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Volume 54

January 2003

Number 4

## “Applying Quality Assurance Principles to Software Development”

By Craig Ayers & Kim Stanley – Ontario Systems

**Pre-Clinic:** 6:00 PM

**Dinner:** 6:30 PM Meal Cost: Pay Restaurant

**Program:** 7:30 PM

**Wednesday, January 15, 2003 6:00 PM**

**About the Program:** Many quality assurance principles are applicable to all production environments, regardless of industry. This presentation will focus on how Ontario Systems applies these principles to software development.

**About the Speakers:**

**Craig Ayers**, Manager, Quality Assurance, Ontario Systems

Craig Ayers manages Ontario Systems’ Quality Assurance group. This group includes systems analysts, quality control analysts and media specialists who work directly with over 100 software developers. The team is responsible for development processes and all software testing, as well as project design and documentation before it is released to the client. Ayers holds an M.S. in Computer Science and a B.S. in Industrial Technology, both from Ball State University. He earned the Certified Software Quality Analyst designation from the Quality Assurance Institute in Orlando, Fla.

**Kim Stanley**, Supervisor, Quality Control, Ontario Systems

Kim Stanley is a supervisor in Ontario Systems’ Quality Control group. Her group is responsible for testing new software enhancements and ensuring the core software functionality is not compromised. Her team designs automated test scripts and works closely with software developers and technical writers on project design and documentation. Stanley earned a Bachelor of Fine Arts in Interior and Environmental Design from Ball State University. Currently, she is pursuing an M.S. in Information and Communication Sciences at Ball State University. Stanley earned the Certified Software Test Engineer designation from the Quality Assurance Institute in Orlando, Fla.

Meeting will be held at:

### Sirloin Stockade

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<b>Region 9 Director</b>	<b>Mike Mazu</b> (812) 853-4896 <a href="mailto:pmazu@aol.com">pmazu@aol.com</a>

## Section 0904 Calendar

2002 – 2003

September 18	Dinner & Program
September 24	Board Meeting
October 4	Deadline: Dec. Cert Exam
October 16	Dinner & Program
October 19	Certification Exams
October 22	Board Meeting
November 6	Delco Remy Tour
November 19	Board Meeting
December 4	Delphi Plant 20 Tour
December 7	CQE / CQA Exams
Jan 7, 2003	Board Meeting
January 10	Deadline: March Cert. Exam
<b>January 15</b>	<b>Dinner &amp; Program</b>
January 21	Board Meeting
February 19	Dinner & Program
February 25	Board Meeting
March 1	Certification Exams
March 19	Dinner & Program
March 25	Board Meeting
April 4	Deadline: June Cert Exam
April 16	Dinner and Program
April 22	Board Meeting
May 21	Dinner & Program
May 27	Board Meeting

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Contact:

The Newsletter Editor: Bob Cooper



# Chat from the Chair:

At a December conference in Chicago, the ISO/TS 16949 International Automotive Task Force reemphasized their intention to require the upgrade of current QS 9000 registrations to the new International ISO/TS 16949:2002 Standard. Among their comments were:

- There was nothing wrong with QS 9000 as it was written, only in its application.
- The 2<sup>nd</sup> Edition released in March of 2002 was developed by the IATF in conjunction with ISO/TC 176 including JAMA participation.
- Ford, DaimlerChrysler and General Motors have all set deadlines for the upgrade: DaimlerChrysler by 2004; Ford and GM by 2006.
- There will be no extensions to these dates as there has been plenty of advance notice of the requirement. (Don't procrastinate – The DaimlerChrysler representative said that they choose the earlier date to avoid this problem)
- There are no plans to revise QS 9000 to comply with ISO 9001:2000. As of December 15, 2003, it becomes a “stand alone” certificate. ISO/TS 16949:1999 will also end on December 15, 2003.
- The latest editions of the QS 9000 reference manuals (PPAP, SPC, etc.) continue in effect and some will probably be updated. They will be included in the customer specific requirements of each of the “Big Three”.
- ISO/TS 16949:2002 certification includes compliance with ISO 9001:2000 and a separate certification will not be required by the automotive companies.

There were continual references to more stringent registrar and auditor requirements, including prior experience and volume of audits as conditions of qualification.

Although it was plainly stated that one of the “benefits” of this standard will be reduced audits, there was no indication that the current use of Ford's Q-1 or GM's Quality System Basics would be discontinued.

The phrase: “They just didn't get it” was used several times in reference to suppliers, registrars and auditors alike.

*Chuck Darger* - Section Chair

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**Welcome New Members:**

**John McDonald  
Zane White**

**November 2002 Meeting Summary**

Twenty-nine Quality Professionals, including 9 guests, attended the Delco-Remy Plant Tour. Those attending were impressed by the excellent housekeeping, and quality of products and procedures. Many quality tools were in use. Travis Cox gave a presentation on the development of a flexible work cell. Work Standards and Mistake Proofing improved the quality from 35,000 PPM to near zero. Thanks to Max Butcher, Dawn Saxon and Travis Cox for a Quality Tour!

**December 2002 Meeting Summary**

Eighteen Quality Professionals attend the December meeting. We were fortunate that the forecasted Snow missed us. This tour was interesting, educational, and well planned. Many thank to our Tour Presenters and Guides, Deb Hunter, Quality Manager, Jack Enlow, QS Coordinator, Mike Faraci, Quality Engineer, Mike Hess, Maintenance, Brian Alberson, Tooling, Brian Kettler, Industrial Engineering Manager for their valuable time in preparation and the night of the tour, and for sharing their

**Directions to Sirloin Stockade:**

**From Muncie:** Follow McGalliard Road. (SR 332) West to Morrison Road. Landmarks: Wal-Mart and Lowe's on your left. The Sirloin Stockade is behind the Village Pantry on your right. Turn North (RIGHT) onto Morrison. Road Construction has changed the Sirloin Stockade entrance. Turn LEFT just north of the Village Pantry. Turn LEFT again then straight into the Sirloin Stockade parking lot.

**From Anderson:** Follow I69 North to SR332 (Exit 41). Follow 332 into Muncie. Turn LEFT onto Morrison Road.

**From Marion:** Follow I69 South to SR332 (Exit 41). From there it's the same as the Anderson instructions.

**From Richmond:** Follow US35 North to the Muncie Bypass (SR3 & US35). Follow the Bypass North to the first traffic light and turn LEFT on McGalliard Road (SR332). Follow the Muncie directions.

**From Hartford City:** Follow SR3 South to the Muncie Bypass and continue to the first traffic light (McGalliard Road). Turn RIGHT on McGalliard Road (SR332). Follow the Muncie directions above.

**From Portland:** Follow SR67 South to the Muncie Bypass (SR3 & US35). Continue south to the first traffic light (McGalliard Road). Turn RIGHT on McGalliard Road (SR332). Follow the Muncie





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**Section 0904**  
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**Founded: 1949**

54 Years of Quality in East Central Indiana

### **What's Inside:**

**1. Membership Meeting Notices**

***Wednesday,***  
***January 15, 2003***

**“Applying Quality Assurance Principles to Software Development”**

**By Craig Ayers & Kim Stanley –**  
**Ontario Systems**

**2. Directions to the Meeting**

**3. List of 2002-2003 Officers**

**4. Section Calendar 2002-2003**



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