Invisible Headlights
Frequently Asked Questions (FAQs)
as of 04/06/20

7Q: When do you estimate the BAA will be released?
7A: The BAA will be posted soon on the DARPA Opportunities page, beta.sam.gov, and grants.gov.

6Q: Is technology X within the scope of the program?
6A: Please see the BAA for detailed information about what is and is not in scope.

5Q: Is there any limitations on the cooling requirements for the IR sensors used? For example, is operation at cryogenic temperatures excluded, or considered unfavorable?
5A: Different technical areas will have different requirements. Some technical areas will not exclude cryogenic temperatures. Please see the BAA for more details.

4Q: I did not attend the Proposers Day. Can you share the information from the industry day with me, including the attendee list if possible?
4A: The attendee list will be posted on the DARPA opportunities page.

3Q: Can we have technical discussions with you before the BAA is released?
3A: We are not currently having private technical discussions with potential performers. Please see the upcoming BAA for more details, and feel free to send specific questions to InvisibleHeadlights@darpa.mil. Responses will be posted on the BAA FAQ pages.

2Q: Where the 6-th power of vehicle speed comes from?
2A: Initial Government Team modeling led to this example of vehicle speed / 3D-vision scaling. We will not be sharing these models. Proposers are encouraged to consider what scaling rules they believe more accurately reflect physical limits on useful 3D Vision for autonomous navigation, and to explain why the example provided in the Proposers Day is inaccurate or incomplete.

1Q: Please let us know if a particular IR spectrum can be specified, such as a solution in the SWIR, or we can suggest solutions that mix SWIR/MWIR/LWIR spectra.
1A: Solutions should work in extremely dark conditions using ambient emissions only. Do not assume that external illumination, for example from starlight or moonlight, will be available. See the BAA for more details.