

**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#)  
**Subject:** For tomorrows meeting  
**Date:** Wednesday, February 28, 2018 5:17:04 PM  
**Attachments:** [EmotionalPhysicalFindings.xlsx](#)  
[ATT00001.htm](#)

Mike:

Please find attached a spreadsheet with some runs on the Emotional/Physical problems variable issue. For discussion at tomorrow's meeting.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Laura House](#)  
**To:** [Avinash Bhati \(abhati@maxarth.com\)](mailto:abhati@maxarth.com)  
**Cc:** [Kenneth Chen](#)  
**Subject:** FW: Data Elements for Revalidation project [Secure]  
**Date:** Tuesday, November 21, 2017 5:50:22 PM  
**Attachments:** [K2 test results at lockup.xlsx](#)  
[FTA history.xlsx](#)

Avi,

Please find attached the two additional datasets you requested from Ken. Take care.

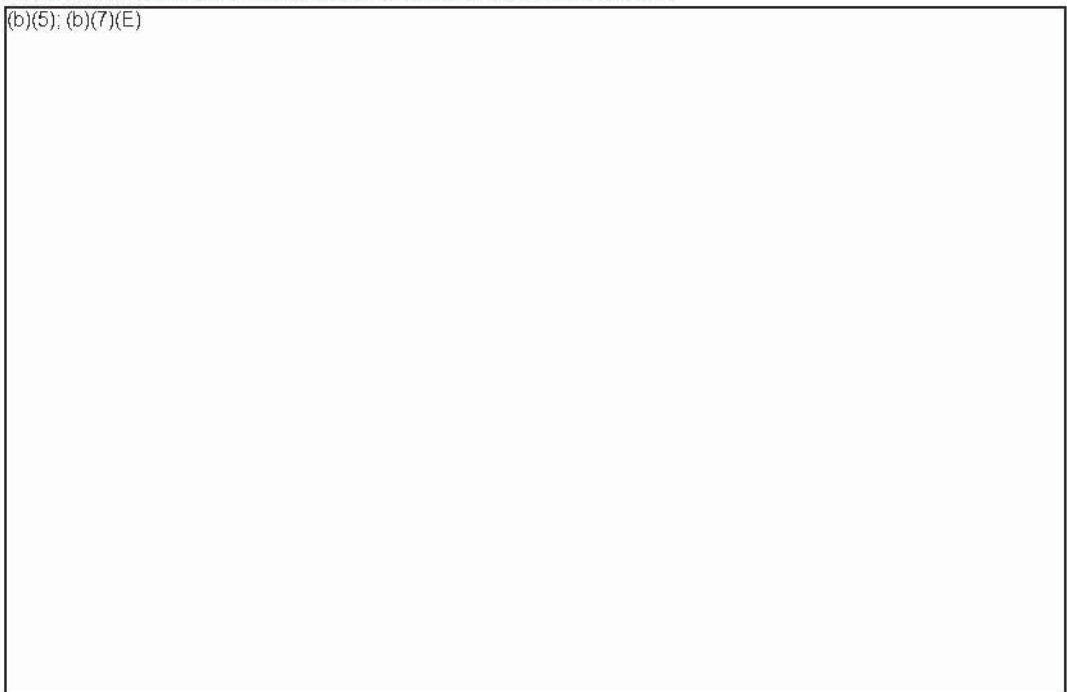
Laura

**From:** Avinash Bhati [<mailto:abhati@maxarth.com>]  
**Sent:** Monday, November 20, 2017 1:17 PM  
**To:** Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)>  
**Subject:** Data Elements for Revalidation project

Hi Ken:

Thanks for getting me the data so far. I am just missing two more pieces of information that is different from the last submission.

(b)(5); (b)(7)(E)



Let me know if you need to chat to clarify what I need. I'm also hoping to get the preliminary analysis done by the first week of Dec. Any way we can get these two data pieces by the end of this week or early next week?

Really appreciate it.

Avi Bhati, PhD  
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12215 Fellowship Lane,  
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[www.maxarth.com](http://www.maxarth.com)

**From:** [Laura House](#)  
**To:** [Avinash Bhati \(abhathi@maxarth.com\)](#)  
**Cc:** [Kenneth Chen](#)  
**Subject:** FW: Data Request for Risk Assessment Work [Secure]  
**Date:** Tuesday, October 31, 2017 1:38:13 PM  
**Attachments:** [dataset.xlsx](#)

fyi

**From:** Kenneth Chen  
**Sent:** Friday, October 27, 2017 2:51 PM  
**To:** Laura House <[Laura.House@psa.gov](mailto:Laura.House@psa.gov)>; 'Avinash Bhati' <[abhathi@maxarth.com](mailto:abhathi@maxarth.com)>  
**Subject:** RE: Data Request for Risk Assessment Work

Hi, Avi

Here is the dataset. It's a re-run of the old script with some modification to accommodate the PRISM changes. It has data for the last three fiscal year, a bit more than you has asked.

Let's me know if you have any question. I'll be in training next week and should be able to work on this the following week.

ken

**From:** Laura House  
**Sent:** Friday, October 13, 2017 3:38 PM  
**To:** Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)>; 'Avinash Bhati' <[abhathi@maxarth.com](mailto:abhathi@maxarth.com)>  
**Subject:** RE: Data Request for Risk Assessment Work

Thanks, Ken.

**From:** Kenneth Chen  
**Sent:** Wednesday, October 11, 2017 1:25 PM  
**To:** 'Avinash Bhati' <[abhathi@maxarth.com](mailto:abhathi@maxarth.com)>; Laura House <[Laura.House@psa.gov](mailto:Laura.House@psa.gov)>  
**Subject:** RE: Data Request for Risk Assessment Work

Hi, Avi

Will start to work on it. Prism has changed a lot since last time we created the dataset. The scripts have to be updated. It will take extra time. And I have too many thing going on. I will try to get it to you early next month.

ken



**From:** Avinash Bhati [<mailto:abhati@maxarth.com>]  
**Sent:** Wednesday, October 11, 2017 1:18 PM  
**To:** Laura House <[Laura.House@psa.gov](mailto:Laura.House@psa.gov)>  
**Cc:** Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)>  
**Subject:** Data Request for Risk Assessment Work

Hi Laura and Ken:

(b)(5); (b)(7)(E)

Let me know if you or Ken need more details. Thanks.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
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12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Laura House](#)  
**To:** [Avinash Bhati \(abhati@maxarth.com\)](mailto:abhati@maxarth.com)  
**Cc:** [Kenneth Chen](#)  
**Subject:** FW: Datasets to external stakeholders  
**Date:** Thursday, November 2, 2017 6:10:32 PM  
**Attachments:** [CSOSA-PSA Secure Email Recipients Guide v1.3.pdf](#)

Fyi

**From:** Laura House  
**Sent:** Tuesday, October 31, 2017 1:38 PM  
**To:** Avinash Bhati (abhati@maxarth.com) <abhati@maxarth.com>  
**Subject:** FW: Datasets to external stakeholders

fyi

**From:** [Laura House](#)  
**To:** [Avinash Bhati \(abhati@maxarth.com\)](#)  
**Subject:** FW: Datasets to external stakeholders  
**Date:** Tuesday, October 31, 2017 1:37:52 PM  
**Attachments:** [CSOSA-PSA Secure Email Recipients Guide v1.3.pdf](#)

fyi

**From:** [Laura House](#)  
**To:** [Avinash Bhati \(abhati@maxarth.com\)](#)  
**Subject:** FW: Datasets to external stakeholders  
**Date:** Tuesday, November 21, 2017 5:50:50 PM  
**Attachments:** @

fyi

**Attachments:**

[CSOSA-PSA Secure Email\\_Recipients\\_Guide v1.3.pdf](#)

(160 KB)

**From:** [Michael Kainu](#)  
**To:** [Avinash Bhati](#)  
**Cc:** [Kenneth Chen](#)  
**Subject:** FW: encrypted USB drive for MAC  
**Date:** Thursday, January 31, 2019 2:04:00 PM

Avi,

Here is the support link I was mentioning that may provide some assistance in using the encrypted USB on your Mac. Otherwise, hopefully we can get you in with our IT folks when you are here next week. I know one of our IT folks was going to take a thumb drive home to try on his Mac and let us know what he comes up with.

Mike

**From:** Kevin R. Scott <[Kevin.Scott@psa.gov](mailto:Kevin.Scott@psa.gov)>  
**Sent:** Thursday, January 31, 2019 9:16 AM  
**To:** Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)>  
**Cc:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Subject:** RE: encrypted USB drive for MAC

Good morning and Happy New Year, Ken. We use Kingston Data Traveler Encrypted USB. According to Kingston, the drives are compatible with Mac from OS 10.10 as long as their driver software is installed on the Mac.

<https://www.kingston.com/us/support/technical/downloads/112263>

~Kevin

**From:** Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)>  
**Sent:** Thursday, January 31, 2019 9:11 AM  
**To:** Kevin R. Scott <[Kevin.Scott@psa.gov](mailto:Kevin.Scott@psa.gov)>  
**Cc:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Subject:** encrypted USB drive for MAC

Good morning, Kevin

OPPA contractors uses MAC and need an secure USB drive to transfer data between our system (Windows) and his MAC computer. Do we have secure USB drives that can be used on both Oss?

Thanks

-ken

**From:** [Michael Kainu](#)  
**To:** [Avinash Bhati](#)  
**Cc:** [Kenneth Chen](#)  
**Subject:** FW: encrypted USB drive for MAC  
**Date:** Wednesday, February 6, 2019 8:25:00 AM

What make/model drive did PSA issue to you?

**From:** Kevin R. Scott <Kevin.Scott@psa.gov>  
**Sent:** Wednesday, February 6, 2019 8:21 AM  
**To:** Michael Kainu <Michael.Kainu@psa.gov>; Kenneth Chen <Kenneth.Chen@psa.gov>  
**Cc:** Dennis Caravantes <Dennis.Caravantes@psa.gov>; Karen Gilchrist <Karen.Gilchrist@psa.gov>  
**Subject:** RE: encrypted USB drive for MAC

(b)(5); (b)(7)(E)

[https://www.amazon.com/dp/B01N175FSF/ref=psdc\\_3151491\\_t5\\_B00G31OP56](https://www.amazon.com/dp/B01N175FSF/ref=psdc_3151491_t5_B00G31OP56)

What make/model of USB drive does Avi have?

Thanks,

~Kevin

**From:** [Michael Kainu](#)  
**To:** [Hala Maktabi](#); "[Avinash Bhati](#)"  
**Subject:** FW: Federal pretrial risk assessment re-validation study  
**Date:** Monday, December 17, 2018 1:53:43 PM  
**Attachments:** [PTRA Revalidation Research Summary.pdf](#)  
[PTRA Validation\\_CJB.pdf](#)

**From:** (b)(6); (b)(7)(C)  
**Sent:** Monday, December 10, 2018 2:20 PM  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Subject:** Federal pretrial risk assessment re-validation study

Hi Michael

(b)(5); (b)(7)(E)

(b)(6); (b)(7)(C)

**From:** [Michael Kainu](#)  
**To:** ["Avinash Bhati"](#)  
**Subject:** FW: Meeting with Avi and Statistical Analysts  
**Date:** Friday, December 14, 2018 12:06:47 PM  
**Attachments:** [image001.png](#)  
**Importance:** High

Here is the information Sharon was asking about for meeting next week.

**From:** Sharon Banks <Sharon.Banks@psa.gov>  
**Sent:** Thursday, December 13, 2018 3:14 PM  
**To:** Michael Kainu <Michael.Kainu@psa.gov>  
**Cc:** Tim Satterfield <Tim.Satterfield@psa.gov>; Esteban Sainz <Esteban.Sainz@psa.gov>  
**Subject:** Meeting with Avi and Statistical Analysts  
**Importance:** High

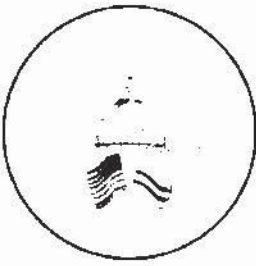
Hi Mike—The statistical analysts are reviewing the RAI revalidation data set and sql codes. We have met with Ken, and would now like to meet with Avi. Could you please schedule a meeting with Avi and OPPA analysts team (me, you, Ken, and the statistical analysts) to discuss and have questions answered? Also, could you have Avi provide datasets PSA gave to him and his results and the code he used to get them.

Also, could you please provide the RAI Revalidation final report.

Thanks,  
~Sharon

*Sharon A. Banks, MSW  
Program Analyst  
Office of Planning, Policy and Analysis (OPPA)  
The Pretrial Services Agency for the District of Columbia  
633 Indiana Ave., NW  
Suite 1140  
Washington, DC 20004  
(202) 442-1086 office  
(202) 510-7132 cell  
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**From:** [Laura House](#)  
**To:** [Avinash Bhati \(abhati@maxarth.com\)](mailto:abhati@maxarth.com)  
**Subject:** FW: Quick questions about RAI details file [Secure]  
**Date:** Thursday, December 14, 2017 4:27:00 PM  
**Attachments:** [dataset -- RA results U1.xlsx](#)

**From:** Kenneth Chen  
**Sent:** Thursday, December 14, 2017 4:25 PM  
**To:** Laura House <[Laura.House@psa.gov](mailto:Laura.House@psa.gov)>  
**Subject:** FW: Quick questions about RAI details file

**From:** Kenneth Chen  
**Sent:** Wednesday, December 13, 2017 12:32 PM  
**To:** Laura House <[Laura.House@psa.gov](mailto:Laura.House@psa.gov)>  
**Subject:** FW: Quick questions about RAI details file

Here is the updated dataset

**From:** Avinash Bhati [<mailto:abhati@maxarth.com>]  
**Sent:** Wednesday, December 13, 2017 12:13 PM  
**To:** Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)>  
**Cc:** Laura House <[Laura.House@psa.gov](mailto:Laura.House@psa.gov)>  
**Subject:** Re: Quick questions about RAI details file

Good afternoon Ken:

(b)(5)

Let me know if you need to talk. I am happy to meet with you before/after my meeting with Laura (at 3:15pm) to get this sorted out.

Thanks.

Avi Bhati, PhD  
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[www.maxarth.com](http://www.maxarth.com)

On Dec 12, 2017, at 6:09 AM, Avinash Bhati <[abhathi@maxarth.com](mailto:abhathi@maxarth.com)> wrote:

Hi Ken:

(b)(5)



Thanks for any help.

Avi Bhati, PhD  
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North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Michael Kainu](#)  
**To:** [Avinash Bhati](#)  
**Cc:** [Emmanuel Anum](#); [Sharon Banks](#); [Kenneth Chen](#); [Heather Brotsos](#); [Esteban Sainz](#)  
**Subject:** FW: Risk Assessment Datasets  
**Date:** Tuesday, July 23, 2019 3:57:00 PM  
**Attachments:** [Final\\_Weights\\_CutPoints\\_Revised\\_20190505.xlsx](#)

Good afternoon Avi,

Could you provide assistance in answering Emmanuel's questions below? Thanks

**From:** Emmanuel Anum <[Emmanuel.Anum@psa.gov](mailto:Emmanuel.Anum@psa.gov)>  
**Sent:** Tuesday, July 23, 2019 3:16 PM  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Cc:** Sharon Banks <[Sharon.Banks@psa.gov](mailto:Sharon.Banks@psa.gov)>; Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)>; Heather Brotsos <[Heather.Brotsos@psa.gov](mailto:Heather.Brotsos@psa.gov)>; Esteban Sainz <[Esteban.Sainz@psa.gov](mailto:Esteban.Sainz@psa.gov)>  
**Subject:** FW: Risk Assessment Datasets

Hi Mike,

Could you please reach out to Avi and get us some answers concerning code logic used in defining the 43 predictors.

Attached excel file (which I understand came from Avi) shows code logic used for some predictors but not others.

Did Avi come up with his own code logic or was it something that someone at PSA shared with him?

Did Hy (at OIT) share any existing code logic for variable definition with Avi?

As we get closer to deployment we need to ensure that we can replicate predictor values for Clients (ClientdocketIDs) in Avi's Final data file, as at the docket file date, to validate the models.

Thanks,

Emmanuel

**From:** Emmanuel Anum  
**Sent:** Tuesday, July 23, 2019 9:22 AM  
**To:** Heather Brotsos <[Heather.Brotsos@psa.gov](mailto:Heather.Brotsos@psa.gov)>; Esteban Sainz <[Esteban.Sainz@psa.gov](mailto:Esteban.Sainz@psa.gov)>  
**Cc:** Sharon Banks <[Sharon.Banks@psa.gov](mailto:Sharon.Banks@psa.gov)>; Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)>  
**Subject:** RE: Risk Assessment Datasets

Which files did he use in the 'final version'?

Did you send Avi files that had logic already applied to identify instances of e.g.,

'Felony in the last 10 yrs of the file date';  
'Prior bench warrants issued';  
Instant charges;  
DC residence status, etc.

Columns I and K of attached excel file shows 'logic' to use and SAS datasets.

Did Summit applied the logic to create the SAS datasets?

Or the datasets were sent to Avi for him to use the 'logic' to define parameters.

**From:** Heather Brotsos <[Heather.Brotsos@psa.gov](mailto:Heather.Brotsos@psa.gov)>  
**Sent:** Tuesday, July 23, 2019 9:11 AM  
**To:** Emmanuel Anum <[Emmanuel.Anum@psa.gov](mailto:Emmanuel.Anum@psa.gov)>; Esteban Sainz <[Esteban.Sainz@psa.gov](mailto:Esteban.Sainz@psa.gov)>  
**Cc:** Sharon Banks <[Sharon.Banks@psa.gov](mailto:Sharon.Banks@psa.gov)>; Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)>  
**Subject:** RE: Risk Assessment Datasets

Hi Emmanuel,

We replicated all the files Avi used for his work with PSA. He let us know that some of them were for exploratory analysis and were not ultimately used in the final version.

Heather

**From:** Emmanuel Anum <[Emmanuel.Anum@psa.gov](mailto:Emmanuel.Anum@psa.gov)>  
**Sent:** Monday, July 22, 2019 5:22 PM  
**To:** Esteban Sainz <[Esteban.Sainz@psa.gov](mailto:Esteban.Sainz@psa.gov)>  
**Cc:** Sharon Banks <[Sharon.Banks@psa.gov](mailto:Sharon.Banks@psa.gov)>; Heather Brotsos <[Heather.Brotsos@psa.gov](mailto:Heather.Brotsos@psa.gov)>; Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)>  
**Subject:** RE: Risk Assessment Datasets

Did you send all files (SAS and excel) in the folder to Avi for revalidation purposes?

**From:** Esteban Sainz <[Esteban.Sainz@psa.gov](mailto:Esteban.Sainz@psa.gov)>  
**Sent:** Monday, July 22, 2019 5:01 PM  
**To:** Emmanuel Anum <[Emmanuel.Anum@psa.gov](mailto:Emmanuel.Anum@psa.gov)>  
**Cc:** Sharon Banks <[Sharon.Banks@psa.gov](mailto:Sharon.Banks@psa.gov)>; Heather Brotsos <[Heather.Brotsos@psa.gov](mailto:Heather.Brotsos@psa.gov)>; Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)>  
**Subject:** Risk Assessment Datasets

Hi Emmanuel,

Please find the location of the datasets Summit replicated for Avi.

P:\OPPA\Analysis\@Summit\Revalidation\Output\QC

Best,

Esteban



**From:** [Michael Kainu](#)  
**To:** [Avinash Bhati](#)  
**Subject:** FW: Risk Assessment Implementation/Validation  
**Date:** Friday, May 3, 2019 7:12:00 AM  
**Attachments:** [image001.png](#)

Avi,

Wanted to pass along the items Heather shared with me when I asked her what would be needed from you so that PSA can pick up where things get left off once your contract expires. Feel free to let me know if you have any questions.

Mike

**From:** Heather Brotsos <[Heather.Brotsos@psa.gov](mailto:Heather.Brotsos@psa.gov)>  
**Sent:** Thursday, May 2, 2019 1:44 PM  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Cc:** Sharon Banks <[Sharon.Banks@psa.gov](mailto:Sharon.Banks@psa.gov)>; Joseph Nowariak <[Joseph.Nowariak@psa.gov](mailto:Joseph.Nowariak@psa.gov)>; Esteban Sainz <[Esteban.Sainz@psa.gov](mailto:Esteban.Sainz@psa.gov)>; Hala Maktabi <[Hala.Maktabi@psa.gov](mailto:Hala.Maktabi@psa.gov)>; Emmanuel Anum <[Emmanuel.Anum@psa.gov](mailto:Emmanuel.Anum@psa.gov)>; Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)>  
**Subject:** RE: Risk Assessment Implementation/Validation

Hi Michael,

We are happy to support the team during the implementation and validation. Some things that would be helpful to receive from Avi in addition to what you describe include:

1. final code files for all data preparation and modeling
2. version of the datasets that he used in his analysis – from what I understand, he converts the data we send him into stata files prior to running his data preparation steps
3. definitions/documentation for the variables that he creates (e.g. all the different risk score variables), or at a minimum, where in his code files he creates those variables

Heather

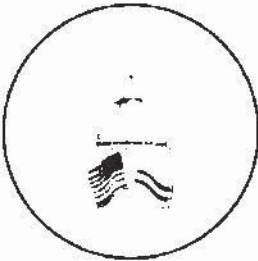
**From:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Sent:** Thursday, May 2, 2019 11:34 AM  
**To:** Heather Brotsos <[Heather.Brotsos@psa.gov](mailto:Heather.Brotsos@psa.gov)>  
**Cc:** Sharon Banks <[Sharon.Banks@psa.gov](mailto:Sharon.Banks@psa.gov)>; Joseph Nowariak <[Joseph.Nowariak@psa.gov](mailto:Joseph.Nowariak@psa.gov)>; Esteban Sainz <[Esteban.Sainz@psa.gov](mailto:Esteban.Sainz@psa.gov)>; Hala Maktabi <[Hala.Maktabi@psa.gov](mailto:Hala.Maktabi@psa.gov)>; Emmanuel Anum <[Emmanuel.Anum@psa.gov](mailto:Emmanuel.Anum@psa.gov)>; Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)>  
**Subject:** Risk Assessment Implementation/Validation

Good morning Heather,

Was hoping to catch you before you left PSA for the day but understand you have already left. I was filling Hala in yesterday and this morning with respect to the conference call we had with Avi and

(b)(5)

The Honorable  
Office of the Inspector General  
The United States Sentences for the District of Columbia  
1000 Pennsylvania Avenue, NW  
Washington, D.C. 20004  
202-550-3816



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**From:** [Michael Kainu](#)  
**To:** [Avinash Bhati](#)  
**Cc:** [Sharon Banks](#)  
**Subject:** FW: Risk Assessment Report & Recommendations  
**Date:** Thursday, August 2, 2018 8:38:00 AM  
**Attachments:** [image001.png](#)

Avi,

Can you please include Sharon Banks (cc'ed here) when you send a copy of the report tomorrow? She is going to join us when we meet to discuss it during the meeting I just set for the 16<sup>th</sup> to review. Thanks.

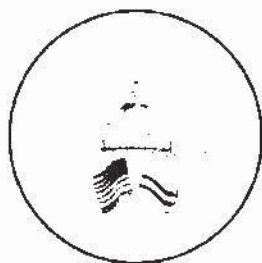
**From:** Michael Kainu  
**Sent:** Thursday, August 2, 2018 7:17 AM  
**To:** Hala Maktabi <Hala.Maktabi@psa.gov>; Kenneth Chen <Kenneth.Chen@psa.gov>; Demond Tigs <Demond.Tigs@psa.gov>  
**Cc:** 'Avinash Bhati' <abhati@maxarth.com>  
**Subject:** Risk Assessment Report & Recommendations

Team,

Avi and I have been communicating this week about the report he is preparing for our review. The report will be completed by tomorrow. Since I will be on vacation I asked him to send the report directly to the entire team on this e-mail.

Please review the report and I will schedule a time for us to meet to discuss the report, as well as initial discussions of how to implement any recommended changes leading up to the final presentation that is now scheduled for 8/29.

"The way to know  
nothing is to know  
nothing of Demond Tigs and Kenneth Chen  
The "nothing" is the "nothing" of the "nothing" - a lump of  
the "nothing" of the "nothing" - a lump of  
the "nothing" of the "nothing" - a lump of  
the "nothing" of the "nothing" - a lump of  
the "nothing" of the "nothing" - a lump of



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**From:** [Laura House](#)  
**To:** [Avinash Bhati \(abhati@maxarth.com\)](#); [Kenneth Chen](#); [Michael Kainu](#); [Demond Tigs](#); [Leslie Cooper](#); [Michael Arizmendi](#)  
**Cc:** [Diana Weiss](#)  
**Subject:** FW: Risk Assessment Revalidation - PSA17Q0034 Proposal Maxarth  
**Date:** Thursday, September 7, 2017 7:10:13 AM  
**Attachments:** [MaxarthLLC\\_20170815\\_PSA17Q0034.pdf](#)  
[Contract Kick-Off Meeting- RAI Contract.docx](#)

Please forgive the typo below. I meant "agenda" and not "agency." My apologies.

**From:** Laura House  
**Sent:** Thursday, September 7, 2017 7:03 AM  
**To:** Michael Arizmendi ([Michael.Arizmendi@psa.gov](mailto:Michael.Arizmendi@psa.gov)) <[Michael.Arizmendi@psa.gov](mailto:Michael.Arizmendi@psa.gov)>  
**Subject:** FW: Risk Assessment Revalidation - PSA17Q0034 Proposal Maxarth

My apologies, Mike. I forgot to add you on the email this morning with the materials for our contract kick-off meeting today.

**From:** Laura House  
**Sent:** Thursday, September 7, 2017 6:50 AM  
**To:** [Avinash Bhati \(abhati@maxarth.com\)](#) <[abhati@maxarth.com](mailto:abhati@maxarth.com)>; [Kenneth Chen](#) <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)>; [Michael Kainu](#) <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>; [Demond Tigs](#) <[Demond.Tigs@psa.gov](mailto:Demond.Tigs@psa.gov)>; [Leslie Cooper](#) <[Leslie.Cooper@psa.gov](mailto:Leslie.Cooper@psa.gov)>  
**Cc:** [Diana Weiss](#) <[Diana.Weiss@psa.gov](mailto:Diana.Weiss@psa.gov)>  
**Subject:** FW: Risk Assessment Revalidation - PSA17Q0034 Proposal Maxarth

Good Morning,

Please find attached a copy of the agency for today's contract kick-off meeting with Maxarth for the risk assessment revalidation study. In addition, please find attached for your review the proposal that Maxarth provided in response to the RFC. Thanks.

Laura

**From:** [Laura House](#)  
**To:** [Avinash Bhati \(abhati@maxarth.com\)](#); [Kenneth Chen](#); [Michael Kainu](#); [Demond Tigs](#); [Leslie Cooper](#)  
**Cc:** [Diana Weiss](#)  
**Subject:** FW: Risk Assessment Revalidation - PSA17Q0034 Proposal Maxarth  
**Date:** Thursday, September 7, 2017 6:49:37 AM  
**Attachments:** [MaxarthLLC\\_20170815\\_PSA17Q0034.pdf](#)  
[Contract Kick-Off Meeting- RAI Contract.docx](#)

Good Morning,

Please find attached a copy of the agency for today's contract kick-off meeting with Maxarth for the risk assessment revalidation study. In addition, please find attached for your review the proposal that Maxarth provided in response to the RFC. Thanks.

Laura

**From:** [Michael Kainu](#)  
**To:** ["Avinash Bhati"](#)  
**Subject:** FW: Risk Assessment Revalidation Report  
**Date:** Tuesday, September 18, 2018 9:30:36 AM  
**Attachments:** [image001.png](#)

Wanted to share this from Leslie below. She didn't have any content issues but would like the report reviewed again for spelling and grammar. I had noted to her the draft she had was from early August which had not yet incorporated some things we shared prior to the updates you recently provided.

**From:** Michael Kainu  
**Sent:** Monday, September 17, 2018 12:59 PM  
**To:** Leslie Cooper <[Leslie.Cooper@psa.gov](mailto:Leslie.Cooper@psa.gov)>  
**Subject:** RE: Risk Assessment Revalidation Report

Thanks Leslie. Avi has since provided an updated copy that incorporates some of the issues you noted that we also brought to his attention from the first draft. We reviewed the document with him on 8/16 at which time we pointed out some of those issues. He had waited until after meeting with the Executive Leadership to update the document but did so last week.

I will have him make sure he reviews that draft again and I will try to do the same to see if anything jumps out at me.

**From:** Leslie Cooper  
**Sent:** Monday, September 17, 2018 12:32 PM  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Cc:** Hala Maktabi <[Hala.Maktabi@psa.gov](mailto:Hala.Maktabi@psa.gov)>; Patricia Smoot <[Patricia.Smoot@psa.gov](mailto:Patricia.Smoot@psa.gov)>; Catherine Terry-Crusor <[Catherine.Terry\\_Crusor@psa.gov](mailto:Catherine.Terry_Crusor@psa.gov)>; Michael Williams <[Michael.Williams@psa.gov](mailto:Michael.Williams@psa.gov)>  
**Subject:** RE: Risk Assessment Revalidation Report

Good afternoon and thanks, Mike. I do not have any specific technical comments, but would like the report to be spell-checked to ensure that all words are correctly used and spelled. I don't have time to do a redline mark-up, but there were several instances of spelling/usage errors that I would like corrected in the final. Thank you.

**From:** Michael Kainu  
**Sent:** Thursday, September 06, 2018 6:46 AM  
**To:** Leslie Cooper <[Leslie.Cooper@psa.gov](mailto:Leslie.Cooper@psa.gov)>; Patricia Smoot <[Patricia.Smoot@psa.gov](mailto:Patricia.Smoot@psa.gov)>; Catherine Terry-Crusor <[Catherine.Terry\\_Crusor@psa.gov](mailto:Catherine.Terry_Crusor@psa.gov)>; Michael Williams <[Michael.Williams@psa.gov](mailto:Michael.Williams@psa.gov)>  
**Cc:** Hala Maktabi <[Hala.Maktabi@psa.gov](mailto:Hala.Maktabi@psa.gov)>; Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Subject:** Risk Assessment Revalidation Report

Good morning,



Avi asked if I could follow up with this group to see if there were any additional comments or feedback on the draft report he submitted in advance of last week's presentation. He would like to finalize the report and submit the social responsibility report as soon as possible. Feel free to let me know if you had anything you wanted me to share with Avi. Thanks!

Yosi, Shira, Kati, Eli

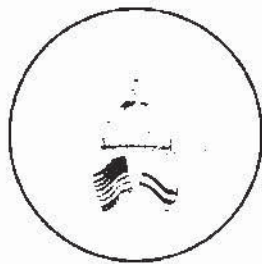
Million of Translating, Trading and Analysis from "Avi"

The "Translating, Trading and Analysis" of that industry - a summary

1. 2010-2011: 100% 100% 100% 100%

2. 2011-2012: 100% 100% 100%

3. 2012-2013: 100% 100%



**This message (including any attachments) is intended only for the use of the individual or entity to which it is addressed and may contain information that is non-public, proprietary, privileged, confidential, or otherwise exempt from disclosure under applicable law. If you are not the intended recipient, you are hereby notified that any use, dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please call 202-550-3816 and (i) destroy this message if a facsimile or (ii) delete this message immediately if this is an electronic communication.**

**From:** [Laura House](#)  
**To:** [Avinash Bhati \(abhati@maxarth.com\)](#)  
**Cc:** [Kenneth Chen](#)  
**Subject:** FW: Updated risk assessment data [Secure]  
**Date:** Thursday, November 2, 2017 9:08:39 PM  
**Attachments:** [Risk Assessment revalidation dataset FY16.xlsx](#)

**From:** Laura House  
**Sent:** Thursday, November 2, 2017 9:07 PM  
**To:** Avinash Bhati ([abhati@maxarth.com](#)) <[abhati@maxarth.com](#)>  
**Cc:** Kenneth Chen <[Kenneth.Chen@psa.gov](#)>  
**Subject:** FW: Updated risk assessment data [Secure]

**From:** Laura House  
**Sent:** Thursday, November 2, 2017 6:10 PM  
**To:** Avinash Bhati ([abhati@maxarth.com](#)) <[abhati@maxarth.com](#)>  
**Cc:** Kenneth Chen <[Kenneth.Chen@psa.gov](#)>  
**Subject:** Updated risk assessment data [Secure]

Hello Avi Please find attached the risk assessment data. Please let us know if you can open the files.  
Thanks.

Laura

**From:** [Laura House](#)  
**To:** [Avinash Bhati \(abhati@maxarth.com\)](#)  
**Cc:** [Kenneth Chen](#)  
**Subject:** FW: Updated risk assessment data [Secure]  
**Date:** Thursday, November 2, 2017 9:08:06 PM  
**Attachments:** [Risk Assessment revalidation dataset FY17.xlsx](#)

**From:** Laura House  
**Sent:** Thursday, November 2, 2017 9:07 PM  
**To:** Avinash Bhati ([abhati@maxarth.com](#)) <[abhati@maxarth.com](#)>  
**Cc:** Kenneth Chen <[Kenneth.Chen@psa.gov](#)>  
**Subject:** FW: Updated risk assessment data [Secure]

**From:** Laura House  
**Sent:** Thursday, November 2, 2017 6:10 PM  
**To:** Avinash Bhati ([abhati@maxarth.com](#)) <[abhati@maxarth.com](#)>  
**Cc:** Kenneth Chen <[Kenneth.Chen@psa.gov](#)>  
**Subject:** Updated risk assessment data [Secure]

Hello Avi Please find attached the risk assessment data. Please let us know if you can open the files.  
Thanks.

Laura



**From:** [Laura House](#)  
**To:** [Avinash Bhati \(abhathi@maxarth.com\)](#)  
**Cc:** [Kenneth Chen](#)  
**Subject:** FW: Updated risk assessment data [Secure]  
**Date:** Thursday, November 2, 2017 9:07:19 PM  
**Attachments:** [Risk Assessment revalidation dataset FY17.xlsx](#)  
[Risk Assessment revalidation dataset FY15.xlsx](#)  
[Risk Assessment revalidation dataset FY16.xlsx](#)

**From:** Laura House  
**Sent:** Thursday, November 2, 2017 6:10 PM  
**To:** Avinash Bhati (abhathi@maxarth.com) <abhathi@maxarth.com>  
**Cc:** Kenneth Chen <Kenneth.Chen@psa.gov>  
**Subject:** Updated risk assessment data [Secure]

Hello Avi Please find attached the risk assessment data. Please let us know if you can open the files.  
Thanks.

Laura

**From:** [Laura House](#)  
**To:** [Avinash Bhati \(abhati@maxarth.com\)](#)  
**Cc:** [Kenneth Chen](#)  
**Subject:** FW: Updated risk assessment data [Secure]  
**Date:** Thursday, November 2, 2017 9:09:02 PM  
**Attachments:** [Risk Assessment revalidation dataset FY15.xlsx](#)

**From:** Laura House  
**Sent:** Thursday, November 2, 2017 9:07 PM  
**To:** Avinash Bhati ([abhati@maxarth.com](#)) <[abhati@maxarth.com](#)>  
**Cc:** Kenneth Chen <[Kenneth.Chen@psa.gov](#)>  
**Subject:** FW: Updated risk assessment data [Secure]

**From:** Laura House  
**Sent:** Thursday, November 2, 2017 6:10 PM  
**To:** Avinash Bhati ([abhati@maxarth.com](#)) <[abhati@maxarth.com](#)>  
**Cc:** Kenneth Chen <[Kenneth.Chen@psa.gov](#)>  
**Subject:** Updated risk assessment data [Secure]

Hello Avi Please find attached the risk assessment data. Please let us know if you can open the files.  
Thanks.

Laura

**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#)  
**Subject:** Fwd: Health Tabulation Meeting Notes  
**Date:** Friday, March 2, 2018 5:17:53 PM  
**Attachments:** [image001.png](#)  
[ATT00001.htm](#)  
[EmotionalPhysicalFindings.xlsx](#)  
[ATT00002.htm](#)

(b)(4); (b)(5); (b)(7)(E)

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

Begin forwarded message:

**From:** Hala Maktabi <[Hala.Maktabi@psa.gov](mailto:Hala.Maktabi@psa.gov)>  
**Subject: RE: Health Tabulation Meeting Notes**  
**Date:** March 2, 2018 at 11:38:38 AM EST  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>, Kenneth Chen  
<[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)>, Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Cc:** Demond Tigs <[Demond.Tigs@psa.gov](mailto:Demond.Tigs@psa.gov)>

Thank you Mike! I need more context for proposed recommendation:

What precipitated this issue?

What is the magnitude of the increase and decrease in risk associated with zeroing this out? What effects on public safety?

What are risks associated with not making any changes?

Suggest your justification follows :1) context 2) challenge 3) assessment 2) recommendation

Thank you,  
Hala

**From:** Michael Kainu

**Sent:** Thursday, March 1, 2018 4:04 PM

**To:** Hala Maktabi <[Hala.Maktabi@psa.gov](mailto:Hala.Maktabi@psa.gov)>; Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)>;  
Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>

**Cc:** Demond Tigs <[Demond.Tigs@psa.gov](mailto:Demond.Tigs@psa.gov)>

**Subject:** Health Tabulation Meeting Notes

Here are the [notes](#) and [cata](#) from what was discussed during the meeting today. I have included the attachments for Avi's benefit since he can't access the shared drive.

(b)(5)

Michael Kainu  
Office of Training, Policy and Analysis (OP&A),  
Department of Homeland Security, Office of the Principal Advisor, O&A  
1000 ...  
...  
...  
...

**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#)  
**Subject:** Fwd: Maxarth LLC invoice for contract PSA17C0043  
**Date:** Thursday, March 1, 2018 1:13:01 PM  
**Attachments:** [MaxarthLLC\\_DCPSA03-004.pdf](#)  
[ATT00001.htm](#)

fyi - Mike.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

Begin forwarded message:

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Subject:** Maxarth LLC invoice for contract PSA17C0043  
**Date:** February 26, 2018 at 1:44:44 PM EST  
**To:** [PSAInvoices-Accounting@psa.gov](mailto:PSAInvoices-Accounting@psa.gov)

Hello:

Please find attached an invoice from Maxarth LLC for work conducted under contract PSA17C0043.

Thank you.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Laura House](#)  
**To:** [avibhati@gmail.com](mailto:avibhati@gmail.com)  
**Subject:** Fwd: Maxarth LLC past performance evaluation  
**Date:** Wednesday, November 2, 2016 8:48:35 AM

Hello Avi- our contract officer asked if you could please forward the questionnaire Dunn sent you? Thanks.

Sent from my iPhone

Begin forwarded message:

**From:** Jeffery Brakebill <[Jeffery.Brakebill@psa.gov](mailto:Jeffery.Brakebill@psa.gov)>  
**Date:** November 2, 2016 at 8:30:22 AM EDT  
**To:** Laura House <[Laura.House@psa.gov](mailto:Laura.House@psa.gov)>  
**Subject:** RE: Maxarth LLC past performance evaluation

Laura,

Would you ask them to forward the questionnaire they received from DNB?

**Jeffery C. Brakebill, C.P.M.**  
Contracting Officer

PSA's mission is to *Promote Pretrial Justice and Enhance Community Safety*

**From:** Laura House  
**Sent:** Tuesday, November 01, 2016 3:40 PM  
**To:** Jeffery Brakebill  
**Subject:** Fwd: Maxarth LLC past performance evaluation

Hi Jeff,

A former contractor asked for a reference yesterday. I wanted to find out how I should go about this. Do we have an existing process for this? Thanks.

Laura

Begin forwarded message:

**From:** Avinash Bhati <[avibhati@gmail.com](mailto:avibhati@gmail.com)>  
**Date:** October 31, 2016 at 3:16:16 PM EDT  
**To:** Laura House <[Laura.House@psa.gov](mailto:Laura.House@psa.gov)>  
**Subject:** Re: Maxarth LLC past performance evaluation

Thanks Laura.

Avinash Bhati, PhD  
President Maxarth LLC  
509 Cedar Spring Street,  
Gaithersburg, MD 20877  
[www.maxarth.com](http://www.maxarth.com)

On Oct 31, 2016, at 2:37 PM, Laura House  
<[Laura.House@psa.gov](mailto:Laura.House@psa.gov)> wrote:

Hi Avi,

Hope all is well. No problem. I should be able to take care of this. Let me contact our Contract team first though.

Sent from my iPhone

On Oct 31, 2016, at 12:55 PM, Avinash Bhati  
<[avibhati@gmail.com](mailto:avibhati@gmail.com)> wrote:

Hi Laura:

Hope you are doing well.

(b)(4)



Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
509 Cedar Spring Street,  
Gaithersburg, MD 20877  
[www.maxarth.com](http://www.maxarth.com)



**From:** [Avinash Bhati](#)  
**To:** [Kenneth Chen](#)  
**Cc:** [Avinash Bhati](#)  
**Subject:** Fwd: Response to conduct data  
**Date:** Monday, April 9, 2018 1:09:58 PM

Trying again. Please respond to all and we'll see.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

Begin forwarded message:

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Subject:** Response to conduct data  
**Date:** April 5, 2018 at 6:56:29 PM EDT  
**To:** Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)>

Hi Ken:

(b)(4); (b)(5)

Can you check your code to see how the join was done.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#); [Kenneth Chen](#)  
**Subject:** Fwd: STATA file for PSA  
**Date:** Friday, January 19, 2018 12:13:43 PM  
**Attachments:** [00\\_FinalDataProcessing\\_PSA \(STATA\).pdf](#)  
[ATT00001.htm](#)

Mike/Ken:

(b)(4); (b)(5); (b)(6); (b)(7)(C)

[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

Begin forwarded message:

**From:** "Avinash Bhati" <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Subject:** STATA file for PSA  
**Date:** May 22, 2012 at 6:04:53 PM EDT

(b)(4); (b)(5); (b)(6); (b)(7)(C)

Avi Bhati, Ph.D.  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
509 Cedar Spring Street

Gaithersburg, MD 20877

[www.maxarth.com](http://www.maxarth.com)

**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#); [Kenneth Chen](#)  
**Subject:** Fwd: STATA file for PSA  
**Date:** Friday, January 19, 2018 12:13:43 PM  
**Attachments:** [00\\_FinalDataProcessing\\_PSA \(STATA\).pdf](#)  
[ATT00001.htm](#)

**Mike/Ken:**

(b)(4); (b)(5); (b)(6); (b)(7)(C)

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

Begin forwarded message:

**From:** "Avinash Bhati" <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Subject:** STATA file for PSA  
**Date:** May 22, 2012 at 6:04:53 PM EDT

(b)(4); (b)(5); (b)(6); (b)(7)(C)

Avi Bhati, Ph.D.  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
509 Cedar Spring Street

Gaithersburg, MD 20877

[www.maxarth.com](http://www.maxarth.com)

**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#); [Kenneth Chen](#)  
**Subject:** Fwd: updated charge category severity file  
**Date:** Friday, January 19, 2018 12:09:40 PM  
**Attachments:** [Criminal History Internal - Unique Charges 0713.xlsx](#)  
[ATT00001.htm](#)

Hi Mike/Ken:

(b)(4); (b)(5); (b)(6); (b)(7)(C)

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

Begin forwarded message:

**From:** "Spurgeon Kennedy" <[Spurgeon.Kennedy@psa.gov](mailto:Spurgeon.Kennedy@psa.gov)>  
**Subject:** updated charge category severity file  
**Date:** November 25, 2011 at 2:08:47 PM EST  
**To:** "Laura House" <[Laura.House@psa.gov](mailto:Laura.House@psa.gov)>, "Kim, KiDeuk" <[KKim@urban.org](mailto:KKim@urban.org)>, "Avi Bhati" <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Cc:** "Michael Kainu" <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>, "Kenneth Chen" <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)>, "Sharon Banks" <[Sharon.Banks@psa.gov](mailto:Sharon.Banks@psa.gov)>

(b)(4); (b)(5); (b)(6); (b)(7)(C)

**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#); [Kenneth Chen](#)  
**Subject:** Fwd: updated charge category severity file  
**Date:** Friday, January 19, 2018 12:09:40 PM  
**Attachments:** [Criminal History Internal - Unique Charges 0713.xlsx](#)  
[ATT00001.htm](#)

Hi Mike/Ken:

(b)(4); (b)(5); (b)(6); (b)(7)(C)

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

Begin forwarded message:

**From:** "Spurgeon Kennedy" <[Spurgeon.Kennedy@psa.gov](mailto:Spurgeon.Kennedy@psa.gov)>  
**Subject:** updated charge category severity file  
**Date:** November 25, 2011 at 2:08:47 PM EST  
**To:** "Laura House" <[Laura.House@psa.gov](mailto:Laura.House@psa.gov)>, "Kim, KiDeuk" <[KKim@urban.org](mailto:KKim@urban.org)>, "Avi Bhati" <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Cc:** "Michael Kainu" <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>, "Kenneth Chen" <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)>, "Sharon Banks" <[Sharon.Banks@psa.gov](mailto:Sharon.Banks@psa.gov)>

(b)(4); (b)(5); (b)(6); (b)(7)(C)



**From:** [Avinash Bhati](#)  
**To:** [Kenneth Chen](#)  
**Subject:** Fwd: Updated RAI database  
**Date:** Wednesday, November 8, 2017 4:08:43 PM

Hi Ken:

(b)(4); (b)(5); (b)(6); (b)(7)(C)

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

Begin forwarded message:

**From:** "Spurgeon Kennedy" <[Spurgeon.Kennedy@psa.gov](mailto:Spurgeon.Kennedy@psa.gov)>  
**Subject:** FW: Updated RAI database  
**Date:** May 11, 2015 at 3:34:16 PM EDT  
**To:** "Avinash Bhati ([abhati@maxarth.com](mailto:abhati@maxarth.com))" <[abhati@maxarth.com](mailto:abhati@maxarth.com)>

(b)(5)

**From:** Kenneth Chen  
**Sent:** Monday, May 11, 2015 3:11 PM  
**To:** Spurgeon Kennedy  
**Subject:** RE: Updated RAI database

That will be question to CSOSA IT. We can "get", not sure about "put"?

**From:** Spurgeon Kennedy  
**Sent:** Monday, May 11, 2015 3:08 PM  
**To:** Kenneth Chen  
**Subject:** Re: Updated RAI database

Thanks. I will let Avi know. Don't think we can flip these, correct?

**From:** Kenneth Chen  
**Sent:** Monday, May 11, 2015 01:33 PM  
**To:** Spurgeon Kennedy  
**Cc:** Laura House; Sharon Banks  
**Subject:** RE: Updated RAI database


Save to RADSI IARE as Redzone 20150511

**From:** Spurgeon Kennedy  
**Sent:** Monday, May 11, 2015 9:44 AM  
**To:** Kenneth Chen  
**Cc:** Laura House  
**Subject:** RE: Updated RAI database

Sure. Make sure Sharon gets that as well.

*Kennu*

(b)(5); (b)(6); (b)(7)(C)



**From:** Kenneth Chen  
**Sent:** Monday, May 11, 2015 9:40 AM  
**To:** Spurgeon Kennedy  
**Cc:** Laura House  
**Subject:** RE: Updated RAI database

(b)(5)



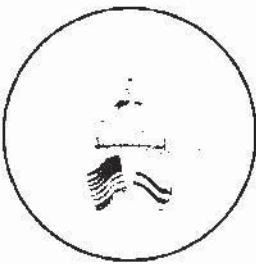
(b)(5)



**From:** [Michael Kainu](#)  
**To:** [Hala Maktabi](#); [Sharon Banks](#); "[Avinash Bhati](#)"  
**Subject:** Go To Meeting Link  
**Date:** Monday, March 25, 2019 2:05:03 PM  
**Attachments:** [image001.png](#)

<https://www.gotomeet.me/MichaelKainu>

To: Mr. K. L. Bhat  
Office of the Director, National Security Agency  
The United States Secretariat for the Defense of Columbia  
at: [michaelkainu.me](#) or  
"michaelkainu" or  
at: [michaelkainu](#)



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**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#); [Kenneth Chen](#)  
**Subject:** Happy New Year and Followup  
**Date:** Tuesday, January 2, 2018 10:52:45 AM

Good morning Mike and Ken:

Happy New Year. Hope you both had a good break.

Following up where we left of before the break. I am working on documenting the findings for the revalidation work. I also want to get the analysis plan for the next task written up asap. Hope to have both before the end of this week. I need some information on the following ...

1. Some input on the needs assessment work that PSA is currently doing or planning on doing (from Mike).
2. The pdf of the tableau screenshots and a list of supervision log types and subtypes if they are available (from Ken).

Thanks.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Hala Maktabi](#)  
**To:** [Avinash Bhati](#)  
**Subject:** heads up  
**Date:** Friday, June 1, 2018 11:56:00 AM  
**Attachments:** [image001.png](#)

Dear Avi,

Hope all is going very well! A quick heads up to say Leslie will be connecting you in the next couple days with another jurisdiction interested in the kind of modelling you do, please feel free to pursue the connection as you feel appropriate.

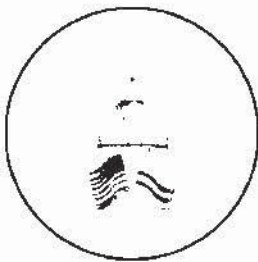
Thank you and wishes for a great weekend,  
Hala

### **Hala Maktabi, PhD, MPH**

Director, Office of Planning, Policy and Analysis (OPPA) / Agency Performance Improvement Officer  
Office of the Director, Pretrial Services Agency for DC

Cell: 202-577-4226

Email: [Hala.Maktabi@psa.gov](mailto:Hala.Maktabi@psa.gov)

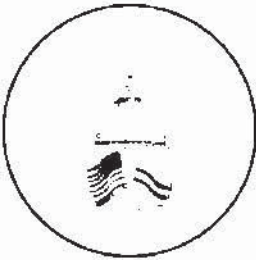


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**From:** [Michael Kainu](#)  
**To:** [Hala Maktabi](#); [Kenneth Chen](#); [Avinash Bhati](#)  
**Cc:** [demon.d.tigs@psa.gov](mailto:demon.d.tigs@psa.gov)  
**Subject:** Health Tabulation Meeting Notes  
**Date:** Thursday, March 1, 2018 4:04:00 PM  
**Attachments:** [image001.png](#)  
[03.01.18 Meeting.docx](#)  
[Emotional-Physical Health Tabulation.xlsx](#)

(b)(5)

Office of Planning, Policy and Analysis  
The United States Department of Justice  
c/o DOJ Office of the Inspector General  
1000 Independence Avenue, S.W.  
Washington, D.C. 20535



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**From:** [Avinash Bhati](#)  
**To:** [Kenneth Chen](#); [Michael Kainu](#); [Demond Tigs](#)  
**Subject:** Internal/External History Files  
**Date:** Thursday, January 25, 2018 11:10:36 AM

Good Morning Gentlemen:

Hope you are all doing well. Here's hoping that congress can figure things out before Feb 8 so we don't have another set down.

(b)(4); (b)(5)



Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#)  
**Subject:** June Progress Report  
**Date:** Thursday, June 21, 2018 8:09:15 PM  
**Attachments:** [PSA17C0043\\_Q3\\_ProgressReport.pdf](#)  
[ATT00001.htm](#)

Hi Mike:

Please take a look and let me know if this level of detail is enough for what you guys need.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Avinash Bhati](#)  
**To:** [PSA Invoices-Accounting](#)  
**Cc:** [Michael Kainu](#)  
**Subject:** Maxarth LLC invoice for contract PSA17C0043  
**Date:** Thursday, August 30, 2018 7:44:32 PM  
**Attachments:** [MaxarthLLC\\_DCPSA03-010.pdf](#)  
[ATT00001.htm](#)

Hello:

Please find attached an invoice from Maxarth LLC for work conducted under contract PSA17C0043.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Avinash Bhati](#)  
**To:** [PSA Invoices-Accounting](#)  
**Cc:** [Michael Kainu](#)  
**Subject:** Maxarth LLC invoice for contract PSA17C0043  
**Date:** Friday, May 18, 2018 5:14:35 PM  
**Attachments:** [MaxarthLLC\\_DCPSA03-007.pdf](#)  
[ATT00001.htm](#)

Hello:

Please find attached an invoice from Maxarth LLC for work conducted under contract PSA17C0043.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Avinash Bhati](#)  
**To:** [PSA Invoices-Accounting](#)  
**Cc:** [Michael Kainu](#)  
**Subject:** Maxarth LLC invoice for contract PSA17C0043  
**Date:** Sunday, September 9, 2018 11:58:09 AM  
**Attachments:** [MaxarthLLC\\_DCPSA03-011.pdf](#)  
[ATT00001.htm](#)

Hello:

Please find attached an invoice from Maxarth LLC for work conducted under contract PSA17C0043.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Avinash Bhati](#)  
**To:** [PSA Invoices-Accounting](#)  
**Cc:** [Michael Kainu](#)  
**Subject:** Maxarth LLC invoice for contract PSA17C0043  
**Date:** Sunday, December 2, 2018 8:01:49 PM  
**Attachments:** [MaxarthLLC\\_DCPSA03-014.pdf](#)  
[ATT00001.htm](#)

Hello:

Please find attached an invoice from Maxarth LLC for work conducted under contract PSA17C0043.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Avinash Bhati](#)  
**To:** [PSA Invoices-Accounting](#)  
**Cc:** [Michael Kainu](#)  
**Subject:** Maxarth LLC invoice for contract PSA17C0043  
**Date:** Thursday, October 4, 2018 1:48:08 PM  
**Attachments:** [MaxarthLLC\\_DCPSA03-012.pdf](#)  
[ATT00001.htm](#)

Hello:

Please find attached an invoice from Maxarth LLC for work conducted under contract PSA17C0043.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)



**From:** [Avinash Bhati](#)  
**To:** [PSA Invoices-Accounting](#)  
**Cc:** [Michael Kainu](#)  
**Subject:** Maxarth LLC invoice for contract PSA17C0043  
**Date:** Thursday, June 21, 2018 6:47:25 PM  
**Attachments:** [MaxarthLLC\\_DCPSA03-008.pdf](#)  
[ATT00001.htm](#)

Hello:

Please find attached an invoice from Maxarth LLC for work conducted under contract PSA17C0043.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Avinash Bhati](#)  
**To:** [PSA Invoices-Accounting](#); [Michael Kainu](#)  
**Subject:** Maxarth LLC invoice for contract PSA17C0043  
**Date:** Thursday, April 19, 2018 7:31:27 PM  
**Attachments:** [MaxarthLLC\\_DCPSA03-006.pdf](#)  
[ATT00001.htm](#)

Hello:

Please find attached an invoice from Maxarth LLC for work conducted under contract PSA17C0043.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Avinash Bhati](#)  
**To:** [PSA Invoices-Accounting](#)  
**Cc:** [Michael Kainu](#)  
**Subject:** Maxarth LLC invoice for contract PSA17C0043  
**Date:** Monday, March 19, 2018 9:20:44 PM  
**Attachments:** [MaxarthLLC\\_DCPSA03-005.pdf](#)  
[ATT00001.htm](#)

Hello:

Please find attached an invoice from Maxarth LLC for work conducted under contract PSA17C0043.

Thank you.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Avinash Bhati](#)  
**To:** [PSA Invoices-Accounting; Michael Kainu](#)  
**Subject:** Maxarth LLC invoice for contract PSA17C0043  
**Date:** Wednesday, January 10, 2018 5:32:41 PM  
**Attachments:** [MaxarthLLC\\_DCPSA03-003.pdf](#)  
[ATT00001.htm](#)

Hello:

Please find attached an invoice from Maxarth LLC for work performed under contract PSA17C0043.

Thank you.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Avinash Bhati](#)  
**To:** [PSA Invoices-Accounting](#)  
**Cc:** [Michael Kainu](#)  
**Subject:** Maxarth LLC invoice for contract PSA17C0043  
**Date:** Sunday, February 17, 2019 4:10:55 PM  
**Attachments:** [MaxarthLLC\\_DCPSA03-016.pdf](#)  
[ATT00001.htm](#)

Hello:

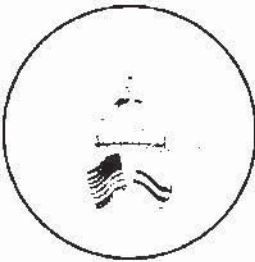
Please find attached an invoice from Maxarth LLC for work conducted under contract PSA17C0043.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** Michael Kainu  
**To:** "Avinash Bhati"  
**Subject:** Meeting Next Week  
**Date:** Thursday, March 15, 2018 11:43:15 AM  
**Attachments:** [image001.png](#)

Any chance you think we could meet next week via Go To Meeting or is in person preferable? Just trying to juggle some things around since I am on leave in the latter part of the week.

Dr. Michael Kainu  
Office of Homeland Policy and Strategy  
The Center for Strategic Studies, University of Colorado  
at Boulder  
1000 Regent Blvd  
Boulder, CO 80502  
Tel: 303.440.1001



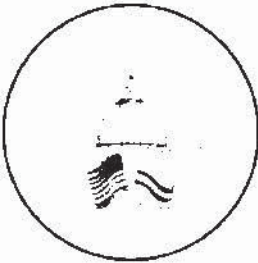
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**From:** [Michael Kainu](#)  
**To:** [Hala Maktabi](#); [Kenneth Chen](#); [demand.tigs@psa.gov](mailto:demand.tigs@psa.gov); [Avinash Bhat](#)  
**Subject:** Meeting Notes  
**Date:** Tuesday, February 27, 2018 3:41:00 PM  
**Attachments:** [image001.png](#)  
[02.27.18 Meeting.docx](#)

Here the notes from today's meeting. Please let me know if I have missed or misrepresented anything.

Hala and Ken, a copy is also here

1. The Isomorphism of Homomorphisms and Automorphisms  
 The "main" section of the "Introduction" is devoted to the study of the isomorphism of homomorphisms and automorphisms of the algebra  $A$ . The main result of this section is the following theorem:



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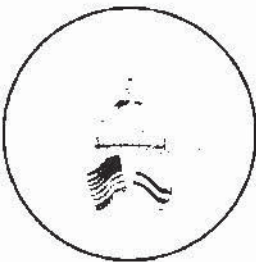


**From:** [Michael Kainu](#)  
**To:** ["Avinash Bhati"](#)  
**Cc:** [Kenneth Chen](#)  
**Subject:** Missing USDC Cases  
**Date:** Friday, November 16, 2018 12:22:43 PM  
**Attachments:** [dataset Missing DC cases.xlsx](#)  
[image001.png](#)

Avi,

(b)(4); (b)(5)

Michael Kainu,  
Attorney at Law, 1000 Pennsylvania Avenue, NW  
The Justice Center, 10th Floor, Washington, DC 20004  
202.550.3816  
michael.kainu@epic.org  
Washington, DC 20004



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**From:** [Avinash Bhati](#)  
**To:** [Hala Maktabi](#)  
**Subject:** Mon morning meeting  
**Date:** Thursday, May 2, 2019 4:01:42 PM

Good evening Hala:

Hope all is well.

As you saw from the email exchange with Mike et al, I will be at 633 Indiana on Monday afternoon (1-3 pm) to meet with the team. Since I am at 633, I want to use the opportunity to meet with project staff from the agency. Since the project is winding down, I like to have an "exit interview" of sorts so I can get feedback from the agency on the contract.

Do you have some time to meet with me 1-on-1 sometime Mon morning? I just need about 20-30 minutes of your time.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
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12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#); [Demond Tigs](#); [Kenneth Chen](#)  
**Subject:** NAPSA workshop  
**Date:** Friday, February 9, 2018 9:40:39 PM  
**Attachments:** [NAPSA 2018 Conference Workshop Proposals 012918.pdf](#)  
[ATT00001.htm](#)

(b)(4); (b)(5)

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[www.maxarth.com](http://www.maxarth.com)

**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#)  
**Cc:** [Hala Maktabi](#); [Sharon Banks](#)  
**Subject:** Number to call into ...  
**Date:** Monday, March 25, 2019 1:59:22 PM

Hi all - I just realized I don't have a number to call into. Can someone send me a number OR you can call me on my cell (below).

Talk soon. Thanks.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#)  
**Subject:** Old vs Interim36 vs Final42 models  
**Date:** Friday, September 28, 2018 10:54:33 AM  
**Attachments:** [Old New ModelPredictors.xlsx](#)  
[ATT00001.htm](#)

Morning Mike:

(b)(4); (b)(5)

Avi Bhati, PhD  
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North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Hala Maktabi](#)  
**To:** [Avinash Bhati](#)  
**Cc:** [Michael Kainu](#)  
**Subject:** overview of revalidated RAI  
**Date:** Monday, April 1, 2019 1:44:00 PM  
**Attachments:** [image001.png](#)

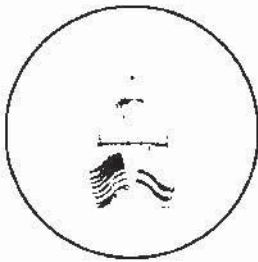
Dear Avi,

(b)(4); (b)(5)

Thank you and wishes for a great afternoon,  
Hala

**Hala Maktabi, PhD, MPH**

Director, Office of Planning, Policy and Analysis (OPPA) / Agency Performance Improvement Officer  
Office of the Director, Pretrial Services Agency for DC  
Cell: 202-577-4226  
Email: [Hala.Maktabi@psa.gov](mailto:Hala.Maktabi@psa.gov)



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**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#)  
**Subject:** Phone and In-Person Reporting additional analysis  
**Date:** Thursday, December 20, 2018 10:12:56 AM  
**Attachments:** [ReleaseConditions20181220.xlsx](#)  
[ATT00001.htm](#)

Hi Mike:

(b)(4); (b)(5)

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
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12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)



**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#)  
**Subject:** Predictive Bias Report  
**Date:** Sunday, February 17, 2019 3:44:15 PM  
**Attachments:** [PredictiveBiasReport20190216.pdf](#)  
[ATT00001.htm](#)

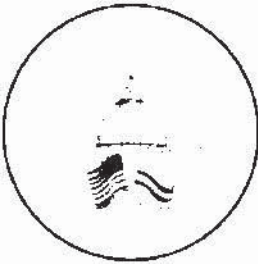
Hi Mike - I believe this is the last deliverable I owe you - other than the implementation support once PSA IT folks get the algorithm/weights coded. Let me know if I've missed anything. Thanks.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
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12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Michael Kainu](#)  
**To:** [Avinash Bhati](#)  
**Subject:** Predictive Bias/Social Responsibility Report  
**Date:** Monday, June 10, 2019 11:10:00 AM  
**Attachments:** [RAI Predictive Bias Report 05.06.19 EAA comments.pdf](#)  
[image001.png](#)

(b)(4); (b)(5); (b)(6); (b)(7)(C)

On Tue, 11 Jun 2019,  
Michael Kainu <Michael.Kainu@EAA.org>  
wrote:  
> The attached is a copy of the report that was  
> submitted to the EAA on June 10, 2019.  
> The report is a copy of the report that was  
> submitted to the EAA on June 10, 2019.  
> The report is a copy of the report that was  
> submitted to the EAA on June 10, 2019.



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**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#)  
**Subject:** Preparing for the shut down  
**Date:** Friday, January 19, 2018 1:00:30 PM

Hi Mike:

Can you get a quick response from the contracting office about Maxarth's outstanding payment in the event of a shut down later tonight. I know from past experience that contractors cannot incur new expenses during a shut down. But will Maxarth get payed for the invoice submitted on January 10 in case of a shut down? Just need some guidance for planning purposes. Thanks.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#)  
**Subject:** Presentation for today's meeting  
**Date:** Thursday, May 17, 2018 9:19:41 AM  
**Attachments:** [DCPSA20180517.pptx](#)  
[ATT00001.htm](#)

Mike:


My apologies for the delay. Attached is the presentation for today's meeting. I'll bring it with me on a drive as well in case you don't get the chance to load it.

Thanks - see you this afternoon.

Avi Bhati, PhD  
President Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#)  
**Subject:** Presentation for Wed  
**Date:** Monday, August 27, 2018 5:36:58 PM  
**Attachments:** [DCPSA20180829.pptx](#)  
[ATT00001.htm](#)

(b)(4); (b)(5)



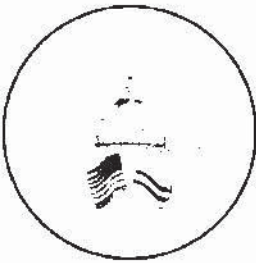
Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Michael Kainu](#)  
**To:** [Avinash Bhati](#)  
**Subject:** Presentation  
**Date:** Wednesday, August 1, 2018 12:47:00 PM  
**Attachments:** [image001.png](#)

Just found out from Hala I need to reschedule the presentation from the 16<sup>th</sup> to the last week in August as she will not be here. Any date work or not work the week of August 27th for you? I haven't even started to look at calendars on our end (i.e. Leslie, Cathy and Mike) to see what works.

Also, what does this do implementation since the contract is supposed to be completed by 9/6/18?

On Tue, 10 Jul 2018  
at 10:41 AM, Michael Kainu <[michael.kainu@epic.org](mailto:michael.kainu@epic.org)>  
wrote:  
The Health Service Agency for the District of Columbia  
is seeking a contractor to provide  
the following services:  
on a per diem basis



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**From:** [Avinash Bhati](#)  
**To:** [Leslie Cooper](#)  
**Cc:** [Hala Maktabi](#)  
**Subject:** Pretrial Supervision Recommender System  
**Date:** Monday, August 27, 2018 7:07:39 PM  
**Attachments:** [MaxarthLLC20180827PretrialRecommenderSystemMemo.pdf](#)  
[ATT00001.htm](#)

(b)(4); (b)(5); (b)(6); (b)(7)(C)

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#)  
**Subject:** Progress Report 2018Q1  
**Date:** Tuesday, April 10, 2018 2:12:26 PM  
**Attachments:** [PSA17C0043\\_Q2\\_ProgressReport.pdf](#)  
[ATT00001.htm](#)

Hi Mike:

Please find attached the progress report for the second quarter of the project (Jan-Mar 2018).

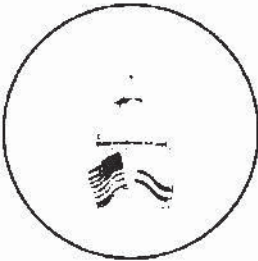
Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)



**From:** Michael Kainu  
**To:** Hala Maktabi; Kenneth Chen; Demond Tigs; "Avinash Bhati"  
**Subject:** PSA Executives Presentation Notes/Action Items 2.22.18  
**Date:** Friday, February 23, 2018 10:08:45 AM  
**Attachments:** image001.png

(b)(4); (b)(5)

Michael Kainu  
Officer of the Immigration and Customs Enforcement  
The United States Customs and Border Protection  
1000 Pennsylvania Avenue, NW  
Washington, DC 20536  
202-550-3816

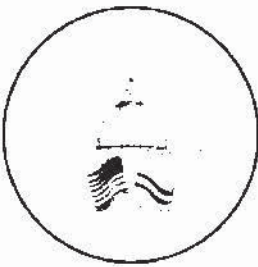


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**From:** [Michael Kainu](#)  
**To:** [Michael McGuinness](#)  
**Cc:** [Laura House](#)  
**Subject:** PSA Needs Assessment  
**Date:** Friday, December 15, 2017 12:01:59 PM  
**Attachments:** [image001.png](#)

(b)(5)

Michael R. Kainu  
Program Analyst, Office of Planning, Policy and Analysis  
The Pretrial Services Agency for the District of Columbia  
633 Indiana Avenue, 11<sup>th</sup> Floor  
Washington, DC 20004  
202-550-3816 (Cell)

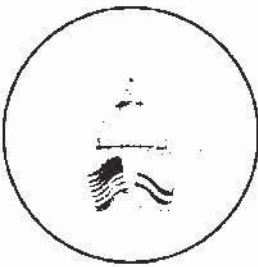


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**From:** [Michael Kainu](#)  
**To:** [Michael McGuinness](#)  
**Cc:** [Laura House](#)  
**Subject:** PSA Needs Assessment  
**Date:** Friday, December 15, 2017 12:01:59 PM  
**Attachments:** [image001.png](#)

(b)(5)

Michael R. Kainu  
Program Analyst, Office of Planning, Policy and Analysis  
The Pretrial Services Agency for the District of Columbia  
633 Indiana Avenue, 11<sup>th</sup> Floor  
Washington, DC 20004  
202-550-3816 (Cell)



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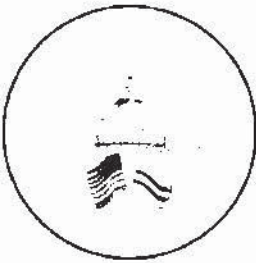
**From:** [Michael Kainu](#)  
**To:** ["Avinash Bhati"](#)  
**Cc:** [Hala Maktabi](#); [Kenneth Chen](#); [Demond Tigs](#)  
**Subject:** PSA Revised Risk Assessment Instrument (RAI)  
**Date:** Tuesday, October 30, 2018 1:40:01 PM  
**Attachments:** [image001.png](#)

(b)(5)



[View the RAI here](#)  
[Download the RAI here](#)

The United States Department of Justice  
Federal Bureau of Investigation  
Washington, D.C. 20535  
AD-1000-1000000



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**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#)  
**Cc:** [Laura House](#)  
**Subject:** PSA17C0043 RAI Re-validation study Report 1  
**Date:** Monday, January 8, 2018 1:16:55 AM  
**Attachments:** [PSA17C0043\\_RAI\\_RevalReport1.pdf](#)  
[ATT00001.htm](#)

Good morning Mike:

Please find attached the revalidation study report 1. This is the preliminary findings for the straight revalidation effort. I am working on finalizing the analysis plan for the next phase of the effort and hope to send that to you tomorrow.

I am cc'ing Laura on this email based on our conversation last week. Please forward the report to all relevant parties. Looking forward to the meeting Tue afternoon. Happy to discuss this report and the next steps at the meeting.

Thanks.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Rachel Dobbs](#)  
**To:** [abhati@maxarth.com](mailto:abhati@maxarth.com)  
**Cc:** [Michael Kainu](#)  
**Subject:** PSA17C0043P00002 Modification.pdf  
**Date:** Friday, February 22, 2019 10:58:52 AM  
**Attachments:** [PSA17C0043P00002 Modification.pdf](#)  
[image001.png](#)

Good Morning Dr. Bhati,

Attached is the contract modification extending services. If you have any questions feel free to contact me.

Rachel Dobbs  
Contract Specialist  
(202) 220-5657  
[rachel.dobbs@psa.gov](mailto:rachel.dobbs@psa.gov)



**From:** [Hala Maktabi](#)  
**To:** [Avinash Bhati](#)  
**Cc:** [Michael Kainu](#)  
**Subject:** question - overall risk score  
**Date:** Tuesday, October 9, 2018 2:36:00 PM  
**Attachments:** [image001.png](#)

Dear Avi,

(b)(5)

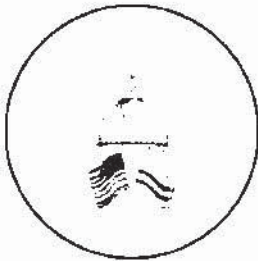
Thank you,  
Hala

**Hala Maktabi, PhD, MPH**

Director, Office of Planning, Policy and Analysis (OPPA) / Agency Performance Improvement Officer  
Office of the Director, Pretrial Services Agency for DC

Cell: 202 577 4226

Email: [Hala.Maktabi@psa.gov](mailto:Hala.Maktabi@psa.gov)



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**From:** [Laura House](#)  
**To:** [Avinash Bhati \(abhati@maxarth.com\)](#)  
**Subject:** Question  
**Date:** Tuesday, June 20, 2017 7:51:44 AM

Hi Avi,

How are you? Hope all is well. Can you please give me a call when you have a moment. I have an important question that I need to ask you about the work you did on our risk assessment instrument and need to get some insight fairly quickly. My number is (b)(6); (b)(7)(C) Thanks.

Laura House

**From:** [Kenneth Chen](#)  
**To:** [Avi Bhati \(abhati@maxarth.com\)](#)  
**Subject:** RA details  
**Date:** Wednesday, December 19, 2018 4:32:00 PM

Hi, Avi.

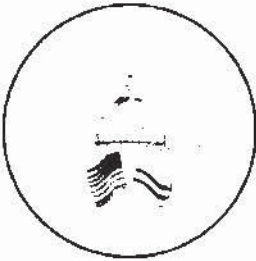
I remember you came here and download the 4GB RADetails rpt file in Nov 2017. Were you able to open it and use it? I can't open it now.

-ken

**From:** [Michael Kainu](#)  
**To:** [Avinash Bhati](#)  
**Subject:** RA Documents  
**Date:** Thursday, December 20, 2018 2:44:00 PM  
**Attachments:** [dataset for revalidation of risk assessment instrument.docx](#)  
[image001.png](#)  
[PTRA Elements 12.18.18.xlsx](#)

Here are the documents you asked me to send. The notes with the action items will come in a separate e-mail tonight or tomorrow.

Mr. and Mrs. Lal  
Office of the Inspector General  
Department of Justice  
2000 Avenue "D"  
Washington, D.C.  
20535-0001



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**From:** [Laura House](#)  
**To:** [avibhati@gmail.com](mailto:avibhati@gmail.com); [Kenneth Chen](#); [Michael Kainu](#)  
**Subject:** RA meeting  
**Date:** Tuesday, December 12, 2017 3:10:26 PM

May we please meet at 3:15 on Thursday? I have training all day and won't be available until then. Thanks.

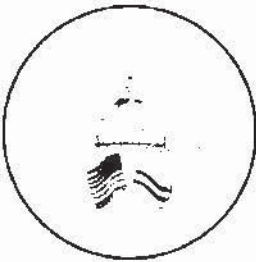
Laura

Sent from my iPhone

**From:** [Michael Kainu](#)  
**To:** [Avinash Bhati](#); [Kenneth Chen](#); [demand.tigs@psa.gov](mailto:demand.tigs@psa.gov)  
**Subject:** RA Re-Validation Update  
**Date:** Tuesday, January 30, 2018 12:44:00 PM  
**Attachments:** [image001.png](#)

Just wanted to check to see how close we are to being able to discuss any updates to the preliminary findings in advance of meeting with Hala next Thursday. Thanks.

Dr. Michael Kainu  
Chief of Demand Policy and Policy Review  
The United States Agency for Protection of Children  
1000 Pennsylvania Avenue, NW  
Washington, DC 20535  
Tel: 202-550-3816



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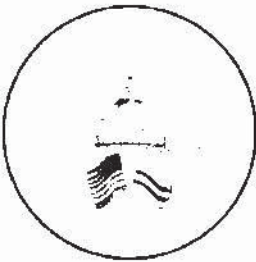
**From:** [Michael Kainu](#)  
**To:** [Avinash Bhati](#)  
**Cc:** [Kenneth Chen](#)  
**Subject:** RAI Definitions and Weights  
**Date:** Wednesday, November 7, 2018 12:06:00 PM  
**Attachments:** [image001.png](#)  
[RAI Definitions and Weights 08.24.18.xlsx](#)

Avi,

We are starting discussions and putting change packages together to start the new implementation process of the revised RAI. I just wanted to confirm this table is still valid and updated with respect to the weighting of the risk factors?

I know we (PSA) still need to meet to discuss and establish our threshold for misconduct for defendants at each risk level before getting too far into implementation.

To the RAI team  
Office of Primary, Secondary, and Tertiary  
The "Traffic Safety Conference" on the listing of a sample  
of "Traffic Safety Conference" on the listing of a sample  
of "Traffic Safety Conference" on the listing of a sample  
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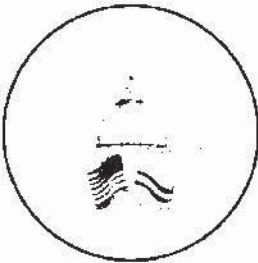
**From:** [Michael Kainu](#)  
**To:** ["Avinash Bhati"](#)  
**Subject:** RAI Initial Findings/ Project Overview  
**Date:** Monday, December 18, 2017 9:23:13 AM  
**Attachments:** [image001.png](#)

Good morning Avi,

In updating Hala Maktabi, the new OPPA director, on the status of this project I had explained to her you had a couple deliverables for us coming in a couple weeks and we would be meeting with PSA Leadership in late January. I had planned for us (the contract team) to meet with you that same day but Hala has asked if you would be willing to come a couple weeks prior for an overview of the project and a preview of what you will present to PSA Leadership. Any chance we could do that the week of Jan 1<sup>st</sup> or 8<sup>th</sup> and then have you back in late January for the formal presentation? I was looking at Jan 4, 9 or 11 if any of those work for you.

Thanks,  
Mike

Michael R. Kainu  
Program Analyst, Office of Planning, Policy and Analysis  
The Pretrial Services Agency for the District of Columbia  
633 Indiana Avenue, 11<sup>th</sup> Floor  
Washington, DC 20004  
202-550-3816 (Cell)

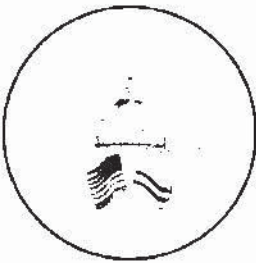


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**From:** [Michael Kainu](#)  
**To:** [Avinash Bhati](#)  
**Subject:** RAI Presentation  
**Date:** Thursday, February 22, 2018 5:12:00 PM  
**Attachments:** [RAI Presentation 02.22.18.pptx](#)  
[image001.png](#)

Michael Kainu,  
National Training, Training and Development  
The United States Department of the Interior, Colorado  
has indicated that the  
the information is not  
being shared.



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**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#); [Sharon Banks](#)  
**Cc:** [Hala Maktabi](#)  
**Subject:** RAI Scripts and Summary Description  
**Date:** Wednesday, December 26, 2018 4:13:41 PM  
**Attachments:** [MaxarthLLC\\_RAI\\_Project\\_Scripts\\_Summary.docx](#)  
[ATT00001.htm](#)  
[PGMS\\_T3.zip](#)  
[ATT00002.htm](#)  
[PGMS.zip](#)  
[ATT00003.htm](#)

Good afternoon Mike/Sharon:

This is a follow-up to the contractor meeting we had at PSA on Thu Dec 20, 2018. At the meeting it was decided that, as part of their data review, PSA contractors would also review the scripts Maxarth has developed as well as the data files Maxarth is using for the analysis. Please find attached a word document that detailed the various scripts Maxarth has developed for the RAI revalidation task. I have tried to describe each script and what it is intended to do as well as the data inputs and outputs into/from that script. The two zipped archives PGMS.zip and PGMS\_T3.zip contain the STATA scripts and their respective logs (outputs).

I'm sending this by email in case the contractors conducting the data review are still doing work during the shut-down. Don't want to hold up their work. Please feel free to forward this email to them as/when you see fit.

Unfortunately, as we had discussed at the meeting, the data files are pretty large and I cannot email them. Hence that submission will need to wait till we set up a meeting and I can come to 633 and hand over the data to the contractors in some secure way.

Please email me if you have any questions. Thanks.

Hoping everyone had a happy Christmas break - despite the shutdown.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#); [Sharon Banks](#)  
**Cc:** [Hala Maktabi](#)  
**Subject:** RAI Scripts and Summary Description  
**Date:** Wednesday, December 26, 2018 4:13:41 PM  
**Attachments:** [MaxarthLLC\\_RAI\\_Project\\_Scripts\\_Summary.docx](#)  
[ATT00001.htm](#)  
[PGMS\\_T3.zip](#)  
[ATT00002.htm](#)  
[PGMS.zip](#)  
[ATT00003.htm](#)

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Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Avinash Bhati](#)  
**To:** [Kenneth Chen](#)  
**Cc:** [Michael Kainu](#)  
**Subject:** Re: [SECURE] Reasons for no response required  
**Date:** Wednesday, April 25, 2018 10:35:41 AM

Hi Ken:

I downloaded the reason for no response data set. I still need the queue names variables for the main data set (the 61K records).

I know that they don't want to use program type in the decision making but in the conversation last week I was unsure where we left off.

Thanks.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

On Apr 20, 2018, at 11:29 AM, Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)> wrote:



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<message\_zdm.html>

**From:** [Michael Kainu](#)  
**To:** "[Avinash Bhati](#)"; [Kenneth Chen](#)  
**Subject:** RE: [SECURE] Reasons for no response required  
**Date:** Wednesday, April 25, 2018 12:55:44 PM

Yes, I have it. I am there tomorrow although it may not be something you need before next Thursday so it is up to you about when you want to copy it to your drive.

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Sent:** Wednesday, April 25, 2018 12:54 PM  
**To:** Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)>  
**Cc:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Subject:** Re: [SECURE] Reasons for no response required

Thanks Ken - Unfortunately I cannot access the folder from here. Will pick it up the next time I am down there.

Mike: You were copied on the secure msg so I presume you can access the file for me next time I am there.

Thanks.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

On Apr 25, 2018, at 12:39 PM, Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)> wrote:



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<message\_zdm.html>





**From:** [Avinash Bhati](#)  
**To:** [Kenneth Chen](#)  
**Cc:** [Michael Kainu](#)  
**Subject:** Re: [SECURE] Reasons for no response required  
**Date:** Wednesday, April 25, 2018 12:54:16 PM

Thanks Ken - Unfortunately I cannot access the folder from here. Will pick it up the next time I am down there.

Mike: You were copied on the secure msg so I presume you can access the file for me next time I am there.

Thanks.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

On Apr 25, 2018, at 12:39 PM, Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)> wrote:



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<message\_zdm.html>

**From:** [Avinash Bhati](#)  
**To:** [Kenneth Chen](#)  
**Subject:** Re: [secure] drug test details  
**Date:** Monday, June 4, 2018 3:30:11 PM

OK Thanks Ken. I will look at the non-compliance details and try to use that to bring more information to the data. Thanks.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

On Jun 4, 2018, at 3:27 PM, Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)> wrote:



[Help](#)

**This is a secure, encrypted message.**

**Desktop Users:**

Open the attachment (message\_zdm.html) and follow the instructions.

**Mobile Users:**

Get the [mobile application](#).

Email Security Powered by Voltage Beam  
© Copyright 2016 Virus Free of one of its affiliates

<message\_zdm.html>

**From:** Michael Kainu  
**To:** "Avinash Bhati"  
**Subject:** RE: 42 Risk Factors  
**Date:** Friday, May 18, 2018 10:53:06 AM

Thanks a bunch

**From:** Avinash Bhati <abhati@maxarth.com>  
**Sent:** Friday, May 18, 2018 10:52 AM  
**To:** Michael Kainu <Michael.Kainu@psa.gov>  
**Subject:** Re: 42 Risk Factors

Yes - I will pull it together and send it later this afternoon.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

On May 18, 2018, at 9:45 AM, Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)> wrote:

Hala asked me to draft a list of the new proposed Risk Factors so I can include any accompanying limitations we may face (if any). Do you by chance have a list of the 42 factors in a document that I could cut and paste into a spreadsheet? I already put the 11 "new" CH elements in but didn't know if you have the other elements listed in a file that I could copy them from rather than entering them in one by one. Thanks

*[Faint, illegible text, possibly a signature or header]*

<image001.png>

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**From:** [Michael Kainu](#)  
**To:** "Avinash Bhati"  
**Subject:** RE: 42 Risk Factors  
**Date:** Friday, May 18, 2018 12:35:49 PM

Perfect, thanks!

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Sent:** Friday, May 18, 2018 12:35 PM  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Subject:** Re: 42 Risk Factors

Hi Mike:

Old/New model comparison for review - attached.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

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Thanks a bunch

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Sent:** Friday, May 18, 2018 10:52 AM  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Subject:** Re: 42 Risk Factors

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Hala asked me to draft a list of the new proposed Risk Factors so I can

(b)(5)

Michael A. Kahan

Chief, Office of the Inspector General

The United States Department of Justice

1000 Judiciary Avenue, N.W.

Washington, D.C. 20535

Phone: (202) 512-2100

<image001.png>

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**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#)  
**Subject:** Re: 42 Risk Factors  
**Date:** Friday, May 18, 2018 12:34:55 PM  
**Attachments:** [Old New ModelPredictors.xlsx](#)  
[ATT00001.htm](#)

Hi Mike:

Old/New model comparison for review - attached.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
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**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Subject:** Re: 42 Risk Factors

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On May 18, 2018, at 9:45 AM, Michael Kainu  
<[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)> wrote:

(b)(5)



My name is [redacted]  
Officer of the [redacted] Police Department  
The [redacted] Police Department is [redacted] [redacted]  
[redacted] [redacted] [redacted] [redacted] [redacted]  
[redacted] [redacted] [redacted] [redacted] [redacted]  
[redacted] [redacted] [redacted] [redacted] [redacted]

<image001.png>

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**From:** Michael Kainu  
**To:** "Avinash Bhati"  
**Subject:** RE: 70 vs 42 Risk Factor Model  
**Date:** Thursday, September 20, 2018 8:41:59 PM

Thank you so, so much Avi!

I had seen the appendix and was going to scan it but the font was small and I wasn't sure how Hala needed it so I was going to replicate it in Excel, which you did. I didn't mean for you to have to do that, I was more wondering if a spreadsheet like that already existed, but this exactly what I needed. Can't thank you enough.

Let's still plan to talk tomorrow at 8:30. Question I had is different from this.

**From:** Avinash Bhati <abhati@maxarth.com>  
**Sent:** Thursday, September 20, 2018 6:10 PM  
**To:** Michael Kainu <Michael.Kainu@psa.gov>  
**Subject:** Re: 70 vs 42 Risk Factor Model

Hi Mike:

It was easy enough to modify the appendix table to include the categories. Here it is as an excel file. This has all the information in the sample you sent me - old/new definitions, categories, as well as reason why the factor was added/dropped. Hope this helps.

Let me know by email if we don't need to chat on the phone tomorrow am. I am still available and have the time blocked.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

On Sep 20, 2018, at 4:36 PM, Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)> wrote:

(b)(4); (b)(5)

How about we chat before your 9:30? How is 8:30? Is that too early?

On Sep 20, 2018, at 4:33 PM, Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)> wrote:

Hi Mike:

No - I don't have something similar yet. Happy to put together a

sheet like this.

Sure - lets chat tomorrow morning. I have a call from 9:30 am to 10:30 am. We can chat either before (9 am) or after that call. A little booked up rest of this evening.

Avi Bhati, PhD  
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(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

On Sep 20, 2018, at 4:01 PM, Michael Kainu  
<[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)> wrote:

Avi,



Thanks,  
Mike

Michael Kainu  
Office of Information Policy and Privacy  
U.S. Postal Service, Agency for the Inspection of the  
U.S. Postal Service  
Washington, D.C. 20503  
202-268-5000

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communication in error, please call 202-550-3816 and (i) destroy this message if a facsimile or (ii) delete this message immediately if this is an electronic communication.

<70 Factor vs. 36 Factor Model.xlsx>

**From:** Michael Kainu  
**To:** Avinash Bhati  
**Subject:** Re: 70 vs 42 Risk Factor Model  
**Date:** Thursday, September 20, 2018 4:36:49 PM

(b)(5)

How about we chat before your 9:30? How is 8:30? Is that too early?

On Sep 20, 2018, at 4:33 PM, Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)> wrote:

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(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

On Sep 20, 2018, at 4:01 PM, Michael Kainu  
<[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)> wrote:

Avi,

(b)(5)

Thanks,  
Mike

Michael K. Kainu  
Cyber and Privacy Policy Research Group



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<70 Factor vs. 36 Factor Model.xlsx>

**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#)  
**Cc:** [Catherine Terry-Crusor](#); [Hala Maktabi](#); [Kenneth Chen](#); [Demond Tigs](#)  
**Subject:** Re: Active vs Passive Responses  
**Date:** Friday, June 15, 2018 3:15:08 PM


Got it Mike. Thanks. I will review and reach out if there are any questions.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

On Jun 15, 2018, at 2:55 PM, Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)> wrote:

Avi,

Attached is the updated list categorizing the additional responses that were identified as "other" during the meeting last week. I conferred with Cathy today after she had gotten feedback from her team. It should be noted there are some responses no longer used by PSA but my understanding is that any of the responses on the attached list were used at least one time for the data you have been crunching numbers with. Feel free to let me know if you have any questions. Looking forward to hearing what you have to share during the meeting next week.

  
Office of Planning, Policy and Analysis (OPPA)  
United States Social Security Administration  
1033 North 4th Street, Room 400  
Ft. Belvoir, VA 22060  
m.kainu@ssa.gov

<image001.png>

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<Response List- Active vs Passive 06.11.18.xlsx>



**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#)  
**Cc:** [Catherine Terry-Crusor](#); [Hala Maktabi](#); [Kenneth Chen](#); [Demond Tigs](#)  
**Subject:** Re: Active vs Passive Responses  
**Date:** Friday, June 15, 2018 3:15:08 PM

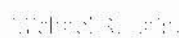
Got it Mike. Thanks. I will review and reach out if there are any questions.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

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Office of Planning, Policy and Analysis (OPPA)  
Information Services Agency in the Florida Department of  
Transportation  
3901 Reid Street, Suite 200  
Tallahassee, FL 32310  
(904) 487-2000

<image001.png>

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<Response List- Active vs Passive 06.11.18.xlsx>



**From:** [Michael Kainu](#)  
**To:** ["Avinash Bhati"](#)  
**Subject:** RE: Active vs. Passive Responses  
**Date:** Monday, June 11, 2018 1:44:44 PM

Thanks Avi. She had send me a follow up to disregard her initial message.

**From:** Avinash Bhati <[avibhati@gmail.com](mailto:avibhati@gmail.com)>  
**Sent:** Monday, June 11, 2018 1:44 PM  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Cc:** Tiffany Manley <[Tiffany.Manley@psa.gov](mailto:Tiffany.Manley@psa.gov)>  
**Subject:** Re: Active vs. Passive Responses

I have removed all the incentive-responses and the list only includes sanctions-responses. Also, there are several that have different entries but are similar that I collapsed into single categories.

If it is easier, you can use the complete list from PRISM and I will use that as my starting point.

Avi Bhati, PhD  
President Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

On Jun 11, 2018, at 12:24 PM, Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)> wrote:

Can you let me know which ones are missing? It could be there are responses that are available but have not been used so they would not have been part of the data Avi received. Thanks

**From:** Tiffany Manley  
**Sent:** Monday, June 11, 2018 12:16 PM  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Subject:** RE: Active vs. Passive Responses

Hi Mike;

I compared your list to those in PRISM and there are several that are missing from the EXCEL spreadsheet you provided. Let me know if this was intentional before I provide my feedback and comment. Thank you.

**From:** Michael Kainu  
**Sent:** Monday, June 11, 2018 6:57 AM  
**To:** Catherine Terry-Crusor <[Catherine.Terry-Crusor@psa.gov](mailto:Catherine.Terry-Crusor@psa.gov)>; Michael Williams



<Micrae.Williams@psa.gov>; Marvin Richardson <Marvin.Richardson@psa.gov>; Staci Burrough <Staci.Burrough@psa.gov>; Janeth Munoz <Janeth.Munoz@psa.gov>; Tiffany Manley <Tiffany.Manley@psa.gov>; Jeffrey Wright <Jeffrey.Wright@psa.gov>

**Cc:** Kenneth Chen <Kenneth.Chen@psa.gov>; Demond Tigs <Demond.Tigs@psa.gov>; Hala Maktabi <Hala.Maktabi@psa.gov>; 'Avinash Bhati' <avibhati@gmail.com>

**Subject:** Active vs. Passive Responses

During the meeting on Thursday we had discussed the different responses and how they were classified as one of the following:

(b)(5)

Technical Note:  
This is a summary of the information provided in the  
document provided to the Agency in the "Active vs. Passive"  
document provided to the Agency.  
The Agency has not yet  
received the information.

<image001.png>

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**From:** [Michael Kainu](#)  
**To:** "Avinash Bhati"  
**Subject:** RE: Active/Passive Response  
**Date:** Friday, June 15, 2018 7:16:15 AM

OK. I am talking with Cathy at 2:30 and I plan to forward the updated list soon after.

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Sent:** Friday, June 15, 2018 7:15 AM  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Subject:** Re: Active/Passive Response

Hi Mike:

Sure - get it to me later today. Still have enough time.

Thank.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
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[www.maxarth.com](http://www.maxarth.com)

On Jun 15, 2018, at 7:12 AM, Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)> wrote:

I am going to have a quick call with Cathy to review the list to get consensus on a few things. If I have it to you this afternoon does that work or do you need it sooner? Trying to give you as much time before next Thursday to have everything completed.

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Sent:** Thursday, June 14, 2018 10:56 PM  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Subject:** Re: Active/Passive Response

Great - thanks Mike.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
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[www.maxarth.com](http://www.maxarth.com)

On Jun 14, 2018, at 10:16 PM, Michael Kainu



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Wanted to let you know I just received the list of responses from Cathy this evening. I will take a look and send it to you tomorrow.

**From:** [Michael Kainu](#)  
**To:** ["Avinash Bhati"](#)  
**Subject:** RE: Active/Passive Response  
**Date:** Friday, June 15, 2018 7:12:01 AM

I am going to have a quick call with Cathy to review the list to get consensus on a few things. If I have it to you this afternoon does that work or do you need it sooner? Trying to give you as much time before next Thursday to have everything completed.

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Sent:** Thursday, June 14, 2018 10:56 PM  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Subject:** Re: Active/Passive Response

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**From:** [Michael Kainu](#)  
**To:** ["Avinash Bhati"](#)  
**Subject:** RE: Active/Passive Response  
**Date:** Friday, June 15, 2018 8:14:26 AM

Sure that is fine to give me a call. If for some reason I don't answer just leave a message and I will get back to you ASAP.

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Sent:** Friday, June 15, 2018 8:10 AM  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Subject:** Re: Active/Passive Response

Sure - I plan to work on it exclusively over the weekend and early next week so if I get it before cob today that'll be great.

Also, if I have any questions about the list can I call you over the weekend? I don't want to wait till Mon for that.

Thanks.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
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Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

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**Sent:** Friday, June 15, 2018 7:15 AM  
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**Subject:** Re: Active/Passive Response

Hi Mike:

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Thank.

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(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

On Jun 14, 2018, at 10:16 PM, Michael Kainu  
<[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)> wrote:

Wanted to let you know I just received the list of responses from Cathy this evening. I will take a look and send it to you tomorrow.

**From:** [Michael Kainu](#)  
**To:** [Avinash Bhati](#)  
**Subject:** RE: Active/Passive Responses List  
**Date:** Monday, June 4, 2018 3:43:00 PM

Thanks Avi. On my way out for the day. Will take care of this tomorrow.

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Sent:** Monday, June 4, 2018 3:42 PM  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Subject:** Active/Passive Responses List

Hi Mike:

Here is the list of response categories that I use for the tables. Please classify into the grouping we discussed so I can color code the table accordingly for the presentation.

Let me know if you have any questions. Thanks.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Michael Kainu](#)  
**To:** ["Avinash Bhati"](#)  
**Cc:** [Kenneth Chen](#); [Demond Tigs](#)  
**Subject:** RE: Active/Passive Responses List  
**Date:** Tuesday, June 5, 2018 8:30:39 AM  
**Attachments:** [Response List- Active vs Passive.xlsx](#)

Took a stab at grouping the list. Take a look and let me know your thoughts.

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Sent:** Monday, June 4, 2018 3:42 PM  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Subject:** Active/Passive Responses List

Hi Mike:

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Let me know if you have any questions. Thanks.

Avi Bhati, PhD  
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[www.maxarth.com](http://www.maxarth.com)

**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#)  
**Cc:** [Kenneth Chen](#); [Demond Tigs](#)  
**Subject:** Re: Active/Passive Responses List  
**Date:** Tuesday, June 5, 2018 9:03:21 AM

Thanks - will build this into the display.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
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12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

On Jun 5, 2018, at 8:30 AM, Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)> wrote:

Took a stab at grouping the list. Take a look and let me know your thoughts.

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>

**Sent:** Monday, June 4, 2018 3:42 PM

**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>

**Subject:** Active/Passive Responses List

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[www.maxarth.com](http://www.maxarth.com)  
<Response List- Active vs Passive.xlsx>



**From:** [Avinash Bhati](#)  
**To:** [Laura House](#)  
**Cc:** [Kenneth Chen](#)  
**Subject:** Re: Additional RA data  
**Date:** Tuesday, November 21, 2017 5:53:38 PM

Thanks Laura:

Yes - I had email Ken about some additional data. I will forward you that email shortly.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
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North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

On Nov 21, 2017, at 3:44 PM, Laura House <[Laura.House@psa.gov](mailto:Laura.House@psa.gov)> wrote:

Hi Avi,

Is there additional data you need for the project? If so, please make sure you cc me on any requests for additional data, so that I have record of this. We will get to this to you as soon as we can—hopefully by end of the week. Thanks.

Laura

**Laura E. House, Ph.D., LICSW**

Senior Program Analyst  
Office of Strategic Development  
Pretrial Services Agency  
202-442-1085 (Office) 202-510-7118 (Mobile)

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1085 or 202-577-4226 and (i) destroy this message if a facsimile or (ii) delete this message immediately if this is an electronic communication.

**From:** [Michael Kainu](#)  
**To:** [Avinash Bhati](#)  
**Subject:** Re: Analysis plan  
**Date:** Wednesday, January 10, 2018 6:51:07 AM

Thanks Avi

On Jan 9, 2018, at 10:39 PM, Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)> wrote:

Mike:

Attached is the analysis plan I shared with Hala today. I will send you an analysis plan for task 2 (recommendation matrix dynamic analysis) and an invoice tomorrow.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
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12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

<PSA17C0043AnalysisPlan.pdf>

**From:** [Michael Kainu](#)  
**To:** [abhati@maxarth.com](#); [Hala Maktabi](#); [Kenneth Chen](#); [demond.tigs@psa.gov](#)  
**Subject:** RE: Appearance/Safety Matrix  
**Date:** Thursday, May 10, 2018 7:10:00 AM  
**Attachments:** [Risk Level Distribution.xlsx](#)

(b)(4); (b)(5)

Avi Bhati, PhD  
[abhati@maxarth.com](#)  
(301) 873-1898  
Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](#)

On May 9, 2018, at 4:51 PM, Michael Kainu  
<[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)> wrote:

Avi,

(b)(4); (b)(5)

Mr. Max Maxar  
Office of Training, Information, and Outreach  
The Trade Center, 1000 15th Street, NW  
Washington, DC 20004  
202-462-5816 x11

<image001.png>

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**From:** Avinash Bhati  
**To:** Michael Kainu  
**Subject:** Re: Appearance/Safety Matrix  
**Date:** Wednesday, May 9, 2018 9:21:23 PM  
**Attachments:** [CurrentRiskDistribution.xlsx](#)  
[ATT00001.htm](#)

(b)(4); (b)(5)

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
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Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

On May 9, 2018, at 4:51 PM, Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)> wrote:

(b)(4); (b)(5)

Michael Kainu  
Office of Planning, Research, and Statistics  
U.S. Department of Justice  
Federal Bureau of Investigation  
Washington, DC 20535  
Phone: (202) 452-2500  
Fax: (202) 452-2501

<image001.png>

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**From:** [Michael Kainu](#)  
**To:** [abhati@maxarth.com](mailto:abhati@maxarth.com)  
**Cc:** [Hala Maktabi](#); [Kenneth Chen](#); [Demond Tigs](#)  
**Subject:** Re: Appearance/Safety Matrix  
**Date:** Wednesday, May 9, 2018 10:04:05 PM  
**Attachments:** [CurrentRiskDistribution.xlsx](#)  
[ATT00001.htm](#)

(b)(5)

Begin forwarded message:

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Date:** May 9, 2018 at 9:21:14 PM EDT  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Subject:** Re: Appearance/Safety Matrix

(b)(4); (b)(5)

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
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On May 9, 2018, at 4:51 PM, Michael Kainu  
<[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)> wrote:

(b)(4); (b)(5)

Marlene B. Katis,  
Office of Planning, Policy and Analysis (OPPA)  
The Trade Service Agency in the District of Columbia  
www.trade.gov  
Washington, DC 20540  
202-550-8800 ext. 1

<image001.png>

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**From:** [Michael Kainu](#)  
**To:** ["abhaji@maxarth.com"](#); [Hala Maktabi](#); [Kenneth Chen](#); [Demond Tigs](#)  
**Subject:** RE: Appearance/Safety Matrix  
**Date:** Monday, May 14, 2018 7:41:10 AM  
**Attachments:** [Risk Level Distribution.xlsx](#)

(b)(4); (b)(5)

(b)(4); (b)(5)

My name is [REDACTED]  
Officer of the [REDACTED] Police Department  
The [REDACTED] Police Department is [REDACTED] [REDACTED]  
[REDACTED] [REDACTED] [REDACTED] [REDACTED]  
[REDACTED] [REDACTED] [REDACTED] [REDACTED]  
[REDACTED] [REDACTED] [REDACTED] [REDACTED]

<image001.png>

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**From:** [Michael Kainu](#)  
**To:** [Avinash Bhati](#)  
**Subject:** Re: CA Money Bail Bill  
**Date:** Tuesday, August 28, 2018 7:18:39 PM

There is a NAPSA committee I am on and we were just talking about this on a conference call yesterday. It goes into effect 10/1/19. Incidentally, next year's conference is in San Diego.

On Aug 28, 2018, at 7:11 PM, Avinash Bhati <[avibhati@gmail.com](mailto:avibhati@gmail.com)> wrote:

Hi Mike:

Isn't DC the first jurisdiction to do away with money bail ... In any case, good news in the pretrial from in CA.

<http://www.foxnews.com/politics/2018/08/28/california-to-become-first-state-eliminating-bail-for-suspects-awaiting-trial.html>

Avi Bhati, PhD  
President Maxarth LLC  
12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Michael Kainu](#)  
**To:** [Avinash Bhati](#)  
**Subject:** RE: Call this morning with Hala?  
**Date:** Monday, April 15, 2019 8:56:00 AM

We have a meeting at 2:00 that is scheduled to go until 3:00. You available around 3:00?

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Sent:** Monday, April 15, 2019 8:25 AM  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Subject:** Re: Call this morning with Hala?

Sounds good. If we need to talk later today, I should be available. Just give me some heads up.

Tomorrow is busy for me. I will be at 633 on Wed to present to Jasper and others in Boyer. Can you please make sure that Tim and guys have the data ready for me to pick up on Wed morning. My presentation is from 11am to noon and I have back-to-back meeting after that so I have to leave by noon sharp. I can get there as early as they/you want. If Hala would rather meet before the meeting on Wed, that'd work too.

Thanks.

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On Apr 15, 2019, at 7:43 AM, Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)> wrote:

I never spoke with her on Friday. Was going to touch base when she gets into the office this morning.

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Sent:** Monday, April 15, 2019 6:42 AM  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Subject:** Call this morning with Hala?

Hi Mike - following up on our conversation over the weekend. Do we have a call with Hala today re the project?

Avi Bhati, PhD  
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**From:** [Michael Kainu](#)  
**To:** [Avinash Bhati](#)  
**Subject:** RE: Call this morning with Hala?  
**Date:** Monday, April 15, 2019 8:27:00 AM

Thanks Avi. We have our weekly APG meeting from 10-11 so unless that is cancelled we wouldn't be able to meet beforehand. I sent Hala a text a while ago about getting on a conference call today.

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Sent:** Monday, April 15, 2019 8:25 AM  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
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[abhati@maxarth.com](mailto:abhati@maxarth.com)  
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[www.maxarth.com](http://www.maxarth.com)

**From:** [Michael Kainu](#)  
**To:** [Avinash Bhati](#)  
**Subject:** RE: Call this morning with Hala?  
**Date:** Monday, April 15, 2019 9:51:00 AM

Great, I will set up a meeting request using our conference line.

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Sent:** Monday, April 15, 2019 9:49 AM  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Subject:** Re: Call this morning with Hala?

Sure - I can do the call at 3:00 pm today.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
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Thanks.

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North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Michael Kainu](#)  
**To:** ["Avinash Bhati"](#)  
**Subject:** RE: Call/Meeting tomorrow still on?  
**Date:** Thursday, November 15, 2018 1:43:17 PM

Yes, we are still meeting via Go To Meeting. I think a couple people from USDC will join us.

Sad news about Trish. Was going to fill you in when next talked. On top of that, the day before Mike Williams announced his retirement.

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Sent:** Thursday, November 15, 2018 1:41 PM  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Subject:** Call/Meeting tomorrow still on?

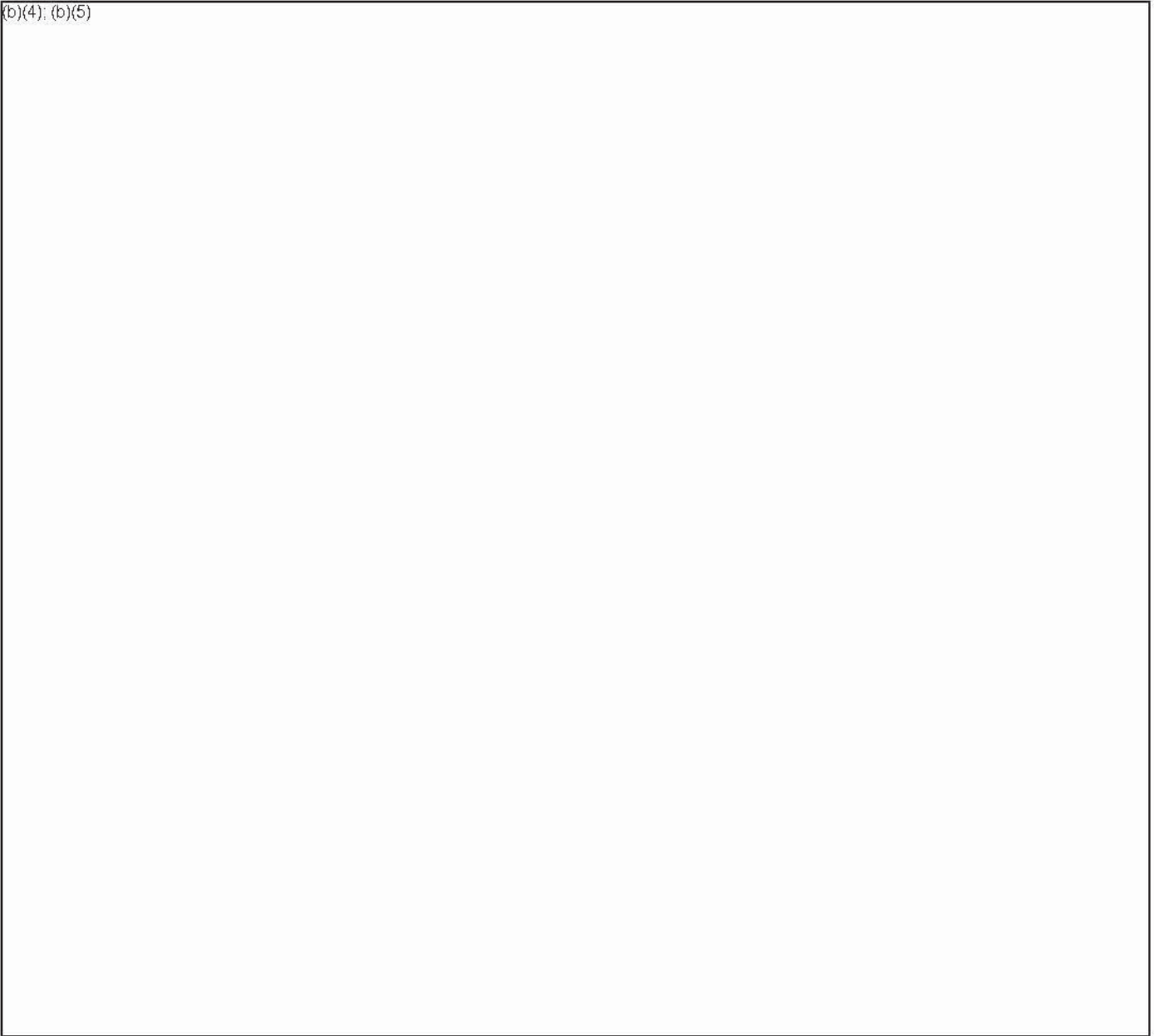
Hi Mike:

I'm at ASC right now - be back in MD by tonight. I just heard about the Deputy Director? Man - that was a surprise. Just wanted to check if we're still on for the call tomorrow. I will have my analysis completed by later today and can email you findings so we can share screen on the call.

Avi Bhati, PhD  
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North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

**From:** [Michael Kainu](#)  
**To:** ["Avinash Bhati"](#)  
**Subject:** RE: Call/Meeting tomorrow still on?  
**Date:** Friday, November 16, 2018 7:46:36 AM

(b)(4); (b)(5)



Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
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12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

On Nov 15, 2018, at 1:43 PM, Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)> wrote:

(b)(6); (b)(7)(C)

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>

**Sent:** Thursday, November 15, 2018 1:41 PM

**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>

**Subject:** Call/Meeting tomorrow still on?

(b)(6); (b)(7)(C)

Avi Bhati, PhD  
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North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)



**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#)  
**Subject:** Re: Call/Meeting tomorrow still on?  
**Date:** Friday, November 16, 2018 7:40:37 AM  
**Attachments:** [DistrictCourt.xlsx](#)  
[ATT00001.htm](#)

Hi Mike:

Sorry for the delay - got back about 1:30 am - flight delays and airport drama.

(b)(4); (b)(5); (b)(6); (b)(7)(C)

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
(301) 873-1898  
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North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

On Nov 15, 2018, at 1:43 PM, Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)> wrote:

(b)(6); (b)(7)(C)

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Sent:** Thursday, November 15, 2018 1:41 PM

**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>

**Subject:** Call/Meeting tomorrow still on?

Hi Mike:

(b)(6); (b)(7)(C)

Avi Bhati, PhD

[abhati@maxarth.com](mailto:abhati@maxarth.com)

(301) 873-1898

Maxarth LLC


12215 Fellowship Lane,

North Potomac, MD 20878

[www.maxarth.com](http://www.maxarth.com)

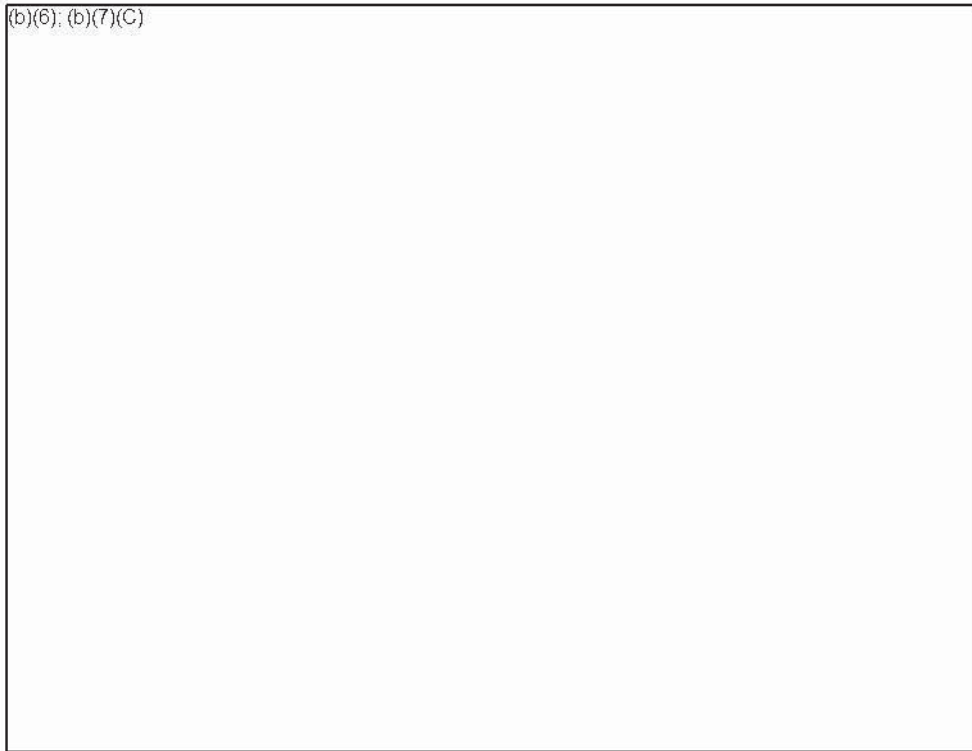
**From:** [Laura House](#)  
**To:** [Avinash Bhati](#)  
**Cc:** [McCann, Ellen \(CJOC\)](#)  
**Subject:** Re: change of meeting  
**Date:** Friday, September 1, 2017 8:56:38 AM

(b)(6); (b)(7)(C)



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(b)(6); (b)(7)(C)



The new school year is here and every day is a new opportunity for our students to learn and grow. We all have a role to play in ensuring students get to school, ready to learn, and understand that #EveryDayCounts. Go to [attendance.dc.gov](https://attendance.dc.gov) to learn more.

**From:** [Avinash Bhati](#)  
**To:** [Kenneth Chen](#)  
**Subject:** Re: Checking in on data  
**Date:** Tuesday, October 31, 2017 11:42:28 AM

That is not too big. Did you send to [abhati@maxarth.com](mailto:abhati@maxarth.com)? I have received much larger files on that account. Also, is it a zipped file? If so, DCPSA's system might be holding it up. You could rename it to \*.zi\_ and I can rename it and access once I receive it.

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On Oct 31, 2017, at 11:39 AM, Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)> wrote:

It's 29MB. Maybe stuck somewhere.

**From:** Avinash Bhati [<mailto:abhati@maxarth.com>]  
**Sent:** Tuesday, October 31, 2017 11:35 AM  
**To:** Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)>  
**Subject:** Re: Checking in on data

Can you resend Ken. Thanks.

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**Subject:** Re: Checking in on data

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me know - thanks.

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On Oct 23, 2017, at 4:04 PM, Kenneth Chen  
<[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)> wrote:

Will get the date to you by the end of this month ,  
possibly this Friday

Sent from my iPhone

On Oct 23, 2017, at 2:06 PM, Avinash Bhati  
<[abhati@maxarth.com](mailto:abhati@maxarth.com)> wrote:

Good afternoon Ken and Laura:

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see how the data extract is coming along.

Also want to let you know that I have  
meetings close to 633 Indiana Ave on Tue  
(10/24) as well as Wed (10/25). If we need  
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**From:** [Avinash Bhati](#)  
**To:** [Kenneth Chen](#)  
**Subject:** Re: Checking in on data  
**Date:** Tuesday, October 31, 2017 11:35:10 AM

Can you resend Ken. Thanks.

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**From:** [Avinash Bhati](#)  
**To:** [Kenneth Chen](#)  
**Subject:** Re: Checking in on data  
**Date:** Tuesday, October 31, 2017 10:53:20 AM

Checked my spam folder and everywhere. I did not receive it.

Avi Bhati, PhD  
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[www.maxarth.com](http://www.maxarth.com)

**From:** [Avinash Bhati](#)  
**To:** [Kenneth Chen](#)  
**Subject:** Re: Checking in on data  
**Date:** Tuesday, October 31, 2017 10:51:19 AM

What email address did you send it to. I don't think I received it.

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[abhati@maxarth.com](mailto:abhati@maxarth.com)  
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**From:** [Avinash Bhati](#)  
**To:** [Kenneth Chen](#)  
**Subject:** Re: Checking in on data  
**Date:** Tuesday, October 31, 2017 10:17:48 AM

Hi Ken - checking in to see how things are going with the data. Let me know - thanks.

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**From:** [Avinash Bhati](#)  
**To:** [Laura House](#)  
**Cc:** [Kenneth Chen](#)  
**Subject:** Re: Checking in on data  
**Date:** Monday, October 23, 2017 6:34:04 PM

Great - Thank.

Avi Bhati, PhD  
[abhati@maxarth.com](mailto:abhati@maxarth.com)  
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12215 Fellowship Lane,  
North Potomac, MD 20878  
[www.maxarth.com](http://www.maxarth.com)

On Oct 23, 2017, at 5:49 PM, Laura House <[Laura.House@psa.gov](mailto:Laura.House@psa.gov)> wrote:

Hi Avi,

All is coming along well. No need to meet this week. Ken is still working on dataset. We will let you know when it is close to being finished. Thanks.

Sent from my iPhone

On Oct 23, 2017, at 2:06 PM, Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)> wrote:

Good afternoon Ken and Laura:

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**From:** [Avinash Bhati](#)  
**To:** [Kenneth Chen](#)  
**Subject:** Re: Checking in on data  
**Date:** Monday, October 23, 2017 4:48:21 PM

Excellent - thanks Ken. I know you are swamped. I really appreciate it.

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**From:** [Avinash Bhati](#)  
**To:** [Kenneth Chen](#)  
**Subject:** Re: Checking in on data  
**Date:** Tuesday, October 31, 2017 12:42:58 PM

Will it allow you to rename it \*.zzz or something other than zip and email it. If not, I can swing by tomorrow sometime and pick it up. Would that work?

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[abhati@maxarth.com](mailto:abhati@maxarth.com)  
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[www.maxarth.com](http://www.maxarth.com)

On Oct 31, 2017, at 11:43 AM, Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)> wrote:

Yes. CSOSA mail server might hold it.

**From:** Avinash Bhati [<mailto:abhati@maxarth.com>]  
**Sent:** Tuesday, October 31, 2017 11:42 AM  
**To:** Kenneth Chen <[Kenneth.Chen@psa.gov](mailto:Kenneth.Chen@psa.gov)>  
**Subject:** Re: Checking in on data

That is not too big. Did you send to [abhati@maxarth.com](mailto:abhati@maxarth.com)? I have received much larger files on that account. Also, is it a zipped file? If so, DCPSA's system might be holding it up. You could rename it to \*.zi\_ and I can rename it and access once I receive it.

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**From:** [Laura House](#)  
**To:** [Avinash Bhati](#)  
**Cc:** [Kenneth Chen](#)  
**Subject:** Re: Checking in on data  
**Date:** Monday, October 23, 2017 5:49:27 PM

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**From:** [Michael Kainu](#)  
**To:** [Avinash Bhati](#)  
**Subject:** RE: Checking in re project  
**Date:** Wednesday, July 25, 2018 11:55:00 AM

Hey Avi, welcome back. I think we are just waiting on the report now. I have scheduled the presentation for 8/16. I will be on vacation the week of 8/6 – 8/10. We could set up a time to review the report either next week or the week of the presentation, although that is a quick turnaround time.

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Sent:** Wednesday, July 25, 2018 11:34 AM  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Subject:** Checking in re project

Good afternoon Mike:

Hope all is well with you and yours?

(b)(6); (b)(7)(C)

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**From:** [Avinash Bhati](#)  
**To:** [Michael Kainu](#)  
**Subject:** Re: Checking in re project  
**Date:** Tuesday, July 31, 2018 10:24:55 AM

Thanks Mike - sounds good.

Keep in mind that there is nothing new in the report beyond what I have already presented to the team/execs. But this is the first time it is compiled in one place.

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[www.maxarth.com](http://www.maxarth.com)

On Jul 31, 2018, at 10:22 AM, Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)> wrote:

Thanks for the update Avi. When I get the report to distribute I can ask the team to review it and even if you all chat next week (if needed) while I am away that is fine. Not sure how much time we would have in advance of the meeting on the 16<sup>th</sup> that week but I can throw that out as a possibility.

I will share the report and ask for feedback from the group about whether we need to meet before the 16<sup>th</sup> and if so, when. Sound OK?

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Sent:** Tuesday, July 31, 2018 10:17 AM  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Subject:** Re: Checking in re project

Good morning Mike:

Hope all is well. My apologies for the delay but I am still working on getting the final report together. While I had hoped to have it by later today, it seems unlikely. I still need another day or two to finish it. I will try to have it to you by Thu (Aug 2) close of business so you can still circulate it to the team before you leave next week.

Happy to meet with you and the team the week of the 13th before the presentation to discuss any changes. We can also wait till the presentation and meet after that. In any case, I expect that there will be some changes to the report after the presentation based on feedback from the audience.  
Sorry for the delay. Too much to catch up on after my vacation.

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**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>

**Subject:** Checking in re project

Good afternoon Mike:

Hope all is well with you and yours?

Returned from India this week and am working on the final report for submission to PSA by end of the month. Just wanted to check how things are going with the materials I gave you for Mike (Williams) and Cathy before my vacation. Hopefully, soon after the report is submitted, I can get with Ken and the IT folks to start the implementation work. Let me know if we need to meet to get back on track.

Avi Bhati, PhD

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**From:** Michael Kainu  
**To:** "Avinash Bhati"  
**Subject:** RE: Checking in re project  
**Date:** Tuesday, July 31, 2018 10:22:18 AM

Thanks for the update Avi. When I get the report to distribute I can ask the team to review it and even if you all chat next week (if needed) while I am away that is fine. Not sure how much time we would have in advance of the meeting on the 16<sup>th</sup> that week but I can throw that out as a possibility.

I will share the report and ask for feedback from the group about whether we need to meet before the 16<sup>th</sup> and if so, when. Sound OK?

**From:** Avinash Bhati <abhati@maxarth.com>  
**Sent:** Tuesday, July 31, 2018 10:17 AM  
**To:** Michael Kainu <Michael.Kainu@psa.gov>  
**Subject:** Re: Checking in re project

Good morning Mike:

Hope all is well. My apologies for the delay but I am still working on getting the final report together. While I had hoped to have it by later today, it seems unlikely. I still need another day or two to finish it. I will try to have it to you by Thu (Aug 2) close of business so you can still circulate it to the team before you leave next week.

Happy to meet with you and the team the week of the 13th before the presentation to discuss any changes. We can also wait till the presentation and meet after that. In any case, I expect that there will be some changes to the report after the presentation based on feedback from the audience.

Sorry for the delay. Too much to catch up on after my vacation.

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On Jul 25, 2018, at 11:55 AM, Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)> wrote:

Hey Avi, welcome back. I think we are just waiting on the report now. I have scheduled the presentation for 8/16. I will be on vacation the week of 8/6 – 8/10. We could set up a time to review the report either next week or the week of the presentation, although that is a quick turnaround time.

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>

**Sent:** Wednesday, July 25, 2018 11:34 AM  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Subject:** Checking in re project

Good afternoon Mike:

Hope all is well with you and yours?

Returned from India this week and am working on the final report for submission to PSA by end of the month. Just wanted to check how things are going with the materials I gave you for Mike (Williams) and Cathy before my vacation. Hopefully, soon after the report is submitted, I can get with Ken and the IT folks to start the implementation work. Let me know if we need to meet to get back on track.

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**From:** [Laura House](#)  
**To:** "Avinash Bhati"  
**Subject:** RE: CJCC Meeting/presentation  
**Date:** Friday, August 25, 2017 12:52:53 PM

This is wonderful! Thanks so much, Avi. I will put you in contact with Ellen McCann now.

**From:** Avinash Bhati [mailto:[abhati@maxarth.com](mailto:abhati@maxarth.com)]  
**Sent:** Friday, August 25, 2017 12:48 PM  
**To:** Laura House <[Laura.House@psa.gov](mailto:Laura.House@psa.gov)>  
**Subject:** CJCC Meeting/presentation

Hi Laura:

My flight plans are finalized for 9/20 onwards so I should be able to do the CJCC meeting/presentation on 9/19. Please put me in touch with the relevant folks at CJCC. Thanks.

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**From:** [Michael Kainu](#)  
**To:** [Avinash Bhati](#)  
**Subject:** RE: Code for creating one safety score  
**Date:** Tuesday, May 7, 2019 12:07:00 PM

Thanks!

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>  
**Sent:** Tuesday, May 7, 2019 12:03 PM  
**To:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>  
**Subject:** Code for creating one safety score

(b)(4); (b)(5)

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**From:** [Avinash Bhati](#)  
**To:** [Hala Maktabi](#)  
**Cc:** [Michael Kainu](#)  
**Subject:** Re: Comparison of Current and Revised risk categories for Any Arrest and FTA  
**Date:** Friday, March 15, 2019 4:03:59 PM  
**Attachments:** [Current Revised Categories Comparison 20190315.xlsx](#)  
[ATT00001.htm](#)

(b)(4); (b)(5)

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On Mar 15, 2019, at 3:50 PM, Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)> wrote:

(b)(4); (b)(5)

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On Mar 15, 2019, at 11:10 AM, Hala Maktabi  
<[Hala.Maktabi@psa.gov](mailto:Hala.Maktabi@psa.gov)> wrote:

Goodmorning Avi,

(b)(4); (b)(5)



thoughts?

Thank you again Avi,  
Hala

**From:** Avinash Bhati <[abhati@maxarth.com](mailto:abhati@maxarth.com)>

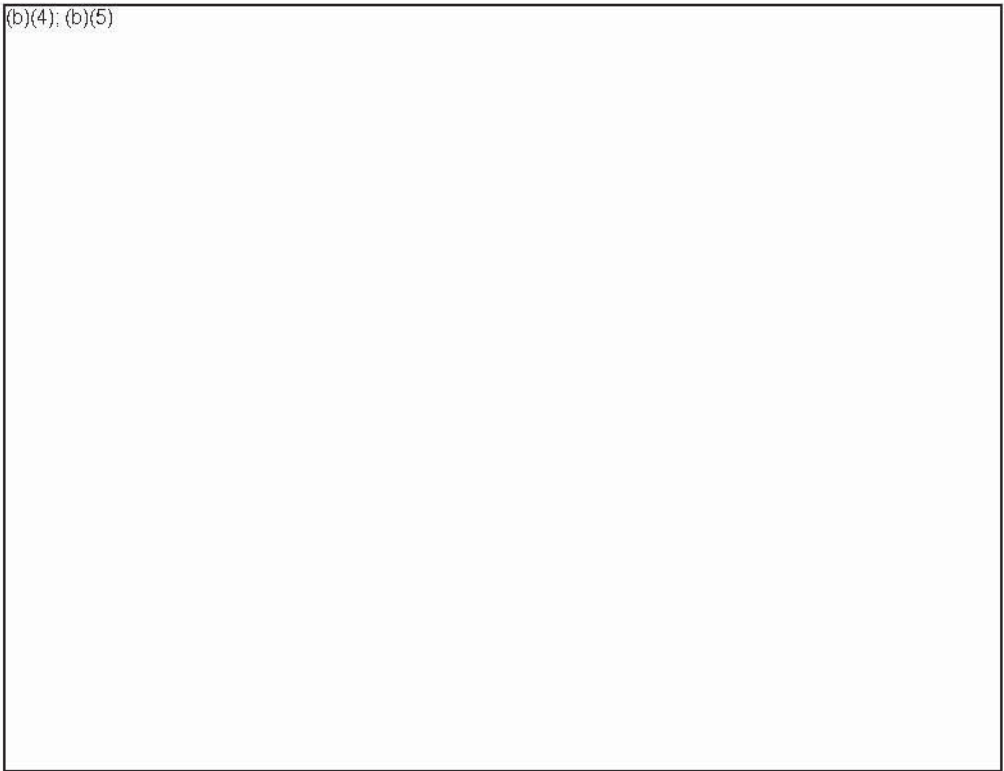
**Sent:** Friday, March 15, 2019 10:54 AM

**To:** Hala Maktabi <[Hala.Maktabi@psa.gov](mailto:Hala.Maktabi@psa.gov)>

**Cc:** Michael Kainu <[Michael.Kainu@psa.gov](mailto:Michael.Kainu@psa.gov)>

**Subject:** Re: Comparison of Current and Revised risk categories for Any Arrest and FTA

(b)(4); (b)(5)



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On Mar 15, 2019, at 10:21 AM, Hala Maktabi  
<[Hala.Maktabi@psa.gov](mailto:Hala.Maktabi@psa.gov)> wrote:

Goodmorning Mike,

Thank you and Avi for providing! It looks like the overall risk distributions are comparable under resource constraint model but I'm not sure I'm clear on change in risk