

**Meeting Title:** FAA-Industry Gulf of Mexico (GOM) Agreement Implementation Committee Meeting

**Date/Time:** October 9, 2024 / 1530 CST

**Location:** New Orleans, LA with a virtual Zoom Option

<b>Meeting Attendees</b> (** denotes Virtual Attendees)		
NAME	ORGANIZATION / COMPANY	EMAIL
**Rana Obeid	FAA Surveillance and Broadcast Services (SBS) Offshore Infrastructure Management and Engineering	rana.obeid@faa.gov
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Andy Ewers	ExxonMobil	Andrew.j.ewers@exxonmobil.com

Kindly confirm the attendees list is captured correctly.

**Background and Purpose of Agreement Implementation Committee:**

- The Agreement Implementation Committee (AIC) is a product of the 2006 FAA-Industry Gulf of Mexico (GOM) Memorandum of Agreement and subsequently endorsed by the 2021 FAA-Industry Memorandum of Understanding for aviation safety in the Gulf of Mexico
- The purpose of the AIC is to foster cooperation, commitment, accountability, and trust to improve and sustain quality Air Traffic Services in the Gulf
- The AIC assists the FAA in strategic planning by providing feedback / recommendations
- The AIC is used to assess the coverage of installed FAA equipment and whether additional areas should be addressed

Item	Agenda Item Description
<b>Regular Business</b>	
1.	FAA Infrastructure Status
2.	5-Year Outlook
3.	AWOS/ADS-B/VHF Comm Coverage
4.	Installation Updates
<b>New Business</b>	
5.	Items for AIC Decision
6.	Traffic Count & Trends
7.	Community Awareness
<b>Summary</b>	
8.	Aviation Safety
9.	FAA Gulf of Mexico Core Team

Item	Key Points/Decisions/Recommendations
1.	The AIC supported a site survey for an AWOS installation at Main Pass 283 Platform.
2.	The AIC supported the decision to develop an AIC Terms of Reference to capture, in perpetuity, the purpose, scope, and roles and responsibilities of the signatories to the 2021 Memorandum of Understanding (MOU) for Aviation Safety in the Gulf of Mexico
3.	Vertical Aviation International (VAI) proposed that the Gulf MOU should be updated to replace Helicopter Association International with VAI

Item	Key Discussion Points			
1.	<table border="0"> <tr> <td style="vertical-align: top;"> <table border="1"> <tr> <td>FAA Infrastructure Status</td> <td> <ul style="list-style-type: none"> <li>• <i>FAA Gulf of Mexico 2024-2025 offshore installation projects</i> <ul style="list-style-type: none"> <li>○ Commission AWOS at Eugene Island 338K (Oct 2024)</li> <li>○ Commissioned AWOS at Green Canyon 641 / Tahiti (Completed)</li> <li>○ Commission AWOS at Ship Shoal 28P</li> <li>○ Commission AWOS at Main Pass 69B</li> <li>○ Commission AWOS at South Timbalier 232 / Powerball</li> <li>○ Commission AWOS at Viosca Knoll 956</li> <li>○ Commission AWOS at Galliano, LA</li> </ul> </li> </ul> </td> </tr> </table> </td> </tr> </table>	<table border="1"> <tr> <td>FAA Infrastructure Status</td> <td> <ul style="list-style-type: none"> <li>• <i>FAA Gulf of Mexico 2024-2025 offshore installation projects</i> <ul style="list-style-type: none"> <li>○ Commission AWOS at Eugene Island 338K (Oct 2024)</li> <li>○ Commissioned AWOS at Green Canyon 641 / Tahiti (Completed)</li> <li>○ Commission AWOS at Ship Shoal 28P</li> <li>○ Commission AWOS at Main Pass 69B</li> <li>○ Commission AWOS at South Timbalier 232 / Powerball</li> <li>○ Commission AWOS at Viosca Knoll 956</li> <li>○ Commission AWOS at Galliano, LA</li> </ul> </li> </ul> </td> </tr> </table>	FAA Infrastructure Status	<ul style="list-style-type: none"> <li>• <i>FAA Gulf of Mexico 2024-2025 offshore installation projects</i> <ul style="list-style-type: none"> <li>○ Commission AWOS at Eugene Island 338K (Oct 2024)</li> <li>○ Commissioned AWOS at Green Canyon 641 / Tahiti (Completed)</li> <li>○ Commission AWOS at Ship Shoal 28P</li> <li>○ Commission AWOS at Main Pass 69B</li> <li>○ Commission AWOS at South Timbalier 232 / Powerball</li> <li>○ Commission AWOS at Viosca Knoll 956</li> <li>○ Commission AWOS at Galliano, LA</li> </ul> </li> </ul>
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		<ul style="list-style-type: none"> <li>○ Commissioned VHF Comm at Green Canyon 763 / Anchor</li> <li>○ Commission ADS-B at Green Canyon 763/Anchor</li> <li>○ Commissioned VHF Comm at Garden Banks 426 / Auger</li> </ul> <ul style="list-style-type: none"> <li>● <i>FAA Gulf of Mexico 2023-2024 offshore sustainment projects</i> <ul style="list-style-type: none"> <li>○ Removed AWOS at Brazos 538 (to be followed by replacement)</li> <li>○ Restored ADS-B at Garden Banks 668</li> <li>○ Removed ADS-B at Green Canyon 787 / Atlantis</li> <li>○ Removed AWOS West Delta 27</li> <li>○ Replace ADS-B Building at Viosca Knoll 956</li> <li>○ RCAG + ADS-B Telco Transition at Keathley Canyon 875</li> <li>○ Remove AWOS East Break 165</li> <li>○ Replace AWOS East Break 643</li> </ul> </li> </ul>
<p>2</p>	<p>5-Year Outlook</p>	<ul style="list-style-type: none"> <li>● Predicted FAA equipment losses within next 5 years             <ul style="list-style-type: none"> <li>○ Alaminos Canyon 25 (HHV ADS-B/AWOS)***</li> <li>○ East Breaks 165 (EMK AWOS/KQT7 VHF comm)* - AWOS decommissioned, seeking additional replacement options</li> <li>○ East Breaks 643A (VAF AWOS)***</li> <li>○ East Cameron 321A (EZP ADS-B, AWOS, VHF comm)**</li> <li>○ Garden Banks 668 (GUL ADS-B/AWOS)*</li> <li>○ Garden Banks 783 (GBK AWOS)</li> </ul> </li> </ul> <p>*No replacement identified, <b>seeking replacement suggestions</b>          **Potential replacement identified          ***Replacement not planned</p> <ul style="list-style-type: none"> <li>● FAA <u>AWOS</u> Platform Replacement Criteria             <ul style="list-style-type: none"> <li>○ Supports coverage requirements; AIC concurs with location</li> <li>○ Minimum 7 years longevity—5 years after commission</li> <li>○ Physical space for equipment in unclassified area of platform</li> <li>○ Power/telecommunications bandwidth availability</li> <li>○ Manned platform preferred</li> <li>○ Unmanned platform acceptable if visited regularly and power/telecommunications are available</li> </ul> </li> </ul>
<p>3.</p>	<p>AWOS/ADS-B/VHF Comm Coverage</p>	<ul style="list-style-type: none"> <li>● AWOS/ADS-B/VHF Comm Coverage             <ul style="list-style-type: none"> <li>○ Twenty-five (25) total AWOS are in operation in the Gulf of Mexico</li> <li>○ West Delta 27 AWOS has been removed</li> <li>○ A total of ninety-three (93) weather boxes are available for use; Seventy-five (75) provisional weather boxes have been established with implementation of AC90-80C Chng 1: Two (2) provisional weather boxes were permanently approved in March 2024 (MKQ-ATP and MKQ-GRY);</li> <li>○ ADS-B coverage has a gap at 1,5000' MSL created by the Green Canyon 787 Atlantis outage; Commissioning of Green Canyon 763 / Anchor is fully integrated at ZHU and mitigating some of the gap from Atlantis ADS-B removal. Green Canyon 780 / Argos Platform is being evaluated for a replacement of Atlantis.</li> <li>○ ADS-B coverage has a gap at 1,500 feet in the west sector; seeking platform recommendations to fill the gap if Galveston A244A location does not proceed.</li> <li>○ VHF Comm Coverage at Atlantis is reliably restored; however, may see interruption in service in the future since HVAC is permanently out of service</li> </ul> </li> </ul>

		<ul style="list-style-type: none"> <li>○ VHF Comm Coverage gap exists in deep Alaminos Canyon area, plan to fill when Alaminos Canyon 774 / Whale platform comes online</li> </ul>
4.	AIC Decision Status	<ul style="list-style-type: none"> <li>• Previous AIC recommendation to conduct site survey for Main Pass 283 was accepted and is closed.                             <ul style="list-style-type: none"> <li>○ All previous decisions have been closed.</li> </ul> </li> </ul>
5.	Item for AIC Consideration	<ul style="list-style-type: none"> <li>• Development of an AIC Terms of Reference</li> </ul>
6.	Traffic Count and Trends	<ul style="list-style-type: none"> <li>• 2023 IFR helicopter operations set a new record at 27,817</li> <li>• 2023 Total Helicopter Operations exceeded 2021 and 2022 total; creating a 3-year streak of increasing operations</li> <li>• VFR growth outpaced IFR growth, leading to decrease in the percentage of total flights that were IFR</li> </ul>
7.	Community Awareness	<ul style="list-style-type: none"> <li>• Anticipate BA 538 AWOS outage to continue through November 2024</li> <li>• ForeFlight (FF) Efforts – K18H-KANR METAR mismatch event is resolved and closed, GOM AWOS additions (FAA-VAI-FF), Weather Boxes</li> </ul>
8.	Aviation Safety	<ul style="list-style-type: none"> <li>• Discussions with ForeFlight for enhancements to Gulf of Mexico AWOS features have kicked off and are ongoing</li> </ul>
9.	Industry Support	<ul style="list-style-type: none"> <li>• FAA has a goal to achieve 35 AWOS Commissioned by October 2025</li> <li>• Industry support and matching dedication is needed: travel for site surveys, POB allocation, general prioritization among projects</li> </ul>
10.	FAA Offshore Infrastructure Management and Engineering Core Team	<p><b>Rana Obeid:</b> Surveillance and Broadcast Services (SBS) Offshore Infrastructure Management and Engineering Project Lead, rana.obeid@faa.gov</p> <p><b>Alexandra Charity:</b> Project Manager, alexandra.d.charity@faa.gov</p> <p><b>Colleen Ahlers:</b> SBS Offshore Infrastructure Management and Engineering Implementation Lead, cahlers@gems-inc.com</p> <p><b>Rhonda Carraway:</b> SBS Offshore Infrastructure Management and Engineering Transportation Management and Tactical O&amp;M Lead, rhonda@gems-inc.com</p> <p><b>Bob Herak:</b> SBS Offshore Infrastructure Management and Engineering Air Traffic Operations and Strategic Management Lead, bherak@regulus-group.com</p> <p><b>William Majeau:</b> SBS Offshore Infrastructure Management and Engineering Project Management, wmajeau@gems-inc.com</p> <p><b>Mitch Olshansky:</b> SBS Offshore Infrastructure Management and Engineering Agreement Management Project Management, molshansky@regulus-group.com</p> <p><b>Jennifer Goldsmith:</b> SBS Offshore Infrastructure Management and Engineering Agreement Management Lead, jgoldsmith@gems-inc.com</p> <p><b>Allan Overbey:</b> SBS Offshore Infrastructure Management and Engineering Project Management, adoverbey@gems-inc.com</p>

Subject	Decision / Key Points (Documented in FAA-industry Agreement Implementation Committee Minutes)	Remarks / Notes	Status
<b>October 9, 2024 AIC Zoom Hybrid Meeting</b>			
	The AIC supported the decision for development of an AIC Terms of Reference	October 2024: The affirmative decision was made with unanimous concurrence.	Affirmed
<b>May 15, 2024 AIC Zoom Hybrid Meeting</b>			
Main Pass 283 AWOS Site Survey	The AIC supported the site survey of the Main Pass 283 Platform as a potential AWOS candidate site	May 2024: The affirmative decision was made with unanimous concurrence.	Closed 5/24
<b>January 17, 2024 AIC Zoom Hybrid Meeting</b>			
Ewing Banks 873 / Lobster AWOS Site Survey	The AIC supported the site survey of the Ewing Banks 873 Platform as a potential AWOS candidate site	Jan 2024: The affirmative decision was made with unanimous concurrence.	Closed 1/24
Galliano, LA AWOS Site Survey and Install	The AIC supported the FAA investigate feasibility and conduct a site survey of the High Island A264A Platform as a potential AWOS candidate site	Jan 2024: The affirmative decision was made with unanimous concurrence.	Closed 1/24
High Island A264C AWOS Install	The AIC supported High Island A264 as an installation site for an AWOS	Jan 2024: The affirmative decision was made with unanimous concurrence.	Closed 1/24
West Cameron 167 AWOS Install	The AIC supported West Cameron 167 as an installation site for an AWOS	Jan 2024: The affirmative decision was made with unanimous concurrence.	Closed 1/24
Vermillion 149 AWOS Install	The AIC supported Vermillion 149 as an installation site for an AWOS	Jan 2024: The affirmative decision was made with unanimous concurrence.	Closed 1/24
Green Canyon 780 / Argos AWOS, ADS-B, VHF Installation	The AIC supported Green Canyon 780/ Argos Platform as an installation site for B, AWOS, and VHF Comm	Jan 2024: The affirmative decision was made with unanimous concurrence.	Closed 1/24
Brazos 538 Remove and Replace AWOS	The AIC supported Brazos 538 as a replacement installation site for an AWOS	Jan 2024: The affirmative decision was made with unanimous concurrence.	Closed 1/24
<b>October 11, 2023 AIC Zoom Hybrid Meeting</b>			
West Cameron 167 AWOS Site Survey	The AIC supported the FAA investigate feasibility and conduct a site survey of the West Cameron 167 Platform as a potential AWOS candidate site	October 2023: The decision was made with unanimous concurrence.	Closed 10/24
High Island A264A AWOS Site Survey	The AIC supported the FAA investigate feasibility and conduct a site survey of the High Island A264A Platform as a potential AWOS candidate site	October 2023: The decision was made with unanimous concurrence.	Closed 10/24
Vermillion 149 AWOS Site Survey	The AIC supported the FAA investigate feasibility and conduct a site survey of the Vermillion 149 Platform as a potential AWOS candidate site	October 2023: The decision was made with unanimous concurrence.	Closed 10/24
Green Canyon 780/Argos Feasibility Assessment	The AIC supported the FAA investigate feasibility of the Green Canyon 780/ Argos Platform as a potential ADS-B,	October 2023: The decision was made with unanimous concurrence.	Closed 10/24

	AWOS, and VHF Comm site through a Technical Feasibility Assessment		
South Timbalier 232/Powerball / AWOS Install	The AIC supported South Timbalier 232/Powerball as an installation site for an AWOS to provide coverage redundancy in high traffic area south of Houma, LA and create 1 new weather box with South Timbalier 52B	October 2023: The decision was made with unanimous concurrence.	Closed 10/24
Viosca Knoll 956/ Ram Powell/AWOS Install, ADS-B building replacement	The AIC supported Viosca Knoll 956/Ram Powell to replace the ADS-B building and for an AWOS installation to provide coverage redundancy, create up to 4 new weather boxes, offer potential to complete tech refresh of ADS-B and integrate AWOS into infrastructure design and implementation	October 2023: The decision was made with unanimous concurrence.	Closed 10/24
<b>May 17, 2023 AIC Zoom Hybrid Meeting</b>			
Ship Shoal 28P/ AWOS Install	The AIC supported Ship Shoal 28P as an installation site for an AWOS installation to expand weather coverage and provide weather reporting services at the coastline	May 2023: The decision was made with unanimous concurrence.	Closed 5/23
Main Pass 69 AWOS Install	The AIC supported Main Pass 69 as an installation site for an AWOS installation to provide shallow water coverage, replace Main Pass 289C AWOS, and establish weather box with WD27A AWOS	May 2023: The decision was made with unanimous concurrence.	Closed 5/23
South Timbalier 232 AWOS Site Survey	The AIC supported the FAA investigate feasibility of the South Timbalier 232/Powerball Platform as a potential AWOS candidate site	May 2023: The decision was made with unanimous concurrence.	Closed 5/23
Mississippi Canyon 127 / Horn Mountain AWOS Site Survey	The AIC supported the FAA investigate feasibility of the Mississippi Canyon 127/Horn Mountain Platform as a potential AWOS and VHF Comm candidate site	May 2023: The decision was made with unanimous concurrence.	Closed 5/23
Viosca Knoll 956 / Ram Powell AWOS Site Survey	The AIC supported the FAA investigate feasibility of the Viosca Knoll 956/Ram Powell Platform as a potential AWOS candidate site	May 2023: The decision was made with unanimous concurrence.	Closed 5/23
Green Canyon 613 / Neptune AWOS, ADS-B, VHF Comm Site Survey	The AIC supported the FAA investigate feasibility of the Green Canyon 613/Neptune Platform as a potential candidate site for ADS-B, AWOS, and VHF Comm	May 2023: The decision was made with unanimous concurrence.	Closed 5/23
Green Canyon 780 / Argos AWOS, ADS-B, VHF Comm Site Survey	The AIC supported the FAA investigate feasibility of the Green Canyon 780/Argos Platform as a potential candidate site for ADS-B, AWOS, and VHF Comm	May 2023: The decision was made with unanimous concurrence.	Closed 5/23

Jan 13, 2023 AIC Zoom Hybrid Meeting			
Green Canyon 763, Anchor / ADS-B, VHF Comm, AWOS	The AIC supported installation of ADS-B, VHF Comm, and AWOS at Green Canyon 763 to expand and add redundancy to ADS-B and VHF coverage and create a weather box with future Green Canyon 641 Tahiti Platform.	<b>Oct 2022:</b> The decision was made with unanimous concurrence.	Closed 1/23
Tank Battery 45 / AWOS	The AIC supported Galveston A244A as an installation site for an ADS-B, VHF Comm and AWOS to replace the VHF Comm at East Breaks 165 before the site is decommissioned, to expand ADS-B coverage below 3,000ft, and to create a weather box with East Breaks 643.	<b>Oct 2022:</b> The decision was made with unanimous concurrence.	Closed 1/23

*NOTE: Meeting minutes prior to 2023 can be found on the HSAC website. You can also reach out directly to the FAA Offshore Infrastructure Management and Engineering team with any questions.*