

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



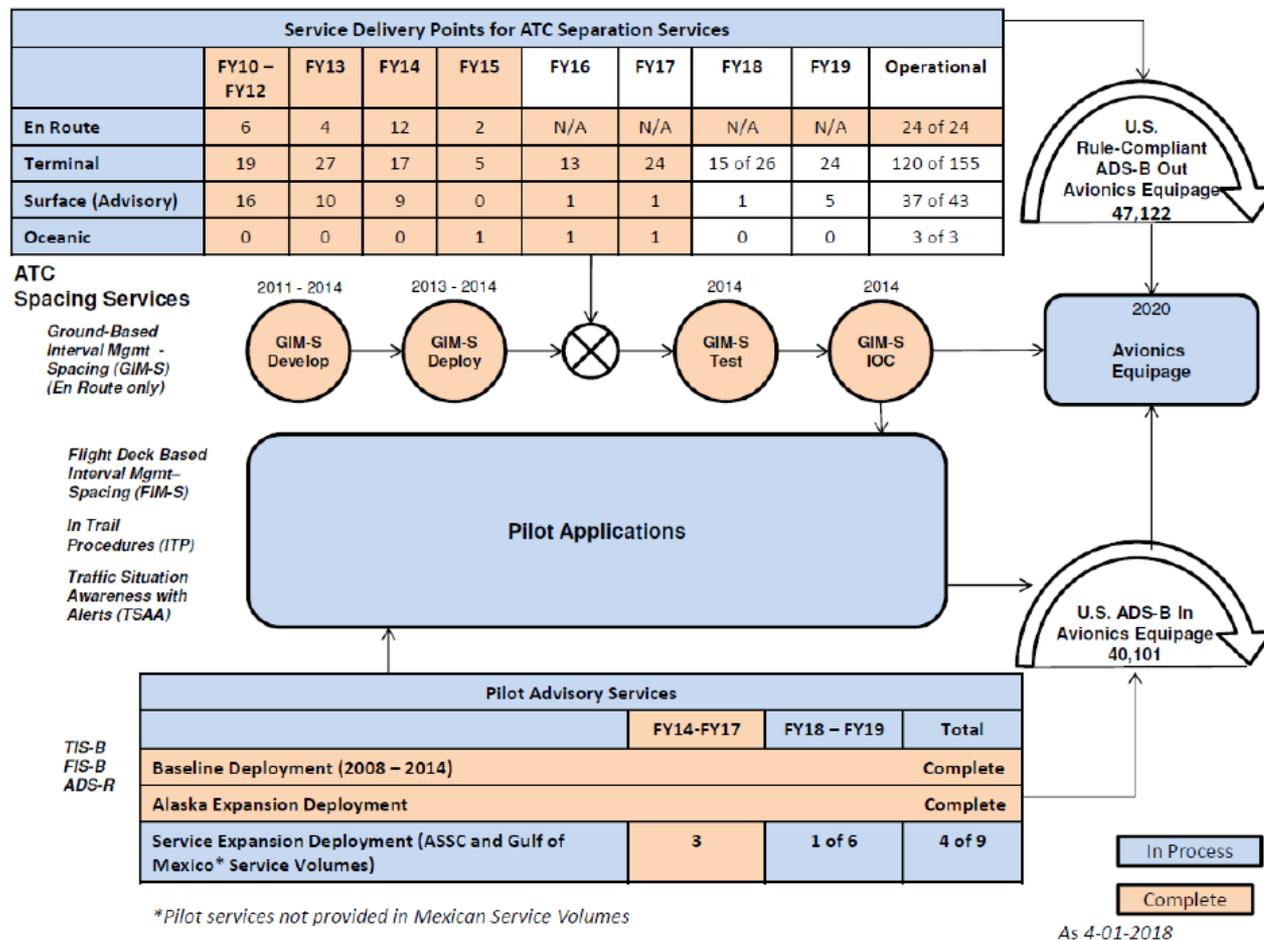
Federal Aviation
Administration

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**

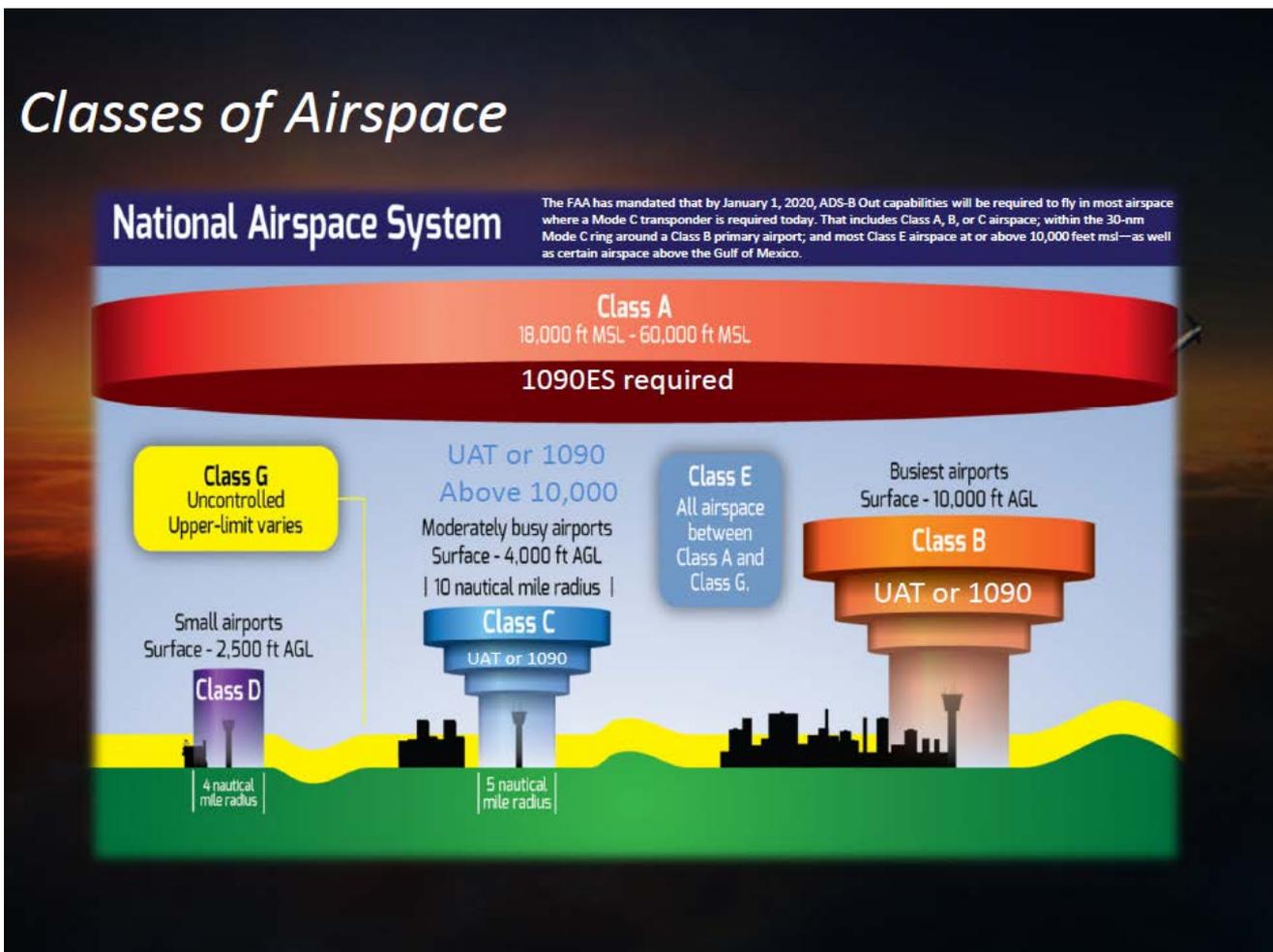


National ADS-B Program Update



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

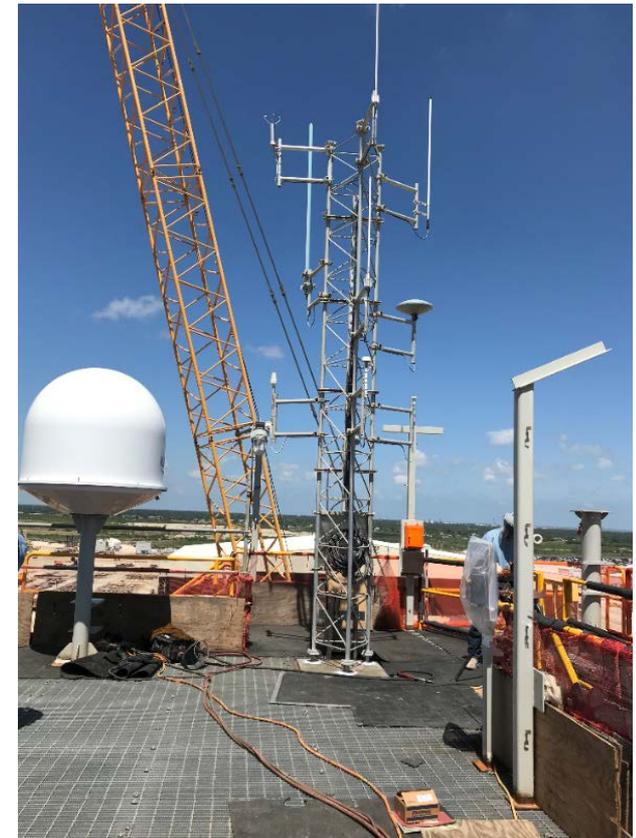
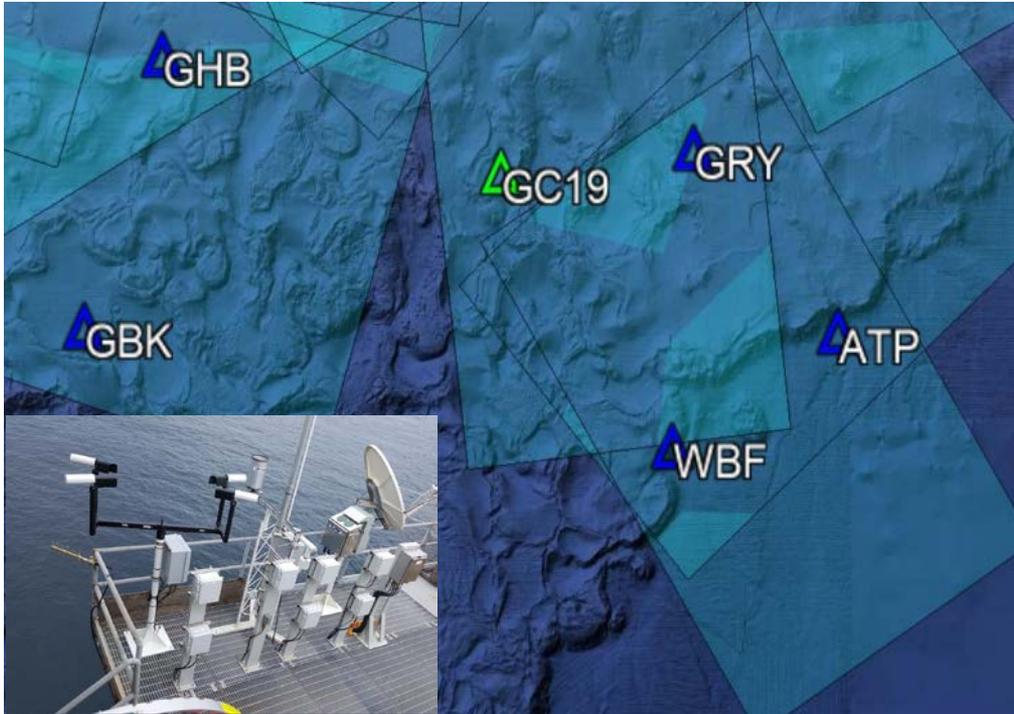
ADS-B Avionics Equipage Rule – Jan 2020



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

- **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- **FAA proposal withdrawn—will maintain AWOS until SA 13B P&A**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)

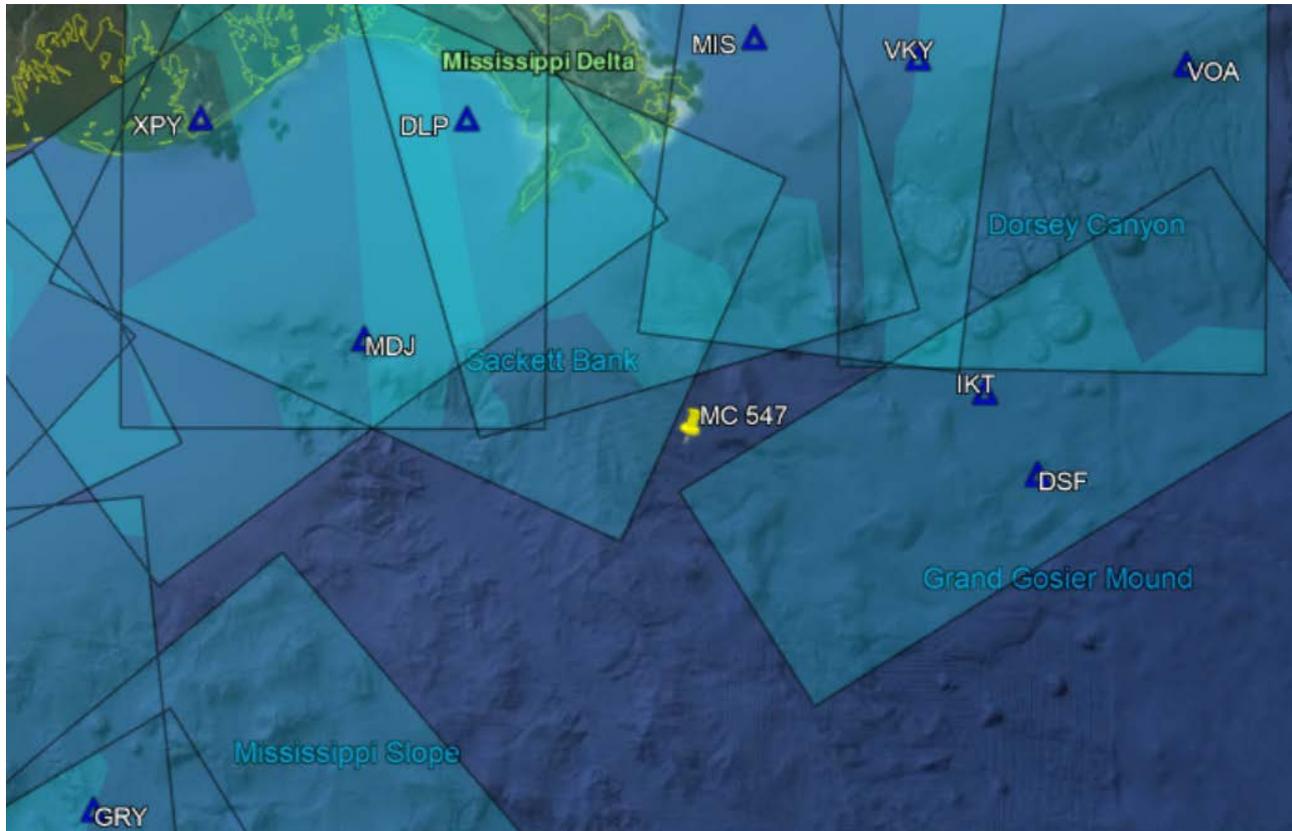
- **ADS-B, AWOS, and VHF comm decommissioned at EC 278B**
- **Notification of shut-in at Eugene Island 215B with ADS-B, AWOS, and VHF comm**

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**

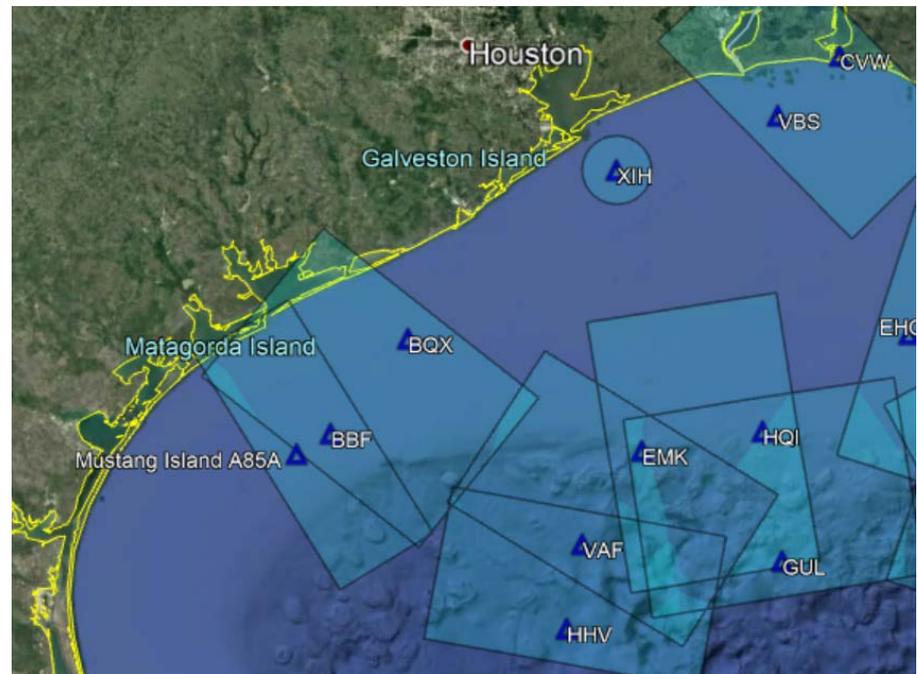
AIC Decisions / Feedback

- 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	KMZG	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 788/Petronius (Chevron)	985-773-7883	118.925	KVDA	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 Gulf of Mexico Core Team

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Back up



Current AWOS Coverage with Privately Owned Stations

