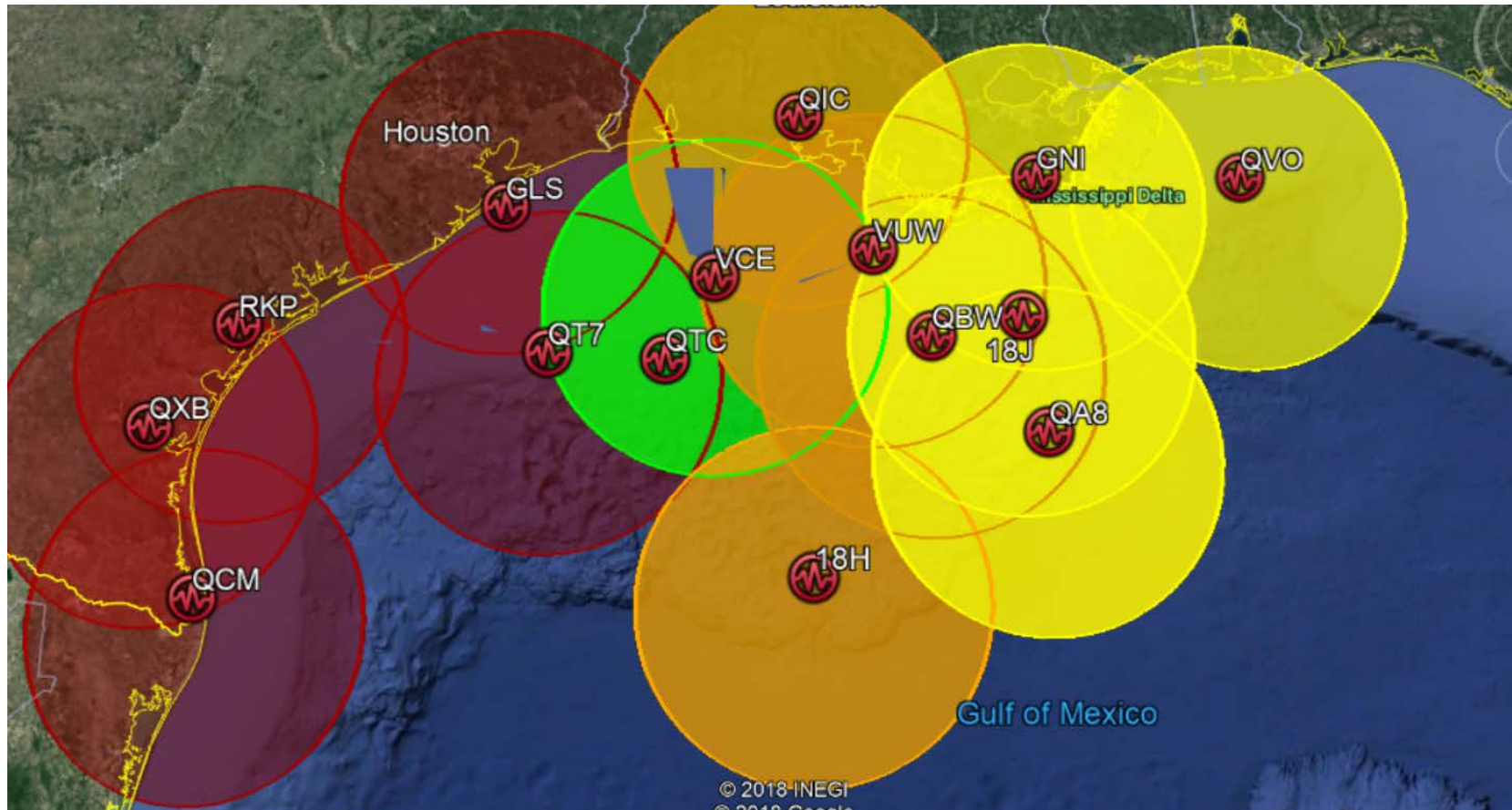
# Predicted AWOS Coverage - Dec 2018



△ FAA Site    △ FAA Site OTS    △ Future FAA Site    △ Private AWOS



# Current VHF Communication Coverage 3,000' MSL



# **Current FAA Installation Projects**

- **Mississippi Canyon 650 ADS-B and VHF Communication**
- **Ship Shoal 241 ADS-B and AWOS**
- **Green Canyon 338 AWOS**
- **Green Canyon 19 AWOS**
- **South Pass 89E-B AWOS**

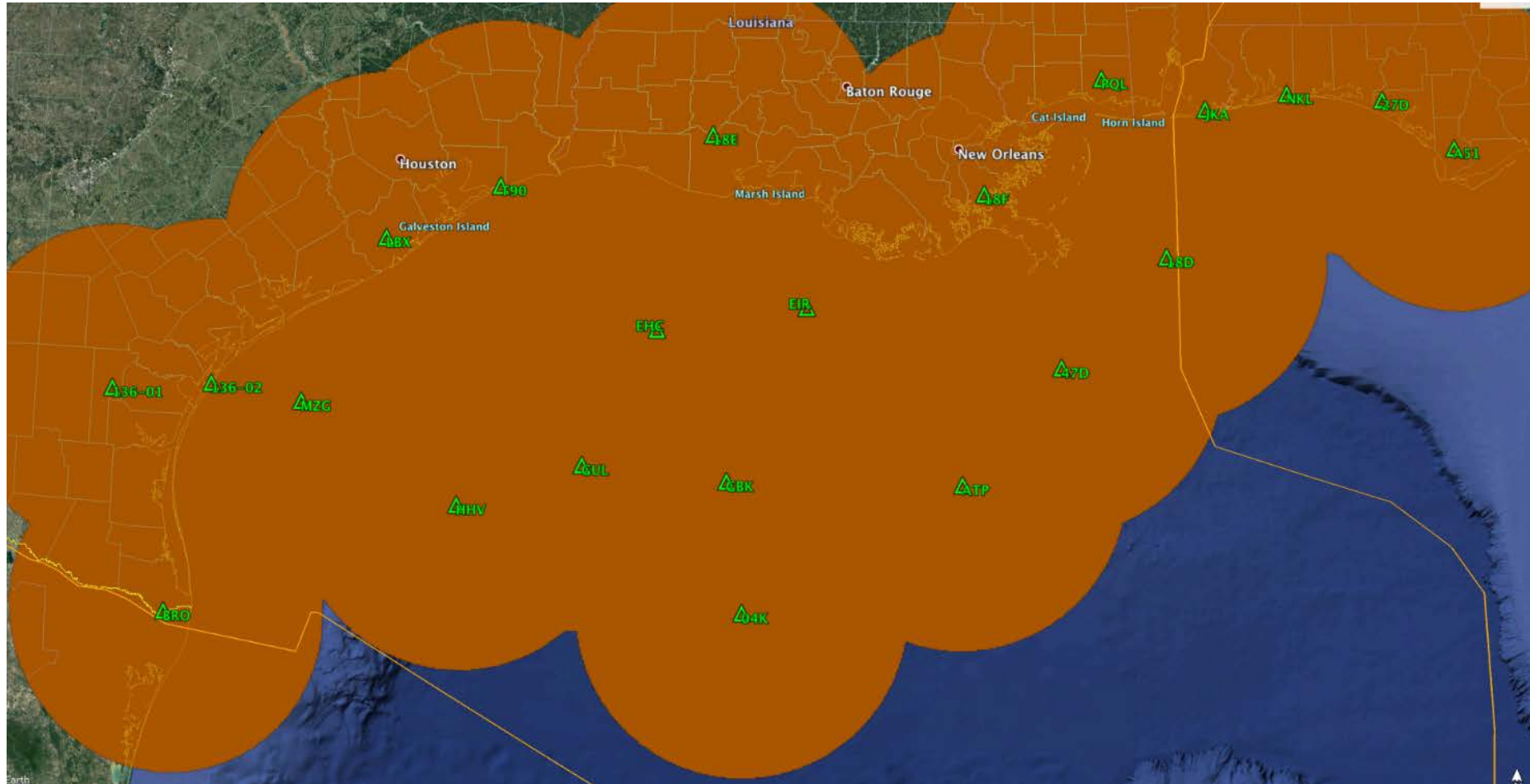


# Predicted ADS-B Coverage 1,500' MSL - Dec 2018

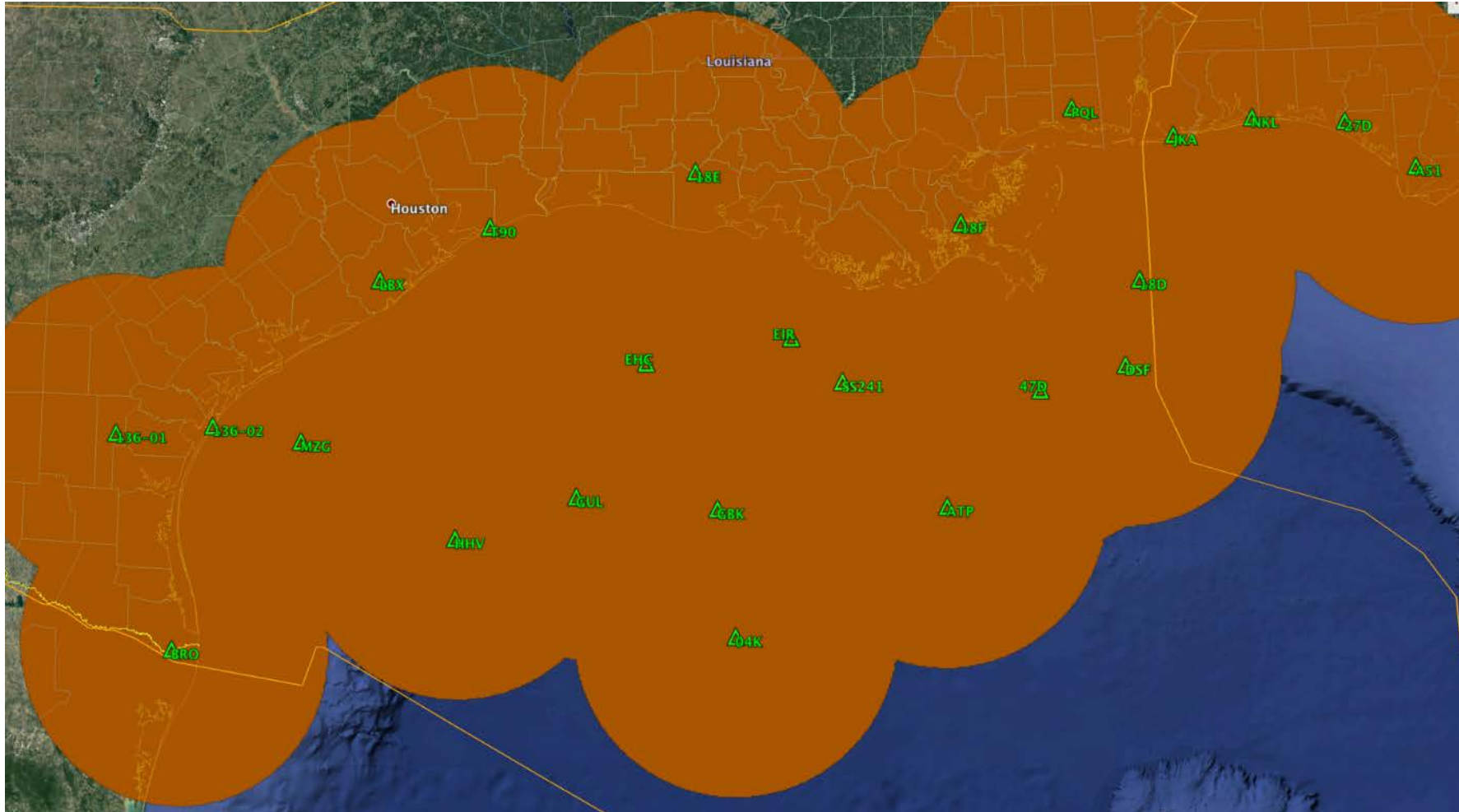




# Current ADS-B Coverage 3,000' MSL



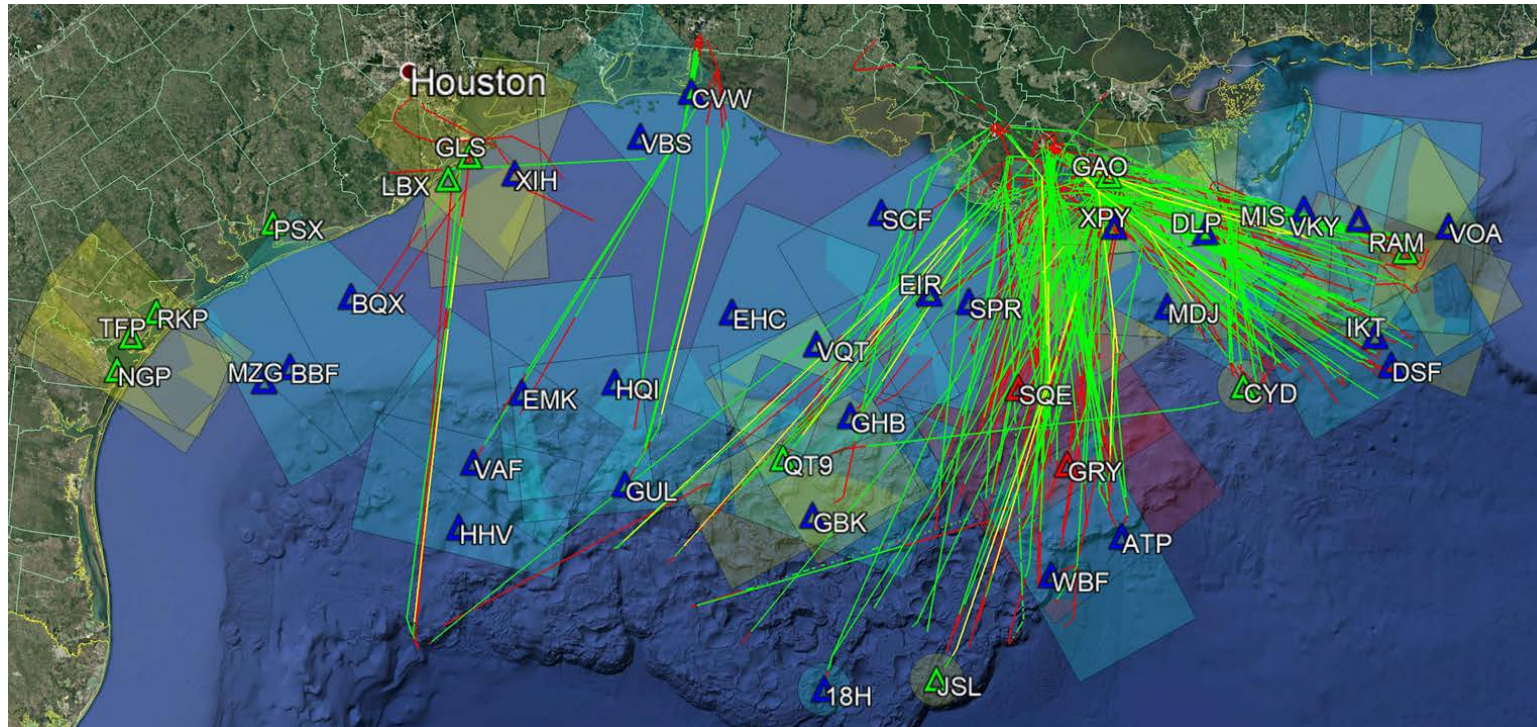
# Predicted ADS-B Coverage 3,000' MSL - Dec 2018





# FAA Coverage Needs

- **AWOS**
  - Mississippi Canyon 720 area
  - Walker Ridge 20 area
  - Keathley Canyon area
- **ADS-B**
  - Garden Banks 775 area
- **VHF Communication**
  - Garden Banks 70 area

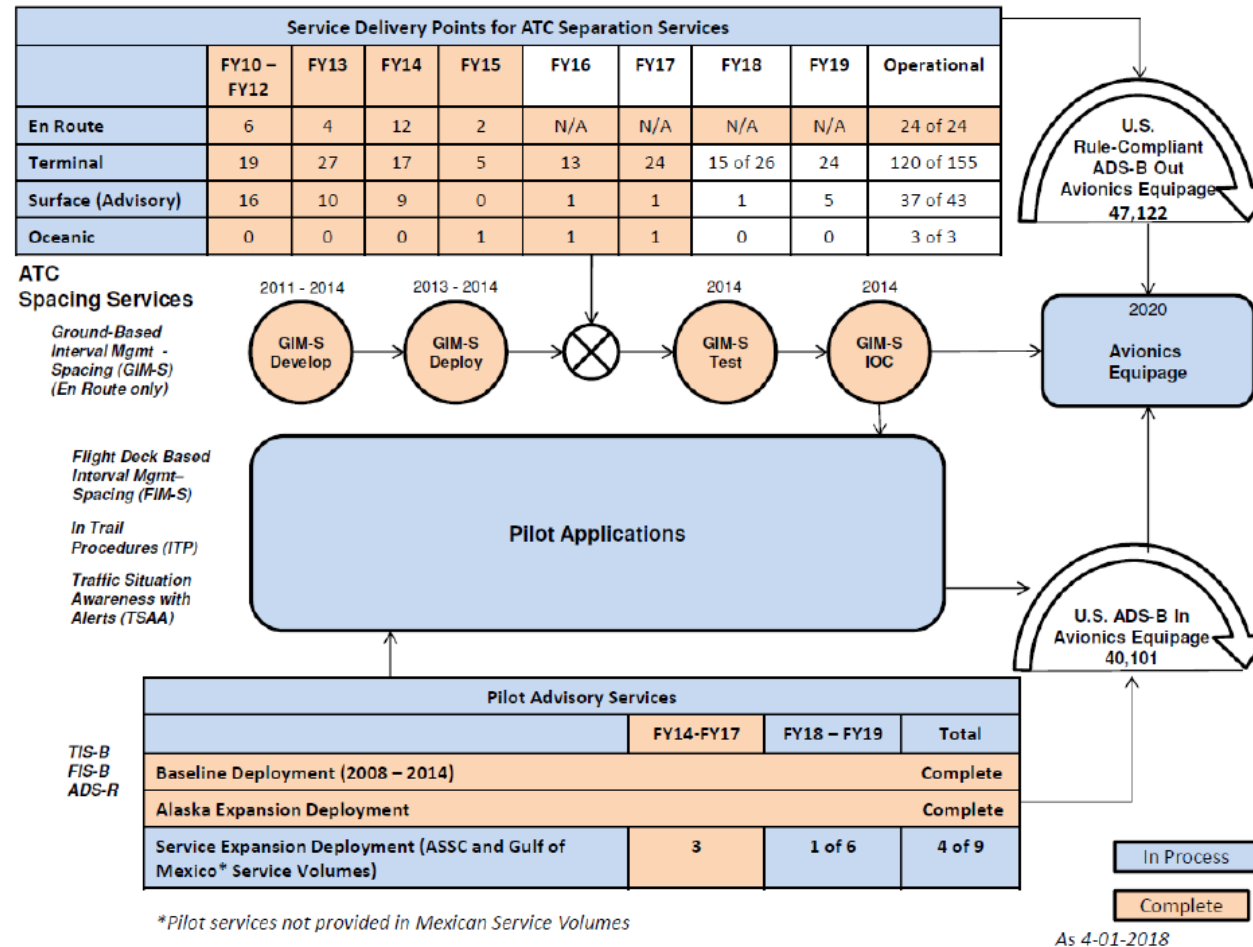


# ADS-B

- Propose a NOTAM System for ADS-B and Radio Outage

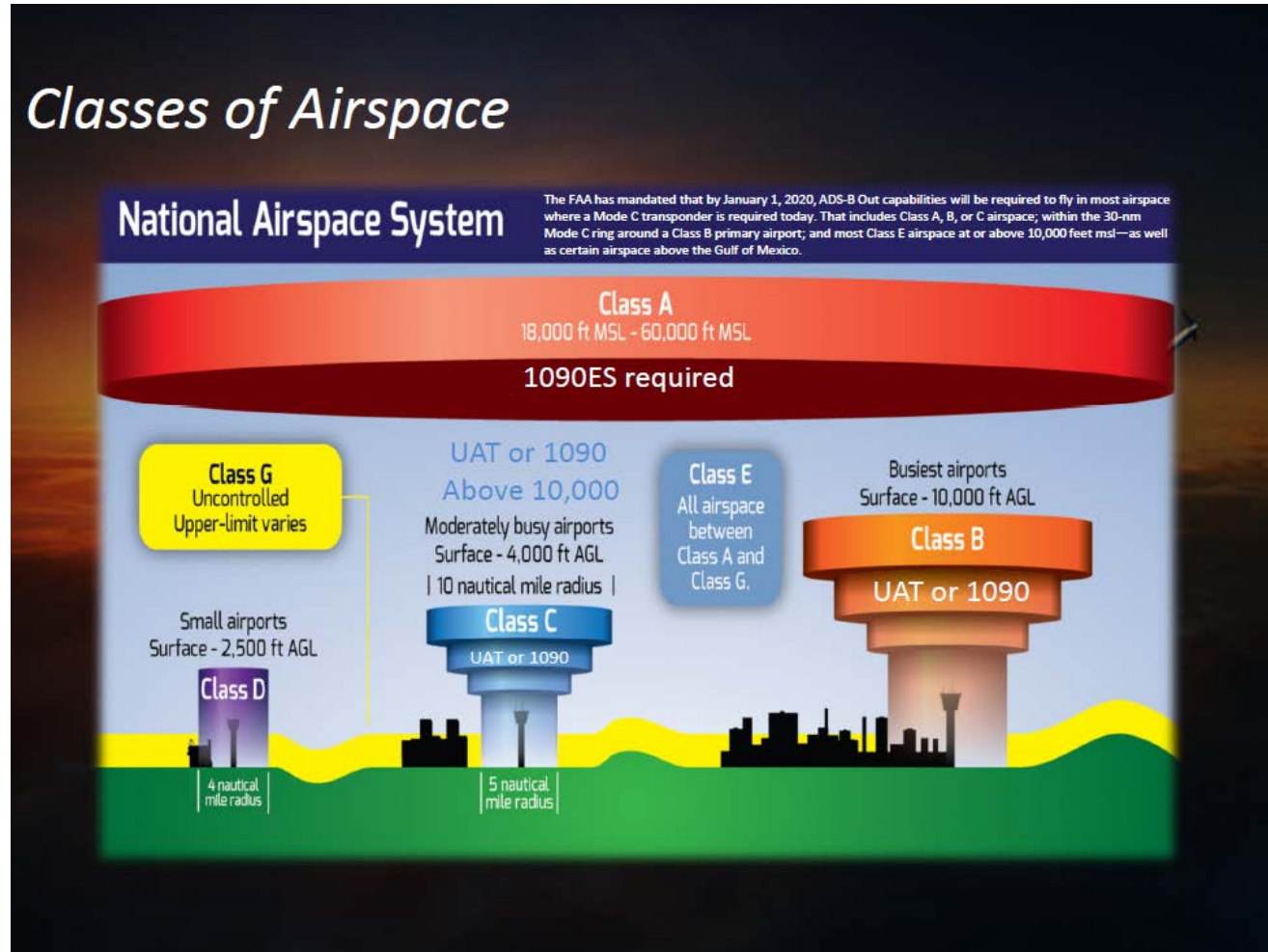
**!FDC #/#### ZHU TFC INFORMATION ADSB TISB FISB SVC MAY NOT BE  
AVBL WI AN AREA DEFINED AS 139NM RADIUS OF  
270552N0903723W SFC-UNL. AIRSPACE REGIONS AFFECTED MAY  
INCLUDE GREEN CANYON, WALKER RIDGE, GARDEN BANKS, KEATHLY  
CANYON YYMMDDhhmm- YYMMDDhhmm**

# 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