

ABSTRACT AND BIOGRAPHY

JCL Status of Implementations-IPAO Programmatic Assessment Philosophy

This is the second in the series of ongoing discussions on Programmatic Analysis and Joint Confidence Level the requirements and the methods of their implementation. Last year's presentation talked about the synergy between the Independent Cost Estimate and an Independent Schedule Risk Analysis assessments. This year we will discuss the current best practices of JCL that are being implemented throughout the agency. It will address the revised timeline for our assessments, the methodologies used, the outcomes, and the roles of the SRB and the project being reviewed in contributing to a successful product that can be brought to the Governing Program Management Council. We will spend time among the various implementations both Program level and Project that have been done with the assistance of PA&E Cost Analysis Division (CAD). Each approach will have their strengths and weaknesses discussed at length. Additionally, there will be an extended discussion of the Orion Standing Review Board Programmatic Analysis and the cooperative environment that led to the successful Non Advocate Review.

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Mr. Richard Greathouse leads the IPAO Programmatic Assessment Group which is responsible for providing independent cost estimates and analysis for IPAO program/project reviews. Mr. Greathouse has served as cost analysis team leader for numerous independent cost estimates. Mr. Greathouse developed cost estimates for the Hubble Robotic Servicing Mission, James Webb Space Telescope, and other NASA projects. He is also the technical expert in cost analysis tools development. Prior to NASA, Mr. Greathouse was an operations research analyst on the Comanche Program, Theater High Altitude Area Defense (THAAD), and other DoD programs. Mr. Greathouse holds a BS in Physics from University of North Carolina and a MS in Computer Science from Florida Institute of Technology.