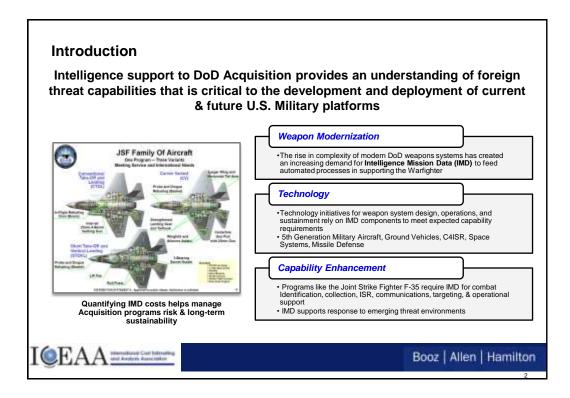
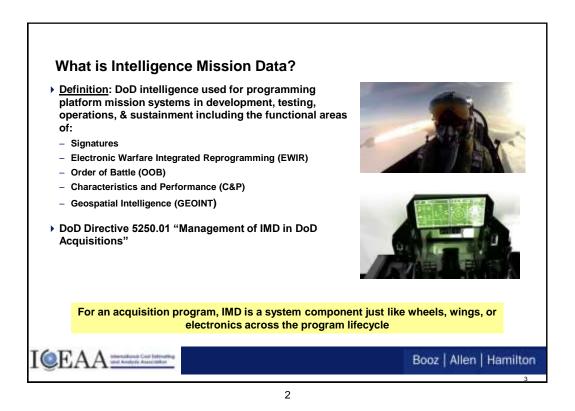
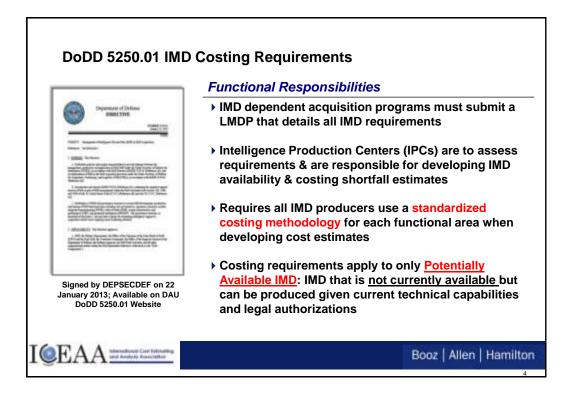
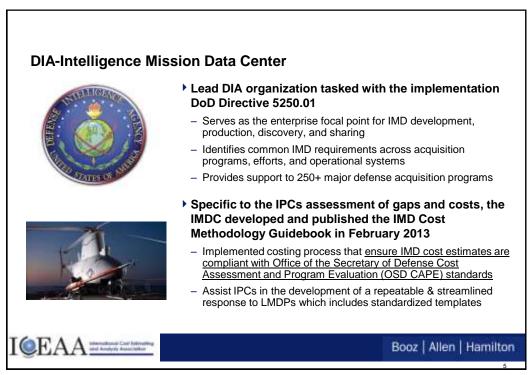


ICEAA 2014 Professional Development & Training Workshop

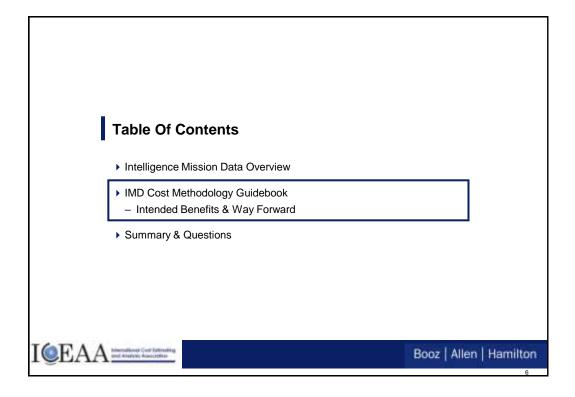


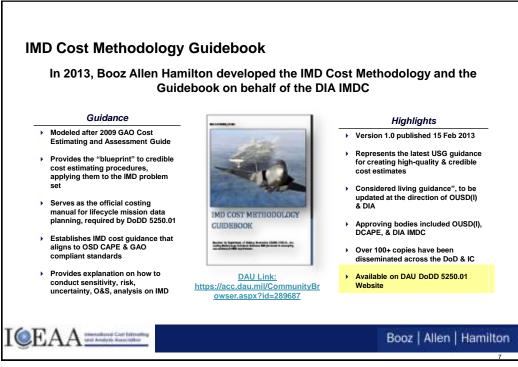


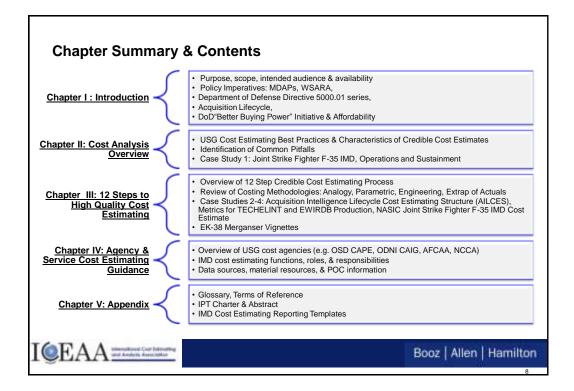


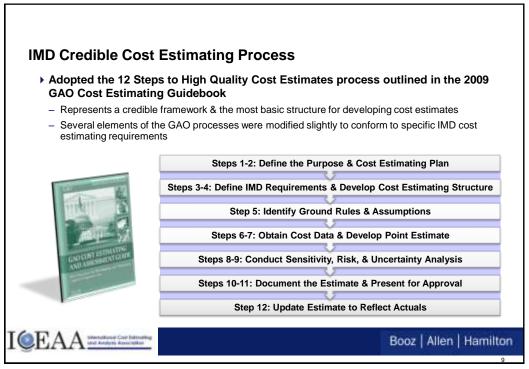


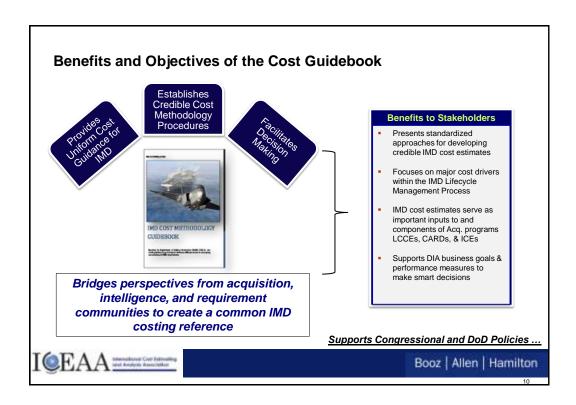
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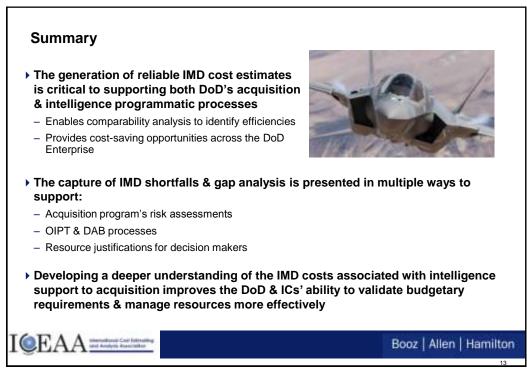


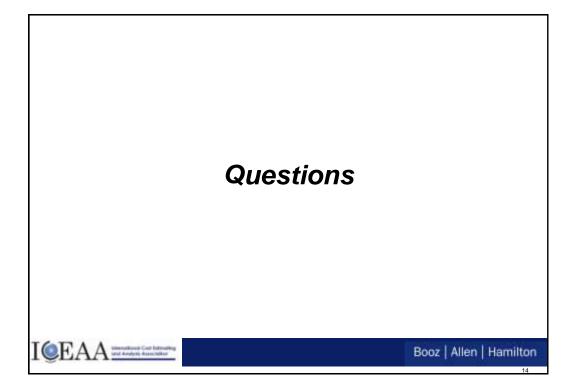




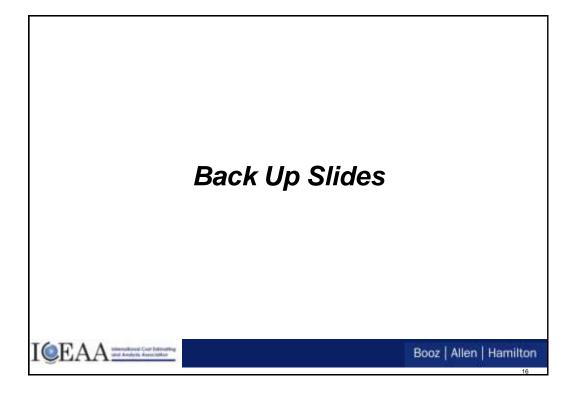
IMD Costing Efforts	Created a 50+ IMD Costing Standards Working Group; designed to tackle a variety of complex issues facing IMD
	Provided technical cost assistance and training to IPCs
	Developed the first ever IMD Costing Requirements Workbook
	Established a prioritization process for LMDPs entry into the availability and costing phase
	Refined processes to aggregate and conduct analysis on IPC costing shortfall data; 7 programs assessed to date (i.e. AMDR, IFPC, 3DELRR)
1	Monitor emerging JSF F-35 IMD requirements (June-Aug)
	Conduct cross program IMD analysis of MDAPs going through LMDP phases (July-Aug)
	Update IMD Cost Methodology Guidebook (Aug-Oct)

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 IMD Cost Methodology Guidebook Intended Benefits & Way Forward 	
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	Booz Allen Hamilton



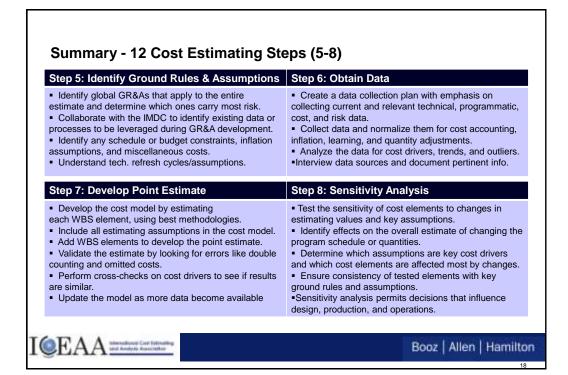


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Step 1: Define Purpose & Scope	Step 2: Develop Estimating Plan
 Identify required level of detail, overall scope of the estimate, and who will receive the estimate. Level of detail & overall scope will vary based on maturity of acquisition program. Estimates will be delivered to PMs and decision- makers to inform resourcing and risk strategies. 	 Identify cost estimating team, outline approach and develop timeline Teams should include broad participation (mix of IMD producers & resource managers in consultation with acquisition programs, acq-intel personnel and IMD functional area board.
Step 3: Define IMD Requirements	Step 4: Determine Cost Estimating Structure
 Determine the appropriate specificity of IMD requirements for the program or effort's level of maturity and development. IMD producers will identify available, potentially available, and unobtainable requirements. IMD producers, the IMDC, and acquisition effort sponsors should agree on the potentially available IMD requirements and the scope of the cost estimate. 	 Describe the level lower system characteristics, configuration, quality factors, operational concept, and the risks associated with the system. Select estimating method for each WBS element. Define a WBS and describe each element in a WBS dictionary. Identify potential cross-checks for likely cost and schedule drivers. Develop an IMD cost estimating checklist.

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Step 9: Conduct Risk & Uncertainty Analysis	Step 10: Document the Estimate
 Determine and discuss with technical experts the level of cost, schedule, and technical risk associated with each WBS element. Analyze each risk for its severity and probability. Determine type of risk distributions and reason for their use. Use an acceptable statistical analysis methods. Identify the amount of contingency funding and add this to the point estimate to determine the risk-adjusted cost estimate. 	 Document all steps used to develop the IMD cost estimate. Document the purpose of the estimate, the team that prepared it, and who approved the estimate and on what date. Include auditable and traceable data sources for each cost element and document for all data sources how the data were normalized. Describe the results of the risk, uncertainty, and sensitivity analyses.
Step 11: Present Estimate for Approval	Step 12: Update Estimate to Reflect Actuals
 Develop a briefing that presents the documented life- cycle cost estimate. Focus on the largest cost elements and drivers. Make the content clear and complete so that those who are unfamiliar with it can easily comprehend the competence that underlies the estimate results. Act on and document feedback from management. Request acceptance of the estimate. 	 Update the estimate to reflect changes in technical or program assumptions or keep it current as the program passes through new phases or milestones. Report progress on meeting cost and schedule estimates. Document lessons learned for elements whose actual costs or schedules differ from the estimate. Document all changes to the program and how they affect the cost estimate.

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