

From: [Pierce, Harrison](#)
To: [Pack, Geoffrey](#)
Subject: Fw: -EXT-RE: PR_GA-ASI Selected by NASA for SIO Demo PRA_8
Date: Thursday, July 9, 2020 11:58:40 AM

From: Pierce, Harrison <HPierce@sandiego.gov>
Sent: Tuesday, July 23, 2019 10:48 AM
To: (b) (6) >; Vinson, Tiffany <TVinson@sandiego.gov>
Cc: (b) (6)
Subject: Re: -EXT-RE: PR_GA-ASI Selected by NASA for SIO Demo

Hi, (b) (6) -

Sorry for the delay. I've been out on leave for the past week, and it seems my automated responses didn't send to external addresses. Can I review this and give you and update by COB today?

Harrison Andrew Pierce

Operational Compliance, Aerial Systems
City of San Diego
Office of Homeland Security

(O): (619) 533-6767

(C): (619) 980-7740

sandiego.gov

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From: (b) (6)
Sent: Wednesday, July 17, 2019 1:05:45 PM
To: Vinson, Tiffany <TVinson@sandiego.gov>; Pierce, Harrison <HPierce@sandiego.gov>
Cc: (b) (6)
Subject: RE: -EXT-RE: PR_GA-ASI Selected by NASA for SIO Demo

Tiffany/Harrison-

I thought I'd try one more time to see if you have any edits to the press release we plan to

issue next week about the NASA SIO Demo. I understand that the City doesn't need to approve, but I did want you to be aware and give you a chance to provide input if interested. We plan to issue the PR early next week.

(b)
(6)

From: (b) (6)
Sent: Thursday, July 11, 2019 2:48 PM
To: Pierce, Harrison <HPierce@sandiego.gov>
Cc: Vinson, Tiffany <TVinson@sandiego.gov>; (b) (6)
Subject: FW: -EXT-RE: PR_GA-ASI Selected by NASA for SIO Demo

Hi Harrison,

Forwarding this draft press release to you in case you are able to provide feedback in Tiffany's absence.

Thank you-

Regards,

(b) (6)

General Atomics Aeronautical Systems, Inc.
Poway Campus, A17-2135

(b) (6) (Office)
(b) (6) (Mobile)

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From: (b) (6)
Sent: Thursday, July 11, 2019 8:09 AM
To: 'Vinson, Tiffany' <TVinson@sandiego.gov>
Cc: (b) (6)
Subject: FW: -EXT-RE: PR_GA-ASI Selected by NASA for SIO Demo

Tiffany-

Just checking back on this request to have you review the attached PR draft and provide any feedback on behalf of the City. Please get back to me. Thank you.

(b)
(6)

From: (b) (6)
Sent: Tuesday, July 09, 2019 8:05 AM
To: 'Vinson, Tiffany' <TVinson@san Diego.gov>
Subject: RE: -EXT-RE: PR_GA-ASI Selected by NASA for SIO Demo

Hi, Tiffany. Just checking back... can we proceed with our press release?

(b) (6)

From: (b) (6)
Sent: Tuesday, July 02, 2019 1:01 PM
To: Vinson, Tiffany <TVinson@san Diego.gov>
Cc: (b) (6)
Subject: Re: -EXT-RE: PR_GA-ASI Selected by NASA for SIO Demo

I was hoping to get our partners to approve by July 8, then we can get final internal approval. So was shooting for release around July 15.

On Jul 2, 2019, at 12:24 PM, Vinson, Tiffany <TVinson@san Diego.gov> wrote:

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Hi (b) (6),

Do you have a target date for the release? We need a few more days since we've had a few role changes over here.

Thanks,
Tiffany

From: Vinson, Tiffany
Sent: Thursday, June 27, 2019 9:29 AM
To: (b) (6)
Cc: (b) (6)
Subject: RE: PR_GA-ASI Selected by NASA for SIO Demo

Hi (b) (6),

Thanks so much for sending this over. I'll send this to the City's Comms Team now and they will probably reach out to you directly with comments.

Thanks,
Tiffany

From: (b) (6)
Sent: Tuesday, June 25, 2019 3:55 PM
To: Vinson, Tiffany <TVinson@san Diego.gov>

Cc: (b) (6)

Subject: PR_GA-ASI Selected by NASA for SIO Demo

Tiffany-

My name is (b) (6) in GA-ASI Strategic Comms. I've attached a press release that we'd like to distribute in the next few weeks announcing our partnership with NASA for the SIO demo. We'd appreciate having you, on behalf of the City, review and edit/approve the PR for release. Please let me know if you can get back to me you're your comments and/or approval by July 3. Thank you.

(b) (6)

General Atomics Aeronautical Systems, Inc. (GA-ASI)

Strategic Communications

Office: (b) (6)

Mobile: (b) (6)

(b) (6)

<PR_GA-ASI Selected by NASA for SIO Demo_D5.docx>

corporations. During this flight demonstration, the intent is to use various sensors aboard the airframe (radar, electro-optical, infrared) to inspect local infrastructure such as power lines, RR's, light rail, oil/ gas pipelines, agriculture, aqueducts, etc., as well as to provide assistance to local law enforcement agencies with border traffic surveillance, stoplight functionality, and vehicle speed enforcement. The long-term goal of this flight demonstration is to develop trusted partnerships with entities such as yours to provide unmanned, aerial infrastructure inspection results (photos, video, etc.) useful to you on a regular, routine basis.

The flight will occur next March, and between now and then there will be a significant amount of coordination with the multitude of entities that will be involved. There is no cost to any of the companies and local government organizations in the event their infrastructure is included in the surveillance flight demo next year. We would like the opportunity to discuss involving your organization in our flight next year. Is there a convenient time to discuss further?

Thank you-

Regards,

(b) (6)

General Atomics Aeronautical Systems, Inc.

Poway Campus, A17-2135

(b) (6) (Office)

(b) (6) (Mobile)

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From: Pierce, Harrison <HPierce@san Diego.gov>

Sent: Monday, December 2, 2019 2:40 PM

To: (b) (6)

Cc: (b) (6)

(b) (6) Katelyn McCauley <km@san diegobusiness.org>; (b) (6)

Subject: -EXT-SD IPP | SIO-SIO Intro

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Hello (b) (6) -

Thanks again for taking the time to meet to discuss how we can support your UAS operations.

Today we briefly discussed the NASA SIO project upcoming with General Atomics that we are supporting, and I wanted to loop back to make an introduction with our team at GA.

(b) (6) please meet (b) (6) and (b) (6) (cc'd). (b) (6) and (b) (6) are leading the Systems Integration and Operationalization (SIO) demonstration with NASA (Q1 2020). In a nutshell, they're coordinating a flight in high-altitude airspace with a fixed-wing UAS to showcase aerial imagery applications for organizations in Southern California. Much of their focus so far has included transportation, critical infrastructure, and other environmental interests. With some of the work you and your team are doing at Scripps, I think that the data GA will capture will provide some actionable insights for your work, and be a major win for (both) SIOs.

(b) (6) - Please meet (b) (6) is a R&D Engineer, and Research Associate at the Scripps Institute of Oceanography. He's responsible for much of the UAS-maritime research coming out of UCSD, and an overall forward thinker in UAS applications.

I think a good place to start would include a bit more detail about the demo, or what areas of interest Scripps has in high-level imagery within the region.

Cheers -

Harrison Andrew Pierce

Operational Compliance, Aerial Systems
San Diego Office of Homeland Security

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From: [Pierce, Harrison](#)
To: [Pack, Geoffrey](#)
Subject: Fw: SD IPP | NASA SIO Demo PRA_6
Date: Thursday, July 9, 2020 11:57:48 AM

From: (b) (6)
Sent: Thursday, September 5, 2019 3:44 PM
To: Pierce, Harrison <HPierce@sandiego.gov>; (b) (6)
Cc: (b) (6); Katelyn McCauley <km@sandiegobusiness.org>; (b) (6) >
Subject: RE: SD IPP | NASA SIO Demo

Sure thing, thanks Harrison!

From: Pierce, Harrison <HPierce@sandiego.gov>
Sent: Thursday, September 5, 2019 2:36 PM
To: (b) (6) >
Cc: (b) (6); Katelyn McCauley <km@sandiegobusiness.org>; (b) (6); (b) (6)
Subject: [EXTERNAL] Re: SD IPP | NASA SIO Demo

Hi, (b) (6) -

Thank you for the response -- I didn't know you were on the briefing WebEx. All understood. Please don't hesitate to ping myself or the GA team if anything changes.

Cheers -

Harrison Andrew Pierce
Operational Compliance, Aerial Systems
San Diego Office of Homeland Security

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From: (b) (6)
Sent: Wednesday, September 4, 2019 6:22:22 PM

To: (b) (6) Pierce, Harrison <HPierce@san Diego.gov>
Cc: (b) (6) Katelyn McCauley <km@san Diegobusiness.org>;
(b) (6) >; (b) (6)
Subject: RE: SD IPP | NASA SIO Demo

Thank you all!

Harrison, I was actually on the demo call last week and saw what GA presented. The level of detail maybe helpful just to our vegetation management department for vegetation encroachment. Other than that, the level of detail definitely needed to be improved to do any sort of assessments (liking for cracks, nuts missing, etc.)

The only other way I can see GA's UAS helpful at 14,000ft is "maybe" to see real time if a line is down...but we would have to see the cost and how available it would be to do a on demand flight, aka within 30 mins.

Please let me know if you have any other question, comments or concerns.

Thank you!

From: (b) (6)
Sent: Tuesday, September 3, 2019 5:42 PM
To: Pierce, Harrison <HPierce@san Diego.gov>
Cc: (b) (6) Katelyn McCauley <km@san Diegobusiness.org>;
(b) (6) >; (b) (6)
>
Subject: RE: SD IPP | NASA SIO Demo

Hi Harrison, great hearing from you.

Thanks for the e-introduction to the rest of the group. I have cc'd (b) (6) who oversees our UAS program and (b) (6) They would be the best team for this project. I am happy to be involved if they believe it is appropriate.

Thanks.

(b) (6)

Emergency Planning, Response, and Compliance Services Manager
San Diego Gas & Electric



(b) (5)

(b) (6) cell | (b) (6) desk | (b) (6)

Please note my email address has changed, please update your records.

From: Pierce, Harrison <HPierce@san Diego.gov>

Sent: Monday, August 26, 2019 9:23 AM

To: (b) (6)

Cc: (b) (6) Katelyn McCauley <km@san Diegobusiness.org>;

(b) (6)

Subject: [EXTERNAL] SD IPP | NASA SIO Demo

Hi, (b) (6) -

How are you? It's been some time since we've spoken, and I wanted to share a substantive project with you that our office is supporting through IPP. (b) (6) and his team at General Atomics (cc'd) are working on NASA's System Integration and Operationalization (SIO) project, which focuses on leveraging high-altitude, fixed-wing UAS to create actionable insights from aerial imagery. In a nutshell, they're demonstrating the vision for interoperability of UAS in the NAS (well above class G) for industrial and infrastructure imaging applications. I wanted to ensure that you're tracking, in case you wanted us to demonstrate capabilities surrounding your infrastructure during our flight, or if you had any questions? We're only conducting one flight, and the data we gather/synthesize for you will be free --this operation is focused on capturing a meaningful proof of concept. We are hosting an upcoming WebEx to illustrate our single flight, and discuss the meaningful use cases we're looking to validate (we've briefed (b) (6), but haven't heard much back -- likely because she may think this is a lower altitude/quadcopter operation).

GA Team -

Please meet (b) (6) and I have worked together for several years, and she is the "Disaster Queen" in the region's Emergency Management community, and now the lead for Sempra's local EOC.

I think a good place to start would include you two discussing what type(s) of imagery during inspection is generally valuable to survey, or (b) (6) highlighting some more of the technical details of the operation?

Cheers!

Harrison Andrew Pierce

Operational Compliance, Aerial Systems

City of San Diego

Office of Homeland Security

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From: [Pierce, Harrison](#)
To: [Pack, Geoffrey](#)
Subject: Fw: -EXT-Re: City of San Diego Action Items PRA_5
Date: Thursday, July 9, 2020 11:57:21 AM

From: Pierce, Harrison <HPierce@sandiego.gov>
Sent: Monday, October 7, 2019 11:15 AM
To: (b) (6) >
Subject: Re: -EXT-Re: City of San Diego Action Items

Hi, (b) (6) -

Sorry, was in DC all last week. Sounds great!

Happy Monday

Harrison Andrew Pierce

Operational Compliance, Aerial Systems
San Diego Office of Homeland Security

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From: (b) (6) >
Sent: Wednesday, October 2, 2019 12:55 PM
To: Pierce, Harrison <HPierce@sandiego.gov>
Subject: RE: -EXT-Re: City of San Diego Action Items

Harrison-

At long last, we'll be sending out this PR on Monday, Oct. 8 at 9am PDT. Thanks for your help.

(b) (6)

Begin forwarded message:

From: "Pierce, Harrison" <HPierce@san Diego.gov>
Date: July 24, 2019 at 3:46:20 PM MST
To: "(b) (6)" >
Cc: Katelyn McCauley <km@san Diegobusiness.org>, "Garrison, Drew" <DGarrison@san Diego.gov>
Subject: -EXT-Re: City of San Diego Action Items

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(b) (6) -

Please see attached the edits we've included (track edits on). I hope this change works with you. Since SDPD is not involved in the public safety aspect of this project and IPP, they and the mayor's office requested no inclusion/indication of public safety-specific use.

On another note, I wanted to discuss a bit more of the organizational changes within the IPP team. Tiffany's out on industrial leave, and will not be reassigned to UAS. Please meet Katelyn McCauley and Drew Garrison (cc'd). Katelyn is the new Program Manager, and Drew Garrison is our Chief of Logistics and Administration.

Please do not hesitate to let us know how we can assist with the operation moving forward or push resources your way

Cheers!

Harrison Andrew Pierce

Operational Compliance, Aerial Systems
City of San Diego
Office of Homeland Security

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Thank you.

From: (b) (6)
Sent: Wednesday, July 24, 2019 2:14 PM
To: Pierce, Harrison <HPierce@san Diego.gov>
Subject: RE: City of San Diego Action Items

Thanks, Harrison.

From: Pierce, Harrison [<mailto:HPierce@san Diego.gov>]
Sent: Wednesday, July 24, 2019 1:57 PM
To: (b) (6) >
Subject: -EXT-Re: City of San Diego Action Items

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(b) (6),

The Press Release is in the final stage of review, with 1-2 nonsubstantive changes. We'll have it ready for you shortly.

Please stand by

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From: (b) (6) >
Sent: Tuesday, July 23, 2019 4:45:14 PM
To: Pierce, Harrison <HPierce@san Diego.gov>
Subject: RE: City of San Diego Action Items

Tomorrow will work. Thanks.

From: Pierce, Harrison [<mailto:HPierce@san Diego.gov>]
Sent: Tuesday, July 23, 2019 4:31 PM
To: (b) (6) >
Subject: -EXT-Re: City of San Diego Action Items

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I have forwarded to our Mayor's Office's comms team for review. What is your deadline for edits/approval? Assuming they don't have any major concerns, I'm crossing my fingers that we will get this back to you by tomorrow COB. Will that work?

Harrison Andrew Pierce
Operational Compliance, Aerial Systems

City of San Diego
Office of Homeland Security

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From: (b) (6) >
Sent: Tuesday, July 23, 2019 2:50:43 PM
To: Pierce, Harrison <HPierce@sandiego.gov>
Subject: RE: City of San Diego Action Items

Hi, Harrison. The only thing I was holding on was to see if you/the City had any input on the PR we plan to put out soon. See attached.

(b) (6)

From: Pierce, Harrison [<mailto:HPierce@sandiego.gov>]
Sent: Tuesday, July 23, 2019 2:49 PM
To: (b) (6) >
Subject: -EXT-City of San Diego Action Items

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(b) (6) -

Can you please shoot me a complete list of all City of San Diego Action items that we owe you? Tiffany is still currently out on industrial leave, so I did not get a complete turnover of all items she had on her plate before me.

I want to make sure we can find all appropriate leads to push you the resources you need before we get deep in the trenches with transitioning IPP into new organizational structures

Thank you again

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From: [Pierce, Harrison](#)
To: [Pack, Geoffrey](#)
Subject: Fw: NASA Fact Sheet PRA_4
Date: Thursday, July 9, 2020 11:57:02 AM

Sent: Thursday, July 9, 2020 11:34 AM
To: jeff.toney@sdcounty.ca.gov <jeff.toney@sdcounty.ca.gov>
Subject: Re: NASA Fact Sheet

Sorry, I sent this to the wrong "Jeff" -- please disregard!

Happy Thursday :))

Harrison Andrew Pierce
Homeland Security Coordinator
San Diego Homeland Security Office

(O): (619) 533-6767
(C): (619) 964-6681

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From: Pierce, Harrison <HPierce@sandiego.gov>
Sent: Thursday, July 9, 2020 6:55 AM
To: jeff.toney@sdcounty.ca.gov <jeff.toney@sdcounty.ca.gov>
Subject: Fw: NASA Fact Sheet

Harrison Andrew Pierce
Homeland Security Coordinator
San Diego Homeland Security Office

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From: Beltran, Brandon <BBeltran@sandiego.gov>

Sent: Wednesday, April 10, 2019 9:01 AM

To: Pierce, Harrison <HPierce@sandiego.gov>; Vinson, Tiffany <TVinson@sandiego.gov>

Subject: NASA Fact Sheet

From: [Pierce, Harrison](#)
To: [Pack, Geoffrey](#)
Subject: Fw: General Atomics Press Release - NASA SIO Project PRA_3
Date: Thursday, July 9, 2020 11:56:32 AM

From: (b) (6)
Sent: Wednesday, October 9, 2019 2:12 PM
To: (b) (6)
Cc: (b) (6)
Subject: General Atomics Press Release - NASA SIO Project

Good afternoon,

Recently my teammates and I at General Atomics spoke with you about an opportunity to team with us on a project involving NASA and the commercial use of unmanned aerial systems in the national airspace. As per our last correspondence, we very much look forward to solidifying the details surrounding this opportunity. In the meantime, I wanted to share a press release from this Monday 10/7 which announces our partnership and goals to the general public. The article can be found here:

<https://www.businesswire.com/news/home/20191007005666/en/GA-ASI-Partnering-NASA-Demo-Commercial-Mission-Large>

Since this press release, General Atomics has had multiple entities express interest in participating in our flight demonstration, much the same as you all have. As we continue to build a robust list of various infrastructure to survey during our demonstration flight, we hope to include your organization in our plans to bring benefit and cost savings to the public.

As always I can be reached here if you have further questions about this opportunity!

Thank you-

Regards,

(b) (6)
General Atomics Aeronautical Systems, Inc.
Poway Campus, A17-2135
(b) (6) (Office)
(b) (6) (Mobile)

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From: [Pierce, Harrison](#)
To: [Pack, Geoffrey](#)
Subject: Fw: -EXT-Re: City of San Diego Action Items PRA_2
Date: Thursday, July 9, 2020 11:56:02 AM

Harrison Andrew Pierce
Homeland Security Coordinator
San Diego Homeland Security Office

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From: Pierce, Harrison <HPierce@sandiego.gov>
Sent: Monday, October 7, 2019 11:15 AM
To: (b) (6) >
Subject: Re: -EXT-Re: City of San Diego Action Items

Hi, (b) (6) -

Sorry, was in DC all last week. Sounds great!

Happy Monday

Harrison Andrew Pierce
Operational Compliance, Aerial Systems
San Diego Office of Homeland Security

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From: (b) (6) >
Sent: Wednesday, October 2, 2019 12:55 PM
To: Pierce, Harrison <HPierce@sandiego.gov>
Subject: RE: -EXT-Re: City of San Diego Action Items

Harrison-

At long last, we'll be sending out this PR on Monday, Oct. 8 at 9am PDT. Thanks for your help.

(b) (6)

Begin forwarded message:

From: "Pierce, Harrison" <HPierce@sandiego.gov>
Date: July 24, 2019 at 3:46:20 PM MST
To: (b) (6)
Cc: Katelyn McCauley <km@sandiegobusiness.org>, "Garrison, Drew" <DGarrison@sandiego.gov>
Subject: -EXT-Re: City of San Diego Action Items

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(b) (6) -

Please see attached the edits we've included (track edits on). I hope this change works with you. Since SDPD is not involved in the public safety aspect of this project and IPP, they and the mayor's office requested no inclusion/indication of public safety-specific use.

On another note, I wanted to discuss a bit more of the organizational changes within the IPP team. Tiffany's out on industrial leave, and will not be reassigned to UAS. Please meet Katelyn McCauley and Drew Garrison (cc'd). Katelyn is the new Program Manager, and Drew Garrison is our Chief of Logistics and Administration.

Please do not hesitate to let us know how we can assist with the operation moving forward or push resources your way

Cheers!

Harrison Andrew Pierce
Operational Compliance, Aerial Systems

City of San Diego
Office of Homeland Security

(O): (619) 533-6767
(C): (619) 980-7740

sandiego.gov

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From: (b) (6)
Sent: Wednesday, July 24, 2019 2:14 PM
To: Pierce, Harrison <HPierce@sandiego.gov>
Subject: RE: City of San Diego Action Items

Thanks, Harrison.

From: Pierce, Harrison [<mailto:HPierce@sandiego.gov>]
Sent: Wednesday, July 24, 2019 1:57 PM
To: (b) (6)
Subject: -EXT-Re: City of San Diego Action Items

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(b) (6)

The Press Release is in the final stage of review, with 1-2 nonsubstantive changes. We'll have it ready for you shortly.

Please stand by

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From: (b) (6)
Sent: Tuesday, July 23, 2019 4:45:14 PM
To: Pierce, Harrison <HPierce@sandiego.gov>

Subject: RE: City of San Diego Action Items

Tomorrow will work. Thanks.

From: Pierce, Harrison [<mailto:HPierce@san Diego.gov>]

Sent: Tuesday, July 23, 2019 4:31 PM

To: (b) (6) >

Subject: -EXT-Re: City of San Diego Action Items

WARNING: This message is from an external source. Evaluate the message carefully BEFORE clicking on links or opening attachments.

I have forwarded to our Mayor's Office's comms team for review. What is your deadline for edits/approval? Assuming they don't have any major concerns, I'm crossing my fingers that we will get this back to you by tomorrow COB. Will that work?

Harrison Andrew Pierce

Operational Compliance, Aerial Systems
City of San Diego
Office of Homeland Security

(O): (619) 533-6767

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From: (b) (6)

Sent: Tuesday, July 23, 2019 2:50:43 PM

To: Pierce, Harrison <HPierce@san Diego.gov>

Subject: RE: City of San Diego Action Items

Hi, Harrison. The only thing I was holding on was to see if you/the City had any input on the PR we plan to put out soon. See attached.

(b) (6)

From: Pierce, Harrison [<mailto:HPierce@sandiego.gov>]

Sent: Tuesday, July 23, 2019 2:49 PM

To: (b) (6)

Subject: -EXT-City of San Diego Action Items

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(b) (6) -

Can you please shoot me a complete list of all City of San Diego Action items that we owe you? Tiffany is still currently out on industrial leave, so I did not get a complete turnover of all items she had on her plate before me.

I want to make sure we can find all appropriate leads to push you the resources you need before we get deep in the trenches with transitioning IPP into new organizational structures

Thank you again

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From: [Pierce, Harrison](#)
To: [Pack, Geoffrey](#)
Subject: Fw: General Atomics - NASA Flight Demonstration PRA_1
Date: Thursday, July 9, 2020 11:55:31 AM

From: Robbins Dean <d Robbins@san.org>
Sent: Thursday, November 21, 2019 9:52 AM
To: (b) (6)
Cc: (b) (6); km@sandiegobusiness.org <km@sandiegobusiness.org>; Pierce, Harrison <HPierce@sandiego.gov>; Gee Brianna <bgee@san.org>; Shafer-Payne Angela <apayne@san.org>
Subject: RE: General Atomics - NASA Flight Demonstration

Hello (b) (6)

Thank you providing some further background information regarding the proposed UAS operation next spring; as well as your offer to demonstrate this technology at SAN. At this time we are not in need of such support here at SAN, however we sincerely appreciate the offer.

Please let us know when the disposition of your airspace request with the FAA is determined.

Kind Regards,

Dean A. Robbins

Manager | Airside Operations

San Diego County Regional Airport Authority

T 619.400.2761 | M 619.990.3460 | F 619.400.2709

d Robbins@san.org

From: Gee Brianna <bgee@san.org>
Sent: Wednesday, November 20, 2019 7:37 AM
To: Robbins Dean <d Robbins@san.org>
Subject: FW: General Atomics - NASA Flight Demonstration

Hi Dean,

Please see email below.

From: (b) (6)
Sent: Tuesday, November 19, 2019 2:06 PM

To: Gee Brianna <bgee@san.org>

Cc: (b) (6)
km@sandiegobusiness.org; Pierce, Harrison <HPierce@sandiego.gov>

Subject: General Atomics - NASA Flight Demonstration

Hello Bree,

During our demonstration flight next spring, one of our goals is to demonstrate the potential for commercial application of unmanned aerial systems in the national airspace. A large part of what we'll be doing during the flight to demonstrate this potential is to conduct aerial surveillance of infrastructure in and around the San Diego area, which will allow us to provide imagery taken from various sensors on our unmanned aircraft to interested local commercial and government customers. It is possible during this flight to also conduct surveillance of infrastructure located at Lindbergh field, and we would like to discuss this opportunity with you.

We will leverage radar, electro-optical, and infrared sensors to inspect local infrastructure such as power lines, RR's, light rail, oil/ gas pipelines, agriculture, aqueducts, etc., as well as provide to assistance civil authorities with border traffic surveillance, streetlight functionality, and vehicle speed enforcement. The possibilities of what type of infrastructure to be inspected are nearly endless, and we can add to the aforementioned list as necessary to provide video and still imagery of infrastructure of most interest to you.

The link below leads to a recent press release which provides additional detail:

<http://www.ga-asi.com/ga-asi-partnering-with-nasa-to-demo-commercial-mission-with-a-large-uas-in-southern-california>

FAA approval for our airspace request associated with this flight demonstration was submitted in September and is still pending. The airspace request ensures our airframe will remain well clear of all incoming and outgoing traffic associated with KSAN, as well as all other terminal airspace located at the regional airport throughout San Diego county.

The city of San Diego points of contact are:

Katelyn McCauley, km@sandiegobusiness.org

Harrison Pierce, HPierce@sandiego.gov

Both work in the city's Homeland Security office and have been helpful in facilitating introductions to and generating interest by local San Diego entities, both government and commercial.

We look forward to the opportunity to further discuss the details. Is there a convenient time and date before next week's long holiday weekend for us to do so?

Thank you-

Regards,

(b) (6)

General Atomics Aeronautical Systems, Inc.
Poway Campus, A17-2135

(b) (6) (Office)

(b) (6) (Mobile)

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On Nov 15, 2019, at 3:10 PM, Gee Brianna <bgee@san.org> wrote:

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Good afternoon (b) (6),

I was wondering if you could please provide me with some additional information. Could you please send the FAA approval info for the UAS in SAN airspace. Can you also provide us with the City of San Diego Contact that will be working this project? Any additional information regarding this project will be helpful.

Thank you kindly,

<image002.png>

Brianna (Bree) Gee, ACE

Airside Operations Duty Manager II | Airside Operations

San Diego County Regional Airport Authority

T 619 400-2718 | F 619 400-2709

bgee@san.org

www.san.org | <image003.png> <image004.png> <image005.png>

San Diego County Regional Airport Authority, PO BOX 82776, San Diego, CA 92138

From: Robbins Dean <d Robbins@san.org>

Sent: Friday, November 15, 2019 7:45 AM

To: Gee Brianna <bgee@san.org>

Cc: Rasor Jeff <jrasor@san.org>

Subject: FW: Flight over KSAN

Bree,

Would you please contact Mr. (b) (6) to get some details of this UAS flight in March and then let's discuss. The next step may be to coordinate with Dave at the ATCT, if he is not already up to speed.

Thanks,

Dean A. Robbins

Manager | Airside Operations

San Diego County Regional Airport Authority

T 619.400.2761 | M 619.990.3460 | F 619.400.2709

[drobbins@san.org](mailto:d Robbins@san.org)

From: Shafer-Payne Angela <apayne@san.org>

Sent: Thursday, November 14, 2019 12:49 PM

To: Rasor Jeff <jrasor@san.org>; Robbins Dean <[drobbins@san.org](mailto:d Robbins@san.org)>

Subject: FW: Flight over KSAN

Jeff and Dean,

I had a chance to discuss with Kim this am and she would like us to reach out to this individual. Not expected that we will have a role, but rather he wants to share information about this upcoming event. An AODM is also fine to reach out. Please keep me in the loop with any information learned.

Thank you

Angela

From: Becker Kimberly <kbecker@san.org>

Sent: Thursday, November 7, 2019 7:57 AM

To: Shafer-Payne Angela <apayne@san.org>

Subject: FW: Flight over KSAN

FYI. I'll give you some insight when we have a chance to talk again.

Kim

Kimberly J. Becker

President / CEO

T 619.400.2444

kbecker@san.org

<image001.png>

From: (b) (6)
Sent: Wednesday, November 6, 2019 11:44 AM
To: Becker Kimberly <kbecker@san.org>
Subject: Flight over KSAN

Hi Kim

I hope you made it back to SD ok and are back in the swing of things! I got upgraded first class on the way home so I had a great trip! :)

I wanted to follow up on the conversation we had about our upcoming flight with an unmanned aircraft over downtown San Diego, next March. This is a project in collaboration with the FAA and NASA, and I think it would be of interest to the airport.

Do you (or your staff) have some time to have a follow-up discussion on how to best engage?

I look forward to hearing back,

(b) (6)

--

(b) (6)

General Atomics Aeronautical Systems, Inc.
14200 Kirkham Way
Poway, CA 92064

Office: + (b) (6)

Cell: + (b) (6)

Email: (b) (6)

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