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

Meeting

Date/Time: January 17, 2024 / 1530 CST **Location:** Houston, TX with a virtual Zoom Option

| Meeting Attendees (** denotes Virtual Attendees) | | | |
|---|---|---------------------------------|--|
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| Meeting Attendees (** denotes Virtual Attendees) | | |
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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 | |
|---------|------------------------------|--|
| Regular | r Business | |
| 1. | FAA Infrastructure Status | |
| 2. | 5-Year Outlook | |
| 3. | AWOS/ADS-B/VHF Comm Coverage | |
| 4. | Installation Updates | |
| New Bu | isiness | |
| 5. | Items for AIC Decision | |
| 6. | Traffic Count & Trends | |
| 7. | Community Awareness | |
| Summa | Summary | |
| 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 Ewing Banks 873 / Lobster Platform. |
| 2. | The AIC supported the site survey and installation of an AWOS in Galliano, LA . |
| 3. | The AIC supported the installation of an AWOS at the West Cameron 167 Platform if the site survey results confirm feasibility. |
| 4. | The AIC supported the installation of an AWOS at the High Island 264 Platform if the site survey results confirm feasibility. |
| 5. | The AIC supported the installation of an AWOS at the Vermillion 149 Platform if the site survey results confirm feasibility. |
| 6. | After discussion, the AIC supported the replacement of the AWOS at Brazos 538. |

7. The AIC supported the installation of AWOS, ADS-B, and VHF Comm at Green Canyon 780/Argos Platform, if the feasibility study proves installation can be reasonably completed.

| | Item | Key Discussion Points |
|----|-------------------------------------|---|
| 1. | FAA Infrastructure Status | FAA Gulf of Mexico 2023-2024 offshore installation projects Commissioned ETO AWOS at Mississippi Canyon 941 / Titan Commission AWOS at Green Canyon 641 / Tahiti Commission AWOS at Eugene Island 338K / Riker Commission AWOS at Ship Shoal 28P Commission AWOS at Main Pass 69B Commission AWOS at Brazos 538 Commission AWOS at South Timbalier 232 / Powerball Commission AWOS at Viosca Knoll 956 Commission AWOS at Galliano, LA Commission ADS-B and VHF Comm at Green Canyon 763 / Anchor Commission VHF Comm at Garden Banks 426 / Auger Commission AWOS, ADS-B, VHF Comm at Galveston A244A FAA Gulf of Mexico 2023-2024 offshore sustainment projects Removed AWOS at Mississippi Canyon 311A Remove AWOS at Brazos 538 (followed by replacement) |
| 2 | 5-Year Outlook | Replace ADS-B Building at Viosca Knoll 956 Remove ADS-B at Green Canyon 787 / Atlantis Predicted FAA equipment losses within next 5 years Alaminos Canyon 25 (HHV ADS-B/AWOS)*** East Breaks 165 (EMK AWOS/KQT7 VHF comm)** - seeking additional replacement options East Breaks 643A (VAF AWOS)*** East Cameron 321A (EZP ADS-B, AWOS, VHF comm)** Garden Banks 668 (GUL ADS-B/AWOS)* Garden Banks 783 (GBK AWOS) *No replacement identified, seeking replacement suggestions **Potential replacement identified ***Replacement not planned |
| | | FAA <u>AWOS</u> Platform Replacement Criteria Supports coverage requirements; AIC concurs with location Minimum 7 years longevity—5 years after commission Physical space for equipment in unclassified area of platform Power/telecommunications bandwidth availability Manned platform preferred Unmanned platform acceptable if visited regularly and power/telecommunications are available |
| 3. | AWOS/ADS- B/VHF Comm Coverage | AWOS/ADS-B/VHF Comm Coverage Twenty-six (26) total AWOS are in operation in the Gulf of Mexico One (1) AWOS is out of service due to past storm damage (East Breaks 165) Two (2) weather boxes have been established with provisional approval in December 2023: Mississippi Canyon 941 pairs with Mississippi Canyon 807 and Mississippi Canyon 724 ADS-B coverage has a gap created by the Green Canyon |

| | | 787 Atlantis outage; Commissioning of Green Canyon 763 / Anchor will partially fill the outage once it comes online in summer of 2024. Green Canyon 780 / Argos Platform is being evaluated for a replacement of Atlantis. O 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. O VHF Comm Coverage at Atlantis is reliably restored, until the excessive heat of summer O VHF Comm Coverage gap exists in deep Alaminos Canyon area, plan to fill when Whale platform comes online |
|----|----------------------------|--|
| 4. | AIC Decision Status | Previous AIC recommendations still under investigation: All previous decisions have been closed. |
| 5. | Item for AIC Consideration | Conduct Site Survey for AWOS Installation at Ewing Banks 873 / Lobster Provides redundant coverage in high-traffic area; pairs with future South Timbalier 232 Platform Conduct Site Survey for AWOS Installation and Install AWOS at Galliano, LA Supports operations at Galliano Heliports, used as primary or alternate destination for IFR traffic Provides situational awareness of coastal fog to support VHF operations crossing the shoreline Next Steps: Determine limitations to installing AWOS in close proximity and on Airport property / Airport leased property Install AWOS at West Cameron 167 Provides primary coverage near-shore south of Cameron, LA; supporting VFR traffic. Next Steps - Conduct meeting with platform owner to assess technical feasibility of installing equipment; obtain approval for Site Survey of platform; conduct Site Survey Install AWOS at High Island A264A Provides primary coverage mid-water, south of Cameron LA Mainly supporting VFR traffic Next steps: Conduct meeting with platform owner to obtain approval for Site Survey of platform; conduct Site Survey Install AWOS at Vermillion 149 Provides primary coverage mid-water, south of Abbeville, LA Mainly supports VFR traffic Replaces South Marsh 268 Next steps: Conduct meeting with platform owner to assess technical feasibility of installing equipment; obtain approval for Site Survey of platform; conduct site survey Remove and Replace AWOS at Brazos 538 Preserve coverage near the TX coast Mainly supports VFR traffic Provides situational awareness of coastal fog to support VFR operations crossing the shoreline Next Steps: Coordinate with energy company Install ADS-B, AWOS, and VHF Comm Installation at Green Canyon 780/Argos—candidate site to repla |

| 6 | Troffic Court | 2022 IED holicontor approximate set an all time record high of 27 917 |
|----|--------------------------|--|
| 6. | Traffic Count and Trends | 2023 IFR helicopter operations set an all-time record high of 27,817 2023 Total Helicopter Operations exceeded 2021 and 2022 total; creating a 3-year streak of increasing operations |
| | Community | 2023 Percentage of IFR Operations will be determined when HSAC |
| 7. | Community Awareness | Statistics Report is published |
| | Awareness | South Timbalier 52 (OYE) AWOS METAR online distribution began |
| 8. | Aviation Safety | on 1/3/2024 |
| 0. | Aviation Suicty | Expect Mississippi Canyon 941 / Titan AWOS METAR online |
| | | distribution to begin on 1/25/2024 |
| | | Brazos 538 (BQX) AWOS will go offline in early February for |
| | | removal and be restored in late summer 2024. |
| | | Discussions with ForeFlight for enhancements to Gulf of Mexico |
| | | AWOS features will be kicked off on 1/22/2024 thanks to HAI |
| | | OIMe team will have representation at HAI, reach out if there are efforts to meet about |
| | | 2024 will see the most AWOS Commissionings in a single year since |
| | | before 2020 |
| 9. | FAA Offshore | Rana Obeid: Surveillance and Broadcast Services (SBS) Offshore |
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| Subject | Decision / Key Points (Documented in FAA-industry Agreement Implementation Committee Minutes) | Remarks / Notes | Status |
|--|--|---|-----------------|
| | January 17, 2024 AIC Zoo | om Hybrid Meeting | |
| 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 |
| | October 11, 2023 AIC Zo | om Hybrid Meeting | |
| 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, AWOS, and VHF Comm site through a Technical Feasibility Assessment | October 2023: The decision was made with unanimous concurrence. | Closed 10/24 |
| 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 | The AIC supported Viosca Knoll 956/ | October 2023: The decision was made | Closed |

| 956/ Ram Powell/AWOS Install, ADS-B building replacement | 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 | with unanimous concurrence. | 10/24 | |
|--|--|---|----------------|--|
| | May 17, 2023 AIC Zoor | n Hybrid Meeting | | |
| 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. | Oct 2022: 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 | Oct 2022: The decision was made with unanimous concurrence. | Closed 1/23 | |

| | 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. | | |
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| | Oct 12, 2022 AIC Zooi | n Hybrid Meeting | |
| Eugene Island 338K | The AIC supported Eugene Island 338K / Riker as an installation site for an AWOS installation to expand weather coverage in the South March area, add redundancy to Eugene Island 251, and create up to four weather boxes. | Oct 2022: The decision was made with unanimous concurrence. | Closed 10/22 |
| Galveston A244A | 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. | Oct 2022: The decision was made with unanimous concurrence. | Closed 10/22 |
| | May 18, 2022 AIC Zoo | m Hybrid Meeting | |
| South Timbalier 52B AWOS | The AIC supported South Timbalier 52B as a candidate site for an AWOS installation to replace the decommissioned Fourchon XPY AWOS | May 2022: FAA conducted site survey of the platform. Arena Offshore is supportive of AWOS installation | Closed 5/2022 |
| | January 19, 2022 AIC Zo | oom Hybrid Meeting | |
| Gulf AWOS status document | 1-AIC supported proposed design change to use NOTAM language for wind reliability in the Gulf AWOS Status Updates 2-AIC recommended omitting helideck height information from the Gulf AWOS Status Update 3-AIC recommended consolidating 1st and 2nd columns of Gulf AWOS Status Update; use abbreviations, block numbers, and leave platform owner names. Include Advisory notes with Commissioned AWOS Information on first page 4-AIC wanted to retain information about planned removals, planning commissions, and possible installation locations in the second page of the Gulf AWOS Status Update | May 2022: Last major update sent 3/28/2022 Jan 2022: Changes will be incorporated into the next Gulf Status Update | Closed 5/2022 |
| Galliano AWOS | AIC recommended keeping the option open for an FAA-contract AWOS at the Galliano Airport in case the Hurricane Ida damaged non-federal AWOS cannot be returned to service | May 2022: KGAO AWOS returned to service Jan 2022: Open status based on uncertainty of repairs being completed by airport authority | Closed 5/2022 |
| | October 13, 2021 AI | _ | |
| Ship Shoal 28P / AWOS | AIC supported the FAA investigate feasibility of Ship Shoal 28P as a potential AWOS candidate relocation site | Jan 2023: Site survey conducted in 1/2023, initial feedback is promising for installation Oct 2022: Site survey planned for 2023 | Closed 1/2023 |

| | | May 2022: Site survey planned for summer 2022 Jan 2022: Site survey being scheduled | |
|----------------------------------|--|---|-------------------|
| Tank Battery / AWOS | AIC supported the FAA investigate feasibility of the onshore Tank Battery facility west of Cameron as a potential AWOS candidate relocation site | Oct 2022: Awaiting Equipment Installation Decision May 2022: Site survey completed 5/17/2022 Jan 2022: Site survey being scheduled pending owner's approval | Closed 5/2022 |
| | October 7, 2020 AIG | Zoom Meeting | |
| Garden Banks 260 AWOS | Hess proposed Garden Banks 260 platform as a candidate site for an AWOS installation | Oct 2022: Installation will not take place at this time due to GB172 longevity extension. May 2022: Platform longevity confirmed. Platform may be future GB-172 replacement. Jan 2022: AIC recommended obtaining production longevity from Hess for the Garden Banks 260 platform May 2021: Tabled consideration as an additional AWOS location for the next 2-3 years based on revised platform longevity information of the adjacent Garden Banks 172 platform 6 NM Jan 2021: still investigating feasibility | Closed 5/2022 |
| | May 13, 2020 AIC | | |
| South Marsh 268A KSCF AWOS | The AIC supported South Marsh 107A platform as a candidate site for an AWOS installation to replace the Vermilion 331A platform VQT AWOS | Oct 2022: SM107-A was found to be not feasible for an AWOS installation May 2022: Talos Energy to be contacted; action rewritten to state SM-107A may be replacement for VR-331A VQT AWOS instead of SM-268A Oct 2021: Continues to be under FAA investigation May 2021: Tabled consideration to leapfrog KSCF at South Marsh 268A based on revised platform longevity information Jan 2021: SM 107 to replace South Marsh 268A—still investigating feasibility | Closed 10/2022 |