

## **Karen V. Bourgeois**

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Karen Bourgeois has more than 10 years of software/systems process experience and an additional 10 years of hardware/software/systems experience in the military subcontracting industry. She is currently leading the M&DS Western Region's SEI CMM Level 4 pilot effort, is participating in the M&DS SEI CMM L5 strategy, and has been instrumental in strengthening the L2/L3 measurement practices in the San Jose campus. She recently led the M&DS Metrics Transition team to identify measurement best practices and is supporting the M&DS Metrics Program Steering Committee. She is also participating in the M&DS cross-regional Inspections team to establish a common inspections practice across the regions and engineering disciplines. She also initiated first formal lessons learned capture process on the company's programs.

As a member of Loral's (and Ford Aerospace's) corporate Software Productivity Laboratory, she has authored the Software Inspections Guidebook, training course, and inspection metrics spreadsheets. While a member of Loral's (and Lockheed Martin's) Western Development Labs' Software Engineering Process Group, she was site coordinator during the Level 3 CBA/IPI, chaired the inspections, training, and metrics working groups, and represented software engineering on the IPD Training Budget Committee.

Her external publications include, "Process Insights from a Large-Scale Software Inspections Data Analysis," *Crosstalk: The Journal of Defense Software Engineering*, Vol. 9, No. 10, October 1996.

Ms. Bourgeois has presented numerous briefings and tutorials on inspections, metrics, and reuse at conferences, professional groups, and companies such as SEPG'97, CSS'96, WISR'92, ReBART'91, Silicon Valley Bay Area SPIN, Hewlett-Packard, SUN Microsystems, and Software Productivity Consortium.

She has earned an M.S. degree in Systems Management with a minor in Management Information Systems from the University of Southern California, Washington DC Extension, and a B.S. in Psychology from Mary Washington College in Virginia.