

MESSAGE FROM THE CHAIR

Mark your calendars for February 23—25, 2012!

You won't want to miss the **2012 RWMA Annual Meeting**, being held at the Miramonte Resort and Spa, in beautiful Indian Wells (Palm Springs), California.

The theme for this event will be, “**Social Media: How we connect and market our businesses.**” We are working diligently to make this an exciting and informative meeting for YOU and YOUR company. By attending, you will have the opportunity to hear the economic forecast from the well-renowned Economist Alan Beaulieu, President of Institute for Trend Research. Another dynamic speaker will be, Gord Hotchkiss, Senior Vice President at Mediative, an integrated digital marketing company. I encourage all members to attend, and look forward to seeing each of you there.

On another note... Congratulations to Bill Brafford. Bill is the well-deserved recipient of the Elihu Thomson Resistance Welding Award for 2011. He will be honored at the Award Ceremony on Tuesday, November 15, in Chicago, Illinois, during the FABTECH Show. As Sales Manager for Tuffaloy Products, Bill has been very active in RWMA for many years, even serving as RWMA President/Chair from 1999—2001. He is a longtime instructor and Past Chair of the Emmet A. Craig Resistance Welding School.

The Resistance Welding School is something else you will want to take advantage of. Also, recommend it to any of your fellow colleagues in the industry or those just starting out to help further their knowledge on the resistance welding process. I personally have had the opportunity to attend the school and gained a lot of knowledge from it. The instructors do an outstanding job. I can't thank them enough for giving of their time and talents to promote our industry, resistance welding. This school is a huge success each year because of them, the instructors. Encourage others to attend. If you would like any brochures to pass out to your customers or employees regarding the Emmet A. Craig Resistance Welding School, email Susan Hopkins at susan@aws.org and she will send them to you.

Look for the RWMA booth at the FABTECH Show. We encourage our members to volunteer their time and expertise, sharing their resistance welding knowledge with the attendees. Susan will be sending an e-mail shortly to solicit volunteers. If you are planning on being at the FABTECH Show and can spare a couple of hours of your time, RWMA could really use it at their booth. Remember, they represent your company!

I hope to see all of you at these events. Also, please remember your input and ideas are extremely important to me. I consider it a privilege to serve as your Chair this year. Feel free to contact me or any RWMA Officer with **any** questions or concerns you might have.

Sincerely,

Wade Burnette
RWMA 2011 Chair



Banner Welder welcomes new Sales Manager



Germantown-based Banner Welder continues to expand service offerings by adding **Bob Cony** as regional sales manager. Cony has more than 20 years of welding automation and integration experience and will focus his attention on advancing service and technology solutions for customers in the region.

*Submitted by Bob Kerr
Banner Welder
Germantown, WI*



It's the Big 2-0 for Detlef Grisard

Congratulations to **Detlef Grisard** who is celebrating his 20th Anniversary with Resistance Welding Machine & Accessory.

*Submitted by Cliff Adams
Resistance Welding Machine & Accessory
St. Joseph, MI*

T. J. Snow Company is flying high

T. J. Snow Company's use of a small airplane to serve its customers was recently featured in **AOPA PILOT**, the world's largest circulation aviation magazine, which is published by the Aircraft Owners & Pilots Association. You can read the full article at:

<http://www.aopa.org/members/files/pilot/2011/may/qaservesamerica.html>.

*Submitted by Tom Snow
T. J. Snow Company
Chattanooga, TN*

Dengensha America Welcomes New Senior Engineer & Sales Manager

It has been a busy summer at Dengensha America! We welcome a new associate – **Motoyuki "Mickey" Arima**, our new Senior Engineer. Mickey comes to the United States from Dengensha Manufacturing, where he has served in the engineering department for a number of years. He will be taking over for Nate Ukai, who left Dengensha early August to return to Japan.

Welcome to **Kazushi "Kaz" Yano** as Dengensha's new Sales Manager of Japanese Accounts. He is taking over for Kenichi Tsunoda, who left Dengensha America in January to become Manager of domestic sales at Dengensha Manufacturing in Kawasaki, Japan. Mr. Yano has extensive knowledge and experience with all Dengensha equipment and has most recently worked with customers in Thailand and India.

New Equipment Dealer for Dengensha America

Dengensha America is pleased to announce the addition of **C.W. Middlestead Company** as their newest equipment dealer. Located near Philadelphia, C.W. Middlestead provides customized welding machinery for national and international markets, with customers in the automobile, kitchen appliance and nuclear power plant industries. It is a third-generation family owned company that was started in 1945 and has provided quality service and equipment ever since.

In May, Dengensha hosted C.W. Middlestead's Tom Spanuolo and Grant Middlestead Jr., for a day of introductions and product training. It was a great opportunity for everyone to get acquainted and an excellent learning experience across the board. C.W. Middlestead now has a NDZ demo model at their facility for those in the area interested in learning more and getting a hands-on look at the newest version of Dengensha's stationary welder.

WeldMex 2011, a success for Dengensha America

Also in May, Dengensha America attended the 2011 WeldMex show in Monterrey, Mexico. A special thanks to our southern Sales Representative Roger Hanebrink for setting up and manning the booth along with two of our agents in Mexico. They did an excellent job answering people's questions, talking to customers and creating great opportunities for the future.

*Submitted by Samantha Pirc
Dengensha America Corp.
Bedford, OH*

Huys Industries opens new manufacturing facility in Telford, Pennsylvania

Huys Industries has opened Huys Electrodes Inc., in Telford, Pa., in a 15,000 square foot building, to manufacture resistance welding consumables for the automotive, aerospace and electronics industries. Two massive cold forming machines, supported by a machine shop and related presses, CNC lathes and milling machines, will supply 10 million electrodes per annum for markets in North America, Europe and Asia. One of the first products to be made will be Huys' new patented ParaCap(TM) electrode, with a multilayer coating of titanium diboride and titanium carbide. The General Manager, Barry Clymer, with an international reputation and over 30 years' experience in cold forming copper electrodes, has already hired six engineers and skilled, experienced workers and reported at the recent opening: "We have the technology, and the skills, to put American-made products on the American and world markets in 2011." Nigel Scotchmer, President of Huys Industries, said that future expansion plans include a coating facility for the electrodes and a research and development laboratory in 2012, and that "Huys' success and leadership in software simulation in resistance welding with SORPAS(R) software, and the increasing demand for the difficult welding of thinner, stronger, and more advanced steels and coatings, is providing a unique opportunity to expand in the USA for Huys." Barry notes that it has been difficult to keep up with the demand for quality electrodes with the resurgence in world-wide car production, which is forecast to continue for the next five years.



Close-up of one of the five-die cold-heading machines that will transfer and stamp electrodes of a variety of copper alloys at a rate of up to a hundred parts a minute for the resistance welding industry.

The Joy of Welding, Blending Imagination and Practicality

Kevin Chan and Nigel Scotchmer of Huys Welding Strategies and Huys Industries have given five seminars and presentations on "Careers in Welding" to students in the Toronto District School Board and the York Regional School Board. Jacquelin Janackov, a teacher at Carville Mills P. S. said "The students (and staff!) enjoyed the presentations very much, especially the part about the Vikings' welded swords and axes."



As a different slant on welding, the presentations drew upon an historical approach to welding, which both sexes enjoyed. The helmet, left, from Sutton Hoo, has a welded dragon on the nose, with wings as eyebrows, and a golden tail as a mustache. The dragon's head, on the forehead, meets another dragon coming the other way. On the right, is a welded golden head dress of a lady from the Royal Tombs of Ur in Mesopotamia, 2600 years B.C.



*Submitted by Nigel Scotchmer
Huys Industries, Ltd.
Weston, Ontario, Canada*

CenterLine (Windsor) Limited Appoints Southeastern USA Representative



Centerline (Windsor) Ltd. is very pleased to announce that **Mr. Stuart Rogers** has joined Centerline as their SE USA manufacturer's representative. Stuart has over 30 years of automotive experience in welding equipment planning, implementation, setup and sales. He previously worked for Lamb in the UK until moving to the USA 15 years ago. For the past 8 years Stuart was an independent manufacturer's representative for two European welding equipment suppliers. During this period Stuart has the chance to work on a number projects that incorporated Centerline equipment. This enabled him to develop a good understanding of CenterLine's product line and range of services. Stuart has extensive experience supporting BMW and MBUSI, as well as many of the Southeastern US 1st and 2nd tier suppliers. In his new role Stuart will provide strong and effective sales and service support to existing and prospective customers operating in the area. With his knowledge of the Centerline product range, practical experience and dedication to customer satisfaction, CenterLine is confident that Stuart will provide the highest possible level of support to its customers.

CenterLine Announces Launch of Re-Designed Supersonic Spray Technologies Website

CenterLine is very pleased to announce the re-launch of its Supersonic Spray Technologies (SST™) website, www.supersonicspray.com. The site provides an up-to-date overview of SST's Cold Spray

products and services and contains a number of new features including video and literature downloads, enhanced navigation features and detailed overviews of its capabilities.



CenterLine's Supersonic Spray Technologies Division supplies patented low-pressure cold gas dynamic spray (**Cold Spray**) metal coating systems to the aerospace, defense, glass and automotive industries.

Visit us at <http://www.supersonicspray.com> to learn how SST Cold Spray can protect, repair, restore, refinish and recoat your manufactured products.

*Submitted by Marc Levesque
CenterLine (Windsor), Ltd.
Windsor, Ontario, Canada*

NEW RESISTANCE WELDING POCKET HANDBOOK



AWS RWPB:2011
**Resistance Welding
Pocket Handbook**
 American Welding Society

Hot Off The Press

The long awaited **Resistance Welding Pocket Handbook** is now available! This 48-page handbook gives general information relating to the operation of common resistance welding equipment.

Order your copy today. Publication code **AWS RWPB: 2011**, List price: \$20, Member Price: \$15.

All RWMA publications and bulletins can be purchased through World Engineering Xchange Ltd. (WEX). Call 1-888-WELDING, or e-mail your orders to orders@awspubs.com. You can also place orders through the RWMA website at www.aws.org/rwma.

RWMA PROMOTIONAL DVD



RWMA (Resistance Welding Manufacturing Alliance) produced a promotional DVD on the resistance welding industry. It highlights the basics of resistance welding as a process, and its opportunities and growth potential. This DVD is now available to accredited instructors for free! It would be a terrific introduction tool for your classroom regarding all elements of resistance welding. It is fast moving and informative, with extraordinary visuals. It also promotes resistance welding as a potential career path for students. This tool will provide tips for implementing resistance welding into a school's curriculum, and includes information on occupation-specific competencies.

The DVD is available for viewing online at <http://www.aws.org/rwma/videos/>. If you would like your free instructor copy of this DVD, contact Susan Hopkins, RWMA Program Manager, at susan@aws.org, or 800-443-9353, ext. 295.

INTRODUCTION TO RESISTANCE WELDING DVD

RWMA also highly recommends the "Introduction to Resistance Welding" DVD. This comprehensive training video illustrates technique, control, and application. Covers spot, projection, seam, and flash/butt welding. It explains the basic principles, machine components and setup, electrodes, tooling, controls, and transformers. It is ideal for classroom and seminar use, and for introducing and training a company's personnel on resistance welding. (Order Code: RWVID - Price \$415 non-members, or \$320 for members.)

RWMA COMMITTEES

Join an RWMA Committee

RWMA offers its members ample opportunities to become more involved by joining one of its committees. Committee members work independently on various issues, yet collectively strive toward one common goal: to promote Resistance Welding Excellence.

The committees are divided into four active sectors that address various issues within the industry: **Membership, Technical, Marketing, and Education.**

We have made it very easy for you to become involved. Meetings are now held through teleconferences by calling a toll-free number. Be part of keeping the resistance welding process in the forefront of the industry. Email Susan Hopkins, RWMA Manager, at susan@aws.org or call 800-443-9353, ext. 295, to find out how you can be one of the members who help make a difference.

RWMA EDUCATION COMMITTEE UPDATE

The Chairman of the RWMA Education Committee, Mr. Tom Snow, Jr. has taken preliminary steps in developing a training program geared specifically for future candidates taking the CRWT fundamental exam.

AWS TECHNICAL COMMITTEES

J1 Committee. The AWS J1 Committee on Resistance Welding Equipment is chaired by David Beneteau from CenterLine (Windsor). As described in the last report, the AWS J1 Committee on Resistance Welding Equipment has a desire to prepare a series of Resistance Welding Fact Sheets to disseminate useful and practical information to users of the resistance welding process. At this time there is a four-page draft Grounding Reactor Fact Sheet based on information culled from RWMA Bulletin 16. Before a permission to prepare is solicited, it is desirable to have additional one to four page drafts to demonstrate the concept and its merits. If you have useful how-to manuals, forms, instructions, or technical summaries you would be willing to contribute, please send them to the J1 Committee Secretary, Efram Abrams.

The J1A Task Group members made an outstanding effort to thoroughly review the fourth working draft of the Resistance Welding Control Standard. Effort is continuing to resolve the ballot comments so the draft standard can continue to proceed through the publication process.

In response to a recent LinkedIn® discussion the J1 Committee, has begun preparation of a draft Roadmap for US Resistance Welding Electrode Standards. The intent is to provide an overview of the US standards such as RWMA Bulletin 16 - Section 8, Resistance Welding Equipment Standards – Electrodes, AWS D8.6, Specification for Automotive Resistance Spot Welding Electrodes, plus the applicable international standards. The objective is to establish a prioritized plan to address the market needs for electrode related standards and the interests of the participants. If you have an opinion you would like expressed in the first draft Roadmap, please share your interest with J1 Secretary Abrams. The draft and a solicitation for participation will be distributed to J1 and RWMA Committee members as soon as it is available.

J1 recently published the *Resistance Welding Pocket Handbook* (RWPH: 2011), available for purchase from the AWS publications website and catalog for \$20 list price or \$15 for members.

Individuals who are interested in participating in the development of resistance welding equipment standards can obtain additional information on the J1 Committee activities by contacting the J1 Committee Secretary, Efram Abrams by phone at 800-443-9353, ext. 307, or email eabrams@aws.org.

CCRW Subcommittee. CCRW Subcommittee Vice-chair Don Maatz met with the members of the Certification Exam Bank (CCEB) Subcommittee in Pittsburgh, PA as the Subject Expert on July- 26th, 2011, to assist the group with their review of the recently revised Certified Resistance Welding Technician (CRWT) exam questions which were prepared by CCRW subcommittee task- group members and volunteers.

Vice-chair Maatz was pleased to report that “the CCEB members were very impressed with the amount of work that the CRWT task-group had done in preparing the questions” and received many compliments on their behalf. Vice-chair Maatz also agreed to continue assisting the CCEB members with the preparation of CRWT exam questions until the minimum (100) number of questions have been approved for beta testing.

CCRW Subcommittee Chairman Greg Frederick delivered his report to the members of the Certification Committee on July 28th, 2011 in Pittsburgh, PA. Chair Frederick commended Vice-chair Maatz for his work with the CCEB subcommittee, and for the dedication and steadfast commitment of each and every member and volunteer on the CCRW subcommittee for their tireless efforts towards the continued progress of the new CRWT program.

The CCRW Subcommittee members look forward to attending their next meeting which is tentatively scheduled to take place during the winter 2012.

For more information concerning the AWS-CCRW subcommittee, please contact AWS-CCRW Secretary, Frank Lopez Del Rincon at: 1-800-443-9353 x 211), via e-mail flopez@aws.org

C1 Committee. The AWS C1 Committee on Resistance Welding recently welcomed Mike Cubert of Sciaky, Inc to the committee as a new voting member. The committee is currently putting the final touches on C1.1M/C1.1, *Recommended Practices on Resistance Welding* and is in the beginning stages of the next edition of AWS C1.4M/C1.4, *Specification for Resistance Welding of Carbon and Low-Alloy Steels*; and a new work item entitled *Designers Guide for Resistance Welding*, with the help of the RWMA Technical Committee. Nigel Scotchmer from Huys Industries chairs the committee.

The next meeting of the C1 Committee will take place on Thursday, November 17th from 9-11 a.m. at the FABTECH 2011 trade show in Chicago. If you are interested in participating on the Designers Guide for Resistance Welding document or if you would like more information on the C1 projects, please contact Efram Abrams, Secretary to C1, by email at eabrams@aws.org or by phone 800-443-9353 ext. 307.

REGIONAL RWMA MEETING

After a poll of the RWMA Members, it was determined the majority would like to see the Regional RWMA Meeting return to the yearly schedule of events, beginning in 2012. This meeting, besides a great opportunity for social networking, would also include a tour a facility that would be of interest to our attendees.

The RWMA Executive Committee has already begun researching locations. We will keep everyone apprised as more information unfolds.

RWMA MACHINE PLATES



RWMA members may purchase Machine Plates, displaying their association with RWMA. These plates measure 3 ¼" X 2". They are sold in sets of 25, at \$25.00 per set. To request an order form, contact Susan Hopkins at susan@aws.org, or call 800-443-3953, ext. 295. These are only available to RWMA members for their use on equipment they produce.

RWMA LOGO

As an RWMA member, we hope you are displaying the RWMA member logo on all your company's promotional material. To request a logo sheet, contact Susan Hopkins at susan@aws.org.

FROM THE FIELD



*Submitted by
Dean Mercer
Electrode Product Supervisor
CenterLine (Windsor) Limited*

We recently received a call from a customer indicating that his caps were "popping" off his adapters and that this was causing production downtime. Our investigation at his facility identified a number of issues ranging from wrong adapters, adapters with missing water tubes, adapters with water tubes that appeared too long and had been crushed over and blocking water flow and severely worn tapers. All of these conditions pointed to a lack of proper maintenance and attention to using proper components.

To ensure quality welding and minimal production interruptions it is extremely important that care be given to cleaning and inspecting cap and adapter tapers and water tube conditions during cap change activities. Also, careful attention must be given to replacing worn components with the proper electrode model.

Worn or damaged tapers will not allow caps to sit and seal properly onto matching adapters and will result in caps "popping" off during production. Improper or missing water tubes will compromise cooling and result in accelerating taper wear and overheating the electrodes to the point where they can no longer be used. To ensure accuracy and consistency, check your tapers with a certified taper gauge clean the taper with a cleaning pad and verify that water tubes are not damaged and are correctly sized. Doing these simple checks will ensure trouble free performance from your caps and adapters, extend their usable life, and enable you to create high quality welds.

RWMA Q&A COLUMN

Check out pages 16-17 of the September 2011 issue of the *AWS Welding Journal*. RWMA Technical Committee Chair Don Maatz, Weld Lab Manager of RoMan Manufacturing, authored the Resistance Welding Q&A column. This column appears every other month in the *Welding Journal*. If you would like to contribute your expertise to a future issue, please contact Susan Hopkins at susan@aws.org.

AWS ONLINE FORUMS

Did you know that AWS has online forums? These live, interactive forums on the AWS website at www.aws.org are your virtual sounding board to the wide world of welders and welding. They provide a fast and easy way to exchange ideas, post questions, share insights, as well as get tips and advice on everything welding.

There is no limit to what you can learn on the forums. Everything from inspection questions to new jobs, to advice on equipment and consumables, and local events, are posted. It is the one place where all welding professionals can get together for a chat or even a good laugh.

Don't miss out on the action. Join the forums at http://www.aws.org/cgi-bin/mwf/forum_show.pl.

RWMA ON FACEBOOK®



RWMA is on the popular, social networking site, Facebook®. On the site, RWMA has been established as a fanpage that visitors can join. Becoming a part of the networking site increases RWMA's visibility. Click [here](#) to become a fan of the page, but remember, you must first become a member of Facebook®.

Once you become a fan, we will keep you up-to-date on all the current happenings within the Committee. If you have any suggestions to make this page more useful, do not hesitate to contact Susan Hopkins, RWMA Manager at susan@aws.org.

RWMA ON LinkedIn

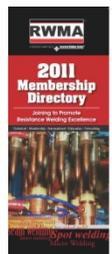
RWMA has become very active on LinkedIn. Come check us out. If you are not already a LinkedIn Member, you might want to sign up. You will be kept up to date on many of the RWMA happenings, as well as start a discussion. Click [here](#) to visit the RWMA LinkedIn page.



RWMA 2012 MEMBERSHIP DIRECTORY

January is just around the corner and the **2012 RWMA Membership Directory** will be available at all shows where AWS and RWMA participate, as well as a downloadable version available on the RWMA website.

Yes, you read correctly.... We're in the very first stage of updating the **RWMA Membership Directory** for 2012. E-mails have been sent to all of our members requesting any changes to their company's listing from the 2011 Directory. If you haven't already checked your company's information, please do so NOW and e-mail Susan Hopkins, RWMA Manager, at susan@aws.org. If there are no changes, please let her know that as well.



The 2012 Directory is going to have a different look. Since the RWMA Membership Directory is a very important tool to our members, we wanted to make sure that it has a modern appeal. You will be very pleased when you see the final product.

Once again, RWMA Members will be able to purchase advertising space in the Directory. Remember, this is a great networking tool, available to hand out to your customers.

WELDMEX RECAP

This year's Weldmex Show took place on May 11-13, 2011 in Monterrey, Mexico. It proved to be a great success with 22,000 net square feet sold for AWS Weldmex. The show saw 241 exhibitors including RWMA's very own members RoMan Manufacturers and Dengensha American Corporation and had over 7,000 visitors on its floor. Total attendance was 16% higher than last year's and total exhibitors jumped up 18% when compared to 2010.

Weldmex co-located with two other shows: Fabtech Mexico and Metalform. Our co-location had great outcomes and we look forward to continuing to work with our partners. Next year's Weldmex Show will take place on May 2-4, 2012 in Mexico City's Centro Banamex. Feel free to browse Weldmex's website and see videos of the show here: <http://www.awsweldmex.com/>.

RWMA AT FABTECH

RWMA is going to have a presence at the FABTECH Show, November 14 – 17, in Chicago, Illinois, at McCormick Place to promote RWMA and the resistance welding process. The Introduction to Resistance Welding DVD will be on a continual loop for attendees to view. A drawing will be held to win a copy of the *Resistance Welding Manual*.

RWMA members exhibiting at the FABTECH Show will be mailed an easel displaying their active membership and support in the RWMA and the industry. We recommend that this easel is placed in a prominent location within the RWMA member's booth.

Keep up with all the AWS events at FABTECH, including the RWMA Welding School, with the free mobile app installed on your smart phone. This AWS Fabtech app will feature maps, schedules, alerts, networking tools, and much more. Visit the Apple Store or Android Market on your mobile device search for "AWS Fabtech," click, and install now!

RWMA MISSION STATEMENT

The mission of the RWMA Committee of AWS is to advance resistance welding technology, broaden its use, and promote its economic benefits.

RWMA COMMITTEE DIRECTORS, REPRESENTATIVES AND CHAIRS

RWMA Executive Committee

RWMA Chair – Wade Burnette, NSRW, Inc.
RWMA 1st Vice Chair - Mark Gramelspacher, CMW Inc.
RWMA 2nd Vice Chair – Ed Langhenry, Jr. – Watteredge, Inc.
RWMA Immediate Past Chair - Roger Hirsch, Unitrol Electronics, Inc.

Machinery Division

Representative - Richard (Dick) Vreeland, Ewald Instruments
Alternate Representative - Edmundo Narvaez, Lors Machinery

Copper Products Division

Representative - Dan Wellman, Obara Corp., USA
Alternate Representative - Jeff Schemel, CMW Inc.

Components Division

Representative - Dan Uszynski, CenterLine (Windsor), Ltd.
Alternate Representative - Jean-Pierre Derdeyn, Techno-Control Cybernetic, Inc.

Education Committee

Chair - Tom Snow, T.J. Snow Company
Vice Chair - John Collins, Spotwelding Consultants, Inc.

Scholarship Subcommittee

RWMA Representative, Kurt Hofman, RoMan Manufacturing, Inc.

Welding School Subcommittee

Chair – Don Sorenson, ENTRON Controls, LLC
Vice Chair –

Executive Finance Committee

Chair – Ed Langhenry, Jr., Watteredge, Inc.

Marketing Committee

Chair - Danny Thomason, Dimplex Thermal Solutions
Vice Chair – Jeff Schemel, CMW Inc.

Web Site Subcommittee

Chair – Priyesh Dodhia, Tuffaloy Products, Inc..

Newsletter Subcommittee

Chair – Bill Brafford, Tuffaloy Products, Inc.

Membership Committee

Chair – Garret Herringdon, Southern Copper & Supply
Vice Chair – Mark Gramelspacher, CMW Inc.

Member Recruitment Subcommittee

Chair - Robert (Bob) Cupchak, NGK Metals

Strategic Planning Committee

Chair – Roger Hirsch, Unitrol Electronics, Inc.

Technical Committee

Chair – Don Maatz, RoMan Engineering Services, Inc.
Vice Chair – TBD

ANYTHING TO ADD?

If you have news for us, we'll be glad to print it. Send a copy of the information in electronic format to susan@aws.org, and we'll make sure it gets in the next issue.

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