From: Collins, Jimmie L BARNER, NEILS C Col USAF PACAF PACAF/PADS/CC; To: Shawn Acosta ; <u>Ray Andrade</u> Baggs, Kevin L; <u>Dax Baj</u>); Christopher B I; Cory S. Brails); Christopher Butch (Craig Burns (; Daniel ï Carreiro (1;), Randy Clark Christopher Church (<u>);</u> Coronel, Romel M; ï ; Fred Edwards); <u>Jon Franque</u>; <u>Robin (Chris) Grant</u> Charles (Chaz) Frye , <u>Isra Haraha</u>p scott Higbee (; Nic Iannarone); ; Kenn Ishida ; Weldon James); <u>Diego Jarrin</u> : Brian Keith Kumalae Looby Kerry **4cGahan**); <u>Humberto Antonio (Mac) McIaren Jr</u> (Eric); Erik Modisett]; Nahale, ; Irevor Ohnstad 1; ; Pace, Frank J; Brent Parks (Giovan Patalano); Craig Petersen (); Jordan Reigel (ï ; Eric Shimodoi (trandhagen (); Bennett Strobel); John Udani Government); John Woodruff - US Federal Government Jeremy Young Cc: Felix, Ivan S CIV USN JBPHH PEARL HI (USA); John Abbey; McGregor, Shannon L CWO-3 USCG D14 (USA); Brandon, John; Wilson, John D IV CTR USARMY USARPAC (USA); Jarin, Michael S PO1 USN NAVIOCOM OAHU HI (USA); Spencer, Daniel Wesli JR CIV USARMY USAG (USA); Forthofer, Molly; EASTON, KRISHNA; Clifford Ramson RE: C-UAS Working Group Subject: Tuesday, April 22, 2025 9:32:00 AM Date: EXTERNAL Feature Article Detecting and Mitigating Drones on the Border.msg Attachments:

Aloha All

Sharing a recent article regarding detecting and mitigating drones. See attached.

v/r jc

Ms. Jimmie L Collins
Chief, Planning and Operations
State Security Clearance POC
Protected Critical Infrastructure Information (PCII) Officer
CISA Gateway Administrator - Hawai'i
Hawai'i Office of Homeland Security
3949 Diamond Head Road, Honolulu HI 96816



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Subject: C-UAS Working	ng Group	
When: Thursday, April	17, 2025 9:00 AM-11:00 AM (U	TC-10:00) Hawaii.
Where: Rm		; / Teams; LAW – OHS
Conference Rm		

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U.S. Department of Homeland Security
Collins, Jimmie L
[EXTERNAL] Feature Article: Detecting and Mitigating Drones on the Border
Tuesday, April 22, 2025 6:41:53 AM

From: To: Subject: Date:

Feature Article: Detecting and Mitigating

Drones on the Border

The ability to locate and deal with drones operating in unauthorized areas is vital to maintaining secure borders and protecting assets. The Science and Technology Directorate (S&T) and Canadian partners are testing and deploying the latest technology to address these challenges.

In early autumn near Buffalo, New York, the weather was comfortable and warm, with a touch of color in the trees marking the change of seasons. As locals went about their business and tourists enjoyed the changing leaves, several nondescript vehicles traveled alongside them on the scenic byways along the Niagara River. Inside these trucks and vans were S&T technicians watching screens, tracking the movements of small Unmanned Aerial Systems (sUAS) flying across the U.S.-Canada border.

S&T carried out the exercise in coordination with U.S. Border Patrol (USBP) Buffalo Sector and Canadian government counterparts. The goal was to practice locating and intercepting UAS flying near or crossing the Niagara River, which marks the international border. UAS are often used to move drugs and other contraband back and forth across the border. As technology advances, some have become large and powerful enough to potentially transport a person.

"We're only able to see our side of the border, and because the UAS move so fast, we don't have enough time to do an intercept," said Tony Hammerquist, Deputy Program Manager in S&T's C-UAS Program. "If we're able to see from the Canadian side, then we're able to prepare an intercept, if required, and the same thing goes for the Canadians on their side."



One of the target drones being tracked across the international border. Photo credit: S&T.

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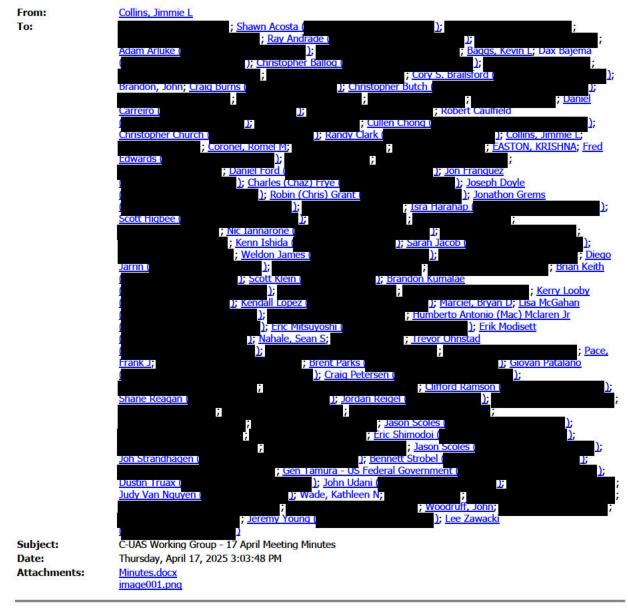
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Science and Technology Directorate scitech.dhs.gov

This email was sent to on behalf of the U.S. Department of Homeland Security | DHS.gov



Aloha All

Mahalo for your participation, for those that were able to join us today. Attached please find minutes from our discussions. Please provide your feedback if there were any errors or omissions.

Have a wonderful Easter weekend!

v/r jc

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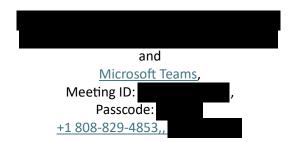
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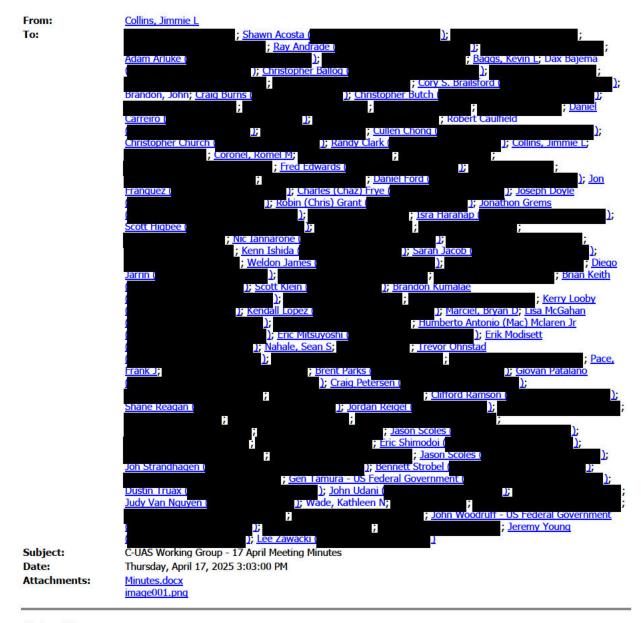
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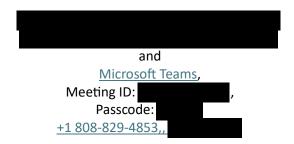
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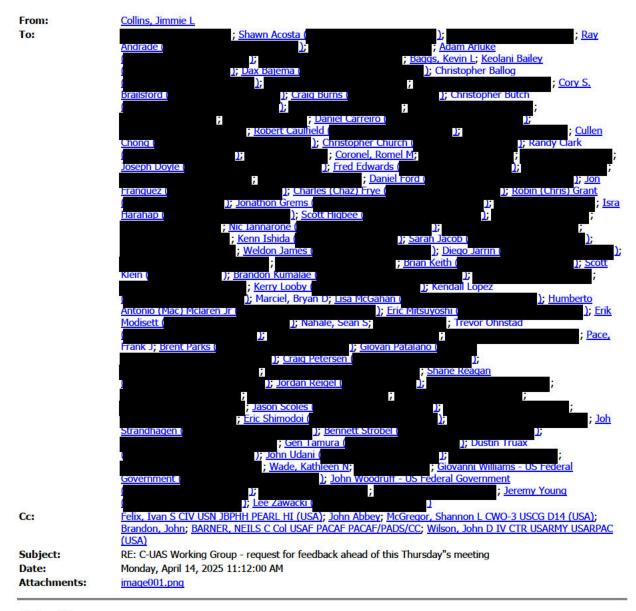
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As promised in the invitation for this week's working group meeting, I am looking to devote some time during that meeting to dive into a more detailed discussion of the topical areas we initiated dialogue on in our las meeting – see below for my notes on those:

- 1. Policy: What topics require intergovernmental leadership dialogue, what leaders/organizations should be engaged, what policies/laws are needed?
- 2. Reporting/investigations: what actions/activities will increase air domain awareness, what mechanisms are in place or are needed to be put in place to facilitate compiling and sharing 'the' threat picture, what protocol(s) are needed, what public education can be mounted to diminish instances of 'nuisance' non-nefarious activities?
- 3. Response Planning: what are the key stakeholder agencies in response, who can action (and can action what/where), what is an appropriate concept of operations?

Initially, my intent is to flesh out these topics into developed action plans with objectives that our

collective can tackle in the coming months. As an example, an objective for the Response Planning focal area may be development of a protocol for communicating incursion incidents.

For those that cannot participate in this week's meeting – it would be helpful if those that would like to participate in these breakout group(s) notify me and include which group(s) are of interest and what your preference is for meeting timings/frequency for each of the topical areas of interest to you.

For those who will be attending – I can gather this information from you during it.

I envision using the quarterly working group meetings to share progress from each of these three breakout groups and polling the larger group for broad feedback on any draft recommendations they come up with.

v/r ic

Ms. Jimmie L Collins
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State Security Clearance POC
Protected Critical Infrastructure Information (PCII) Officer
CISA Gateway Administrator - Hawai'i
Hawai'i Office of Homeland Security
3949 Diamond Head Road, Honolulu HI 96816



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-----Original Appointment-----

From: Collins, Jimmie L

Sent: Friday, October 4, 2024 2:38 PM

To: Collins, Jimmie L; ; Shawn Acosta ( ); ; Ray Andrade ( ); ; Adam Arluke ( ); ; Baggs, Kevin L; Keolani Bailey ( ); Dax

Bajema ( ); Christopher Ballog ( );
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; Cory S. Brailsford
                           ); Craig Burns (
                                                                ); Christopher Butch
                                            ; Daniel Carreiro (
                             ; Robert Caulfield (
                         ; Cullen Chong (
                                                                              ); Christopher Church
                         ); Randy Clark (
                                                                   ); Jimmie Collins
                                                  ; Coronel, Romel M;
                     ; Joseph Doyle (
                                                                      ); Fred Edwards
                        ; Daniel Ford (
                                                                          ); Jon Franquez
                           ); Charles (Chaz) Frye
                                                                             ); Robin (Chris) Grant
                        ); Jonathon Grems (
                                                                    ); Scott Higbee
                       ; Isra Harahap (
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                                                                                               Kenn
                               ); Sarah Jacob (
                                                                         );
Ishida (
                           ; Weldon James (
                                                                        ); Diego Jarrin
                                                                                               Brian
                                                                 ); Brandon Kumalae
Keith (
                                 ); Scott Klein (
                                                                                                 ; Kerry
                                ); Kendall Lopez (
                                                                              ); Marciel, Bryan D; Lisa
Looby (
McGahan (
                                       ); Humberto Antonio (Mac) Mclaren Jr
                                                                                  ); Erik Modisett
                                 ); Eric Mitsuyoshi (
                              ); Nahale, Sean S;
                                                                  ; Trevor Ohnstad
                               ; Frank Pace (
                                                                       ); Brent Parks
                                ); Giovan Patalano (
                                                                                                ); Craig
Petersen (
                                                                                      ); Jordan Reigel
                                     ; Shane Reagan (
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Scoles (
                                                                                                ; Eric
Shimodoi (
                                                                            ; Joh Strandhagen
                               ); Bennett Strobel (
                                    ; Gen Tamura (
                                                                               ); Dustin Truax
                               ); John Udani (
                                ; Wade, Kathleen N;
                                                                        ; Giovanni Williams - US
                                                      ); John Woodruff - US Federal Government
Federal Government (
                                                                                       ; Jeremy Young
                            ); Lee Zawacki
Cc: Felix, Ivan S CIV USN JBPHH PEARL HI (USA); John Abbey; McGregor, Shannon L CWO-3 USCG D14
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Cc: Felix, Ivan S CIV USN JBPHH PEARL HI (USA); John Abbey; McGregor, Shannon L CWO-3 USCG D14 (USA); Brandon, John; BARNER, NEILS C Col USAF PACAF PACAF/PADS/CC; Wilson, John D IV CTR USARMY USARPAC (USA)

Subject: C-UAS Working Group

When: Thursday, April 17, 2025 9:00 AM-11:00 AM (UTC-10:00) Hawaii.

Where:

For this upcoming quarterly, we have space to host 25 folks in-person at our conference room (in the location block above) – if you intend to join us **in person** please let me know directly so I can monitor our capacity.

Notional Agenda (pending speaker confirmations):

- Guest speaker(s):
 - [tentative] DHS/CISA HQ
 - [tentative] John Abbey SafeFlight update
 - [tentative] FBI
- Incident reporting: Reference attached.
- Events/Training:
- Policy: Prior to our meeting I will reach out to working group members to solicit interested parties for further development of the below lines of effort from previous meeting and will save space here for dialogue on agreeable path forward to pursue
 - Policy: What topics require intergovernmental leadership dialogue, what leaders/organizations should be engaged, what policies/laws are needed?
 - Reporting/investigations: what actions/activities will increase air domain awareness, what mechanisms are in place or are needed to be put in place to facilitate compiling and sharing 'the' threat picture, what protocol(s) are needed, what public education can be mounted to diminish instances of 'nuisance' non-nefarious activities?
 - Response Planning: what are the key stakeholder agencies in response, who can action (and can action what/where), what is an appropriate concept of operations?
- News:
- Other/Open Discussion:
- Conclusion:

v/r ic

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office:

cell:

Office of Homeland Security (hawaii.gov)

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Microsoft Teams Need help?

Join the meeting now

Meeting ID: Passcode:

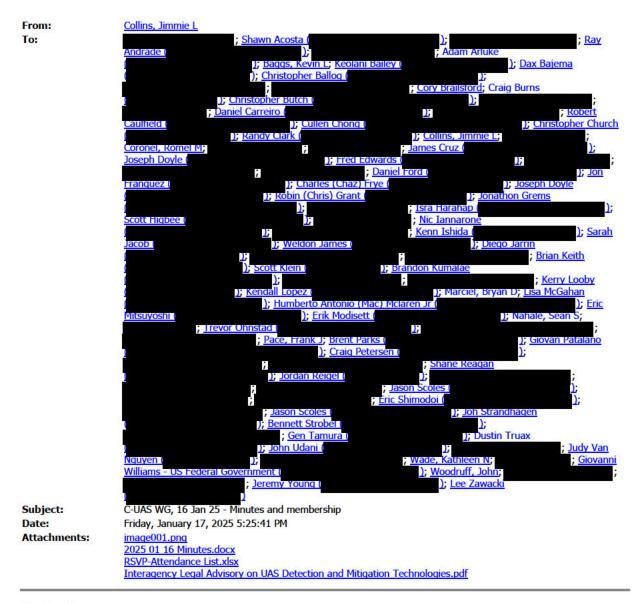
Dial in by phone

<u>+1808-829-4853,</u> United States, Honolulu

Find a local number

Phone conference ID:

For organizers: Meeting options | Reset dial-in PIN



Aloha All

My sincere appreciation to all of those that were able to join us for the great discussions and information sharing!

As one of our colleagues noted, "this workgroup enhances comms and coordination among federal, state, and local agencies regarding various deployed detection systems; response and investigations of breaches of security; and authority and jurisdiction (or lack thereof)."

We are only able to do that due to the dedication and energy of our membership and your willingness to dig into this challenging mission space.

Our intent at OHS is to facilitate this collaboration – and drive improvements where they are needed most. To that end, you will see a tight group of action items in the attached minutes that I will be championing in the year to come and look forward to engaging with those willing and able to participate in those undertakings.

I have a couple follow on communications for the group, so I will keep this one short.

My last topic here is our distribution list. There was great desire to have that roster shared and I have included what details I have at hand, but I need your assistance to improve the roster. I have updated the roster I had based on feedback from this meeting.

- 1. Please add any information that may be missing from your information (mostly that is titles and organizations) and return the spreadsheet back to me with your feedback.
- 2. Help me identify those individuals that joined but did not note their titles and organizations I do not have their email addresses as they were not on my initial invitation roster.
- **3.** Let me know if you prefer NOT to share your contact information so I can annotate that appropriately.

For those that could use a refresher or that are new to the topic, Parker Corts (FAA) reshared the attached Legal Advisory – a really good primer.

v/r jc

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Counter-UAS Working Group 16 January 2025 RSVP-Attendance List (002)

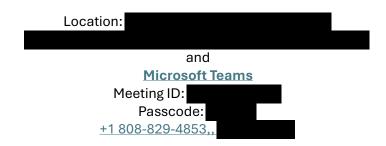
Last	First	Email	Title	Organization	Response	On-Line/ In Person	Present
Abbey	John				 Accepted	In Person	Х
Acosta	Shawn				None	Virtual	Χ
Adams	Sara				None		
Andrade	Ray				Accepted	Virtual	X
Arias	Adrien	\			None		
Arluke	Adam				None		
Baggs	Kevin				Accepted	In Person	X
Bailey	Keolani (KO)			PADS/CC	None	Virtual	X
Bajema	Dax		MAJ	HING	None	Virtual	X
Ballog	Christopher	·····	170		None	VIII	
Blanchard	Aaron	·····			None	In Person	X
Blankinship					None		
Brailsford	Cory				Accepted	In Person	X
Burns	Craig				Accepted	1111 613011	
					None		
Butch	Christopher						
Butler	Rhett				None		
Carpenter	Jason				None		
Carreiro	Daniel				None		
Carter	Scott				Declined		
Castillo			MAJ		None	Virtual	X
Caulfield	Robert				None		
Chong	Cullen				None		
Church	Christopher				None		
Clark	Randy				Accepted		
Collins	Jimmie		Chief, Planning and Operations	Hawaii OHS	Accepted	In Person	X
Comisky	Brian				None		
Coronel	Romel	-			None		
Corts	Parker		HQ Senior Representative to	FAA	None	Virtual	Т Х
			USINDOPACOM and PACAF, AJR-25 Spec Operations	cial			
Crotts	Ray			FAA	None		
Cruz	James				Accepted		
Doyle	Joseph				None		
Edwards	Fred				None		""
Felix	lvan				None		""
Ferguson	Patrick				None		
Flynn	Sheldon			FAA	None		
Ford	Daniel				None		
Franquez	Jon				None	Virtual	X
Frye	Charles (Chaz)				None	VIII	
Fuerst	Dennis				None		
Grant	Robin (Chris)				Accepted		
	Diana		Col	298 ADG/CC	None	Virtual	X
Gregory				230 ADG/CC		viituat	
Grems	Jonathon				None		
Haley	Talwyn			FAA	None		
Harahap	Isra				None		
Higbee	Scott				None		
Hook	Sean			FAA	None	Virtual	X
lannarone	Nic				Tentative		
Ibanez	Sandra				None		
Ishida	Kenn				None		
Jacob	Sarah				None		
James	Weldon				None		
Jarrin	Diego		Senior Federal Air Marshal, CUAS Lead a	gent LA Field Office	None	Virtual	Х
Jones	Mars				Accepted		
Kaonohi	Lance				None		
Keith	Brian				None	Virtual	X
Klein	Scott				None		
Kumalae	Brandon				None		
Lee	Norreal				Accepted	In Person	Х
Lindsey	Bradley		CPO	USCG	None	Virtual	X
Looby	Kerry				None	* : : tuut	
	Kendall				None		
Lopez	NGIIUALL				INUIT		

Counter-UAS Working Group 16 January 2025 RSVP-Attendance List (002)

Last	First	Email	Title	Organization	Response	On-Line/In	Present
Maraial	Dries				None	Person	"
Marciel	Bryan				None		
McGahan	Lisa (Mas)		Magitima Outage and the Constitution		Tentative	\ fight = a l	
Mclaren	Humberto (Mac)		Maritime Cybersecurity Specialist	USCG	Accepted	Virtual	X
Merrill					None	Virtual	X
Mindo	Rei				None	Virtual	X
Mitsuyoshi	Eric				Accepted	Virtual	X
Modisett	Erik		Supervisory Agent	DHS/CBP/CAMDE	Accepted	Virtual	Х
				x: Center for Air			
				and Marine Drone			
				Exploitation			
Nahale	Sean				None		
Oakley	Bryan				None		
Ohnstad	Trevor				None		"
Okagawa	Jensen				None		"
O'Keefe	Garrett				None		
Pace	Frank				Accepted	In Person	X
Parks	Brent				None		"
Partin	James		Physical Security Program Manager	IMCOM Pacific	None	Virtual	X
Patalano	Giovan		. nysisat occurry i rogiani Planagei		None	* 11 taut	
						In Person	X
Petersen	Craig				Accepted		
Piazza	Vincent				Accepted	In Person	X X
Priestly	Christopher				None	Virtual	X
Ramirez			CW2	25th CEMA	None	Virtual	X
Reagan	Shane				None		
Reigel	Jordan				None	Virtual	X
Russell	Patrick				None		
Sagun	Arnold				None		
Sanders	Paul		Sr. Chemical Security Inspector	DHS/CISA	Accepted	Virtual	Х
Scoles	Jason				None		
Shaha	Daniel				Accepted	In Person	Х
Shaw	Keith				None		
Shimodoi	Eric				None		
Song	Douglas				None	In Person	X
Stanco	Marc				None		
Strandhage			Protective Security Advisor	DHS/CISA	Accepted	Virtual	X
Strobel	Bennett		Trococtive occurry having		None	• • • • • • • • • • • • • • • • • • •	
Takahashi	Rodney				Accepted	In Person	X
			Drotoctive Coought Advisor	DHS/CISA			
Tamura	Gen		Protective Security Advisor	DH9/CI9A	Accepted	Virtual	X
Truax	Dustin				None		
Udani	John				None		
Valoroso	Deric	<u></u>			None		
Van Nguyen			Intelligence Analyst	FBI	Accepted	Virtual	X
Villegas	Julio Alvarado			FBI	None		
Wade	Kathleen				Declined		
Waller	Joshua			FBI	None		
Williams	Giovanni				Accepted	In Person	Х
Woodruff	John				None	Virtual	Χ
Wright	Alvin				None	In Person	X
Young	Andrea		FAMS AFSD-LE HNL	DHS/TSA	Accepted	Virtual	X
Young	Jeremy				Declined	· -	
Zawacki	Lee				None	In Person	" X
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							[

Counter-Unmanned Aerial Systems Working Group

16 Jan 25/09-1100 (HST) Minutes



- 1. Attendees (see RSVP-Attendance List attached to distribution email)
- 2. Guest Speakers:
 - a. Rodney Takahashi, C-sUAS Program Manager, USINDOPACOM: DOD Announces Strategy for Countering Unmanned Systems
 - Rodney discussed his initial thoughts regarding the recent designation of the Commanders of NORTHCOM and INDOPACOM as the lead synchronizers for operations to counter-UAS in the homeland. He talked about the three 'lines of effort' and generated a good bit of discussion amongst the grup regarding:
 - 1. Policy: What topics should be included in intergovernmental leadership dialogue, what leaders should be engaged, what policies are needed
 - 2. Reporting/investigations: air domain awareness, developing 'the' threat picture, information sharing. PADS representative (KO Bailey) indicated their tactical arrangement with Guard and Active forces that could increase air domain awareness and also briefly described a recent Oahu-based proof-of-concept event using the Ukrainian Sky Fortress. CBP/CAMDEx representative, Erik Modisett talked briefly about the friction between DoD (fence line) versus CBP (wide) detection authorities.
 - 3. Response Planning: who are key stakeholders in response, who can action, concept of operations
 - b. John Abbey, SafeFlight: Hawai'i UAS Response, Enforcement, and Reporting; Air Force Phase I Contract
 - i. The SafeFlight proposal for a 90-day Phase I scoping effort was funded and John is looking to launch that effort with Office of Homeland Security support in connecting with stakeholder organizations actioning data gathering activities necessary to approach Phase II funding. Those activities include:
 - 1. Identify the "protected sites" (airports, air bases, sports/ entertainment venues, and critical infrastructure), "responder agencies" (state and county law enforcement and military security forces), and "supporting agencies" (Fusion Center, 911 PSAP's, and BDOC's).
 - 2. Identify and develop output data specifications for all military and domestic C-UAS detention systems,
 - 3. Work individually and collectively with all stakeholder groups to identify and catalog all low altitude airspace ISR and mitigation and enforcement policies,

- 4. Work with management and user groups to draft Dual Use, universal protocols and adapt the software specifications developed with the Air Force Accelerator and cleared by the FAA for all US airports,
- 5. Reach consensus with all stakeholders for final protocols, joint operations/ mutual-aid agreements, detailed statewide software solution specifications and a detailed implementation plan.
- ii. OHS (Jimmie Collins) will send a separate query to the working group membership to solicit appropriate organizational contacts to support John's data gathering.
- 3. Incident reporting: Nothing to add from meeting agenda in invitation.
- 4. Events: Nothing to add from meeting agenda in invitation.
- 5. Policy: Nothing to add from meeting agenda in invitation.
- 6. News:
 - a. The group discussed the reported drone 'strike' that was in the news recently. Cory Brailsford, HPD, added to the discussion by doing an overview of several recent operational experiences, including drones flying over an active response (New Years Eve explosion response) and issues relating air operations incidental to and operationally supporting a major event. He mentioned his desire to pursue legislation for

details regarding his C-UAS approach within his organization:

- i. Education/awareness training for recruits
- ii. Documentation to expand available data to scope the response need and the capacity and capability building needs
- Response-enabling processes that tackle issues like TFR-breaching, utility of TFR versus NOTAM

7. Other/Open Discussion:

a. Training: Erik Modisett spoke briefly about specialized C-UAS training his organization conducts.

8. Conclusion:

- a. Jimmie closed the meeting with an overview of actionable items from the discussion that she will facilitate:
 - i. Initiate outreach to working group members to solicit organizational representation to support data gathering for the SafeFlight: Hawai'i UAS Response, Enforcement, and Reporting project.
 - ii. Initiate outreach to working group members to solicit interested parties for further development of these working group lines of effort (notes here are not intended to be all inclusive, just initial ideas):
 - Policy: What topics require intergovernmental leadership dialogue, what leaders/organizations should be engaged, what policies/laws are needed?
 - 2. Reporting/investigations: what actions/activities will increase air domain awareness, what mechanisms are in place or are needed to be put in place to facilitate compiling and sharing 'the' threat picture, what protocol(s) are needed, what public education can be mounted to diminish instances of 'nuisance' non-nefarious activities?
 - 3. Response Planning: what are the key stakeholder agencies in response, who can action (and can action what/where), what is an appropriate concept of operations?

- b. Follow-ons: Because our members are overachieving, collaborative, communicating types, there were items dropped in the chat and provided to me afterwards to share onwards:
 - i. <u>Firmware Update Removes Geofencing From DJI Drones AVweb</u>
 - ii. Basic Law Enforcement Response Drone Card
 - iii. FACT SHEET: The Domestic Counter-Unmanned Aircraft Systems National Action Plan
- c. Next Working Group meeting: 17 Apr 25, 09-1100 (HST), same location. Invitation to follow.









Advisory on the Application of Federal Laws to the Acquisition and Use of Technology to Detect and Mitigate Unmanned Aircraft Systems

August 2020

The Federal Aviation Administration (FAA), Department of Justice (DOJ), Federal Communications Commission (FCC), and Department of Homeland Security (DHS) are issuing an advisory guidance document to assist non-federal public and private entities interested in using technical tools, systems, and capabilities to detect and mitigate Unmanned Aircraft Systems (UAS). The advisory is intended to provide an overview of potentially applicable federal laws and regulations, as well as some factors relevant to whether those laws may apply to particular actions or systems.

Specifically, this advisory addresses two categories of federal laws that may apply to UAS detection and mitigation capabilities: (1) various provisions of the U.S. criminal code enforced by DOJ; and (2) federal laws and regulations administered by the FAA, DHS, and the FCC. The advisory does *not* address state and local laws, which UAS detection and mitigation capabilities may also implicate. Neither does it cover potential civil liability flowing from the use of UAS detection and mitigation technologies (*e.g.*, the potential liability from causing physical damage to persons or property as a result of mitigating a UAS threat, or civil liability and recovery for an unlawful interception of wire, oral, or electronic communications under 18 U.S.C. § 2520).

This advisory is provided for informational purposes only. It is strongly recommended that, prior to the testing, acquisition, installation, or use of UAS detection and/or mitigation systems, entities seek the advice of counsel experienced with both federal and state criminal, surveillance, and communications laws. Entities should conduct their own legal and technical analysis of each UAS detection and/or mitigation system and should not rely solely on vendors' representations of the systems' legality or functionality. As part of that analysis, entities should closely evaluate and consider whether the use of UAS detection and mitigation capabilities might impact the public's privacy, civil rights, and civil liberties. This is particularly important because potential legal prohibitions, as discussed below, are not based on broad classifications of systems (e.g., active versus passive, detection versus mitigation), but instead are based on the functionality of each system and the specific ways in which a system operates and is used. A thorough understanding of both applicable law and the systems' functionality will ensure important technologies designed to protect public safety, by detecting and/or mitigating UAS threats, are used effectively, responsibly, and legally.

I. Federal Criminal Laws

Congress has exclusively authorized the Departments of Defense, Energy, Justice, and Homeland Security to engage in limited UAS detection and mitigation activities to counter UAS presenting a credible threat to covered facilities or assets, notwithstanding certain otherwise potentially applicable federal criminal laws, including various laws relating to surveillance.¹ In addition, the FAA has been expressly authorized to engage in limited testing activities notwithstanding certain federal criminal surveillance laws.²

Because no other entities have been granted that authority, it is important that state, local, tribal and territorial (SLTT) and private sector entities without such statutory authority (including SLTT law enforcement organizations, SLTT governments, and owners and operators of critical infrastructure, stadiums, outdoor entertainment venues, airports, and other key sites) understand that federal laws may prevent, limit, or penalize the sale, possession, or use of UAS detection and mitigation capabilities.³ Capabilities for detecting and mitigating UAS may implicate federal criminal laws relating to surveillance, accessing or damaging computers, and damage to an aircraft. Below, the advisory sets out separately how detection and mitigation capabilities may implicate these laws.

A. Detection Capabilities

Systems that detect, monitor, or track UAS often rely on radio-frequency (RF), radar, electro-optical (EO), infrared (IR), or acoustic capabilities, or a combination thereof. These capabilities detect the physical presence of UAS or signals sent to or from the UAS. In general, whether a detection or tracking system implicates federal criminal surveillance laws, such as the Pen/Trap Statute and the Wiretap Act, depends on whether it captures, records, decodes, or intercepts, in whole or in part, electronic communications transmitted to and from a UAS and/or controller, and the type of communications involved. Detection systems that emit electromagnetic waves or pulses of sound or light that are reflected off an object and back to the detection system—such as radar, EO/IR, and acoustic systems—are less likely to pose concerns under federal criminal surveillance statutes. Such technology senses the sound or electromagnetic waves produced by or reflected from the UAS and does not capture, record, decode, or intercept electronic communications. However, the use of such systems must also comply with laws and regulations administered by the FCC and FAA, as discussed below.

By contrast, systems using RF capabilities to detect and track UAS by monitoring the communications passed between a UAS and its ground control station may implicate the Pen/Trap Statute and Wiretap Act.

• The Pen/Trap Statute, 18 U.S.C. §§ 3121-3127, criminalizes the "use" or "installation" of a "device" or "process" that "records," "decodes," or "captures" non-content⁴ dialing, routing, addressing, or signaling ("DRAS") information. DRAS information is non-content information used to transmit or process communications; depending on the system, this could include device serial numbers, cell site information, media access control (MAC) addresses, the international mobile equipment identity (IMEI), or the international mobile subscriber identity (IMSI). Use or installation of a pen register or trap and

¹ See 10 U.S.C. § 130i, 50 U.S.C. § 2661, and 6 U.S.C. § 124n.

² See 49 U.S.C. § 44810(g).

³ This advisory does not address the general authorities of public safety agencies, or specific actions they might take consistent with governing law, to protect the public in exigent circumstances.

⁴ While non-content is not defined, content is defined in footnote 7, infra.

trace device is prohibited, unless conducted pursuant to a court order or when a statutory exception applies.⁵ With respect to the Pen/Trap Statute, the exceptions state that they are limited only to providers of wire or electronic communication services.

- *Questions to consider:*
 - What information is the technology collecting (*e.g.*, UAS type, manufacturer, model, protocol, unique identifier, telemetry)?
 - Is the information DRAS or content?
 - Do any Pen/Trap exceptions apply?
- The Wiretap Act (also known as Title III), 18 U.S.C. §§ 2510 *et seq.*, prohibits, among other things, "intentionally intercept[ing]" the content of "any . . . electronic communication[,]" unless it is conducted pursuant to a court order or a statutory exception applies.⁶ An "electronic communication" is defined, with certain exceptions, as "any transfer of signs, signals, writing, images, sounds, data, or intelligence of any nature transmitted in whole or in part by a wire, radio, electromagnetic, photoelectronic or photooptical system that affects interstate or foreign commerce." *Id.* § 2510(12).



⁵ Law enforcement may use such devices with a court order, but can only obtain such an order in furtherance of an ongoing criminal investigation, *see* 18 U.S.C. § 3122(b)(2), and must use reasonably available technology that prevents the interception of the content of a communication. *See* 18 U.S.C. § 3121(c). Private actors are unable to obtain a court order under the Pen/Trap Statute and, therefore, must operate pursuant to one of the statute's exceptions. The Pen/Trap Statute and Wiretap Act do not contain identical exceptions. For example, while the Pen/Trap Statute includes an exception for use of a pen register or trap and trace device with the consent of a "user," it does not provide an exception based on the consent of a "party to the communication." *Compare* 18 U.S.C. § 3121(b)(3), *with* 18 U.S.C. § 2511(2)(c). In addition, the Pen/Trap Statute does not include an analogue to the Wiretap Act's exception allowing interception of electronic communications that are "readily accessible to the general public." *Id.* § 2511(2)(g)(i).

⁶ The Wiretap Act contains several exceptions to the blanket prohibition, including for operators and service providers, for uses "in the normal course of employment" that are a necessary incident to the rendition of services; for surveillance authorized under the Foreign Intelligence Surveillance Act of 1978; and where a party to the communication has given prior consent to such interception. *See*, e.g., 18 U.S.C. § 2511(2)(a)(i), (d) & (e). Law enforcement may also intercept communications without a court order in certain emergency situations, provided an application for an order is made within 48 hours of the interception. *Id.* § 2518(7).

- The Wiretap Act has an exception for the interception of electronic communications that are "readily accessible to the general public." *Id.* §2511(2)(g)(i). Section 2510(16) defines which radio communications do not fall into the foregoing exception. The Wiretap Act also has an exception for the interception of any radio communications that are transmitted "by any . . . aeronautical communications system." *Id.* § 2511(2)(g)(ii)(IV). UAS RF control systems may be considered "aeronautical communications systems" under the Act. However, existing case law raises questions as to the scope of both exceptions.⁷
- Questions to consider:
 - Are electronic communications being acquired?
 - Are any acquired communications transmitted by a system that affects interstate or foreign commerce (*e.g.*, a system that is connected to the Internet or a mobile network)?
 - Are any portions of the communications acquired by the technology "content?"⁸
 - Do any of the Wiretap Act's exceptions apply (*e.g.*, is the person intercepting the communications a party to the communication under 18 U.S.C. § 2511(2)(d))?
- 18 U.S.C. § 2512 generally prohibits the manufacture, assembly, possession, sale, advertisement, and distribution of devices that are "primarily useful for the surreptitious interception of wire, oral, or electronic communications." Section 2513 provides that any electronic, mechanical, or other device used, sent, carried, manufactured, assembled, possessed, sold, or advertised in violation of § 2512 may be seized and forfeited to the United States.

B. Mitigation Capabilities

Mitigation capabilities fall into two general categories: non-kinetic and kinetic. Non-kinetic solutions use non-physical measures to disrupt or disable UAS, including RF, WiFi, or Global Positioning System (GPS) jamming; spoofing; hacking techniques; and non-destructive directed energy weapons. Kinetic solutions may employ a variety of measures capable of physically disrupting or disabling a UAS, including nets, projectiles, and lasers. The use of non-kinetic or kinetic solutions may implicate federal criminal prohibitions against, among other things, intercepting and interfering with communications, damaging a "protected computer," and damaging an "aircraft." The term "aircraft" refers to "a civil, military or public contrivance invented, used, or designed to navigate, fly, or travel in the air." 18 U.S.C. § 31(a)(1). This definition is consistent with the meaning of "aircraft" in 49 U.S.C. § 40102(a)(6). In the FAA Reauthorization Act of 2018, Congress codified the term "unmanned aircraft" as "an aircraft that is operated without the possibility of direct human intervention from within or on the aircraft." 49 U.S.C. § 44801(11).

⁷ See Joffe v. Google Inc., 746 F.3d 920, 928-29 (9th Cir. 2013) (panel rehearing), cert. denied, 134 S. Ct. 2877 (2014).

⁸ Content is "any information concerning the substance, purport, or meaning of that communication." 18 U.S.C. § 2510(8). Importantly, machine-to-machine communications and data transfers between devices can be considered "content."

⁹ The statute exempts "officer[s], agent[s], or employee[s] of, or [] person[s] under contract with, the United States, a State, or a political subdivision thereof, in the normal course of the activities of the United States, a State, or a political subdivision thereof." 18 U.S.C. § 2512(2)(b).

¹⁰ The term "protected computer" includes any computer that is used in or affecting interstate or foreign commerce or communication, or that is used by or for a financial institution or the United States government. 18 U.S.C. §§ 1030(e)(1) & (2).

Jamming technologies are designed to block or interfere with authorized radio communications.¹¹ Examples of jamming include transmitting RF signals from a jammer at a higher "signal strength" than the RF signals being used to navigate or control the aircraft; preventing a cellular, WiFi, or Bluetooth-enabled device from connecting to a network (such as a cellular system or the Internet); or preventing a GPS unit from receiving positioning signals from a satellite. Spoofing technologies can replicate and replace or modify signals, and can lead to loss of control over the UAS's navigation and communications link (*e.g.*, its link to its ground controller). Hacking techniques generally focus on the UAS's communications link and/or the onboard computer processors.

Jamming, spoofing, and hacking technologies should be evaluated under the federal criminal statutes below (including the aircraft sabotage and aircraft piracy provisions), in addition to the laws discussed above with regard to detection. Because jamming and spoofing are also likely to implicate laws relating to the RF spectrum, parties should carefully review the information in Section II, below, as well.

- The Computer Fraud and Abuse Act (CFAA), 18 U.S.C. § 1030, among other things, prohibits intentionally accessing a "protected computer" without authorization and thereby obtaining information, or intentionally damaging a protected computer without authorization, including by transmitting a program, information, code, or command that causes such damage. The CFAA broadly defines the term "protected computer" in a manner that could include UAS control systems.
- <u>Interference with the Operation of a Satellite</u>, 18 U.S.C. § 1367, generally prohibits "obstruct[ing] or hinder[ing] any satellite transmission." Jamming, spoofing, degrading or otherwise interfering with GPS signals to a UAS or ground control station could be prohibited under this section, as well as jamming or interfering with any control signals sent to a UAS directly from a satellite.
- Communication Lines, Stations, or Systems, 18 U.S.C. § 1362, prohibits "willfully or maliciously injur[ing] or destroy[ing] . . . means of communication operated or controlled by the United States, or used or intended to be used for military or civil defense functions of the United States," as well as by "hinder[ing] or delay[ing] the transmission of any communication" over such means of communication. This statute could apply if UAS detection and/or mitigation operations willfully or maliciously degrade or otherwise hinder any frequency or transmissions, including cellular or WiFi signals, with a demonstrable use or intended use by the military or by SLTT law enforcement or emergency personnel engaged in civil defense functions.

Finally, it is possible for mitigation capabilities that destroy, seize, or exercise control of a UAS to implicate federal criminal laws that otherwise apply to "aircraft," as that term is statutorily defined. While all kinetic solutions will likely have one or more of these capabilities implicating those laws, non-kinetic solutions should also be evaluated for compliance.

¹¹ Authorized radio communications include radio communications operating pursuant to federal authorizations or FCC licenses and those operating without a license but pursuant to FCC rules.

¹² The statute exempts the "lawfully authorized investigative, protective, or intelligence activity of a law enforcement agency of the United States, a State, or a political subdivision of a State." 18 U.S.C. § 1030(f).

¹³ See id. § 1030(e)(1), (2).

¹⁴ The statute exempts "any lawfully authorized investigative, protective, or intelligence activity of a law enforcement agency or of an intelligence agency of the United States." *Id.* § 1367(b).



- The Aircraft Sabotage Act, 18 U.S.C. § 32(a), criminalizes certain destructive actions with respect to "aircraft," including damaging, destroying, or disabling those aircraft.
- The Aircraft Piracy Act, 49 U.S.C. § 46502, criminalizes the act of seizing or exercising control of an "aircraft" with "wrongful intent." An intent to seize or exercise control of an aircraft without the legal authorization to do so could involve wrongful intent.

II. Additional Federal Laws Relating to Aviation and Spectrum

In addition to implicating federal criminal laws, the acquisition, installation, testing, and use of UAS detection or mitigation technologies may implicate laws and regulations administered by the FAA and the FCC relating to aviation and RF spectrum. UAS response measures may also implicate existing aviation security laws and regulations administered by the Transportation Security Administration (TSA).

A. Laws Relating to Aviation Safety and Efficiency¹⁵

Non-federal entities should evaluate UAS detection activities for compliance with laws and regulations administered by the FAA, including but not limited to the following:

¹⁵ This subsection is limited to the discussion of UAS detection systems because, as previously indicated, only certain federal agencies have been expressly authorized by Congress to mitigate UAS notwithstanding certain federal laws. The FAA does not support the use of mitigation systems by any entities that do not have express authority from Congress.

- <u>Use of Airspace</u>. 49 U.S.C. § 40103 establishes a public right of transit through the navigable airspace and vests the FAA with authority to ensure the safety of aircraft and the efficient use of airspace. This includes ensuring that compliant aircraft (including UAS) may move through the airspace without improper interference. For example, detection systems may lead to the identification of both legitimate airspace users as well as unlawful activity. Additional analysis is necessary to identify whether an operation identified by a detection system is in violation of FAA regulation before engaging in an operational response. This also includes identifying and working to address any potential collateral impacts of detection technology or systems on the safe and efficient operation of the National Airspace System.
- <u>Airport Operating Certificates</u>. 49 U.S.C. § 44706, as implemented by 14 CFR Part 139, prescribes the rules governing the certification and operation of airports in the United States. Holders of Airport Operating Certificates issued under 14 CFR Part 139 must protect navigational aids. *See* 14 CFR § 139.333. Commercial service airport operators may also need to update the contents of their airport certification manuals to include operating procedures for the use of a UAS detection system. *See id.* § 139.203. Moreover, the installation or use of UAS detection systems by sponsors of commercial service airports may also implicate other regulatory requirements under CFR Title 14. The FAA has provided extensive information to airport sponsors, which can be accessed at: https://www.faa.gov/airports/airportsafety/#SafetyGuidance.
- Structures Interfering with Air Commerce. 49 U.S.C. § 44718, as implemented in 14 CFR Part 77, requires entities proposing construction or alteration of existing structures in the vicinity of an airport to provide the FAA with notice. See also FAA Order 7400.2M, Procedures for Handling Airspace Matters (Feb. 28, 2019). The required notice allows the FAA to conduct an aeronautical study of the potential for the proposed structure and any electromagnetic broadcast signals to create a hazard to air navigation, including interference with aircraft and navigational aids. Entities seeking to install or use equipment for UAS detection activities should also evaluate whether 14 CFR Part 77 requires them to provide the FAA with advance notice of proposed construction or alteration.
- Project Grant Application Approval Conditioned on Assurances About Airport Operations. 49 U.S.C. § 47107 establishes obligations for recipients of grant funds for an airport development project to maintain and operate airport facilities safely and efficiently and in accordance with specified conditions. Airports subject to such conditions may need to ensure that the installation or use of a UAS detection system does not introduce a hazard that cannot be mitigated, consistent with applicable grant assurance obligations, such as Grant Assurance 20, Hazard Removal and Mitigation. In addition, such airports may need to ensure that UAS detection systems and associated structures are accurately reflected in the Airport Layout Plan consistent with Grant Assurance 29, Airport Layout Plan.

For additional information concerning these laws, please contact the Office of National Security Programs and Incident Response at the FAA.

¹⁶ Non-federal entities are encouraged to independently validate the performance and characteristics of UAS detection systems being considered. Significant deviations between vendor claims and real world operation, including the potential for RF emissions and interference, have been observed by the FAA.

B. Laws Relating to Transportation/Airport Security

Through its broad authorities, the TSA oversees the implementation and ensures the adequacy "of security measures at airports and other transportation facilities." 49 U.S.C. § 114(f)(11). TSA may also take appropriate action to address threats, including coordination of security measures with other agencies and to impose requirements on transportation stakeholders, through regulations, security directives, emergency amendments, and security programs. *See* 49 U.S.C. § 114(f)(4) & (1)(1)-(2); 49 U.S.C. § 44932; 49 CFR § 1542.105(d), 1542.303, 1544.305, 1544.105(d), 1546.105(d).

Airports seeking to deploy, buy, or purchase UAS detection or mitigation systems should consider laws, regulations, and security requirements related to local aviation security response. For example, TSA regulations require each operator of an airport regularly serving air carriers to establish an air transportation security program (ASP). See 49 U.S.C. §§ 114 and 44903; 49 CFR Part 1542. Among other requirements, the ASP must provide law enforcement personnel in the number and manner adequate to support the program. 49 CFR § 1542.215. In addition, TSA's enforcement authorities include the ability of the Administrator, in consultation with the airport operator and law enforcement authorities, to order the deployment of personnel at any secure area of the airport to counter threats to aircraft and aircraft operations or to address national security concerns, such as those posed by UAS. 49 U.S.C. § 44903(h)(1).

For additional information or coordination, please contact your local TSA Federal Security Director.

C. Laws Relating to the Radiofrequency Spectrum

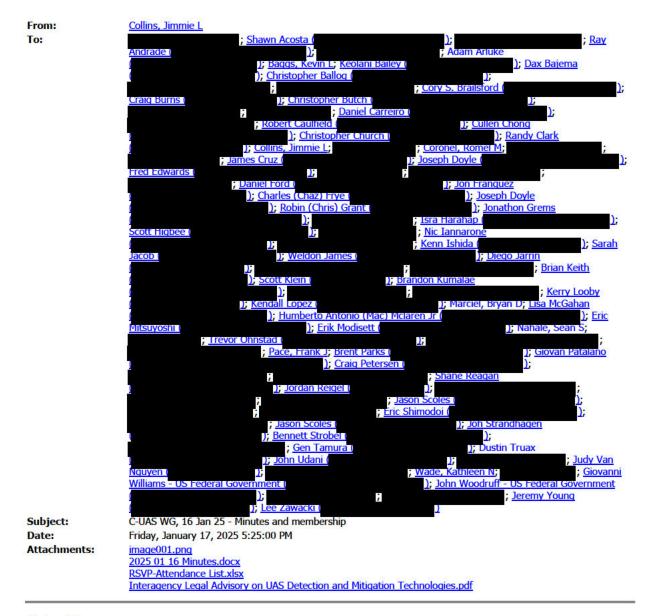
Any systems that involve emission of radio waves, including radar, must be evaluated for compliance with laws and regulations administered by the FCC, including but not limited to the following:

- <u>Authorizations for Use of Spectrum</u>. Authorized non-federal radio communications include unlicensed operations and operations on frequencies requiring individual licenses.
 - Transmissions on frequencies authorized for unlicensed operations, such as common WiFi and Bluetooth frequencies, do not require a license but may nevertheless implicate statutory or regulatory prohibitions against harmful interference as well as other requirements.
 - Operating on a frequency allocated for licensed private-sector use (such as on the bands used by mobile phones) is subject to licensing requirements and other regulation at the federal level. See 47 U.S.C. § 301.
 - For example, use of radar to detect UAS requires a Radiolocation Service license from the FCC. General guidance regarding how to prepare and file an application is available at https://www.fcc.gov/wireless/bureau-divisions/mobility-division/industrial-business/industrial-business-licensing. The application must identify the locations and frequencies where the applicant proposes to operate as well as provide other technical information. Equipment vendors may be able to assist with gathering this information. No prior frequency coordination is required, but if the applicant proposes to operate near a U.S. Government facility, it may wish to consult with appropriate Federal officials before applying in order to avoid having the application rejected when the FCC conducts its Federal coordination.

- Marketing, Sale, or Operation of Jammers. 47 U.S.C. § 302a prohibits most non-federal entities from manufacturing, importing, shipping, selling, or using devices that fail to comply with FCC regulations regarding devices that can interfere with radio reception, including transmitters designed to block, jam, or interfere with wireless communications. 47 U.S.C. § 302a(b).
- Interference with Radio Communications. 47 U.S.C. § 333 prohibits "willfully or maliciously interfer[ing] with or caus[ing] interference to any radio communications of any station licensed or authorized by [the FCC] or operated by the United States Government."

Guidance disclaimer: This advisory is provided for informational purposes only. Guidance documents, like this document, are not binding and lack the force and effect of law, unless expressly authorized by statute or expressly incorporated into a contract, grant, or cooperative agreement. Consistent with Executive Order 13891 and the Office of Management and Budget implementing memoranda, the issuing Departments will not cite, use, or rely on any guidance document that is not accessible through the issuing Departments' guidance portals, or similar guidance portals for other Executive Branch departments and agencies, except to establish historical facts. To the extent any guidance document sets out voluntary standards (e.g., recommended practices), compliance with those standards is voluntary, and noncompliance will not result in enforcement action. Guidance documents may be rescinded or modified in the issuing Departments' complete discretion, consistent with applicable laws.

9.95.300-UAS



Aloha All

My sincere appreciation to all of those that were able to join us for the great discussions and information sharing!

As one of our colleagues noted, "this workgroup enhances comms and coordination among federal, state, and local agencies regarding various deployed detection systems; response and investigations of breaches of security; and authority and jurisdiction (or lack thereof)."

We are only able to do that due to the dedication and energy of our membership and your willingness to dig into this challenging mission space.

Our intent at OHS is to facilitate this collaboration – and drive improvements where they are needed most. To that end, you will see a tight group of action items in the attached minutes that I will be championing in the year to come and look forward to engaging with those willing and able to

participate in those undertakings.

I have a couple follow on communications for the group, so I will keep this one short.

My last topic here is our distribution list. There was great desire to have that roster shared and I have included what details I have at hand, but I need your assistance to improve the roster. I have updated the roster I had based on feedback from this meeting.

- 1. Please add any information that may be missing from your information (mostly that is titles and organizations) and return the spreadsheet back to me with your feedback.
- 2. Help me identify those individuals that joined but did not note their titles and organizations I do not have their email addresses as they were not on my initial invitation roster.
- **3.** Let me know if you prefer NOT to share your contact information so I can annotate that appropriately.

For those that could use a refresher or that are new to the topic, Parker Corts (FAA) reshared the attached Legal Advisory – a really good primer.

v/r jc

Ms. Jimmie L Collins
Chief, Planning and Operations
State Security Clearance POC
Protected Critical Infrastructure Information (PCII) Officer
CISA Gateway Administrator - Hawai'i
Hawai'i Office of Homeland Security
3949 Diamond Head Road, Honolulu HI 96816



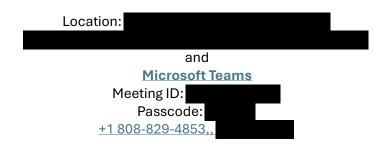
Office of Homeland Security (hawaii.gov)



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Counter-Unmanned Aerial Systems Working Group

16 Jan 25/09-1100 (HST) Minutes



- 1. Attendees (see RSVP-Attendance List attached to distribution email)
- 2. Guest Speakers:
 - a. Rodney Takahashi, C-sUAS Program Manager, USINDOPACOM: DOD Announces Strategy for Countering Unmanned Systems
 - i. Rodney discussed his initial thoughts regarding the recent designation of the Commanders of NORTHCOM and INDOPACOM as the lead synchronizers for operations to counter-UAS in the homeland. He talked about the three 'lines of effort' and generated a good bit of discussion amongst the grup regarding:
 - 1. Policy: What topics should be included in intergovernmental leadership dialogue, what leaders should be engaged, what policies are needed
 - 2. Reporting/investigations: air domain awareness, developing 'the' threat picture, information sharing. PADS representative (KO Bailey) indicated their tactical arrangement with Guard and Active forces that could increase air domain awareness and also briefly described a recent Oahu-based proof-of-concept event using the Ukrainian Sky Fortress. CBP/CAMDEx representative, Erik Modisett talked briefly about the friction between DoD (fence line) versus CBP (wide) detection authorities.
 - 3. Response Planning: who are key stakeholders in response, who can action, concept of operations
 - b. John Abbey, SafeFlight: Hawai'i UAS Response, Enforcement, and Reporting; Air Force Phase I Contract
 - i. The SafeFlight proposal for a 90-day Phase I scoping effort was funded and John is looking to launch that effort with Office of Homeland Security support in connecting with stakeholder organizations actioning data gathering activities necessary to approach Phase II funding. Those activities include:
 - 1. Identify the "protected sites" (airports, air bases, sports/ entertainment venues, and critical infrastructure), "responder agencies" (state and county law enforcement and military security forces), and "supporting agencies" (Fusion Center, 911 PSAP's, and BDOC's).
 - 2. Identify and develop output data specifications for all military and domestic C-UAS detention systems,
 - 3. Work individually and collectively with all stakeholder groups to identify and catalog all low altitude airspace ISR and mitigation and enforcement policies,

- 4. Work with management and user groups to draft Dual Use, universal protocols and adapt the software specifications developed with the Air Force Accelerator and cleared by the FAA for all US airports,
- 5. Reach consensus with all stakeholders for final protocols, joint operations/ mutual-aid agreements, detailed statewide software solution specifications and a detailed implementation plan.
- ii. OHS (Jimmie Collins) will send a separate query to the working group membership to solicit appropriate organizational contacts to support John's data gathering.
- 3. Incident reporting: Nothing to add from meeting agenda in invitation.
- 4. Events: Nothing to add from meeting agenda in invitation.
- 5. Policy: Nothing to add from meeting agenda in invitation.
- 6. News:
 - a. The group discussed the reported drone 'strike' that was in the news recently. Cory Brailsford, HPD, added to the discussion by doing an overview of several recent operational experiences, including drones flying over an active response (New Years Eve explosion response) and issues relating air operations incidental to and operationally supporting a major event. He mentioned his desire to pursue legislation for

details regarding his C-UAS approach within his organization:

- i. Education/awareness training for recruits
- ii. Documentation to expand available data to scope the response need and the capacity and capability building needs
- Response-enabling processes that tackle issues like TFR-breaching, utility of TFR versus NOTAM

7. Other/Open Discussion:

a. Training: Erik Modisett spoke briefly about specialized C-UAS training his organization conducts.

8. Conclusion:

- a. Jimmie closed the meeting with an overview of actionable items from the discussion that she will facilitate:
 - i. Initiate outreach to working group members to solicit organizational representation to support data gathering for the SafeFlight: Hawai'i UAS Response, Enforcement, and Reporting project.
 - ii. Initiate outreach to working group members to solicit interested parties for further development of these working group lines of effort (notes here are not intended to be all inclusive, just initial ideas):
 - Policy: What topics require intergovernmental leadership dialogue, what leaders/organizations should be engaged, what policies/laws are needed?
 - 2. Reporting/investigations: what actions/activities will increase air domain awareness, what mechanisms are in place or are needed to be put in place to facilitate compiling and sharing 'the' threat picture, what protocol(s) are needed, what public education can be mounted to diminish instances of 'nuisance' non-nefarious activities?
 - 3. Response Planning: what are the key stakeholder agencies in response, who can action (and can action what/where), what is an appropriate concept of operations?

- b. Follow-ons: Because our members are overachieving, collaborative, communicating types, there were items dropped in the chat and provided to me afterwards to share onwards:
 - i. Firmware Update Removes Geofencing From DJI Drones AVweb
 - ii. Basic Law Enforcement Response Drone Card
 - iii. FACT SHEET: The Domestic Counter-Unmanned Aircraft Systems National Action Plan
- c. Next Working Group meeting: 17 Apr 25, 09-1100 (HST), same location. Invitation to follow.

Counter-UAS Working Group 16 January 2025 RSVP-Attendance List (002)

Last	First	Email	Title	Organization	Response	On-Line/ In Person	Present
Abbey	John				Accepted	In Person	Х
Acosta	Shawn				None	Virtual	Х
Adams	Sara				None		
Andrade	Ray				Accepted	Virtual	X
Arias	Adrien				None		
Arluke	Adam				None		
Baggs	Kevin				Accepted	In Person	Х
Bailey	Keolani (KO)			PADS/CC	None	Virtual	X
Bajema	Dax		MAJ	HING	None	Virtual	X
Ballog	Christopher				None		
Blanchard	Aaron				None	In Person	X
Blankinship	Lisa				None		
Brailsford	Cory				Accepted	In Person	X
Burns	Craig				Accepted		
Butch	Christopher				None		
Butler	Rhett	<u> </u>			None		
Carpenter	Jason				None		
Carreiro	Daniel				None		
Carter	Scott				Declined		
Castillo			MAJ		None	Virtual	Х
Caulfield	Robert				None		
Chong	Cullen				None		
Church	Christopher				None		
Clark	Randy				Accepted		
Collins	Jimmie		Chief, Planning and Operations	Hawaii OHS	Accepted	In Person	X
Comisky	Brian				None		
Coronel	Romel				None		
Corts	Parker		USINDOPACOM and PACAF, AJR-25 Special	FAA	None	Virtual	X
O	D		Operations		N		
Crotts	Ray			FAA	None		
Cruz	James 				Accepted		
Doyle	Joseph				None		
Edwards	Fred				None		
Felix	Ivan				None		
Ferguson	Patrick	···			None		
Flynn	Sheldon			FAA	None		
Ford	Daniel				None	\	
Franquez	Jon				None	Virtual	X
Frye	Charles (Chaz)				None		
Fuerst	Dennis				None		
Grant	Robin (Chris)		Ool	200 400 /00	Accepted	\/; \dagger_i = 1	
Gregory	Diana		Col	298 ADG/CC	None	Virtual	X
Grems	Jonathon				None		
Haley	Talwyn			FAA	None		
Harahap	Isra				None		
Higbee	Scott				None	\/iv+!	
Hook	Sean			FAA	None	Virtual	X
lannarone	Nic				Tentative		
Ibanez	Sandra				None		
Ishida	Kenn				None		
Jacob	Sarah				None		
James	Weldon			I.A.E I.J.Off	None	N.C. at a set	
Jarrin	Diego		Senior Federal Air Marshal, CUAS Lead agent	LA FIELD OTTICE	None	Virtual	X
Jones	Mars				Accepted		
Kaonohi	Lance				None		
Keith	Brian				None	Virtual	X
Klein	Scott				None		
Kumalae	Brandon				None		
Lee	Norreal				Accepted	In Person	Х
Lindsey	Bradley		CPO	USCG	None	Virtual	Х
Looby	Kerry				None		
Lopez	Kendall				None		

Counter-UAS Working Group 16 January 2025 RSVP-Attendance List (002)

Last	First	Email	Title	Organization	Response	On-Line/In	Present
Maraial	Dries				None	Person	"
Marciel	Bryan				None		
McGahan	Lisa (Mas)		Magitima Outage and the Constitution		Tentative	\ fight = a l	
Mclaren	Humberto (Mac)		Maritime Cybersecurity Specialist	USCG	Accepted	Virtual	X
Merrill					None	Virtual	X
Mindo	Rei				None	Virtual	X
Mitsuyoshi	Eric				Accepted	Virtual	X
Modisett	Erik		Supervisory Agent	DHS/CBP/CAMDE	Accepted	Virtual	Х
				x: Center for Air			
				and Marine Drone			
				Exploitation			
Nahale	Sean				None		
Oakley	Bryan				None		
Ohnstad	Trevor				None		"
Okagawa	Jensen				None		"
O'Keefe	Garrett				None		
Pace	Frank				Accepted	In Person	X
Parks	Brent				None		"
Partin	James		Physical Security Program Manager	IMCOM Pacific	None	Virtual	X
Patalano	Giovan		. nyolout occurry i rogiani Planagei		None	* 11 taut	
						In Person	X
Petersen	Craig				Accepted		
Piazza	Vincent				Accepted	In Person	X X
Priestly	Christopher				None	Virtual	X
Ramirez			CW2	25th CEMA	None	Virtual	X
Reagan	Shane				None		
Reigel	Jordan				None	Virtual	X
Russell	Patrick				None		
Sagun	Arnold				None		
Sanders	Paul		Sr. Chemical Security Inspector	DHS/CISA	Accepted	Virtual	Х
Scoles	Jason				None		
Shaha	Daniel				Accepted	In Person	Χ
Shaw	Keith				None		
Shimodoi	Eric				None		
Song	Douglas				None	In Person	X
Stanco	Marc				None		
Strandhage			Protective Security Advisor	DHS/CISA	Accepted	Virtual	X
Strobel	Bennett		Trococtive occurry having		None	• • • • • • • • • • • • • • • • • • •	
Takahashi	Rodney				Accepted	In Person	X
			Drotoctive Coought Advisor	DHS/CISA			
Tamura	Gen		Protective Security Advisor	DH9/CI9A	Accepted	Virtual	Х
Truax	Dustin				None		
Udani	John				None		
Valoroso	Deric	<u></u>			None		
Van Nguyen			Intelligence Analyst	FBI	Accepted	Virtual	X
Villegas	Julio Alvarado			FBI	None		
Wade	Kathleen				Declined		
Waller	Joshua			FBI	None		
Williams	Giovanni				Accepted	In Person	Х
Woodruff	John				None	Virtual	Χ
Wright	Alvin				None	In Person	X
Young	Andrea		FAMS AFSD-LE HNL	DHS/TSA	Accepted	Virtual	X
Young	Jeremy				Declined	· -	
Zawacki	Lee				None	In Person	" X
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Advisory on the Application of Federal Laws to the Acquisition and Use of Technology to Detect and Mitigate Unmanned Aircraft Systems

August 2020

The Federal Aviation Administration (FAA), Department of Justice (DOJ), Federal Communications Commission (FCC), and Department of Homeland Security (DHS) are issuing an advisory guidance document to assist non-federal public and private entities interested in using technical tools, systems, and capabilities to detect and mitigate Unmanned Aircraft Systems (UAS). The advisory is intended to provide an overview of potentially applicable federal laws and regulations, as well as some factors relevant to whether those laws may apply to particular actions or systems.

Specifically, this advisory addresses two categories of federal laws that may apply to UAS detection and mitigation capabilities: (1) various provisions of the U.S. criminal code enforced by DOJ; and (2) federal laws and regulations administered by the FAA, DHS, and the FCC. The advisory does *not* address state and local laws, which UAS detection and mitigation capabilities may also implicate. Neither does it cover potential civil liability flowing from the use of UAS detection and mitigation technologies (*e.g.*, the potential liability from causing physical damage to persons or property as a result of mitigating a UAS threat, or civil liability and recovery for an unlawful interception of wire, oral, or electronic communications under 18 U.S.C. § 2520).

This advisory is provided for informational purposes only. It is strongly recommended that, prior to the testing, acquisition, installation, or use of UAS detection and/or mitigation systems, entities seek the advice of counsel experienced with both federal and state criminal, surveillance, and communications laws. Entities should conduct their own legal and technical analysis of each UAS detection and/or mitigation system and should not rely solely on vendors' representations of the systems' legality or functionality. As part of that analysis, entities should closely evaluate and consider whether the use of UAS detection and mitigation capabilities might impact the public's privacy, civil rights, and civil liberties. This is particularly important because potential legal prohibitions, as discussed below, are not based on broad classifications of systems (e.g., active versus passive, detection versus mitigation), but instead are based on the functionality of each system and the specific ways in which a system operates and is used. A thorough understanding of both applicable law and the systems' functionality will ensure important technologies designed to protect public safety, by detecting and/or mitigating UAS threats, are used effectively, responsibly, and legally.

I. Federal Criminal Laws

Congress has exclusively authorized the Departments of Defense, Energy, Justice, and Homeland Security to engage in limited UAS detection and mitigation activities to counter UAS presenting a credible threat to covered facilities or assets, notwithstanding certain otherwise potentially applicable federal criminal laws, including various laws relating to surveillance.¹ In addition, the FAA has been expressly authorized to engage in limited testing activities notwithstanding certain federal criminal surveillance laws.²

Because no other entities have been granted that authority, it is important that state, local, tribal and territorial (SLTT) and private sector entities without such statutory authority (including SLTT law enforcement organizations, SLTT governments, and owners and operators of critical infrastructure, stadiums, outdoor entertainment venues, airports, and other key sites) understand that federal laws may prevent, limit, or penalize the sale, possession, or use of UAS detection and mitigation capabilities.³ Capabilities for detecting and mitigating UAS may implicate federal criminal laws relating to surveillance, accessing or damaging computers, and damage to an aircraft. Below, the advisory sets out separately how detection and mitigation capabilities may implicate these laws.

A. Detection Capabilities

Systems that detect, monitor, or track UAS often rely on radio-frequency (RF), radar, electro-optical (EO), infrared (IR), or acoustic capabilities, or a combination thereof. These capabilities detect the physical presence of UAS or signals sent to or from the UAS. In general, whether a detection or tracking system implicates federal criminal surveillance laws, such as the Pen/Trap Statute and the Wiretap Act, depends on whether it captures, records, decodes, or intercepts, in whole or in part, electronic communications transmitted to and from a UAS and/or controller, and the type of communications involved. Detection systems that emit electromagnetic waves or pulses of sound or light that are reflected off an object and back to the detection system—such as radar, EO/IR, and acoustic systems—are less likely to pose concerns under federal criminal surveillance statutes. Such technology senses the sound or electromagnetic waves produced by or reflected from the UAS and does not capture, record, decode, or intercept electronic communications. However, the use of such systems must also comply with laws and regulations administered by the FCC and FAA, as discussed below.

By contrast, systems using RF capabilities to detect and track UAS by monitoring the communications passed between a UAS and its ground control station may implicate the Pen/Trap Statute and Wiretap Act.

• The Pen/Trap Statute, 18 U.S.C. §§ 3121-3127, criminalizes the "use" or "installation" of a "device" or "process" that "records," "decodes," or "captures" non-content⁴ dialing, routing, addressing, or signaling ("DRAS") information. DRAS information is non-content information used to transmit or process communications; depending on the system, this could include device serial numbers, cell site information, media access control (MAC) addresses, the international mobile equipment identity (IMEI), or the international mobile subscriber identity (IMSI). Use or installation of a pen register or trap and

¹ See 10 U.S.C. § 130i, 50 U.S.C. § 2661, and 6 U.S.C. § 124n.

² See 49 U.S.C. § 44810(g).

³ This advisory does not address the general authorities of public safety agencies, or specific actions they might take consistent with governing law, to protect the public in exigent circumstances.

⁴ While non-content is not defined, content is defined in footnote 7, *infra*.

trace device is prohibited, unless conducted pursuant to a court order or when a statutory exception applies.⁵ With respect to the Pen/Trap Statute, the exceptions state that they are limited only to providers of wire or electronic communication services.

- *Questions to consider:*
 - What information is the technology collecting (*e.g.*, UAS type, manufacturer, model, protocol, unique identifier, telemetry)?
 - Is the information DRAS or content?
 - Do any Pen/Trap exceptions apply?
- The Wiretap Act (also known as Title III), 18 U.S.C. §§ 2510 *et seq.*, prohibits, among other things, "intentionally intercept[ing]" the content of "any . . . electronic communication[,]" unless it is conducted pursuant to a court order or a statutory exception applies.⁶ An "electronic communication" is defined, with certain exceptions, as "any transfer of signs, signals, writing, images, sounds, data, or intelligence of any nature transmitted in whole or in part by a wire, radio, electromagnetic, photoelectronic or photooptical system that affects interstate or foreign commerce." *Id.* § 2510(12).



⁵ Law enforcement may use such devices with a court order, but can only obtain such an order in furtherance of an ongoing criminal investigation, *see* 18 U.S.C. § 3122(b)(2), and must use reasonably available technology that prevents the interception of the content of a communication. *See* 18 U.S.C. § 3121(c). Private actors are unable to obtain a court order under the Pen/Trap Statute and, therefore, must operate pursuant to one of the statute's exceptions. The Pen/Trap Statute and Wiretap Act do not contain identical exceptions. For example, while the Pen/Trap Statute includes an exception for use of a pen register or trap and trace device with the consent of a "user," it does not provide an exception based on the consent of a "party to the communication." *Compare* 18 U.S.C. § 3121(b)(3), *with* 18 U.S.C. § 2511(2)(c). In addition, the Pen/Trap Statute does not include an analogue to the Wiretap Act's exception allowing interception of electronic communications that are "readily accessible to the general public." *Id.* § 2511(2)(g)(i).

⁶ The Wiretap Act contains several exceptions to the blanket prohibition, including for operators and service providers, for uses "in the normal course of employment" that are a necessary incident to the rendition of services; for surveillance authorized under the Foreign Intelligence Surveillance Act of 1978; and where a party to the communication has given prior consent to such interception. *See*, e.g., 18 U.S.C. § 2511(2)(a)(i), (d) & (e). Law enforcement may also intercept communications without a court order in certain emergency situations, provided an application for an order is made within 48 hours of the interception. *Id.* § 2518(7).

- The Wiretap Act has an exception for the interception of electronic communications that are "readily accessible to the general public." *Id.* §2511(2)(g)(i). Section 2510(16) defines which radio communications do not fall into the foregoing exception. The Wiretap Act also has an exception for the interception of any radio communications that are transmitted "by any . . . aeronautical communications system." *Id.* § 2511(2)(g)(ii)(IV). UAS RF control systems may be considered "aeronautical communications systems" under the Act. However, existing case law raises questions as to the scope of both exceptions.⁷
- Questions to consider:
 - Are electronic communications being acquired?
 - Are any acquired communications transmitted by a system that affects interstate or foreign commerce (*e.g.*, a system that is connected to the Internet or a mobile network)?
 - Are any portions of the communications acquired by the technology "content?"⁸
 - Do any of the Wiretap Act's exceptions apply (*e.g.*, is the person intercepting the communications a party to the communication under 18 U.S.C. § 2511(2)(d))?
- 18 U.S.C. § 2512 generally prohibits the manufacture, assembly, possession, sale, advertisement, and distribution of devices that are "primarily useful for the surreptitious interception of wire, oral, or electronic communications." Section 2513 provides that any electronic, mechanical, or other device used, sent, carried, manufactured, assembled, possessed, sold, or advertised in violation of § 2512 may be seized and forfeited to the United States.

B. Mitigation Capabilities

Mitigation capabilities fall into two general categories: non-kinetic and kinetic. Non-kinetic solutions use non-physical measures to disrupt or disable UAS, including RF, WiFi, or Global Positioning System (GPS) jamming; spoofing; hacking techniques; and non-destructive directed energy weapons. Kinetic solutions may employ a variety of measures capable of physically disrupting or disabling a UAS, including nets, projectiles, and lasers. The use of non-kinetic or kinetic solutions may implicate federal criminal prohibitions against, among other things, intercepting and interfering with communications, damaging a "protected computer," and damaging an "aircraft." The term "aircraft" refers to "a civil, military or public contrivance invented, used, or designed to navigate, fly, or travel in the air." 18 U.S.C. § 31(a)(1). This definition is consistent with the meaning of "aircraft" in 49 U.S.C. § 40102(a)(6). In the FAA Reauthorization Act of 2018, Congress codified the term "unmanned aircraft" as "an aircraft that is operated without the possibility of direct human intervention from within or on the aircraft." 49 U.S.C. § 44801(11).

⁷ See Joffe v. Google Inc., 746 F.3d 920, 928-29 (9th Cir. 2013) (panel rehearing), cert. denied, 134 S. Ct. 2877 (2014).

⁸ Content is "any information concerning the substance, purport, or meaning of that communication." 18 U.S.C. § 2510(8). Importantly, machine-to-machine communications and data transfers between devices can be considered "content."

⁹ The statute exempts "officer[s], agent[s], or employee[s] of, or [] person[s] under contract with, the United States, a State, or a political subdivision thereof, in the normal course of the activities of the United States, a State, or a political subdivision thereof." 18 U.S.C. § 2512(2)(b).

¹⁰ The term "protected computer" includes any computer that is used in or affecting interstate or foreign commerce or communication, or that is used by or for a financial institution or the United States government. 18 U.S.C. §§ 1030(e)(1) & (2).

Jamming technologies are designed to block or interfere with authorized radio communications.¹¹ Examples of jamming include transmitting RF signals from a jammer at a higher "signal strength" than the RF signals being used to navigate or control the aircraft; preventing a cellular, WiFi, or Bluetooth-enabled device from connecting to a network (such as a cellular system or the Internet); or preventing a GPS unit from receiving positioning signals from a satellite. Spoofing technologies can replicate and replace or modify signals, and can lead to loss of control over the UAS's navigation and communications link (*e.g.*, its link to its ground controller). Hacking techniques generally focus on the UAS's communications link and/or the onboard computer processors.

Jamming, spoofing, and hacking technologies should be evaluated under the federal criminal statutes below (including the aircraft sabotage and aircraft piracy provisions), in addition to the laws discussed above with regard to detection. Because jamming and spoofing are also likely to implicate laws relating to the RF spectrum, parties should carefully review the information in Section II, below, as well.

- The Computer Fraud and Abuse Act (CFAA), 18 U.S.C. § 1030, among other things, prohibits intentionally accessing a "protected computer" without authorization and thereby obtaining information, or intentionally damaging a protected computer without authorization, including by transmitting a program, information, code, or command that causes such damage. The CFAA broadly defines the term "protected computer" in a manner that could include UAS control systems.
- <u>Interference with the Operation of a Satellite</u>, 18 U.S.C. § 1367, generally prohibits "obstruct[ing] or hinder[ing] any satellite transmission." Jamming, spoofing, degrading or otherwise interfering with GPS signals to a UAS or ground control station could be prohibited under this section, as well as jamming or interfering with any control signals sent to a UAS directly from a satellite.
- Communication Lines, Stations, or Systems, 18 U.S.C. § 1362, prohibits "willfully or maliciously injur[ing] or destroy[ing] . . . means of communication operated or controlled by the United States, or used or intended to be used for military or civil defense functions of the United States," as well as by "hinder[ing] or delay[ing] the transmission of any communication" over such means of communication. This statute could apply if UAS detection and/or mitigation operations willfully or maliciously degrade or otherwise hinder any frequency or transmissions, including cellular or WiFi signals, with a demonstrable use or intended use by the military or by SLTT law enforcement or emergency personnel engaged in civil defense functions.

Finally, it is possible for mitigation capabilities that destroy, seize, or exercise control of a UAS to implicate federal criminal laws that otherwise apply to "aircraft," as that term is statutorily defined. While all kinetic solutions will likely have one or more of these capabilities implicating those laws, non-kinetic solutions should also be evaluated for compliance.

¹¹ Authorized radio communications include radio communications operating pursuant to federal authorizations or FCC licenses and those operating without a license but pursuant to FCC rules.

¹² The statute exempts the "lawfully authorized investigative, protective, or intelligence activity of a law enforcement agency of the United States, a State, or a political subdivision of a State." 18 U.S.C. § 1030(f).

¹³ See id. § 1030(e)(1), (2).

¹⁴ The statute exempts "any lawfully authorized investigative, protective, or intelligence activity of a law enforcement agency or of an intelligence agency of the United States." *Id.* § 1367(b).



- The Aircraft Sabotage Act, 18 U.S.C. § 32(a), criminalizes certain destructive actions with respect to "aircraft," including damaging, destroying, or disabling those aircraft.
- The Aircraft Piracy Act, 49 U.S.C. § 46502, criminalizes the act of seizing or exercising control of an "aircraft" with "wrongful intent." An intent to seize or exercise control of an aircraft without the legal authorization to do so could involve wrongful intent.

II. Additional Federal Laws Relating to Aviation and Spectrum

In addition to implicating federal criminal laws, the acquisition, installation, testing, and use of UAS detection or mitigation technologies may implicate laws and regulations administered by the FAA and the FCC relating to aviation and RF spectrum. UAS response measures may also implicate existing aviation security laws and regulations administered by the Transportation Security Administration (TSA).

A. Laws Relating to Aviation Safety and Efficiency¹⁵

Non-federal entities should evaluate UAS detection activities for compliance with laws and regulations administered by the FAA, including but not limited to the following:

¹⁵ This subsection is limited to the discussion of UAS detection systems because, as previously indicated, only certain federal agencies have been expressly authorized by Congress to mitigate UAS notwithstanding certain federal laws. The FAA does not support the use of mitigation systems by any entities that do not have express authority from Congress.

- <u>Use of Airspace</u>. 49 U.S.C. § 40103 establishes a public right of transit through the navigable airspace and vests the FAA with authority to ensure the safety of aircraft and the efficient use of airspace. This includes ensuring that compliant aircraft (including UAS) may move through the airspace without improper interference. For example, detection systems may lead to the identification of both legitimate airspace users as well as unlawful activity. Additional analysis is necessary to identify whether an operation identified by a detection system is in violation of FAA regulation before engaging in an operational response. This also includes identifying and working to address any potential collateral impacts of detection technology or systems on the safe and efficient operation of the National Airspace System.
- <u>Airport Operating Certificates</u>. 49 U.S.C. § 44706, as implemented by 14 CFR Part 139, prescribes the rules governing the certification and operation of airports in the United States. Holders of Airport Operating Certificates issued under 14 CFR Part 139 must protect navigational aids. *See* 14 CFR § 139.333. Commercial service airport operators may also need to update the contents of their airport certification manuals to include operating procedures for the use of a UAS detection system. *See id.* § 139.203. Moreover, the installation or use of UAS detection systems by sponsors of commercial service airports may also implicate other regulatory requirements under CFR Title 14. The FAA has provided extensive information to airport sponsors, which can be accessed at: https://www.faa.gov/airports/airportsafety/#SafetyGuidance.
- Structures Interfering with Air Commerce. 49 U.S.C. § 44718, as implemented in 14 CFR Part 77, requires entities proposing construction or alteration of existing structures in the vicinity of an airport to provide the FAA with notice. See also FAA Order 7400.2M, Procedures for Handling Airspace Matters (Feb. 28, 2019). The required notice allows the FAA to conduct an aeronautical study of the potential for the proposed structure and any electromagnetic broadcast signals to create a hazard to air navigation, including interference with aircraft and navigational aids. Entities seeking to install or use equipment for UAS detection activities should also evaluate whether 14 CFR Part 77 requires them to provide the FAA with advance notice of proposed construction or alteration.
- Project Grant Application Approval Conditioned on Assurances About Airport Operations. 49 U.S.C. § 47107 establishes obligations for recipients of grant funds for an airport development project to maintain and operate airport facilities safely and efficiently and in accordance with specified conditions. Airports subject to such conditions may need to ensure that the installation or use of a UAS detection system does not introduce a hazard that cannot be mitigated, consistent with applicable grant assurance obligations, such as Grant Assurance 20, Hazard Removal and Mitigation. In addition, such airports may need to ensure that UAS detection systems and associated structures are accurately reflected in the Airport Layout Plan consistent with Grant Assurance 29, Airport Layout Plan.

For additional information concerning these laws, please contact the Office of National Security Programs and Incident Response at the FAA.

¹⁶ Non-federal entities are encouraged to independently validate the performance and characteristics of UAS detection systems being considered. Significant deviations between vendor claims and real world operation, including the potential for RF emissions and interference, have been observed by the FAA.

B. Laws Relating to Transportation/Airport Security

Through its broad authorities, the TSA oversees the implementation and ensures the adequacy "of security measures at airports and other transportation facilities." 49 U.S.C. § 114(f)(11). TSA may also take appropriate action to address threats, including coordination of security measures with other agencies and to impose requirements on transportation stakeholders, through regulations, security directives, emergency amendments, and security programs. *See* 49 U.S.C. § 114(f)(4) & (1)(1)-(2); 49 U.S.C. § 44932; 49 CFR § 1542.105(d), 1542.303, 1544.305, 1544.105(d), 1546.105(d).

Airports seeking to deploy, buy, or purchase UAS detection or mitigation systems should consider laws, regulations, and security requirements related to local aviation security response. For example, TSA regulations require each operator of an airport regularly serving air carriers to establish an air transportation security program (ASP). See 49 U.S.C. §§ 114 and 44903; 49 CFR Part 1542. Among other requirements, the ASP must provide law enforcement personnel in the number and manner adequate to support the program. 49 CFR § 1542.215. In addition, TSA's enforcement authorities include the ability of the Administrator, in consultation with the airport operator and law enforcement authorities, to order the deployment of personnel at any secure area of the airport to counter threats to aircraft and aircraft operations or to address national security concerns, such as those posed by UAS. 49 U.S.C. § 44903(h)(1).

For additional information or coordination, please contact your local TSA Federal Security Director.

C. Laws Relating to the Radiofrequency Spectrum

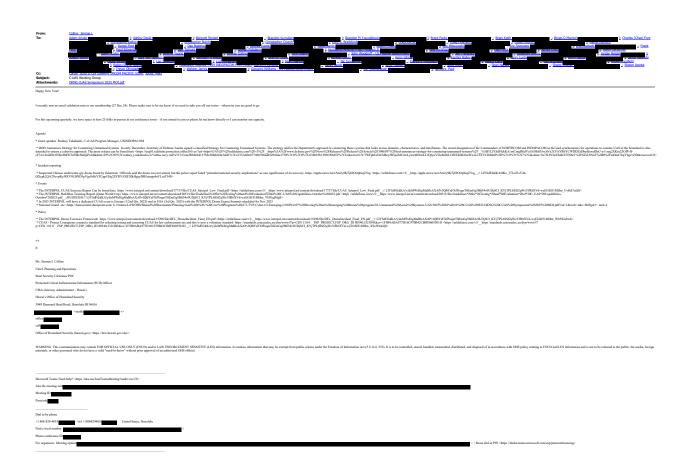
Any systems that involve emission of radio waves, including radar, must be evaluated for compliance with laws and regulations administered by the FCC, including but not limited to the following:

- <u>Authorizations for Use of Spectrum</u>. Authorized non-federal radio communications include unlicensed operations and operations on frequencies requiring individual licenses.
 - Transmissions on frequencies authorized for unlicensed operations, such as common WiFi and Bluetooth frequencies, do not require a license but may nevertheless implicate statutory or regulatory prohibitions against harmful interference as well as other requirements.
 - Operating on a frequency allocated for licensed private-sector use (such as on the bands used by mobile phones) is subject to licensing requirements and other regulation at the federal level. See 47 U.S.C. § 301.
 - For example, use of radar to detect UAS requires a Radiolocation Service license from the FCC. General guidance regarding how to prepare and file an application is available at https://www.fcc.gov/wireless/bureau-divisions/mobility-division/industrial-business/industrial-business-licensing. The application must identify the locations and frequencies where the applicant proposes to operate as well as provide other technical information. Equipment vendors may be able to assist with gathering this information. No prior frequency coordination is required, but if the applicant proposes to operate near a U.S. Government facility, it may wish to consult with appropriate Federal officials before applying in order to avoid having the application rejected when the FCC conducts its Federal coordination.

- Marketing, Sale, or Operation of Jammers. 47 U.S.C. § 302a prohibits most non-federal entities from manufacturing, importing, shipping, selling, or using devices that fail to comply with FCC regulations regarding devices that can interfere with radio reception, including transmitters designed to block, jam, or interfere with wireless communications. 47 U.S.C. § 302a(b).
- Interference with Radio Communications. 47 U.S.C. § 333 prohibits "willfully or maliciously interfer[ing] with or caus[ing] interference to any radio communications of any station licensed or authorized by [the FCC] or operated by the United States Government."

Guidance disclaimer: This advisory is provided for informational purposes only. Guidance documents, like this document, are not binding and lack the force and effect of law, unless expressly authorized by statute or expressly incorporated into a contract, grant, or cooperative agreement. Consistent with Executive Order 13891 and the Office of Management and Budget implementing memoranda, the issuing Departments will not cite, use, or rely on any guidance document that is not accessible through the issuing Departments' guidance portals, or similar guidance portals for other Executive Branch departments and agencies, except to establish historical facts. To the extent any guidance document sets out voluntary standards (e.g., recommended practices), compliance with those standards is voluntary, and noncompliance will not result in enforcement action. Guidance documents may be rescinded or modified in the issuing Departments' complete discretion, consistent with applicable laws.

9.95.300-UAS



OKLAHOMA ARMY NATIONAL GUARD

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JOINT FORCE HEADQUARTERS 3501 NE MILITARY CIRCLE OKLAHOMA CITY, OK 73111

NGOK-DMS 21 November 2024

MEMORANDUM FOR: SEE DISTRIBUTION

SUBJECT: Memorandum of Instruction, 2025 Oklahoma National Guard Unmanned Aerial Systems / Launched Effects Symposium

- 1. General: The Oklahoma National Guard and the Oklahoma Aerospace Institute for Research and Education (OAIRE) host the Unmanned Aerial Systems / Launched Effects Symposium on 21-22 January 2025 in Oklahoma City, Oklahoma.
- 2. Objective: The Symposium will bring together Academic, Industry, Department of Defense and Interagency experts to discuss defense capabilities, challenges, and opportunities in the future of UAS and Launched Effects.
- 3. Agenda: The Symposium will take place over two days. Day One of the event will be held at Oklahoma State University Hamm Institute for American Energy (300 NE 9th St., Oklahoma City, OK 73104). Day Two will be held in a classified setting at the 137th Special Operations Air Wing (Will Rogers Air National Guard Base, 7100 Terminal Drive, Oklahoma City, OK 73159). Security clearance will be required to attend Day Two.

Day One (Tuesday, 21 January 2025)

0800: Doors Open

0845: Welcome, Orientation & Introduction

0900 to 1130: Morning Presentations & Discussions

1130 to 1300: Lunch

1300 to 1600: Afternoon Presentations

1600 to 1800: Networking Event

Day Two (Wednesday, 22 January 2025)

0800: Doors Open

0845: Welcome, Orientation & Introduction 0900 to 1145: Presentations & Discussions

1145 to 1200: Closing Comments

4. Security Clearance Verification. All Day Two participants should have their respective security professionals complete the following instructions: Day Two briefings will be held at the SECRET level. Please ensure that all the principal attendees have a valid "US Access" SECRET clearance and are properly indoctrinated. Additionally, please ensure that valid

NDA/NDS/Attestation dates are documented in the Defense Information System for Security (DISS).

Memorandum of Instruction, 2025 Oklahoma National Guard Unmanned Aerial Systems / Launched Effects Symposium

Reason for Visit: UAS Symposium

Visit Access: Secret

First Day of Visit: 2025 01 22 Last Day of Visit: 2025 01 22

POC: Rian Keylon

POC Phone:

SSO Email:

Visited SMO: ANG 137 IP – INFO PROTECTION-ANG 137 IP-137

Additional Information: 2025 Oklahoma National Guard Unmanned Aerial Systems /

Launched Effects Symposium

For those outside the DoD:

Please include: "2025 Oklahoma National Guard Unmanned Aerial Systems / Launched

Effects Symposium" (in subject line)

Visit details: Full name Grade Title

Social security number Organization name

Address

Security clearance type

Issue date Visit details

Visit location:

Purpose: 2025 Oklahoma National Guard Unmanned Aerial Systems / Launched Effects Symposium

- 5. Transportation & Parking: Attendees are responsible for their travel from home station to lodging location, symposium venue, and any other necessary in/around travel.
- Uniform and Dress:
 - a. Military attendees: Duty Uniform or Business Casual
 - b. Civilian attendees: Business Casual

Memorandum of Instruction, 2025 Oklahoma National Guard Unmanned Aerial Systems / Launched Effects Symposium

7. Registration: To register for the Symposium please copy and paste the following into your browser. All interested attendees are welcome to attend Day One. If you have a Secret Clearance and are interested in attending the classified briefs on Day Two, please register for both days.

a. Day One Registration

Select the text link above or copy and paste the following URL:

https://www.eventbrite.com/e/2025-unmanned-aerial-systems-launched-effects-symposium-day-one-tickets-1082306149829

b. Day Two Registration

Select the text link above or copy and paste the following URL:

https://www.eventbrite.com/e/2025-unmanned-aerial-systems-launched-effects-symposium-day-two-tickets-1090024234829?aff=oddtdtcreator

8. Point of Contact for additional information is Mr. Adam Headrick (J5 Plans) at

SHANE I. RILEY COL, IN Director, UAS / LE



OKLAHOMA ARMY NATIONAL GUARD

STATES OF PARTY.

JOINT FORCE HEADQUARTERS 3501 NE MILITARY CIRCLE OKLAHOMA CITY, OK 73111

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1145 to 1200: Closing Comments

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Visit Access: Secret

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POC: Rian Keylon

POC Phone:

SSO Email:

Visited SMO: ANG 137 IP – INFO PROTECTION-ANG 137 IP-137

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Launched Effects Symposium

For those outside the DoD:

Please include: "2025 Oklahoma National Guard Unmanned Aerial Systems / Launched

Effects Symposium" (in subject line)

Visit details: Full name Grade

Social security number Organization name

Address

Title

Security clearance type

Issue date Visit details

Visit location:

Purpose: 2025 Oklahoma National Guard Unmanned Aerial Systems / Launched Effects Symposium

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https://www.eventbrite.com/e/2025-unmanned-aerial-systems-launched-effects-symposium-day-one-tickets-1082306149829

b. Day Two Registration

Select the text link above or copy and paste the following URL:

https://www.eventbrite.com/e/2025-unmanned-aerial-systems-launched-effects-symposium-day-two-tickets-1090024234829?aff=oddtdtcreator

8. Point of Contact for additional information is Mr. Adam Headrick (J5 Plans) at

SHANE I. RILEY COL, IN Director, UAS / LE From: Collins, Jimmie L
To:



For this upcoming quarterly, we have space to host 25 folks in-person at our conference room (in the location block above) – if you intend to join us in person please let me know directly so I can monitor our capacity.

Notional Agenda (pending speaker confirmations):

* Guest speaker(s):

Subject:

Attachments:

- * [tentative] DHS/CISA HQ
- * [tentative] John Abbey SafeFlight update
- * [tentative] FBI
- * Incident reporting: Reference attached.
- * Events/Training:
- * Policy: Prior to our meeting I will reach out to working group members to solicit interested parties for further development of the below lines of effort from previous meeting and will save space here for dialogue on agreeable path forward to pursue
- * Policy: What topics require intergovernmental leadership dialogue, what leaders/organizations should be engaged, what policies/laws are needed?
- * Reporting/investigations: what actions/activities will increase air domain awareness, what mechanisms are in place or are needed to be put in place to facilitate compiling and sharing 'the' threat picture, what protocol(s) are needed, what public education can be mounted to diminish instances of 'nuisance' non-nefarious activities?
- * Response Planning: what are the key stakeholder agencies in response, who can action (and can action what/where), what is an appropriate concept of operations?
- * News:
- * Other/Open Discussion:
- * Conclusion:

V/I

jc

Ms. Jimmie L Collins

Chief, Planning and Operations

State Security Clearance POC

Protected Critical Infrastructure Information (PCII) Officer

CISA Gateway Administrator - Hawai'i

Hawai'i Office of Homeland Security

3949 Diamond Head Road, Honolulu HI 96816

office:

cell:

Office of Homeland Security (hawaii.gov) https://law.hawaii.gov/ohs/

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HSI does not have an open investigation in reference to the below.

Please let me know if there is anything else you need.

David J. Colafati

Intelligence Group Supervisor
Homeland Security Investigations

HSI Honolulu

From: HSFC <hsfc@heweii.gov> Sent: Fridey, February 28, 2025 11:40 AM To: Colefeti, Devid CC: HSFC <hsfc@heweii.gov>; Beggs, Kevin L

> am Operation Targeting Hawaii's Tourism Industry Subject: Re: Urgent Alert: Organized Chines

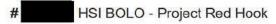
CAUTION: This email originated from outside of DNS, DO NOT click links or open attachments unless you recognize and/or trust the sender. Please use the Cofense Report Philiphing button to report. If the button is not present, click here, and follow instructions.

Acting Chief David Colafati

Good morning, sir,

Thank you for taking my call today. As we discussed, we are sharing the below tip regarding alleged financial fraud activity being observed in Honolulu.

The attachment is the flyer enclosed in the HSIN Exchange RFI:



LA-SAFE is disseminating the attached BOLO to Fusion Centers nationwide on behalf of HSI. Questions can be directed to Homeland Security Investigations (HSI) at GCFraud@hsi.chs.gov or (800-973-2867) / 800-X-Sector.

I called the number above this morning and was directed to reach out to our local HSI Field Office for information/matters concerning the BQLO. The HSFC is interested in producing and distributing a Situation Awareness Bulletin for our LE and Private Sector stakeholders. We will wait for further information before doing so.

Very respectfully,

C. Dale Clites Operations / Intellisence Analyst

Hawaii State Fusion Center



WARNING: This communication may contain FOR OFFICIAL USE ONLY (FOUO) and/or LAW ENFORCEMENT SENSITIVE (LES) information. It contains information that may be exempt from public release under the Freedom of Information Act (S U.S.G. 552). It is to be controlled, stored, handled, transmitted, distribute d of in accordance with OHS policy relating to FOUO and LES information and is not to be released to the public, the media, foreign nationals, or other personnel who do not have a valid "need-to-know" without prior approval of an authorized OHS official.

From: Baggs, Kevin L Sent: Tuesday, February 25, 2025 4:57 PM

To: HSFO chatch Phasa I goo
Subject: FW: Urgent Alert: Organized Chinese Social Network Scam Operation Targeting Hawaii's Tourism Industry

Hi all

See below as a local vendor reported the scam outlined below to the leaves as a local vendor reported it on to me.

ized Chinese Social Network Scam Operation Targeting Hawaii's Tourism Industry

Aloha, e Kevin,

Thank you for taking my call and helping us appropriately vet and share the concern from one of our tour operators customers.



Notice: The information contained in this email may be confidential and privileged. If you are not the intended recipient, please be advised that any use or distribution of this communication is prohibited, please immediately notify the sender by return email, and delete this email, any attachments, and all copies

From: Sent: Friday, February 21, 2025 6:56 PM

To: Subject: Urgent Alert: Organized Chinese Social Network Scam Operation Targeting Hawaii's Tourism Industry

Aloha e

Have you heard more and more local businesses are complaining about fraudulent chargebacks? My name is an allocal business owner representing the hawaif, located on Oahu. I am reaching out to request a substance in raising broader awareness about an increasingly sophisticated scam operation targeting Hawair's coursm industry.

It is my kuleana to share with you my findings. Orchestrated through the Chinese social media platforms "Little Redbook" (小紅事) and "RedNotes," these fraudulent operations illegally sell heavily discounted tours and tickets—radically below market rates—for various attractions, including state park entries, Pearl Harbor, whale watching tours, snorkeling tours, scuba tours, and other activities on behalf of local Hawaiian tour operators and even state—operated visitor sites.

How the Scam Works:

- 1. Bait & Payment: Chinese consumers are lured by radically discounted tours and entry tickets advertised on the Little Redbook (小紅书) app and make payments directly to scammers via Chinese cash apps. They provide their legal name and contact information under the impression that they are securing a legitimate booking.
- 2. Booking Process: After receiving payment, the scammer books directly through a legitimate Hawaii tour operator's online booking system (e.g., FareHarbor).
- - Before making the online booking, the scammer adds the Chinese consumer as an authorized user on their credit card.

 - The scammer then completes the booking using their own credit card but in the Chinese consumer's legal name.
 This ensures that the booking system records the Chinese consumer's name and the last four digits of the credit card, making the transaction appear legitimate.
- 4. Confirmation & Service Delivery: The Chinese consumer receives a real booking confirmation email with the tour operator's actual prices, making them believe they secured a great deal.
- 5. Tour Participation: The Chinese consumer checks in and completes the tour as if it were a standard booking.
- 6. Post-Tour Chargeback Scam:
 - After the tour is completed, the scammer removes the Chinese consumer as an authorized user on their credit card.
 The scammer then files a fraudulent chargeback dispute with their Chinese credit card company, claiming the purchase was unauthorized.
- 7. Financial Loss to Local Operators:
 - Since the booking was made under the Chinese consumer's real name, tour operators have no way to detect the fraud beforehand.
 - In nearly all Cases, the Chinese credit card companies side with the scammer, leaving Hawaii's load businesses responsible for
 In 2024 alone, e for chargeback losses.

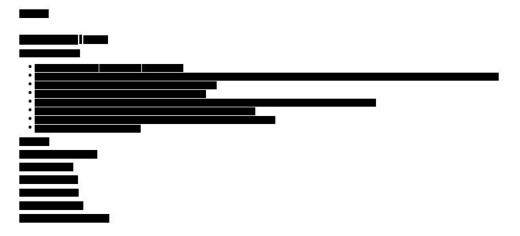
It is also evident that online tutorials are being provided to Chinese consumers, instructing them on how to exploit this scam process effectively. These guides walk them through every step, from purchasing discounted tickets on the Little Redbook (小紅书) app to filing fraudulent chargeback claims after the tour is completed.

This organized scheme is not just an isolated scam but a systematic and well-documented fraud operation, actively teaching consumers how to cheat Hawaii's tourism businesses without consequences. This sophisticated scam operation is severely impacting Hawaii's tourism businesses. We need urgent action and awareness to protect local operators from these fraudulent schemes.

This scam not only undermines legitimate businesses but also poses significant risks to consumers who may unknowingly purchase invalid or unauthorized tickets. Given the increasing scale and sophistication of these fraudulent activities, I urge to investigate and take appropriate measures to protect Hawaii's tourism industry and visitors from falling victim to these deceptive schemes.

Please let me know how we can collaborate to address this issue effectively. I appreciate your time and attention to this urgent matter. I have collected data, emails, screen shots and documents that fully sustain the claim and urgency. To protect the consumer privacy and who has supported the investigation, I am happy to provide all proof to the upon further requests.

I have also reported this to the Hawaii local FBI office under IC3.



Happy Connecting on Linkedin

From: HSEC
To:
Ce: IDST_STROOK_EART_L
Subject: Re: Ulport Ainst* Chiese Social Network Scarm Operation Targeting Hawai's Tourism Indus
Triday, February 28, 2025 11:39:54 AM
Impag. png
Impag. png

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Very respectfully,

C. Dale Clites Operations / Intelligence Analyst Work Cell

Hawaii State Fusion Center hsfc@hawaii.gov https://hsfc.hawaii.gov



"If you see something, Say something" TM

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From: Baggs, Kevin L * Sent: Tuesday, February 25, 2025 4:57 PM
Sent. Lussuay, retrically 23, 2023 4:37 PM TO: HSPC-GNE(phawaii; gov)
Subject: FW: Urgent Alert: Organized Chinese Social Network Scam Operation Targeting Hawaii's Tourism Industry
Hi all,
See below as a local vendor reported the scam outlined below to the
Kevin
From Sent: Monday, February 24, 2025 9:27 AM
To: Baggs, Kevin L * Subject: [EXTERNAL] FW: Urgent Alert: Organized Chinese Social Network Scam Operation Targeting Hawaii's Tourism Industry
Importance: High
Aloha, e Kevin,
Thank you for taking my call and helping us appropriately vet and share the concern from one of our tour operators. Thank you folks have any questions or one of the agencies need to follow up she is willing to help and its
happened to more than one of their customers.
Mahalo,



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 - o In nearly all cases, the Chinese credit card companies side with the scammer, leaving Hawaii's local businesses responsible for chargeback losses.

o In 2024 alone, lost 12 disputes, despite providing clear evidence, contracts, and proof of service delivery.

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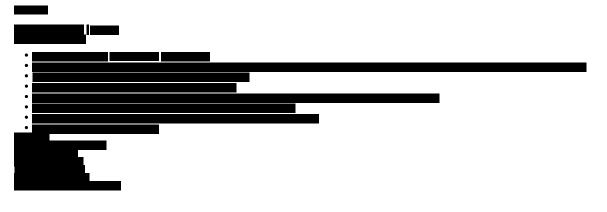
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Happy Connecting on

is the principal investigative arm of the U.S. Department of Homeland Security, responsible for combating transnational criminal organizations that exploit the global infrastructure through which trade, travel, and finance move.



BOLO



Project Red Hook

An HSI-led, nationwide initiative targeting the abuse of retail gift cards by organized crime groups emanating from the People's Republic of China (PRC) to generate capital for illicit underground banking activities and black-market financial exchange.

Types of Gift Card Fraud

- Card Tampering: Criminals steals gift cards then manipulate gift card packaging to steal the card information before the card is sold.
- Online Attacks: Criminals gain access to online gift card accounts through phishing or hacking or tap to pay schemes.
- Victim-Assisted Fraud: This involves telemarketing groups tricking individuals via phone or online into purchasing gift cards and sharing the redemption codes with the criminals.

Recommended Actions & Procedures

- Ensure gift card fraud is a priority given the severity of the crime.
- Educate law enforcement teams about gift card fraud immediately.
- Coordinate investigation, arrest, and prosecution with retailers and brands.
- After an arrest occurs, share case information with HSI at GCFraud@hsi.dhs.gov.

Laken Riley Act

If you are involved in a gift card fraud case and believe the suspect in question is presently in the country illegally and has been charged with, arrested for, convicted of, or admits to having committed acts that constitute the essential elements of burglary, theft, larceny, or shoplifting, please make contact with your local HSI office at 1-800-X-Sector and reference Project Red Hook.

Collaboration

Through collaboration, we can drastically disrupt and eliminate gift card fraud. For more information:

- Contact your local HSI field office
- · Email GCFraud@hsi.dhs.gov
- Call 1-800-X-Sector (24/7 assistance)

Scan to learn more about Project Red Hook



From: Colafati, David Flores, David C; "Baggs, Kevin L ; Beattie, Patricia A; "Bobbitt, Renae - GOV" To: "Gary Yabuta - Hawaii HIDTA GOV" < KIKKAWA, SCOTT K; "Hallstrom, David - GOV" ; Huerta, Jonathan (Jon) CIV USCG SEC HONOLULU (USA); LAU CHU vacki, Lee; Ganzoriq, Toqtokhbayar; Ammons, Christian]; Agustin, Heather R; Kaneko, John M (CTR); Ko, Christopher E; Arline III, Napoleon; Fejeran Jr, Robert J; Ward, James H; Beyer, John E; Musso, Erin E; Quintanilla, Meilani L; Duenas, Cristin S; Yoshinaga, Reyn A; Albert, Mary K P; Lansangan, Michael D; Dai, Laura L.V; Faulkner, Ryan K; Cabral-DeArmas, Lucia; Smith, Ryan T; Fujimoto, Kipp K; Waddell, Charles L; Albert, Mary K P; Beagle III, James R; Chambers, James A; Duenas, John S; Faulkner, Ryan K; Flores, Connie M; Harahap, Isra D; Quintanilla, Meilani L; Ramirez, Robert D; Steele, Isaac M; Yoshinaga, Reyn A; Young, Ivan K; Flores, Connie M; Tapia, Victoria A; Duenas, Cristin S; Lorenzo, Gracelyn M; Arzamendi, Mario Subject: [EXTERNAL] RE: HSI Honolulu Quarterly Intel Brief - April 17, 2025 Thursday, April 17, 2025 12:44:51 PM Date:

Here is the MS Teams link.

HSI Honolulu Quarterly Intel Brief - April 17, 2025, 1430 (HST) Join the meeting now

Dave

David J. Colafati

Intelligence Group Supervisor

Homeland Security Investigations

HSI Honolulu

Phone:

From: Colafati, David Sent: Thursday, April 17, 2025 12:41 PM To: Flores, David C < >; 'Baggs, Kevin L' < >; Beattie, Patricia A < >; 'Bobbitt, Renae -GOV' < >; Brehm, Kelly B >; Charley, Jay O >; Butler, Rhett < >; Fillmore, Mark W < Dubrall, Jesse L < 'Gary Yabuta - Hawaii HIDTA >; 'Gantt, Racquel A. -GOV' < >; KIKKAWA, SCOTT K < >; 'Hallstrom, David -GOV' < >; Huerta, Jonathan (Jon) CIV USCG SEC HONOLULU (USA) ->; LAU CHUNG-YAN < >; 'Richard >; Witt' < >; Robinson, Jennifer N LT USCG SEC HONOLULU



Subject: HSI Honolulu Quarterly Intel Brief - April 17, 2025

Reminder – The HSI Honolulu Quarterly Intel Brief is being held today via MS Teams at 1430 (HST). The entire brief is UNCLASSIFIED//LAW ENFORCEMENT SENSITIVE. Topics include:

- Impact of Illegal Immigration on the HSI Honolulu AOR
- Signal App Communication Vulnerability
- Ransomware As A Service (RaaS) Palau
- Critical Bottlenecks: Impact of Increased HSI Tip Line Volume

If your schedule permits please join us. We look forward to seeing you there.

David J. Colafati

Intelligence Group Supervisor Homeland Security Investigations HSI Honolulu

Phone:

Colafati, David From: Flores, David C; "Baggs, Kevin ; Beattie, Patricia A; "Bobbitt, Renae - GOV To: SCOTT K; "Hallstrom, David - GOV ; Huerta, Jonathan (Jon) CIV USCG SEC Ward, James H; Beyer, John E; Musso, Erin E; Quintanilla, Meilani L; Duenas, Cristin S; Yoshinaga, Reyn A; <u> Albert, Mary K P; Lansangan, Michael D; Dai, Laura L.V; Faulkner, Ryan K; Cabral-DeArmas, Lucia; Smith, Ryan</u> T; Fujimoto, Kipp K; Waddell, Charles L; Albert, Mary K P; Beagle III, James R; Chambers, John S; Faulkner, Ryan K; Flores, Connie M; Harahap, Isra D; Quintanilla, Meilani L; Ramirez, Robert D; Steele Isaac M; Yoshinaga, Reyn A; Young, Ivan K; Flores, Connie M; Tapia, Victoria A; Duenas, Cristin S; Lorenzo, Gracelyn M; Arzamendi, Mario Subject: [EXTERNAL] HSI Honolulu Quarterly Intel Brief - April 17, 2025 Thursday, April 17, 2025 12:41:11 PM Date:

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- Critical Bottlenecks: Impact of Increased HSI Tip Line Volume

If your schedule permits please join us. We look forward to seeing you there.

David J. Colafati

Intelligence Group Supervisor Homeland Security Investigations HSI Honolulu

Phone:

From: HSI, Honolulu Intel Notices

To: #ICE-HSI-INTEL SIP- Honolulu; "Baggs, Kevin L"; Beattie, Patricia A; "Bobbitt, Renae - GOV"; Brehm, Kelly B;

Butler, Rhett; Charley, Jay O; ' "; Dubrall, Jesse L; Fillmore, Mark W; "Gary Yabuta - Hawaii HIDTA (", "Gantt, Racquel A. - GOV"; ' "; KIKKAWA, SCOTT K" "; Huerta, Jonathan (Jon) CIV USCG SEC HONOLULU

(USA); LAU CHUNG-YAN; ' "Richard Witt"; Robinson, Jennifer N LT USCG SEC HONOLULU (USA

Woodruff, John; Strandhagen, Joh; Nakamoto, Shannon K; Luevano, Eugene;

Zawacki, Lee; Ganzoriq, Toqtokhbayar; Ammons, Christian J

Subject: [EXTERNAL] Reminder --> HSI Quarterly Intel Brief this Thursday

Date: Tuesday, January 14, 2025 12:20:19 PM
Attachments: image002.png

image002.pnq image003.pnq image004.pnq

A friendly reminder to please join us for our Quarterly Intelligence Brief, via Microsoft Teams on Thursday January 16th. The briefs are held the third Thursday, every 3 months, 2:30-3:30 PM. The briefings will be unclassified, and topics are announced a week prior.

This month's topics are:

- Vehicle Threats: Law enforcement awareness on the use of the vehicles for acts of terrorism.
- Phone Porting/SIM Swap Scam: An exploration of the scam, along with strategies to protect yourself.
- Deed Fraud: An examination of deed fraud trends and preventive measures.
- Pink Cocaine: A new street drug that has appeared in Hawaii in the recent months.
- Salt Typhoon: A state-sponsored Advanced Persistent Threat (APT) group likely operating under the direction of the Chinese Ministry of State Security (MSS).

If you ever have information you would like to share with the group during any of the briefs, please reach out and let me know and we can add you to that month's schedule to brief.

Thank you,

Paige V. Barry Chavez

Chief Intelligence Officer

Hawaii | Guam | CNMI

American Samoa | COFA Nations

Homeland Security Investigations | HSI Honolulu 595 Ala Moana BLVD | Honolulu, Hawaii 96813



From: **HSI HONOLULU INTEL** >; Beattie, Patricia A; "Bobbitt, Renae -Cc: #HSI Honolulu AOR-ALL; "Baggs, Kevin L" GOV" < >; Brehm, Kelly B; Butler, Rhett; Charley, Jay O; <u>"; Dubrall, Jess</u> <u>"Gantt, Racquel A. - GOV" <</u> e L; Fillmore, Mark W; "Gary Yabuta - Hawaii HIDTA SCOTT K; "Hallstrom, David - GOV" < "; Huerta, Jonathan (Jon) CIV USCG SEC HONOLULU (USA); LAU CHUNG-YAN; "; "Richard Witt" < ; Robinson, Jenniter N LT USCG SEC HONOLULU (USA); "; Woodruff, John; Strandhagen, Joh; Nakamoto, Shannon K; Luevano, Eugen ; Zawacki, Lee; Ganzoriq, Togtokhbayar; Ammons, Christian J Subject: HSI Honolulu Quarterly Intel Brief Attachments: image001.png image002.png image003.png I would like to invite you to please join us for our 2025 Quarterly Intelligence Briefs, via Microsoft Teams. They are held the third Thursday, every 3 months, 2:30-3:30 PM. The briefings will be unclassified, and topics are announced a week prior. The 2025 dates are as follows: January 16, 2025 April 17, 2025 July 17, 2025 October 16, 2025 If you ever have information you would like to share with the group during any of the briefs, please reach out and let me know and we can add you to that month's schedule to brief. Thank you, Paige V. Barry Chavez Chief Intelligence Officer Hawaii | Guam | CNMI American Samoa | COFA Nations Homeland Security Investigations |HSI Honolulu 595 Ala Moana BLVD | Honolulu, Hawaii 96813 <mailto: HSDN: C-LAN: <mailto: Microsoft Teams Need help? < Join the meeting now <

Meeting ID:		
Passcode:		
-		
For organizers: Meeting options		

Baggs, Kevin L HSI HONOLULU INTEL Accepted: HSI Honolulu Quarterly Intel Brief From: To:

Subject:

 From:
 Ward, James H

 To:
 Baggs, Kevin L

 Cc:
 Colafati, David

Subject: [EXTERNAL] RE: Greetings old friend

Date: Friday, February 21, 2025 3:57:06 PM

Attachments: GTO Hawaii Addresses.xlsx

Hi Kevin,

I've obtained the list of addresses.

The key question now is whether the data can be disclosed to your intended audience. Please refer to the BSA Warning statement below for guidance. If your briefing audience consists entirely of law enforcement personnel, there shouldn't be an issue. However, if you're presenting to private sector individuals, you will likely need to sanitize the information and discuss it in broader terms (e.g., no maps, specific addresses, etc.).

If the audience does not meet the below criteria, you can still discuss the information in general terms. In such cases, you would need to contact FinCEN through their help/contact us website to obtain their approval. I have done this in the past and received permission to present overview statistics without disclosing specific details of financial reports to non-law enforcement personnel.

(U//LES) **BSA Warning:** The enclosed information was collected and disseminated under provisions of the Bank Secrecy Act (BSA) and U.S. Department of the Treasury regulations implementing the BSA. See 31 U.S.C. 5311, et seq.; 31 CFR Chapter X. The information is sensitive in nature and is to be treated accordingly. **The information may be used only for a purpose consistent with a criminal, tax, or regulatory investigation or proceeding, or in the conduct of intelligence or counterintelligence activities, including analysis, to protect against international terrorism. See 31 U.S.C. 5311. The information cannot be further released, disseminated, disclosed, or transmitted without prior approval of the Director of Financial Crimes Enforcement Network or his authorized delegate. Suspicious activity reports filed under the BSA must be treated with particular care given that they contain unsubstantiated allegations of possible criminal activity, akin to confidential informant tips. Unauthorized release of information collected under the BSA may result in criminal or civil sanctions.**

James H. Ward

Criminal Analyst
Homeland Security Investigations
HSI Honolulu

Phone:

From: Baggs, Kevin L < Sent: Friday, February 21, 2025 2:36 PM

To: Ward, James H <

Subject: RE: Greetings old friend

CAUTION: This email originated from outside of DHS. DO NOT click links or open attachments unless you recognize and/or trust the sender. Please use the Cofense Report Phishing button to report. If the button is not present, click here.and.org/nct/here.and.org/ follow instructions.

Don't want to create work. Is there some open source reporting that you may have run across.. is just a side point to the how widespread the threats are and from all fronts even real estate..... My presentation is March 5th

From: Ward, James H <
Sent: Friday, February 21, 2025 2:33 PM
To: Baggs, Kevin L <
Cc: Colafati, David <
Subject: [EXTERNAL] RE: Greetings old friend

Hey Kevin!

I definitely miss my detail over at the fusion center. That was allot of fun.

I believe you're referring to my Real Estate Geographic Targeting Order (REGTO aka GTO) analysis.

I might be able to plot the Hawaii addresses on a map which you guys could then cross reference with a critical infostructure map with

When would you need this product by?

James H. Ward

Phone:

Criminal Analyst Homeland Security Investigations HSI Honolulu

From: Baggs, Kevin L < Sent: Friday, February 21, 2025 2:23 PM

To: Ward, James H <

Subject: Greetings old friend

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Kevin

 From:
 Ward, James H

 To:
 Baggs, Kevin L

 Cc:
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From: Ward, James H
To: Baggs, Kevin L

Subject: [EXTERNAL] RE: Greetings old friend

Date: Friday, February 21, 2025 3:22:29 PM

I just tried calling

Give me a buzz when you get a minute and we can talk about the GTO.

James H. Ward

Criminal Analyst Homeland Security Investigations

HSI Honolulu

Phone:

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Hey Kevin!

I definitely miss my detail over at the fusion center. That was allot of fun.

I believe you're referring to my Real Estate Geographic Targeting Order (REGTO aka GTO) analysis.

I might be able to plot the Hawaii addresses on a map which you guys could then cross reference with a critical infostructure map with

When would you need this product by?

James H. Ward

Criminal Analyst Homeland Security Investigations HSI Honolulu

Phone:

From: Baggs, Kevin L <

Sent: Friday, February 21, 2025 2:23 PM

To: Ward, James H <

Subject: Greetings old friend

CAUTION: This email originated from outside of DHS. DO NOT click links or open attachments unless you recognize and/or trust the sender. Please use the Cofense Report Phishing button to report. If the button is not present, click here and follow instructions.

James,

Hope all is well. We miss you at the fusion center! Come back and visit and perhaps some junpuu. Anyways I was wondering if I could ask a favor. You did a presentation on countries of concern purchasing land in US and even HI. Trying to remember if some of the concern was related to the land purchased being in proximity to critical infrastructure. I am doing a threat brief on March 5th on the threat landscape to critical infrastructure and thought I would include a bit on suspicious or concerning purchases of land near CI. Do you have anything open source you can share with me on this. If my memory of your presentation is off then I apologize for being old and clearly memory challenged. Ha

Kevin

From:
To:
Cc:
Forthofer, Molly
Forthofer,

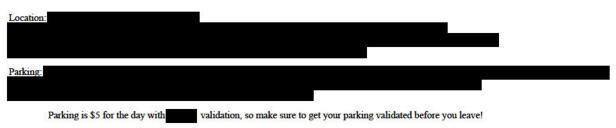
Aloha, fellow analysts!

I am sending this as a reminder for Thursday's HI AOR Analyst Meeting. Please don't hesitate to reach out with any questions or concerns.

Thank you all who came to the January HI Analyst AOR meeting! Lots of great information exchange and a wonderful briefing by Maria Merry with C&C DTS. Here is the calendar invite for the next quarterly meeting. I have blocked off 0900-1100 on 15 May 2025 in the Please let me know if you have any specific topics you're interested in learning about or questions you would like me to pose to the group, otherwise the main goal of the meeting is to get together to talk/share information. If you would like to invite additional analysts not included in this list, please let me know and I can share the invite with them. I hope to see you all there!

If anyone would like to brief or know someone who can brief a topic of interest to the group, we are happy to host them. It appears everyone enjoyed the last briefing! As always, let me know if you need anything and don't hesitate to reach out with questions.

Date: 15 May 2025 Time: 0900-1100



Here are the upcoming meeting dates for 2025 in case you want to block off your calendar now:

14 August 2025

13 November 2025

Time: 0930-1130

For our neighbor island/Guam analysts, below is the MS Teams link for the session:

Microsoft Teams Need help? https://aka.ms/JoinTeamsMeeting?omkt=en-US

Join the meeting now ≤

Meeting ID:

Passcode:
Dial in by phone
+1 808-829-4853, United States, Honolulu
Find a local number <
Phone conference ID:
For organizers: Meeting options
Reset dial-in PIN https://dialin.teams.microsoft.com/usp/pstnconferencing Respectfully,
Molly Forthofer
Lead Intelligence Analyst
(personal)
(main) <mailto:< td=""></mailto:<>
Hawai'i State Fusion Center
(Cell)

Submit Tips / Leads at https://hsfc.hawaii.gov/tips https://hsfc.hawaii.gov/tips

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From: Ko, Christopher E
To: Forthofer, Molly

Subject: [EXTERNAL] RE: Protest on 2/5
Date: Monday, February 3, 2025 9:32:16 AM

Attachments: <u>image002.jpq</u> <u>image003.pnq</u>

Thanks Molly.

Thanks.

Christopher Ko

Criminal Analyst HSI Honolulu

Phone:

Email: (unclass)
Email: (classified)



From: Forthofer, Molly <

Sent: Monday, February 3, 2025 9:28 AM

To: Ko, Christopher E <

Cc: HSFC < > > Subject: RE: Protest on 2/5

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UNCLASSIFIED//LAW ENFORCEMENT SENSITIVE

HSFC Reference Number:

Good morning!

The HSFC is tracking, but we have



Please let me know if we can do anything else to be of assistance.

Respectfully,

Molly Forthofer

Lead Intelligence Analyst



Submit Tips / Leads at https://hawaiifusioncenter.org/

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From: Ko, Christopher E < Sent: Monday, February 3, 2025 7:26 AM

To: Forthofer, Molly <

Subject: [EXTERNAL] Protest on 2/5

Morning,

Are you tracking anything on this protest? My Supervisor saw this post on Reddit. Thanks.

Thanks, Christopher Ko Criminal Analyst HSI Honolulu Phone:

From: Forthofer, Molly
To: Ko, Christopher E

Cc: HSFC

Subject: RE: Protest on 2/5

Date: Monday, February 3, 2025 9:27:00 AM

Attachments: <u>image001.png</u>

UNCLASSIFIED//LAW ENFORCEMENT SENSITIVE

HSFC Reference Number:
Good morning!
The HSFC is tracking, but we have . We will .
Please let me know if we can do anything else to be of assistance.
Respectfully, Molly Forthofer Lead Intelligence Analyst (personal) (main) Hawai'i State Fusion Center (Cell)

Submit Tips / Leads at https://hsfc.hawaii.gov or https://hawaiifusioncenter.org/

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approval of an authorized OHS official.

From: Ko, Christopher E <

Sent: Monday, February 3, 2025 7:26 AM

To: Forthofer, Molly <

Subject: [EXTERNAL] Protest on 2/5

Morning,

Are you tracking anything on this protest? My Supervisor saw this post on Reddit.

Thanks.

Thanks, Christopher Ko Criminal Analyst HSI Honolulu

Phone:

From: Ko, Christopher E

To: Forthofer, Molly

Subject: [EXTERNAL] Protest on 2/5

Date: Monday, February 3, 2025 7:26:42 AM

Attachments: <u>IMG 0034.PNG</u>

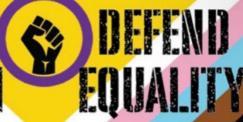
Morning,

Are you tracking anything on this protest? My Supervisor saw this post on Reddit. Thanks.

Thanks, Christopher Ko Criminal Analyst HSI Honolulu

Phone:

REJECT EASCISW



NO TO CONCENTRATION CAMPS NO TO

ILLEGAL ICE RAIDS
AND DEPORTATIONS

NO TO TRANSPHOBIA AND HOMOPHOBIA

THEN THEY CAME FOR THE JEWS, AND I DID NOT SPEAK OUT—

BECAUSE I WAS NOT A JEW.

THEN THEY CAME FOR ME—AND THERE WAS NO ONE LEFT TO SPEAK FOR ME 50 PROTESTS
50 STATES
1 DAY

12PM FEBRUARY 5TH 2025 AT YOUR STATE CAPITAL



R/50501

From: Forthofer, Molly Cc: Clites, Clarence D; Fortnorer, Molly; ; Kickiand, Patricia; Sellers, David G; ; Baggs, Kevin L; ; Robinson, Jane E. (HN) (FBI); O'Connell, Maureen E; ; Hiraoka, Victoria A; Higbee, Scott M CIV USCG SEC HONOLULU (USA); Burke, Kelly S CIV (USA) Subject: HI AOR Analyst Meeting - February 2025 Attachments: image001.png Aloha, fellow analysts! Happy New Year! Thank you all who came to the September HI Analyst AOR meeting! Lots of great information exchange and a wonderful briefing by the Missouri NGCD. Here is the calendar invite for the next quarterly meeting. I have blocked off 0930-1130 on 13 February 2025 in the

Please let me know if you have any specific topics you're interested in learning about or questions you would like me to pose to the group, otherwise the main goal of the meeting is to get together to talk/share information. If you would like to invite additional analysts not included in this list, please let me know and I can share the invite with them. I hope to see you all there! If anyone would like to brief or know someone who can brief a topic of interest to the group, we are happy to host them. It appears everyone enjoyed the last briefing! As always, let me know if you need anything and don't hesitate to reach out with questions. Date: 13 February 2025 Time: 0930-1130 Location: Parking: Parking is \$5 for the day with validation, so make sure to get your parking validated before you leave! Here are the upcoming meeting dates for 2025 in case you want to block off your calendar now: 15 May 2025 14 August 2025 13 November 2025 Time: 0930-1130 For our neighbor island/Guam analysts, below is the MS Teams link for the session: Microsoft Teams Need help? https://aka.ms/JoinTeamsMeeting?omkt=en-US Join the meeting now

Meeting ID:		
Passcode:		
Dial in by phone		
+1 808-829-4853, # <tel:+18088294853,> United States, Honolulu</tel:+18088294853,>		
Find a local number <	>	
Phone conference ID:		
For organizers: Meeting options <		
Pacet dial in VIN https://dialin.tagme.microsoft.com/psp/pctpconterenging		
Reset dial-in PIN https://dialin.teams.microsoft.com/usp/pstnconterencing		
Respectfully,		
Molly Forthofer		
Lead Intelligence Analyst		
(personal) <mailto< td=""><td></td><td></td></mailto<>		
(main) <mailto< td=""><td></td><td></td></mailto<>		
Hawai'i State Fusion Center		
(Cell)		

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Ward, James H To: Cc: Subject: RE: HI AOR Analyst Meeting - February 2025 Date: Thursday, January 23, 2025 9:33:00 AM Attachments: image001.png I totally understand! I hope that you have a lovely time with them. I wanted to introduce you to our new . He is the new He just arrived last week, but I wanted to introduce you two because you work national security. Happy New Year! Respectfully, Molly Forthofer Lead Intelligence Analyst (personal) (main) Hawai'i State Fusion Center (Cell)

From:

Forthofer, Molly

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-----Original Appointment-----

From: Ward, James H <

Sent: Thursday, January 23, 2025 9:29 AM

To: Forthofer, Molly

Subject: [EXTERNAL] Declined: HI AOR Analyst Meeting - February 2025 **When:** Thursday, February 13, 2025 9:30 AM-11:30 AM (UTC-10:00) Hawaii.

Where:

Bummer. I have a school event with my kids on that day. Sorry.

From: To: Cc: Subject: Date: Attachments:	Ward, James H Forthofer, Molly [EXTERNAL] RE: HI AOR Analyst Meeting - February 2025 Thursday, January 23, 2025 9:56:07 AM image001.png
Very nice. Wel	come aboard !
All the best,	
- James	
To: Ward, Jame	January 23, 2025 9:33 AM
	nail originated from outside of DHS. DO NOT click links or open attachments unless you recognize ender. Please use the Cofense Report Phishing button to report. If the button is not present, click structions.
I totally unders	stand! I hope that you have a lovely time with them.
	roduce you to our new
Respectfully, Molly Forthofe Lead Intelligen (personal) (main) HSFC@ Hawai'i State F (Cell)	ce Analyst hawaii.gov



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----Original Appointment----

From: Ward, James H <

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To: Forthofer, Molly

Subject: [EXTERNAL] Declined: HI AOR Analyst Meeting - February 2025 **When:** Thursday, February 13, 2025 9:30 AM-11:30 AM (UTC-10:00) Hawaii.

Where:

Bummer. I have a school event with my kids on that day. Sorry.

From: Walker, William T
To: Forthofer, Molly

Subject: [EXTERNAL] Automatic reply: HI AOR Analyst Meeting - February 2025

Date: Monday, February 10, 2025 12:02:08 PM

I will be out of the office starting February 10, 2025 and will return on February 18, 2025 . For immediate assistance please contact Supervisory Criminal Analyst Caitlin Soper at

From: Lorenzo, Gracelyn M

To: Forthofer, Molly

Subject: [EXTERNAL] Automatic reply: HI AOR Analyst Meeting - February 2025

Date: Monday, February 10, 2025 12:02:09 PM

Thank you for your email. I will be out of the office from 2/7/2025-2/13/2025. If you need further assistance please contact Intel AGS Chris Ko or AGS Chuck Waddell. Thank you.

From: Forthofer, Molly Cc: Clites, Clarence D; ; Kickiand, Patricia; ; Sellers, David G; ; Baggs, Kevin L; ; Robinson, Jane E. (HN) (FBI); O'Connell, Maureen E; Hiraoka, Victoria A; Higbee, Scott M CIV USCG SEC HONOLULU (USA); Burke, Kelly S CIV (USA); Ward, James H; Achuela, Sam (Consultant) Subject: HI AOR Analyst Meeting - February 2025 Attachments: image001.png Aloha, fellow analysts! I am sending this as a reminder for Thursday's HI AOR Analyst Meeting. Please don't hesitate to reach out with any questions or concerns. Thank you all who came to the September HI Analyst AOR meeting! Lots of great information exchange and a wonderful briefing by the Missouri NGCD. Here is the calendar invite for the next quarterly meeting. I have blocked off 0930-1130 on 13 February 2025 in the meeting is to get to the group, otherwise the main goal of the meeting is to get together to talk/share information. If you would like to invite additional analysts not included in this list, please let me know and I can share the invite with them. I hope to see you all there! If anyone would like to brief or know someone who can brief a topic of interest to the group, we are happy to host them. It appears everyone enjoyed the last briefing! As always, let me know if you need anything and don't hesitate to reach out with questions. Date: 13 February 2025 Time: 0930-1130 Location: Parking: Parking is \$5 for the day with validation, so make sure to get your parking validated before you leave! Here are the upcoming meeting dates for 2025 in case you want to block off your calendar now: 15 May 2025 14 August 2025 13 November 2025 Time: 0930-1130 For our neighbor island/Guam analysts, below is the MS Teams link for the session: Microsoft Teams Need help? https://aka.ms/JoinTeamsMeeting?omkt=en-US Join the meeting now

Meeting ID:
Passcode:
Dial in by phone
+1 808-829-4853, <a dialin.teams.microsoft.com="" href="te</th></tr><tr><th>Find a local number <</th></tr><tr><th>Phone conference ID:</th></tr><tr><td>For organizers: Meeting options <</td></tr><tr><th> Reset dial-in PIN https://dialin.teams.microsoft.com/usp/pstnconterencing
Respectfully,
Molly Forthofer
Lead Intelligence Analyst
(personal) <mailto< td=""></mailto<>
(main) HSFC@hawaii.gov <mailto:hsfc@hawaii.gov></mailto:hsfc@hawaii.gov>
Hawai'i State Fusion Center
(Cell)

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From: Forthofer, Molly

To: Napoleon Arline (HSI); Ward, James H; John Woodruff (FPS); Custer, Chantel K

Subject: (U//LES) CBP Product for Officer Awareness **Date:** Friday, January 31, 2025 2:51:00 PM

Attachments: <u>image001.pnq</u>

<u>.pdf</u>

Hey, Po, James, John, and Chantel.

I wanted to pass along the attached bulletin from our DHS Intel Officer at the HSFC.

Please let me know if there is anything I can do!

Respectfully,
Molly Forthofer
Lead Intelligence Analyst
(personal)
(main) HSFC@hawaii.gov
Hawai'i State Fusion Center
(Cell)

Submit Tips / Leads at https://hawaiifusioncenter.org/

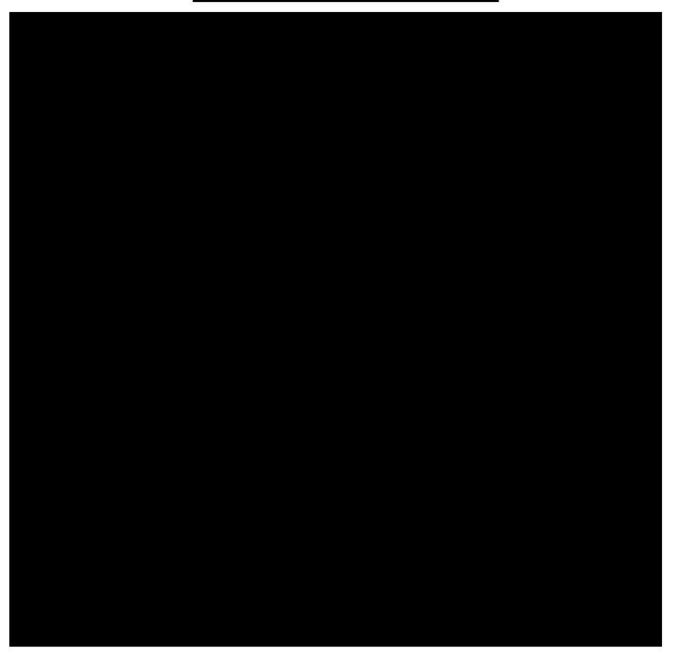
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DEPARTMENT OF HOMELAND SECURITY CUSTOMS AND BORDER PROTECTION

U.S. BORDER PATROL DEL RIO SECTOR OPERATIONS CENTER



Situational Awareness:



FOR OFFICIAL USE ONLY / LAW ENFORCEMENT SENSITIVE



From: <u>Arline III, Napoleon</u>

To: <u>Custer, Chantel K; Forthofer, Molly</u>
Cc: <u>Ward, James H; Woodruff, John</u>

Subject: [EXTERNAL] RE: (U//LES) CBP Product for Officer Awareness

Date: Friday, January 31, 2025 3:10:09 PM

Attachments: <u>image002.png</u>

image003.png

Thanks for sharing.

PO



Subject: RE: (U//LES) CBP Product for Officer Awareness

Thank you for sharing!

Chantel Custer

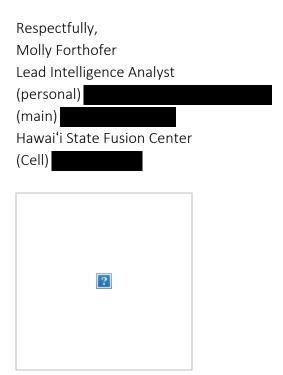
Subject: (U//LES) CBP Product for Officer Awareness

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Hey, Po, James, John, and Chantel.

I wanted to pass along the attached bulletin from our DHS Intel Officer at the HSFC.

Please let me know if there is anything I can do!



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From: <u>Christie, Shannon</u>

To: <u>Hawaii State Fusion Center</u>

Subject: [EXTERNAL] Automatic reply: U-HSFC 2025-0102 Cutting Through the Cyber Noise

Date: Thursday, January 2, 2025 1:54:41 PM

Hello,

Thank you for your email! I am out of office until Monday, January 13 with limited access to email and will respond upon my return. If this is an urgent matter, please contact me via cell phone at

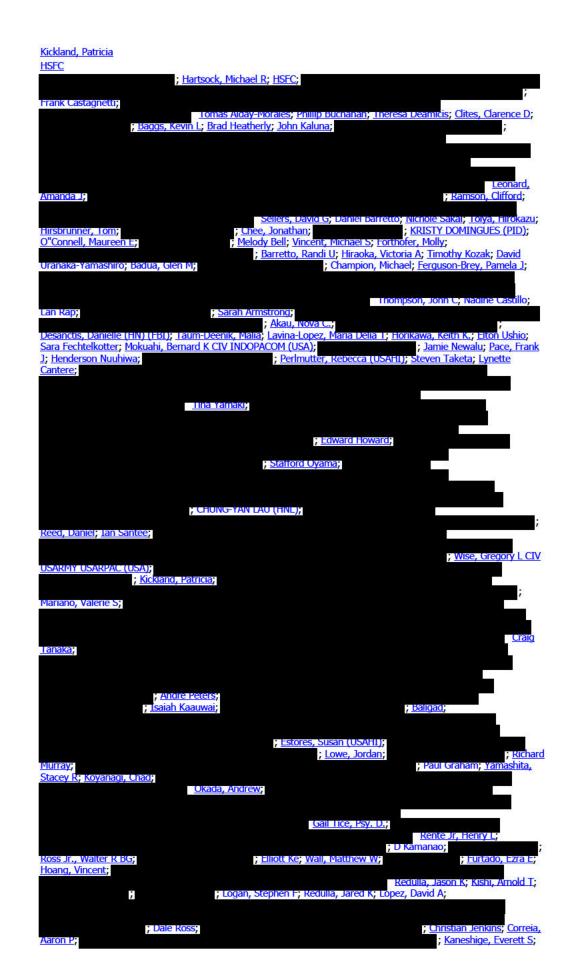
From: Barry Chavez, Paige V
To: Hawaii State Fusion Center

Subject: [EXTERNAL] Automatic reply: U//LES FBI National Partner Call Re: Director Wray"s Farewell

Date: Wednesday, January 15, 2025 10:37:14 AM

I am on leave. I will have limited access to my phone and email. If you need immediate attention, please reach out to GS Dave (David) Colafati, who is acting in my absence.

Thank you, Paige Barry Chavez



From:

To:

Bcc:





117

Subject: Date:

Aloha from the Hawai`i State Fusion Center to our targeted violence and terrorism prevention stakeholders:

HSFC had **some folks drop out** of the scheduled training on 27-28 March by the Federal Law Enforcement Training Center. The **27**th is reserved for sworn law enforcement and Fusion Liaison Officers. The **28**th is open to diverse stakeholders whose job duties include violence prevention in the broad sense: social workers, mental wellness professionals, educators and EDU security, disability service providers, victim services/comp, etc. Topics include case studies of targeted attacks, tactics in terrorism (including sextortion and 764) and other topics — agenda below.

If you are interested, in order to avoid over-booking, please fill out an interest survey ASAP at

HSFC will respond by close of business whether we have space left, and then we will forward the link to register with FLETC.

Thursday, March 27th (Fusion Liaison Officers (FLO) and sworn law enforcement (LE) only)

7:30 - 8:00: Opening

8:00 - 9:00: Threat Picture Overview and The Threat of Violent Extremism

9:00 - 10:00: Targeted Violence, Threat Assessment, and The Pathway to Violence Overview

10:00 - 11:30: Targeted Violence Case Study: 2022 Attack on Tops Friendly Markets - Buffalo,

New York

11:30 - 12:30: Lunch on your own

12:30 - 1:30: The Incel Movement and Mass Violence

1:30 - 2:30: Targeted Violence Case Study: 2009 Attack on LA Fitness Club - Pittsburgh,

Pennsylvania

2:30 - 4:00: Threat Management: Multidisciplinary Teams

4:00 - 4:30: Review, Questions, Discussion and Feedback

Friday, March 28th (FLOs, LE, and civilian stakeholders)

7:30 - 8:00: Research, Resources and Partnerships

8:00-9:30: Targeted Violence Case Study: 2021 Atlanta Spa Attack

9:30-11:30: Emerging Threats and Tactics in Terrorism (Sextortion/764, Social Media, Gaming

Platforms, and Funding)

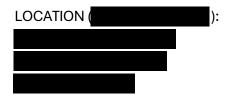
11:30 - 12:30: Lunch on your own

12:30-2:00: Targeted Violence Case Study: 2021 Attack on Oxford (MI) High School

2:00-3:00: Targeted Violence Outliers: Female Mass Attackers

3:00-4:00: Targeted Violence Prevention: Recognizing Warning Behaviors/Leakage

4:00 - 4:30: Review, Questions, Discussion, Feedback and Survey



Mahalo and stay well, Pati Kickland

Patricia Kickland

Threats Program Manager Hawaiʻi State Fusion Center c/o Hawaiʻi Office of Homeland Security 3949 Diamond Head Rd. Honolulu, HI 96816 From: Tobon, John F

To: Smith, Selwyn; Hiraoka, Victoria A; Pace, Frank J

Subject: [EXTERNAL] RE: MDM

Date: Monday, January 27, 2025 1:03:42 PM

Attachments: ohs-mdm-hsi.pdf SM-MDM-11012024.pdf

Aloha everyone,

Apologies for the delay in sending out this introductory email.

Deputy Assistant Director @Smith, Selwyn,

<u>@Pace, Frank J</u> is the Administrator of Hawaii's Office of DHS. <u>@Hiraoka, Victoria A</u> works at Hawaii DHS and was instrumental in helping the state combat Mis/Dis/Mal information during and after the Maui fires. I think their work can help us with the wave of MDM that we have been and are currently facing.

Frank/Tori,

DAD Smith oversees our Public Safety and Border Security Division, which includes narcotics, gangs, and human smuggling investigations, among others. During our conversation we spoke specifically about the challenges in the human smuggling space, where we are fighting a wide variety of MDM.

It is my hope that we can connect the HSI SMEs with Tori to help chart a course of action going forward.

I will let you talk amongst yourselves as I enter retirement at the end of this week.

Respectfully,

John F. Tobon

Assistant Director

Countering Transnational Organized Crime Division

Homeland Security Investigations

Mobile:

Email:

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HSI Cornerstone Homepage

From: Hiraoka, Victoria A <

Sent: Tuesday, January 14, 2025 10:19 AM

To: Pace, Frank J < >; Tobon, John F < >

Subject: Re: MDM

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John,

It was very nice to chat with you this morning. If you are able to give me examples of the MDM that you are combatting regarding smuggling, I can rework parts of the presentation for you to be more specific.

Mahalo!

Victoria Hiraoka

Communications Lead, State of Hawai'i Office of Homeland Security <u>VISIT US ON TWITTER</u> | <u>LET'S GET LINKED IN</u>

Frank J. Pace, Administrator

Office of Homeland Security

Hawaii Department of Law Enforcement

(O) (M)

Frank

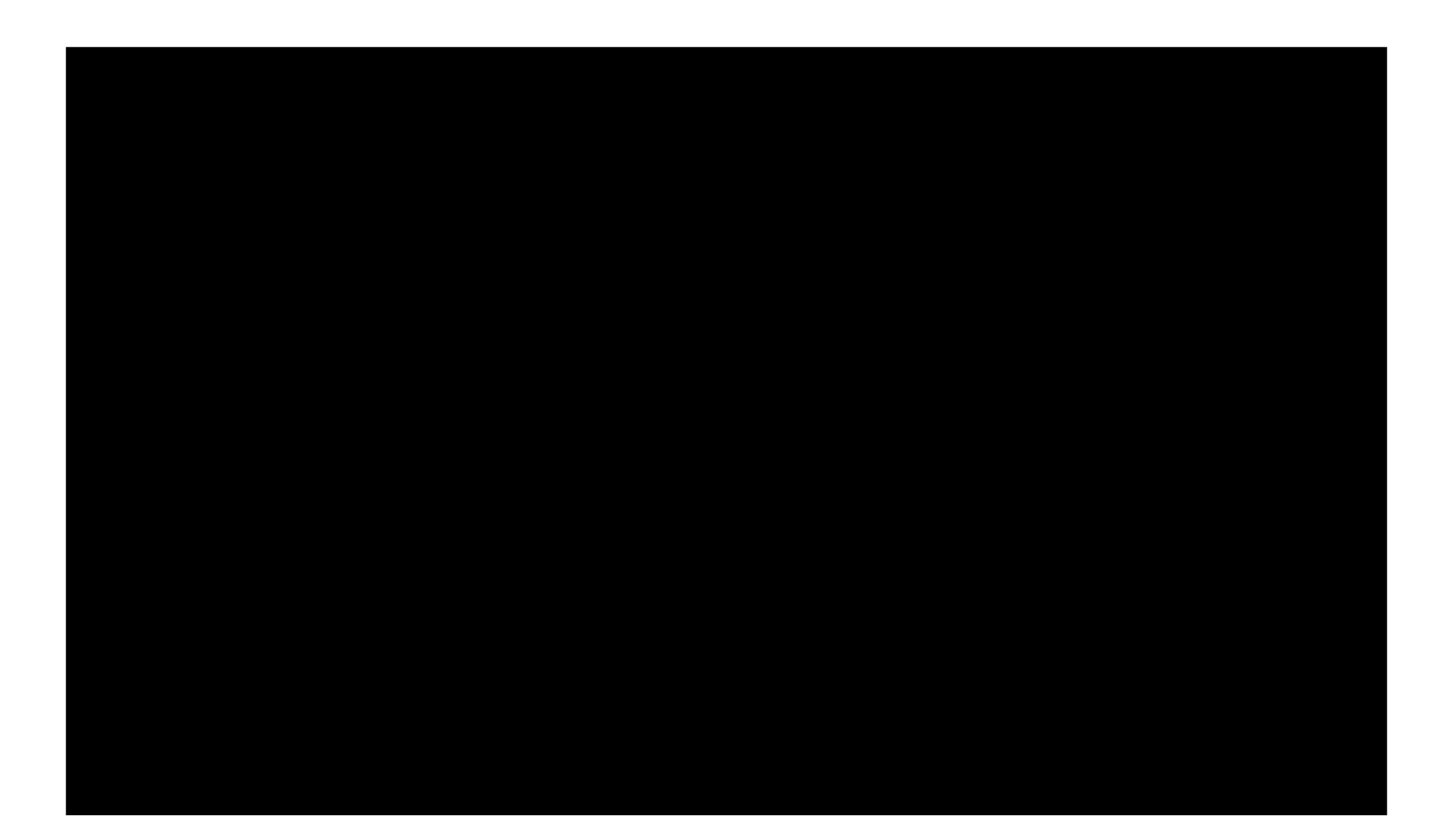
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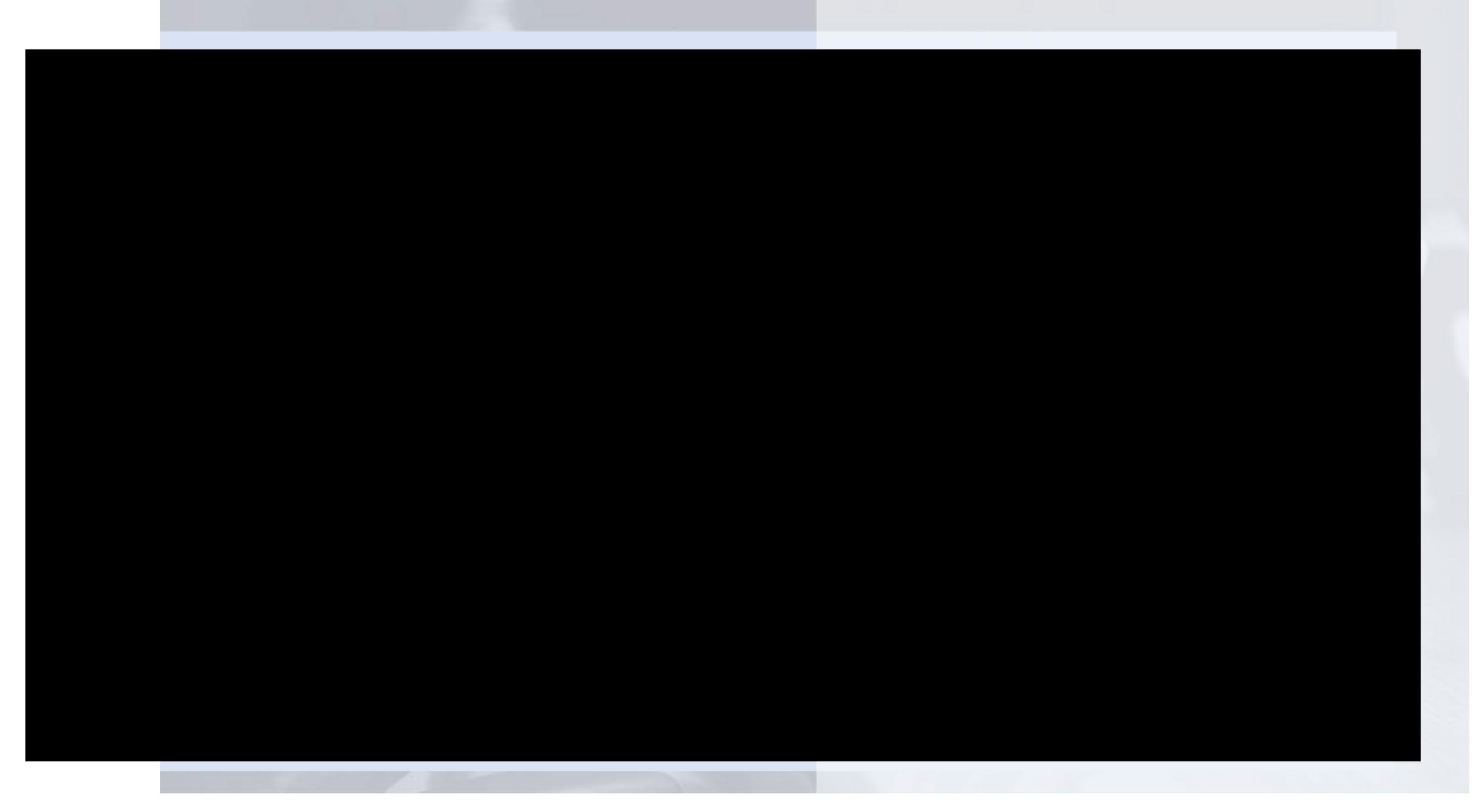


Prepared by the State of Hawai'i Office of Homeland Security for Homeland Security Investigations





















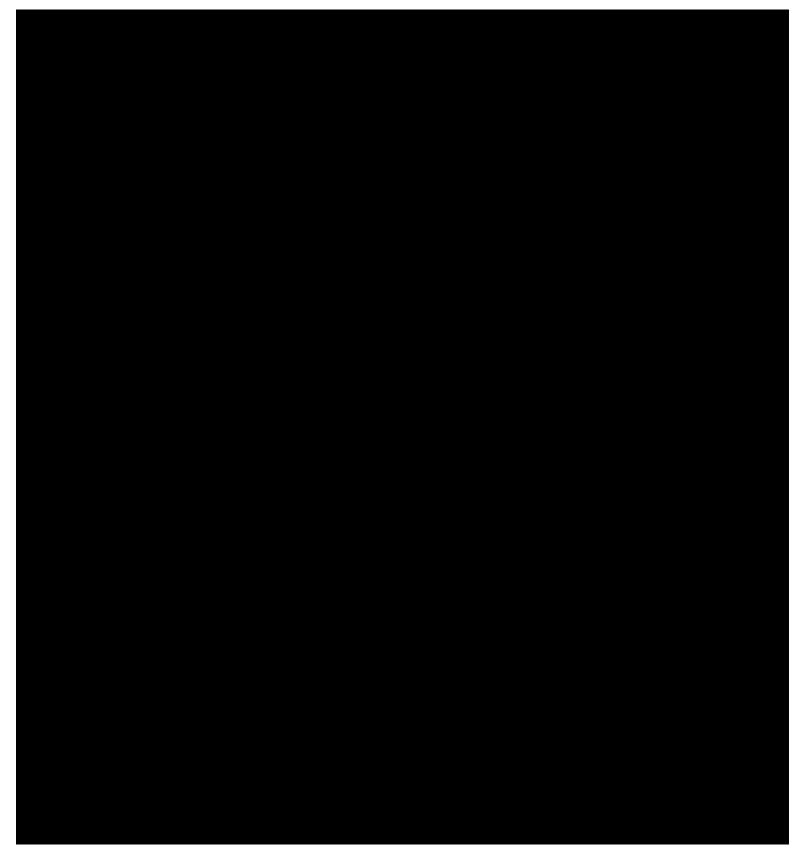


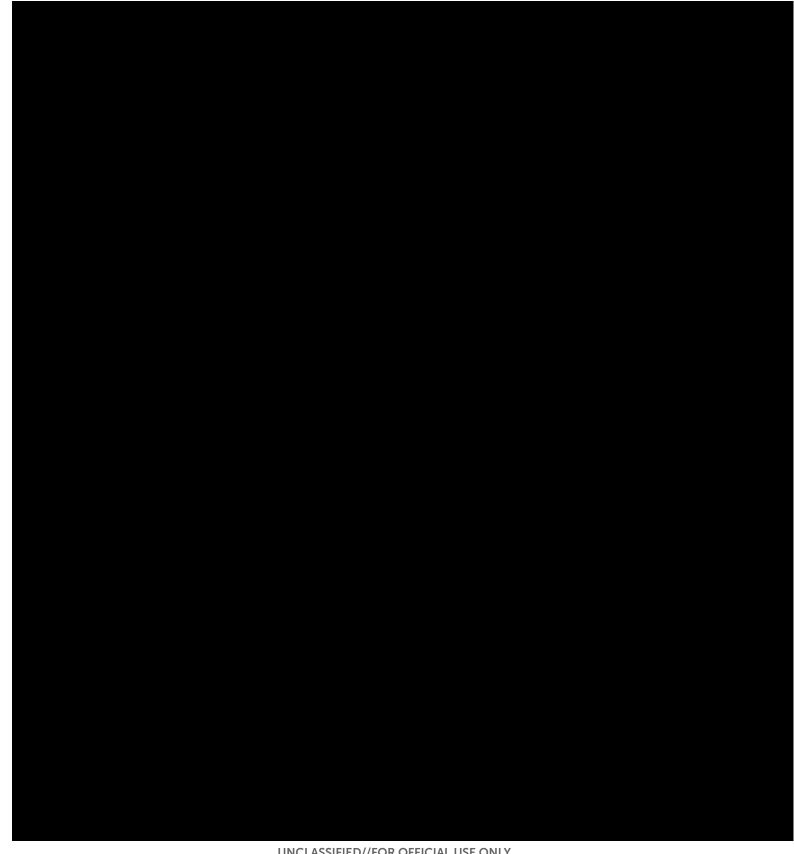


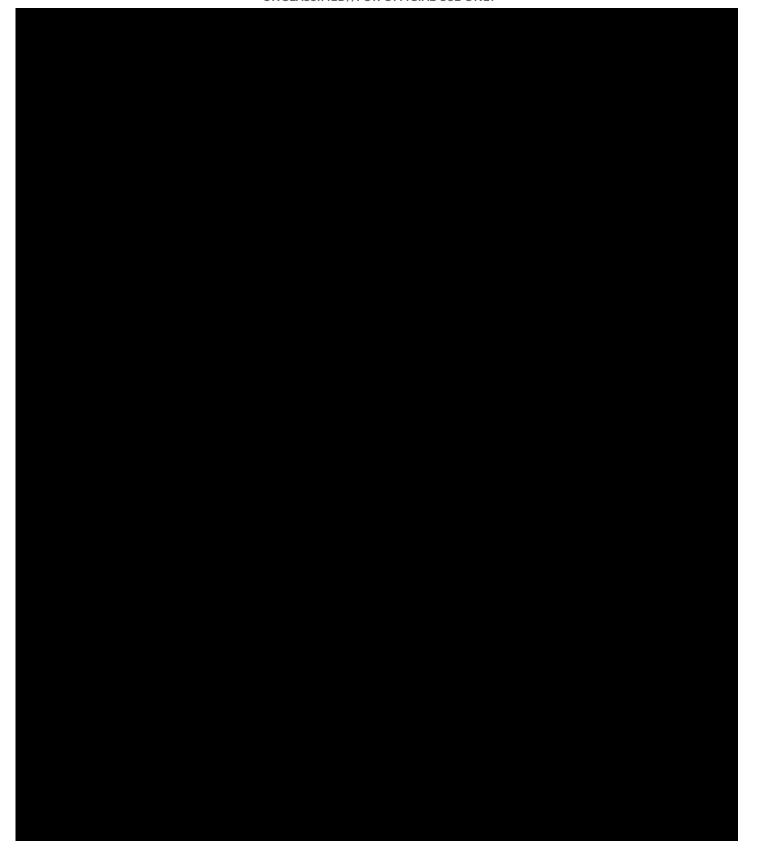


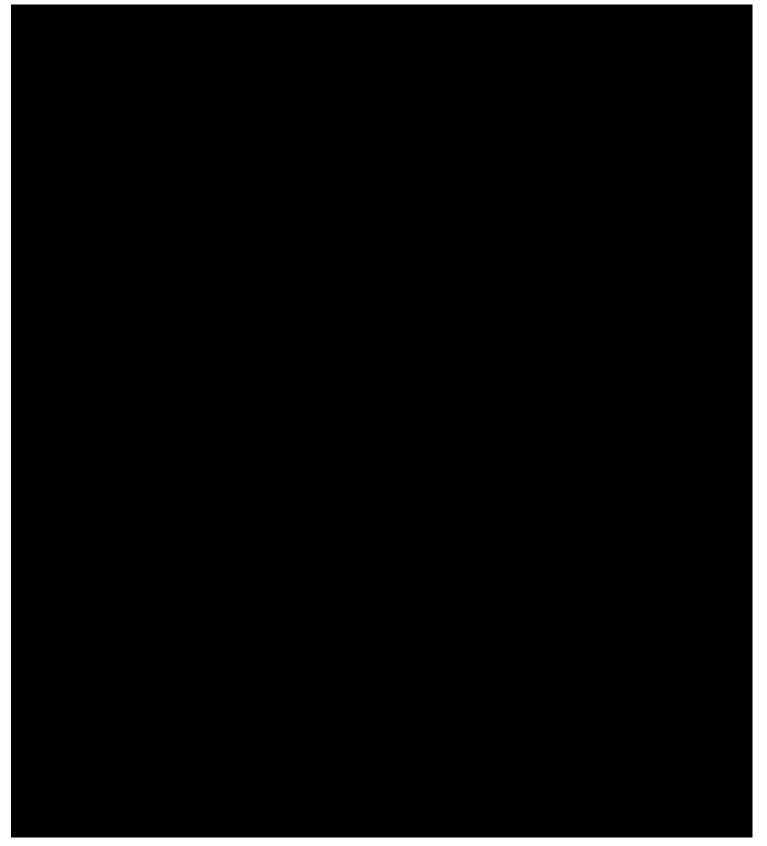
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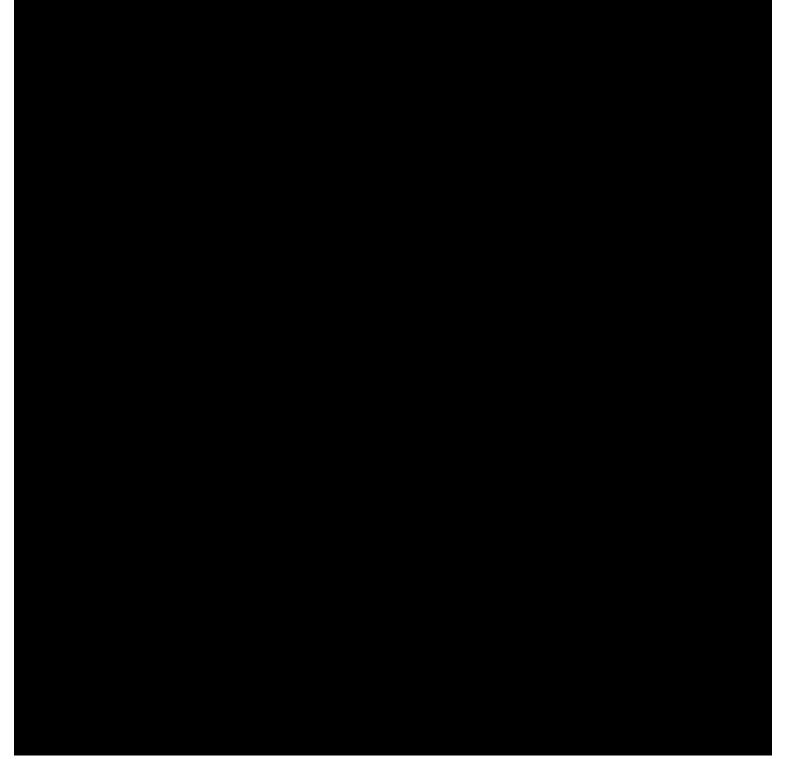


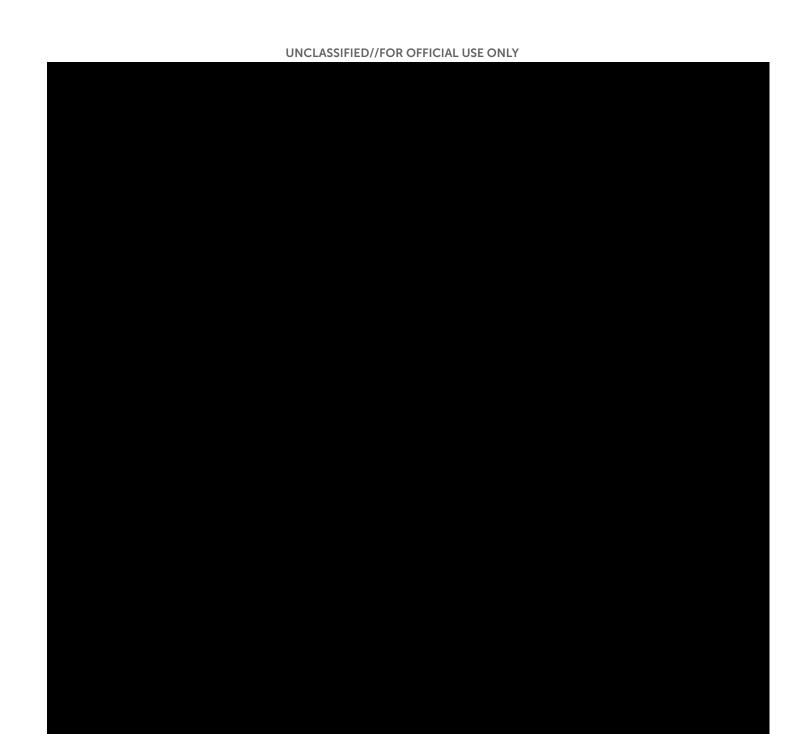




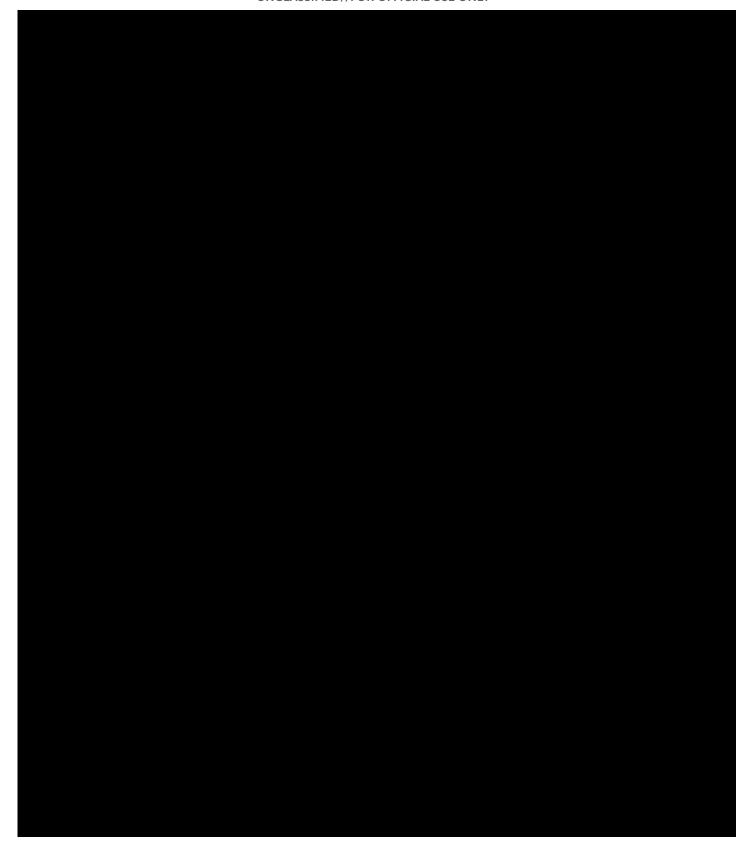


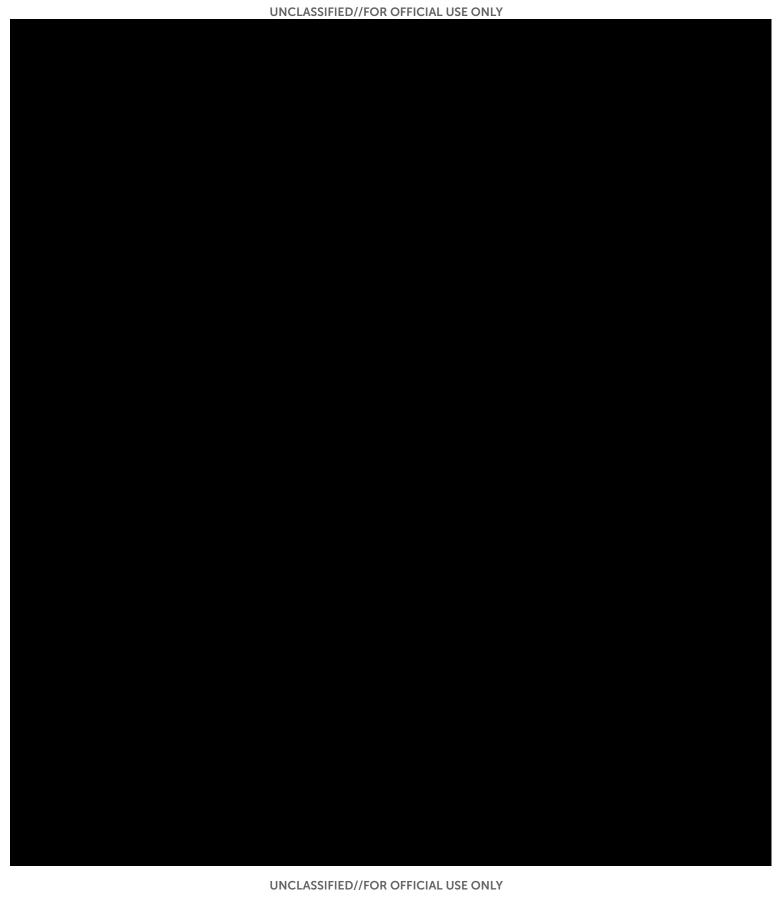


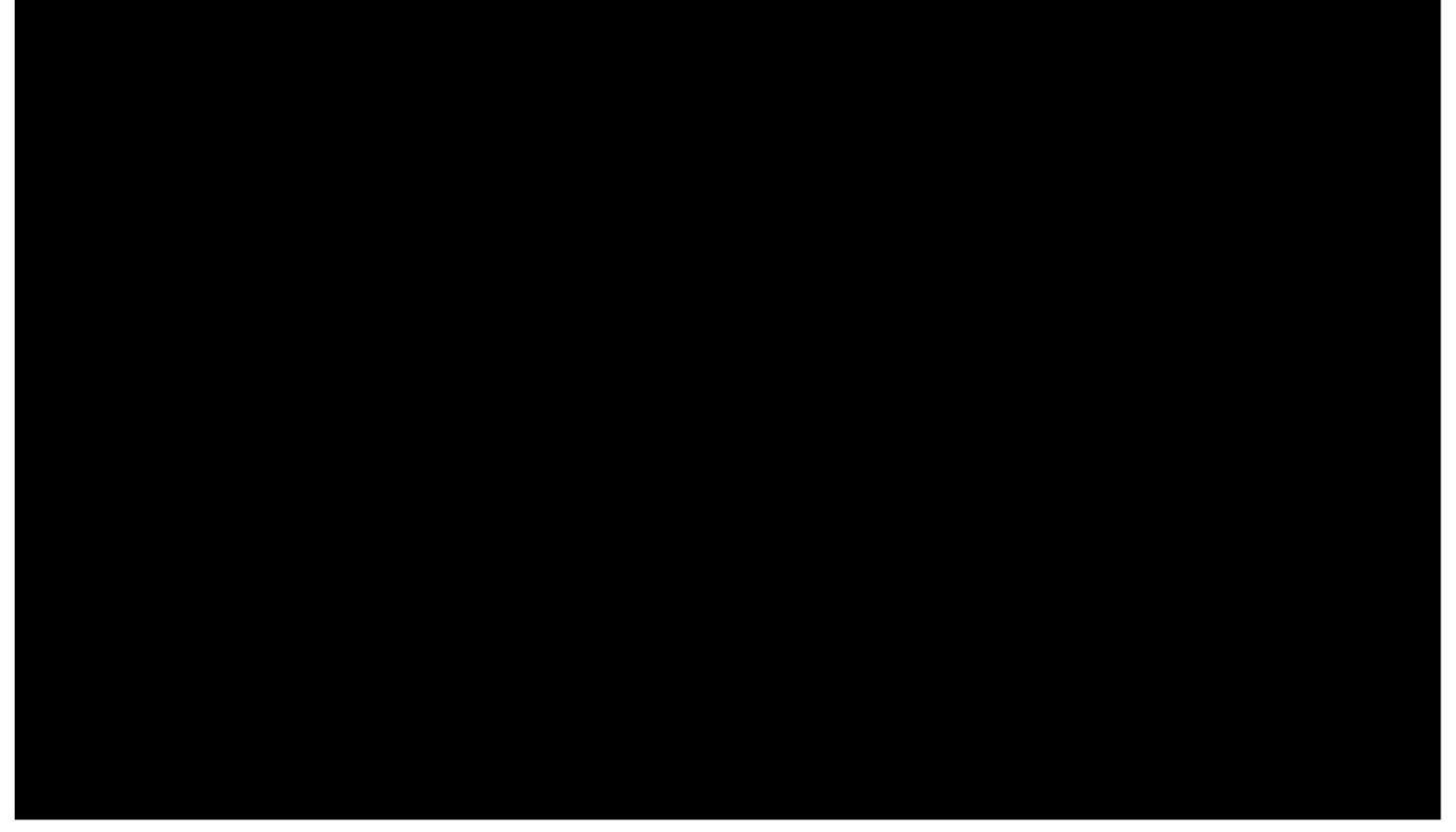












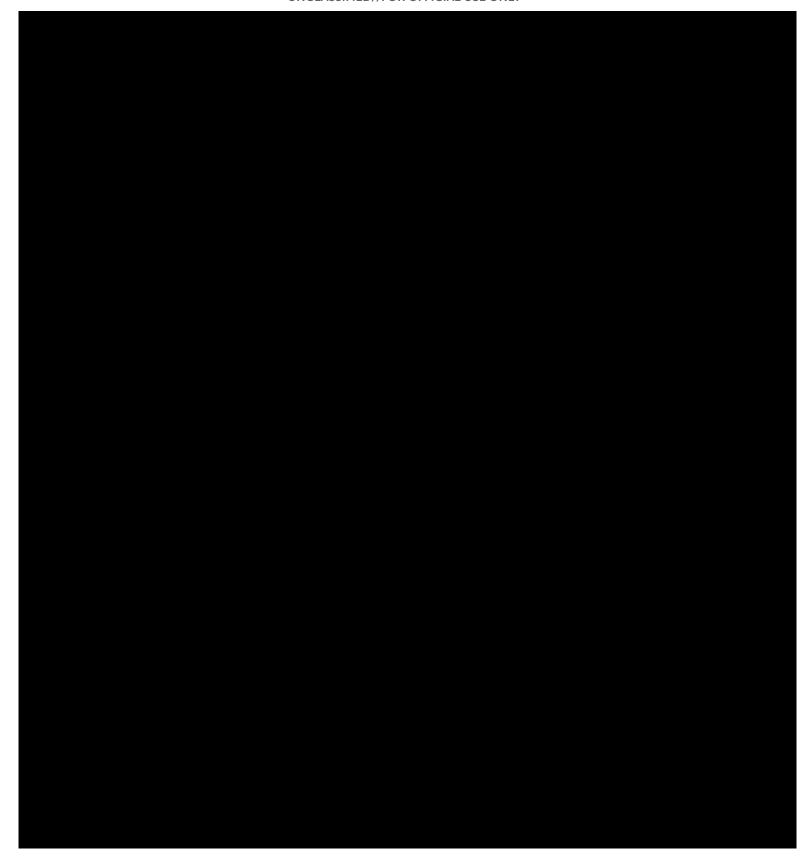
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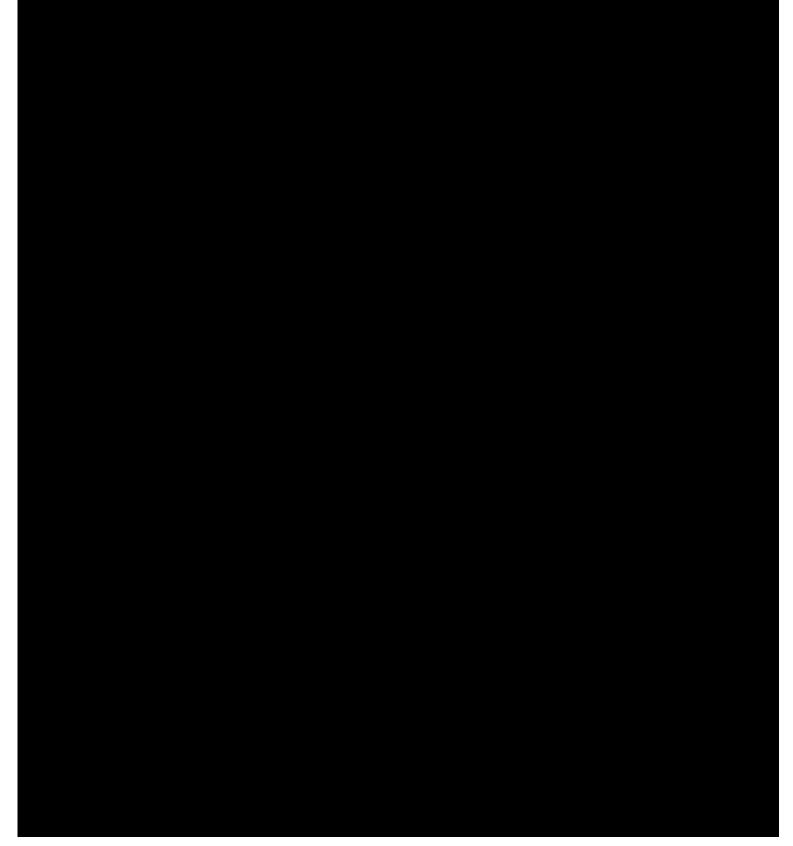


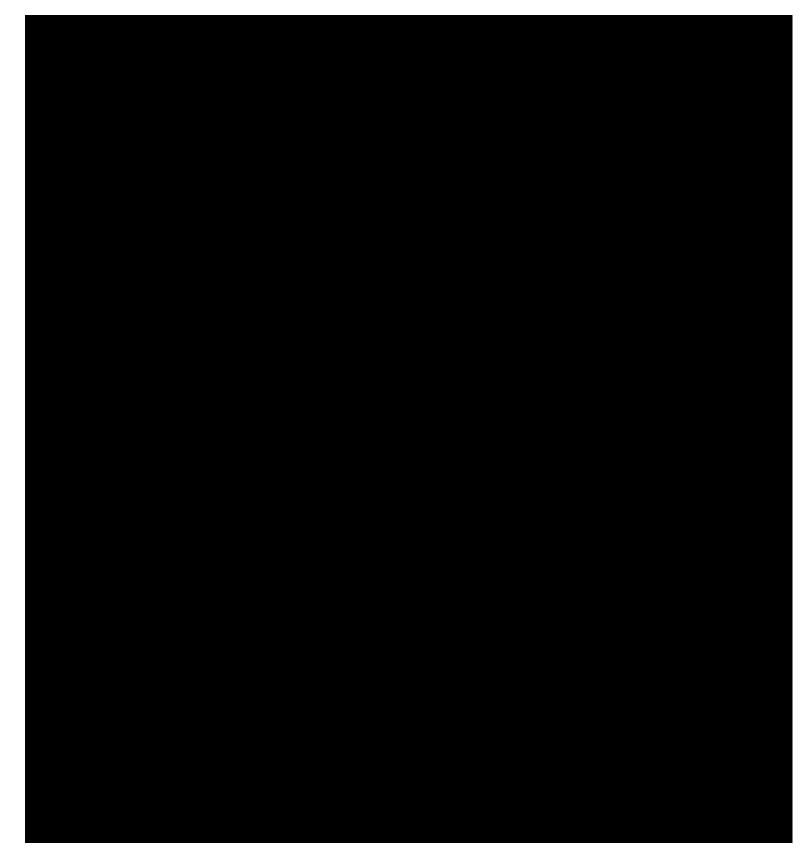




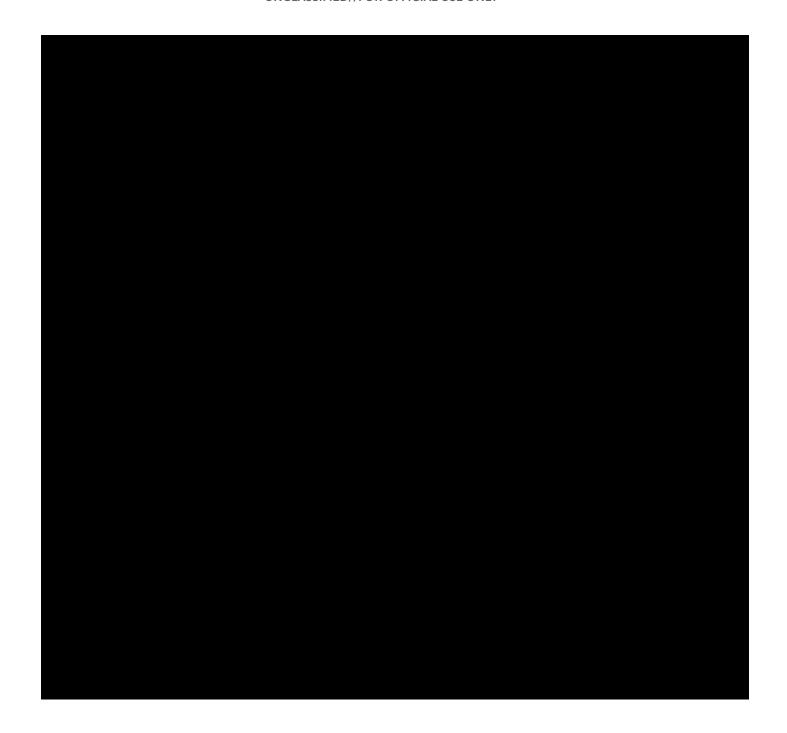












From: <u>Hiraoka, Victoria A</u>

To: Pace, Frank J; Tobon, John F

Subject: Re: MDM

Date: Tuesday, January 14, 2025 10:19:05 AM

John,

It was very nice to chat with you this morning. If you are able to give me examples of the MDM that you are combatting regarding smuggling, I can rework parts of the presentation for you to be more specific.

Mahalo!

Victoria Hiraoka

Communications Lead, State of Hawai'i Office of Homeland Security <u>VISIT US ON TWITTER</u> | <u>LET'S GET LINKED IN</u>

From: Pace, Frank J < > Date: Tuesday, January 14, 2025 at 9:18 AM

To: Tobon, John F <

Cc: Hiraoka, Victoria A <

Subject: MDM

Aloha,

Here are some of Tori's products.

v/r

Frank

Frank J. Pace, Administrator

Office of Homeland Security Hawaii Department of Law Enforcement

(O) (M) From: Tobon, John F
To: Pace, Frank J

Cc: <u>Baggs, Kevin L</u>; <u>Hiraoka, Victoria A</u>

Subject: [EXTERNAL] Re: Aloha

Date: Monday, January 13, 2025 9:57:36 AM

Frank,

Tomorrow at 0900 works for me, I will send an invite and get my DC folks on as well since it will be virtual.

Appreciate it!

Respectfully,

John F. Tobon

Assistant Director

Countering Transnational Organized Crime Division

Homeland Security Investigations

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From: Pace, Frank J < > Sent: Monday, January 13, 2025 9:54:54 AM To: Tobon, John F < > >

Cc: Baggs, Kevin L < >; Hiraoka, Victoria A <

Subject: RE: Aloha

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Aloha,

Let's go with 0900 on Teams, I'll loop in our Comms Lead (Tori) who helps lead the MDM effort for OHS.

Happy to meet with Lt. Horos. Although I'm only available until 1030, Kevin Baggs may have more flexibility and can cover anything FC-related. I'll also find a POC for the JIATF-W.

Best,

Frank

Frank J. Pace, Administrator

Office of Homeland Security Hawaii Department of Law Enforcement

(O) (M)

From: Tobon, John F <

Sent: Monday, January 13, 2025 9:48 AM

To: Pace, Frank J <

Subject: [EXTERNAL] RE: Aloha

Aloha sir,

Let me know what date/time work for you and I will accommodate. We can do in person or virtual, whatever is easier.

On an unrelated note, a friend of mine referred a Professor at APCSS to me with the below request:

"I'm trying to help a friend and colleague who would like to speak with someone associated with the Hawaii State Fusion Center. Also possibly JIATF-W if there's any appropriate POC there.

Lt Andrew Horos is the DC Harbor Master and was DC SWAT before that. He's in Hawaii doing research on OSINT info sharing between law enforcement and with DoD/IC. His past work focused on OSINT intel prior to the Jan 6th events. He's currently on Kauai speaking with PD there and will be here for the day on Tues. "

I was thinking of sending them your way, any objection? I will be speaking with him sometime on Tuesday.

Respectfully,

John F. Tobon

Assistant Director

Countering Transnational Organized Crime Division Homeland Security Investigations

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From: Pace, Frank J < > Sent: Friday, January 10, 2025 10:43 AM To: Tobon, John F < > Subject: RE: Aloha
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Aloha John,
Happy New Year! Following up on the request for MDM support. How does next week look for you?
Best,
Frank
Frank J. Pace, Administrator Office of Homeland Security Hawaii Department of Law Enforcement (O) (M)
From: Tobon, John F < Sent: Saturday, December 21, 2024 5:13 AM To: Pace, Frank J < Subject: [EXTERNAL] Re: Aloha
Frank,
Excellent! Much appreciated! Enjoy your vacation.
Respectfully,

John F. Tobon

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From: Pace, Frank J < > Sent: Friday, December 20, 2024 12:16:17 PM
To: Tobon, John F < >

Subject: Re: Aloha

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Aloha John,

Great to hear from you! we'd be happy to collaborate on the issues with MDM. In fact, my Comms Lead just created new materials on the subject. I'm OOO until 2 January. I'll be available to meet anytime after 1/8/25.

Look forward to seeing you soon.

Best,

Frank

Frank J. Pace Administrator

Office of Homeland Security

From: Tobon, John F < > Sent: Friday, December 20, 2024 11:36:46 AM

To: Pace, Frank J < > Subject: [EXTERNAL] Aloha

Aloha sir,

Hope you are well. I'm reaching out to tap into the expertise your office has developed on countering misinformation as a result of your work on the fires on Maui. We are having issues with misinformation on social media platforms that is being promoted by human smuggling organizations.

As part of my new role, I would like to develop a campaign to counter the misinformation, hoping you would be interested in collaborating.

I'll be around in Honolulu until at least the end of January, let me know when you are available and I will accommodate your schedule.

Respectfully,

John F. Tobon

Assistant Director

Countering Transnational Organized Crime Division Homeland Security Investigations

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To:

Subject: [EXTERNAL] FEMASID Registration Confirmation

Date: Tuesday, January 7, 2025 1:48:26 PM

Victoria Hiraoka,

You have successfully registered for your FEMASID. Please save this information in a safe place or commit it to memory.

Your FEMASID:

This is an automated email. Replies to this email address may not be read. Instead, send questions or comments to

From: Pace, Frank J on behalf of Tobon, John F Hiraoka, Victoria A; Baggs, Kevin L To:

Subject: FW: Mis-Dis-and Malinformation (MDM) Discussion

----Original Appointment
From: Tobon, John F
Sent: Monday, January 13, 2025 10:05 AM
To: Tobon, John F; Smith, Selwyn; Semidey, Jose L; Pace, Frank J
Subject: Mis-Dis-and Malinformation (MDM) Discussion
When: Tuesday, January 14, 2025 9:00 AM-9:45 AM (UTC-10:00) Hawaii.
Where: Microsoft Teams Meeting

