

Practical Software Measurement

Practical Software Measurement

A foundation for objective project management



PSM Workshops

Office of the Under Secretary of Defense
Acquisition and Technology

Joint Logistics Commanders
Joint Group on Systems Engineering

PSM 1

23 Jul 98

Practical Software Measurement

Workshop: Measurement and Software Process Improvement

PSM 2

23 Jul 98

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Objectives of the Workshop

- Clarify the Role of Measurement in Software Process Improvement (SPI)
- Identify Obstacles to Measurement in SPI
- Make Recommendations for Implementation of Measurement in SPI
- Generate Issue-Category-Measure Structure for SPI

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Workshop Background

- PSM History in this Area
 - Companion to the PSM Guidebook Published by SEI
 - Rapid Growth of Interest in this Topic (FAA ICMM, Consulting with Industry re: SW-CMM)
- Where We're Heading
 - Use PSM to Accelerate Process Improvement

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Workshop Background

- Issues, Questions, and Topics
 - Measurement Issues for SPI: Compliance, Efficiency, Effectiveness, Stability, Capability, Improvement

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Workshop Format

- Agenda
 - Introduction
 - Role of Measurement in SPI
 - Breakout Groups
 - Lunch
 - Status Report
 - Breakout Groups
 - Briefing by Breakout Groups
 - Wrap-up

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Intended Audience

- Anyone with an Active Interest in Process Improvement (not Limited to Software)
 - Managers
 - SEPG Members
 - Measurement Personnel

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Intended Output

- SPI Issues List
- SPI Measurement Obstacles List
- Beginning of SPI I-C-M Mapping

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