

READ-OUT

BATON ROUGE SECTION

**ISA—The Instrumentation, Systems,
and Automation Society**



2006 Monthly Meeting
(Paul D. Van Burskirk, A+ FloTek
“Balanced Flow Meter”)
Thursday, March 16, 2006
From 11:30 am to 12:30 pm
(Start Serving lunch at 11:45 am)
Holiday Inn, Gonzales
1500Hwy 30, Gonzales, LA 70737

Cost: **12\$** if you pre-register
15\$ if you register at the door

Register now by emailing us at:
isareservations@hotmail.com

READ-OUT
March, 2006
VOLUME 20
NUMBER 2

IN THIS ISSUE...
Society & Section Information, Meeting Review,
Useful technical info, Calendar of Events

President's Corner

Looking back on Spring 2006 / Fall 2005, our area has certainly experienced some very unusual circumstances and situations, but it appears that many of us have seen these difficulties as opportunities. I hope that all of you are doing well, and that your lives are getting back-to-normal. We are seeing a dramatic increase in workload this year, and I'm hopeful that it represents a long-term trend in the petrochemical industry; reversing the difficulties it faced just a year or two ago.

With the increasing workload, it has been difficult in finding people willing to lead our effort to hold a tabletop vendor Expo this June. We have several vendors willing to serve, but this effort won't succeed without a dedicated team leader. If you have interest in leading this effort and interfacing with the board, please contact any board member to discuss this. We are also seeking people interested in serving on the ISA board for next year, which starts in July 2006. I would like to see more vendors involved with ISA as many of the section's activities are supported by and offer benefit to the local vendor community. If you are interested in serving as an ISA Baton Rouge Section board member, please contact a current board member to discuss how your talents could be used to benefit the section.

We will have our monthly meeting for March on Thursday, March 16 at 11:30 AM at the Holiday Inn on Highway 30 in Gonzales. Details and RSVP instructions are found on the cover page of this newsletter. If any vendors are interested in presenting a technical presentation at our annual elections dinner meeting in mid-May, please contact Murtaza Gandhi at murtaza_gandhi@yahoo.com.

Again, I appreciate any suggestions or feedback you can give me or other board members. To contact me, please send your emails to jtjones@bfd.com. If you are interested in seminars and programming opportunities through the section, you can contact our Program Chair, Murtaza Gandhi at murtaza_gandhi@yahoo.com.

Sincerely,
Jay Jones,
ISA Baton Rouge Section President

ALPHA
PROCESS SALES, INC.
Serving Industry for 50 Years
Baton Rouge, Lake Charles, New Orleans & Shreveport
Phone 800.864.9066 * Fax 225.751.8954
www.alphaprocesssales.com

- Foxboro • GO Regulators • Mikron • Thermo Orion
- ENRAF • Headline Filters • Noshok • Texas Sampling
- Midwest • GESTRA • Herion • King Instruments
- Alltemp • Fluoroware • Hydroseal • Parker / Skinner

ANDON (225) 756-5200
SPECIALTIES INC. Fax: (225) 756-5282
12135 Industriplex Blvd. • Baton Rouge, LA 70809

AWC Sales and Corporate Offices LA WATTS
800/364-0292

AWC
INCORPORATED

FAX (225) 755-6723 6655 Exchequer Drive
Sales (225) 752-1100 Baton Rouge LA 70809

BBP Sales, Inc.
*Louisiana
Mississippi * Arkansas*
QUALITY INSTRUMENTATION
FOR INDUSTRY
Phone (225) 751-4142
(800) 299-4142
FAX (225) 751-4136
www.bbpsalca.com

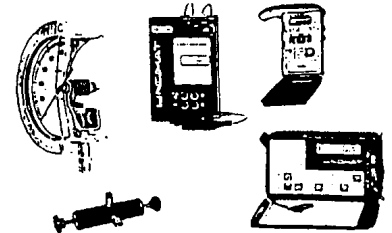
Carter Chambers LLC
Specialty Valves and Instrumentation

MARK H. CRAIG
Instrumentation Product Manager

6800 S. Choctaw Drive Phone (225) 926-2123
Baton Rouge, LA 70806-1383 Fax (225) 926-8111
mhcraig@carterchambers.com Cell (225) 921-3358

CHEMPLEX CONTROLS
6105 HOLLYFIELD
BATON ROUGE, LA 70809 (225) 755-3612

PermaCal Gauges - Tough as Nails! • Conoflow Seals
Unomat Smart Calibrators for: RTD TC Hz mA/Loop
Crystal Engineering Transmitter & Loop Calibrators
EATON/Consolidated Controls Digital Pressure Standards
P-101/102 Test Pumps • Pelican Carry Cases
Fluke • Exttech • Digital Multimeters and Thermometers



(225) 755-3612

CHROMALOX®
PRECISION HEAT AND CONTROL

Ross & Pethtel, Inc.
POST OFFICE BOX 15223 • BATON ROUGE, LA 70895

BATON ROUGE (225) 273-2202
BATON ROUGE FAX (225) 273-2297
JACKSON, MS (601) 922-8487
www.rosspethtel@yahoo.com

BATON ROUGE, LA 225/291-1314
LAFAYETTE, LA 337/269-1162
LAKE CHARLES, LA 337/433-9710

*Coastal Engineering
Equipment Sales, LLC*

BOX 23526
ELMWOOD, LA. 70183
(504) 733-8511
FAX (504) 733-8516

W. E. "Gene" Cook
Instrument Consultant

13434 Jefferson Hwy., Baton Rouge, LA 70817 (225) 752-CSCI (2724)
E-Mail: gene@controlsystemsconsultants.com 1-877-999-2724 (Toll-free)
Website: www.controlsystemsconsultants.com (225) 752-0977 (Fax)



Control Valve Specialists, Inc.
MANUFACTURERS - FABRICATORS
COMPLETE VALVE SERVICES

HOUMA
(985) 86-VALVE
Fax (985) 868-2616
BATON ROUGE
(225) 357-4730
Fax (225) 357-6543

1865 LOWER BAYOU BLUE RD.
P.O. BOX 10014, STA. 1
HOUMA, LA 70363-5990
4302 SCENIC HWY.,
BATON ROUGE, LA 70805

24 HOUR SERVICE
1-800-321-0536

BOB C. MOATE
PRESIDENT

PAGER:(985) 850-8400

CURRIER & ROSER, INC.

Industry's Source for Quality Instrumentation
26 Commerce Court, Suite 200
New Orleans, Louisiana 70123
1-800-229-1147
FAX (504) 734-9201



DECA Systems, Inc. RES. (225) 261-0396

ELECTRONIC
PNEUMATIC

INSTRUMENT REPAIR SERVICES
CALIBRATION & CERTIFICATION
TRACEABLE TO N.I.S.T.

TIMMY BIHM

Office (225) 273-2770
FAX (225) 273-3407

11411-B Darryl Drive
Baton Rouge, LA 70815



DEL RIO, Inc.

- A+ Corporation
- Accutech
- ASI Instruments, Inc.
- Druck
- ERDCC Engineering
- Hex Valve
- Jordan Valve
- Norman Filters
- McDaniel Gauges
- Tescom

ROGER del RIO
(225) 756-7092
FAX: (225) 756-7099
www.delrioinc.com

Box 869
BATON ROUGE, LA 70821-0869

DESSELLE-MAGGARD
DMC
CORPORATION

P.O. Drawer 86630
Baton Rouge, LA 70879-6630
FAX 225-751-5545

Baton Rouge: 225-753-3290
WATS: 1-800-258-7373
After Hours: 225-921-8442



Micro Motion

ROSEMOUNT

Baton Rouge Sales:
17630 Perkins Road, East Suite
Baton Rouge, LA 70810
Phone: (225) 756-7000
Fax: (225) 756-7014

Gonzales Service Center:
12121 Crown Trap Road
Gonzales, LA 70717
Phone: (225) 644-5496
Fax: (225) 644-4685



Automated Valves

Sales & Service of Valtek Products
24 Hour Repair of ALL Types of
Control Valves.

PHONE 225-751-9880 FAX 225-755-0728

ISA Monthly meetings review for 2005-2006

10/20/05 **Curt Miller, P.E.**, Exida Corporation

Topic: "An update on process safety standards SP 84-2004 and IEC—61508/61511"

11/17/05 **David Jones**, Cablofil Inc.

Topic: "Cablofil Cable Management System"

12/15/05 **Chris Jata**, Schneider Automation

Topic: "Using wireless temperature sensors with power management systems"

01/19/06 **Les Eager**, Wago Corporation

Topic: "Applications of Ethernet Controllers"

02/16/06 **Jon Fiedler**, Krohne Inc.

Topic: "Ultrasonic Flow Technology"

ALL THE MEETINGS WERE HELD AT HOLIDAY INN, GONZALES ON THE THIRD THURSDAY OF EACH MONTH BETWEEN 11:30 AM AND 12:30 PM.

FRIED CATFISH DINNER FROM THE FAMOUS MIKE ANDERSONS SEAFOOD RESTAURANT WAS SERVED AT EACH OF THESE MEETINGS.

THE NUMBER OF ATTENDEES VARIED FROM 25-45.

PDHs AND CERTIFICATES WERE AWARDED AT EACH MEETING.



GE Parametrics

Wally Parker
Senior Technical Sales
Parametrics, Inc.
GE Parametrics Southeast Sales Office
2142 O'Neel Lane, PMB 226, Baton Rouge, LA 70815
225-274-8288, 800-338-2288, Ext. 213
Fax: 225-274-6984, Mobile: 225-773-7171
wsparker@ps.ge.com



CONTINENTAL DISC CORPORATION
UD CERTIFIED RUPTURE DISCS
DET-TRONICS FIRE & GAS DETECTOR
FARRIS SAFETY & RELIEF VALVES
GROTH PRESSURE/VACUUM

GROTH EQUIPMENT CORPORATION OF LA

Hwy. 73 & LA Hwy. 429
P.O. Box 117
Geismar, Louisiana 70734

Phone: (225) 673-6132
1 (800) 259-1456
Fax: (225) 673-8792

March 2006

Upcoming ISA Meetings

- 3/16/06 Paul D. Van Buskirk, MSChE, A+ FloTek
Topic: *"Balanced Flow meter"* (worthy of NASA patent)
- 4/20/06 Stan Prutz, P.E., QDS Systems
Topic: *"Selection and Application of Variable frequency drives"*
- 5/18/06 Brett Boudreaux, Detector Electronics
Topic: *"Updates in optical flame technology"*

Details on the March meeting

Agenda:

- 1) A+ FlowTek Introduction
- 2) Bernoulli Head Meter Technical Basis
- 3) Balanced Flow Meter Design Basis
- 4) Industrial Applications of the Balanced Flow Meter

BIO - Paul D. Van Buskirk, MSChE

Paul D. Van Buskirk is Vice President and Technical Director of A+ FlowTek, and holds a MSChE (Masters, Chemical Engineering) degree from Texas A & I University. Mr. Van Buskirk has special interests in the utilization of process simulation and advanced data handling methods for optimization, control, and diagnostics of plant operations and maintenance. Primary emphasis has been on total plant process modeling using advanced technologies to meet all economic, production, safety and environmental requirements. As Technical Director of A+ FlowTek, Mr. Van Buskirk is the primary developer of several software programs and Project Lead Consultant for the process industries. This includes flow meter and sensor error detection and data reconciliation software as applied to the process industries and NASA's Space Shuttle rocket engines. Mr. Van Buskirk holds several patents, including the Balanced Flow Meter. He has authored several technical papers and given numerous presentations and training seminars on process flow systems.

FLEXICON
INC.

11800 INDUSTRIPLEX BLVD.
SUITE 2
BATON ROUGE, LA 70809
OFFICE: (225) 752-9960
800-235-9576
FAX: (225) 752-9962
E-MAIL: flexicon@eatel.net

THOMAS R. GRIFFIN
President

A WOMAN-OWNED ENTERPRISE

WIRE:
Instrument 300/600V
Thermocouple Ext
Power & Control
TUBING:
Single Line/ Multi-Tube
Pre-Insulated Single Line
Steam-Electric Traced Bundles
Electric Heaters

High Purity Flow Regulators
Instrument Stands
Insulated Instrument Jackets
Dia-Vac Sampling Pumps
RTM Enclosures
Cable/Tube Trays
Screwless Wire Terminations
Instrument Enclosures, Cabinets

MFG'S AGENT & STOCKING DISTRIBUTOR



Since 1959
HAHN SALES/ENSTOCKO, INC.

Instrumentation Specialists
6936 Renoir Ave. Baton Rouge, LA 70806
Phone (504) 926-9310 FAX (504) 924-6293

INSCO L.L.P.

T. W. (Tim) Alford

2718 Ruby Avenue
Gonzales, LA 70737
PH (225) 644-1331
FAX (225) 647-1332

Baton Rouge Office
Home (225) 930-0081
Toll Free (888) INSCO-12
e-mail: INSCOLLP@eatel.net

Office: (225) 293-1506 9542 Brookline
Avenue (800) 554-3130 Baton Rouge, LA
70809
Fax: (225) 926-1232

**INTEK CORPORATION ~
SOUTH**

JM TEST SYSTEMS, INC.
CALIBRATION LAB. DIVISION
7323 Tom Drive, Baton Rouge, LA 70806
1600 Waterburg Way, Alexandria, LA 71303
1801 N. Lee, Odessa, TX 79761

SALES * REPAIR * CALIBRATION * CERTIFICATION
PRECISION MEASUREMENT & TEST EQUIPMENT
ASHCROFT * AMETEK * MARTEL * THERMOPROBE * RAE SYSTEMS
CHANDLER ENGINEERING * HART SCIENTIFIC * ALL-TEST PRO

Office: 225-925-2029 Website: www.jmtestsystems.com
Fax: 225-927-0036 E-mail: sales@jmtest.com

KROHNE

Harold Keegan
Sales Representative

KROHNE, INC.
1224 Carter Avenue
Baton Rouge, LA 70806
Tel: 225-952-9225
Fax: 877-451-6068
Cell: 225-907-4656

E-mail: keegan@KROHNE.com
Website: http://www.KROHNE.com

**M-TEC
RISE**

VALVES & INSTRUMENTATION
SINCE 1966

PH: 225-673-8822 FAX: 225-673-2626
www.mtecrise.com



Office (225) 293-5540
Wats (800) 321-9467
Fax (985) 649-3601

MID-SOUTH SALES Co, Inc.
INSTRUMENTS, CONTROLS & SYSTEMS

John Welch
Sales Engineer
johnw@midsouthsalesco.com

11748 S. Harrells Ferry Rd.
Baton Rouge, LA 70816

**MOODY
PRICE**

Corporate Office
9015 Bluebonnet Blvd.
Baton Rouge, LA 70810
225.767.7755 Phone
225.763.6005 Fax

Sales Warehouse
18258 Petroleum Drive
Baton Rouge, LA 70809
225.751.7001 Phone
225.751.3001 Fax

NICE-THORNTON

(Formerly NICE INSTRUMENT SALES)

BATON ROUGE, LOUISIANA

"WE WANT TO BE INSTRUMENTAL IN YOUR FUTURE"

Fax No. (225) 766-0904 P.O. Box 40885
 Nationwide Watts (800) 376-NICE BATON ROUGE, LA 70836
 E-Mail Address: nice@niceinstruments.com (225) 766-0828



10985 N. HARRELLS FERRY RD.
 BATON ROUGE, LA 70816
 (225) 273-1145
 FAX (225) 273-1226

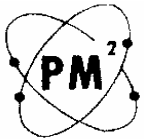
INSTRUMENTATION FOR THE MEASUREMENT AND CONTROL OF TEMPERATURE,
 PRESSURE, WEIGHT, LEVEL, AND DENSITY OF LIQUIDS, SOLIDS AND GASES



PETRO-CHEM EQUIPMENT CO.

4338 JEFFREY DR. / BATON ROUGE, LA 70816
 (225) 292-8400 • FAX (225) 291-1033
 1-800-366-8061

www.petrochemequipment.com



PROCESS MEASUREMENTS

& MONITORS, INC.
 WWW.PMMINC.COM

Phone: 225/927-9415
 Fax: 225/927-1121

INDUSTRIAL
 ELECTRONIC
 EQUIPMENT

ROBERT POOLE
 Sales Engineer

9643 INTERLINE • BATON ROUGE, LOUISIANA 70809

ProSys, Inc.
 Process Systems Consultants

11814 Coursey Boulevard, Suite 408
 Baton Rouge, Louisiana 70816 USA

Telephone +1-225-281-9591 Email prosys@prosysinc.com
 Telefax +1-225-281-9594 Website www.prosysinc.com

**RALPH'S
 INDUSTRIAL
 ELECTRONIC
 SUPPLIES**

1732 PLANK ROAD
 BATON ROUGE, LA 70802
 PH. (225) 344-3761
 PH. (800) 324-3761
 FAX (225) 336-4205
 CELL (225) 253-0870
 http: www.ralphselectronics.com
 E-mail: brent@ralphselectronics.us

BRENT BURELETTE
 SALES



**SafePlex
 Systems, Inc.**



Dr. Lawrence Beckman
 President
 lbeckman@safeplexsystems.com

SafePlex Systems, Inc.
 5213-B Tacoma
 Houston
 Texas 77041-7036

Specializing in Systems for
 Safety and Critical Control

Tel: 713/983-8410
 Fax: 713/983-8428



Servomex

specialist gas analysis solutions

www.servomex.com

525 Julie Rivers Dr., Ste. 185, Sugar Land, TX 77478, Phone: 281-295-5800,
 or Tollfree: 1-800-862-0200, Fax: 281-295-5899, Email: info@servomex.com

SUMMARY

Current orifice meter technology is known to generate a large permanent loss of pressure. The pressure potential is consumed by the eddy turbulence. Accuracy lost is due to linearity and repeatability issues that are a direct result of the random and chaotic eddy turbulence formations. A+ FlowTek's multi-holed Balanced Flow Meter plate minimizes eddy's and provides higher accuracy over current orifice plate technology. With features worthy of a NASA patent, the A+ FlowTek's Balanced Flow Meter has a 34% accuracy improvement and minimizes energy (pressure) loss by 50%. Accurate measurements are critical to improve plant operational efficiency. The difference between an accurate and an inaccurate flow reading can mean a significant cost savings. Additionally, lower pressure loss conserves energy and saves money. Testing and measurement were conducted by NASA personnel and technology validated through Texas A&M University - Kingsville. The A+ FlowTek Balanced Flow Meter provides balanced kinetic energy and momentum across the fluid flow region. The A+ FlowTek technology significantly reduces turbulent shear, fluid flow stresses and associated eddy formations. For any application, the A+ Balanced flow meter will provide superior performance over a standard orifice plate for accuracy, repeatability, rangeability, control-stability, quality, energy savings, and other improvements

This new A+ FlowTek balanced metering technology provides many benefits when compared to orifice plate design.

- Reduced pressure loss
- Improved accuracy
- Enhanced repeatability
- Increased rangeability
- Self venting & Draining
- Lower vibration
- Reduced noise
- Straightens flow
- Cost effective
- Reduces pipe erosion
- Improved solids handling
- Direct orifice replacement
- No piping changes
- No instrumentation changes
- Same calculation method
- Reduced installation length

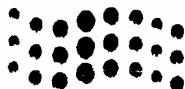
The A+ Balanced Flow Meter is competitively priced to the cost of standard orifice plates. Simply replace your current orifice plate with the A+ Balanced Flow Meter plate during normal maintenance cycles and start saving money through accuracy and energy cost improvements, while using all existing equipment. The A+ Balanced Flow Meter plate dimensions and fittings are the same as your existing orifice and the sensor differential pressure curves are equivalent. Additionally, your flow calculations will not need to be changed.

SIEMENS

Process analyzers designed for on-line measurement including complete system integration.

Siemens Applied Automation

Mike Blount
Office: 225-756-9518 Cell: 225-235-8541
Email: michael.blount@siemens.com



Baton Rouge

2610 Scenic Highway
Baton Rouge, LA 70805
(225) 355-0396

FAX: (225) 355-1000
USA Toll Free: 1-888-320-9984

INFORMATION VOICE DATA AUDIO VIDEO CCTV



P.O. Box 3706
Baton Rouge, LA 70821
(225)927-4284/TEL
(225)295-5995/FAX
(225)266-6476/CELL
email:tbaskind@techquip.com
http://www.techquip.com

Tom Baskind



THERMON HEAT TRACING SERVICES, INC.

P.O. BOX 87357 • BATON ROUGE, LA 70879
6332 QUIN DRIVE • BATON ROUGE, LA 70817
(225) 755-2200 • Facsimile (225)755-2231
Email: raymond.doyle@thermon.com

Raymond Doyle

The Heat Tracing Specialists™



**THOMPSON
EQUIPMENT
COMPANY**

Thompson Equipment Company, Inc.
2638 S. Sherwood Forest Blvd.
Suite 215
Baton Rouge, LA 70816
(225) 293-6663 Voice
(225) 293-6673 Fax
www.thompson-equipment.com

INSTRUMENTATION FILTERS

- Membrane
- Sample Process
- Custom
- Headline Filters
- Dryers
- Analyzer
- Exotics
- Liquid
- CNG
- Replacement Elements

www.unitedfiltrationsystems.com

800-311-5561

Large Inventory

Locally Stocked by Andon Specialties
(225) 756-5200



**Van London
Company, Inc.**

Analytical Sensors
pH • Cond • ORP • ISE

6103 GLENMONT • HOUSTON, TEXAS • 77081
713/772-6641 • 800/231-6069 • FAX 713/772-1006

Useful info for I&C Professionals

Certified Automation Professional (Question from CAP Domain I – Feasibility Study)

Gathering requirements is critical to the success of an automation project because they:

- A.** Establish the design and engineering schedule.
- B.** Provide a basis for performing calculations.
- C.** Define the purpose, scope, and objectives.
- D.** Determine funding and buy-in from stakeholders.

Answer: **C.** Define the purpose, scope, and objectives.

Gathering requirements is important because they define the objectives, purpose, scope, needs, and other key meters. They perform the basis for understanding for the customer, the engineer, and other stakeholders. Requirements may make it easier to get funding approval and stakeholder approval but only because the purpose, scope, and objectives are included. Gathering requirements should not affect the ease of calculation. Requirements will not be generated automatically and should be mapped out before an automation project begins.

Reference:

Parshall & Lamb. *Applying S88: Batch Control from a User's Perspective*. ISA, 2000.

Copyright © ISA, 2004

Certified Control Systems Technician (Question from Level I, Domain IV – Start-Up)

The input to a controller that can be manually set, automatically set, or programmed to determine the desired value of the controlled variable is called the:

- A.** measurement signal.
- B.** set point.
- C.** controlled variable.
- D.** output signal.

Answer: **B.** set point.

Copyright © ISA, 2004

READOUT is the newsletter of ISA Baton Rouge Section and is published 9 times a year. Business card ads by sponsors are \$150 per year, double ads are \$275. If you are interested in an ad, have an announcement, comment, question or suggestion; please contact us. **Deadline for ads, articles, etc. is noon on the last Friday of the month! Please provide the information to the editor by email to murry.magness@cdicorp.com**

Certified Industrial Maintenance Mechanic (Question from Domain III – Troubleshooting and Analysis)

A P&ID needs to be updated when:

- A. A change is made to process equipment.
- B. Corrective maintenance is performed on process equipment.
- C. Preventive maintenance is performed on process equipment.
- D. A new model of process equipment is manufactured.

Answer: **A.** A change is made to process equipment

As changes and modifications are made to process equipment, P&ID's must be updated. Without P&ID changes, further modifications or improvements would be incorrect, and maintenance mechanics would not have the correct information to properly perform their work.

Reference:

Job Training Systems Inc. *Reading a P&ID.* Unionville, PA. JTS Inc., 1999.

Copyright © ISA, 2004

Certified Automation Professional (Question from CAP Domain V - Deployment)

A Bill of Materials for purchase of cable on a project is created by completing a material:

- A. Procurement.
- B. Inspection.
- C. Take off.
- D. Requisition.

Answer: **C.** Take off.

A material takeoff is the process of analyzing the drawings and determining all the materials required to accomplish the design. The material takeoff is then used to create a Bill of Materials. Inspection does not aid in creating a Bill of Material. Procurement and requisition are activities that occur after the Bill of Materials is complete.

Reference: Whitt. *Successful Instrument and Control System Design.* ISA, 2004.

Copyright © ISA, 2004

**PLACE YOUR
BUSINESS CARD
HERE!**

**EIGHT SPACES
AVAILABLE!**

Gear up for the upcoming ISA Expo

**17th October through 19th October
Location: Reliant Center, One Reliant
Park, Houston, TX 77054**

March 2006

Standards News -- SP99

ISA's SP99 committee on control system security met this October in Houston, and "a bunch of things happened," said committee chairman Bryan Singer, senior business consultant Rockwell Automation. "We laid out the plan for the first four parts of the standard. We have good architecture and direction for the standard and schedule of completion on different parts." Singer said since the committee has already published guidance and continues to do that, ISA Members from the process industry and critical infrastructure can potentially reduce risk of security incidents on their manufacturing floors.

Depending on how the voting goes, Part 1 will come out at the end of next year and Part 2 shortly after that. "Part 1 is our stake in the ground of models, definitions, and terminology to consolidate the confusing terms in the industry," Singer said. "It'll be the basis for the rest of the standard. Singer said the first draft of Part 1 was coming out now.

The committee also announced another effort to start up Part 2, which will be "the meat of tested aspects of creating a security program," Singer said. "We're going through all the steps of the risk and vulnerability analysis -- from assembling your business team to actually adopting security measures and getting a whole handle on your manufacturing systems security environment." There'll be a draft of that in the next few months.

The SP99 committee is looking at Parts 3 and 4 starting in the next couple of years or within the next year, Singer said. "The idea is by the time we're done with Parts 1 and 2, we'll have established a common definition base for consistent terminology in the industry and a standard that lays out the recommended practices and procedures for establishing a program to secure the manufacturing and controls environment," he said.

Some other good things that happened were completing the first public vote on Part 1 in the first quarter of next year -- Part 2 in June time frame. While that is subject to change, Singer said, "we also had groups we're working with, DHS, Idaho National Engineering and Environmental Laboratory, Sandia National Labs, and other international standards bodies through ISO and IEC to continue development

You can send your request for reservations for the upcoming meetings to isareservations@hotmail.com

Visit us on the web at: www.isa.org/~bator

Contact : Jay Jones, President, ISA Baton Rouge Section at jtjones@fbd.com or

Murtaza Gandhi, Program Chair, ISA Baton Rouge Section at murtaza_gandhi@yahoo.com