Lead Scientist: Project Number:

Date:

Name of the Review Session:

## PANEL RECOMMENDATIONS FOR ARS RESEARCH PROJECT PLAN

The purpose of this review is to judge the technical merit of the planned research and to make constructive comments for improvement. The focus of research has been determined by ARS to be essential to its mission, and, if approved, funding is available. Please provide both comments on each review criterion. For criterion 1, please follow the format provided. It is important to state briefly the rationale for suggestions or questions posed. Recommendations can include specific questions you believe should be addressed by the lead scientist.

1. Adequacy of Approach and Procedures: Are the hypotheses and/or plan of work well conceived? Are the experiments, analytical methods, and approaches and procedures appropriate and sufficient to accomplish the objectives? How could the approach or research procedures be improved?

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Name of the Review Session:

2. Probability of Successfully Accomplishing the Project's Objectives: What is the probability of success in light of the investigator or project team's training, research experience, preliminary data, if available, and past accomplishments? Are the objectives both feasible and realistic within the stated timeframe and with the resources proposed? Do the investigators have an adequate knowledge of the literature as it relates to the proposed research?

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**3.** Merit and Significance: Will the successful completion of the project enhance knowledge of a scientifically important problem? Will the project lead to the development of new knowledge and technology? Are you aware of any other data/studies relevant to this research effort? If applied research, comment on the value of the research to its customers.

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Additional Comments or Suggestions:

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Date: