Practical Software Measurement

Practical Software Measurement
A foundation for objective project management

PSM Workshop

Office of the Under Secretary of Defense Acquisition and Technology

Joint Logistics Commanders Joint Group on Systems Engineering

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Practical Software Measurement

Workshop: PSM Future Directions and Guidance

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Objectives of the Workshop

- *Identify Strengths and Weaknesses of Current Guidance*
- *Define Future PSM Guidance Updates*
  - *Multi-level measurement extensions*
  - *Open systems engineering measures*
  - *Implementation guidance for small projects and commercial applications*
  - *Measuring COTS software*

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Objectives of the Workshop (Cont.)

- *Revise PSM Product Formats*
  - *Usability and understandability*
- *Identify Needs for Additional PSM Products and Services*
  - *Training - distance learning, computer based training, executive level course*

Workshop Background

- *PSM Products*
  - *PSM Version 1.0 - April 1995*
  - *PSM Version 2.1 - March 1996*
  - *PSM Version 3.1 - April 1998*
  - *PSM Insight Beta Version 1.0 - July 1997*
  - *PSM Insight Version 2.0 - April 1998*
  - *PSM: MPM Version 1.0 - April 1997*

Workshop Background

- *Future PSM Products Will Address*
  - *Systems Engineering*
  - *Product Engineering*
  - *Process Improvement*
- *Training Materials*
  - *Modular 3 day training course scheduled for Sept 98*

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Workshop Agenda

0830 - 0900	*Strengths and Weaknesses of Current Guidance*
0900 - 1000	*Outline Future PSM Requirements*
1000 - 1100	*Discuss Product Formats*
1100 - 1200	*Related Products and Services*
1200 - 1300	*Lunch*
1300 - 1600	*Sub-Group Discussions on Future Guidance*
1600 - 1700	*Group Discussions and Summary*

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Intended Audience

- *PSM Current and Future Users*
- *Participants With Interest in Future Guidance Areas*
- *Participants With Interest in Other Products (Training)*

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Intended Output

- *List of Strengths and Weaknesses of Current Guidance*
- *Prioritized List of Future Guidance Areas With Initial Details of Technical Content for Key Areas*
- *Recommended Outline for PSM Product Formats*
- *Recommended List of Other Products and Services*