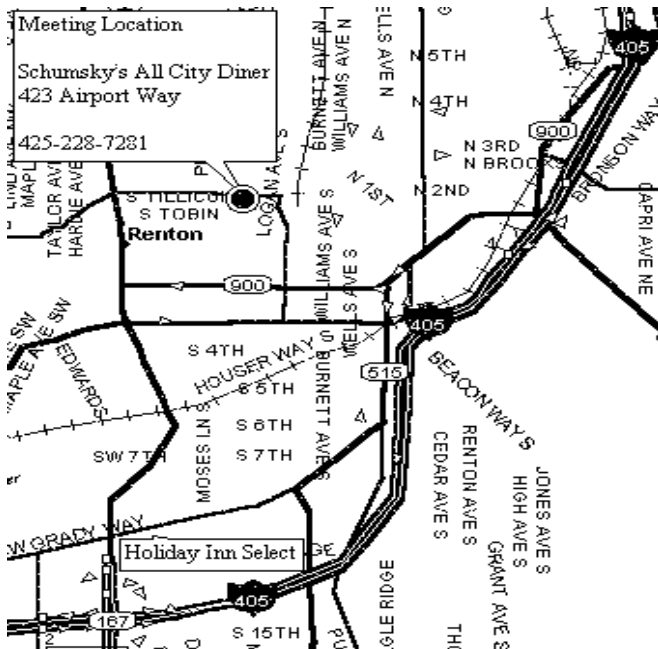




NOVEMBER MEETING



From I-405 south or north, exit at Rainier Ave., go north on Rainier Ave. to Airport Way and turn right. Go about 4 blocks, Diner is on the right.

TOPIC: "Transient Thermographic Techniques for NDI of Aerospace Composites"
SPEAKER: Mr. Rob McCullough of Quest Integrated
DATE: Thursday November 11, 2004
DINNER: **\$15.00** dinner is Beef, Salmon or Chicken
TIMES: SOCIAL 6:00-6:30 PM
DINNER 6:30-7:15 PM
PROGRAM 7:15-8:00 PM
LOCATION: Schumsky's All City Diner
423 Airport Way
Renton, WA
(425) 228-7281

Would you or someone you know like to be a guest speaker at a section meeting? Is there a topic you would like to hear about? If so contact [Dave Odegard](#)

Your advertisement could be in this newsletter. Contact [Dave Odegard](#) regarding rates.



Emery E. Roberts
Secretary, Pacific Northwest Section
1807 S 118th #202
Seattle, WA 98168

RETURN REQUESTED

Mailing label



Section Officers

For term June 1, 2004 to May 31, 2005

Chairperson

Dave Odegard
Cascade Technical Services
Work Number: 206-619-2848

Vice Chair

William Meade
The Boeing Company
Work Number: 206-655-0016

Secretary

Emery E. Roberts
Professional Service Industries, Inc.
Work Number 206-282-0666

Treasurer

Lynn Graham
Home Number:

Directors – Two Year

Dave Hall
L & W Research

Tom Davis
HD Labs

James Bittner
NDT Engineers

Directors – One Year

Bob Swisher
Caliber Inspection

Dale Morgan
Caliber Inspection

Mark Marlow
Caliber Inspection

Flynn Spears
ICSENDT

TJ Peraza
Cascadian Technologies

Past Chairman

Dave Hall
L & W Research

Awards Chairperson

Clive Graham
Western Pneumatic Tube

Education Chairperson

Jim Pellicer
The Boeing Company

Section Web Site

<http://www.asntpnws.org>

SECTION NEWS

Electronic Newsletter Distribution

We would like to stop sending you paper copies of the monthly newsletter. Please send email to secretary@asntpnws.org so you can be removed from the paper newsletter mailing list. Include the following information:

1. Name
2. The fact that you want to stop getting the paper copy
3. Email address to receive email copies only.

Most company email servers will not accept email unless it has a specific address such as you@server.com.

If your E-mail address has changed, please E-mail the changes to the Chapter's Sec. at secretary@asntpnws.org.

EMAIL UPDATE

The member database on the section web site is once again fully functional. Please update your email address at the [section web page](#) by choosing member data base and details, also update your [member profile at headquarters](#).

LEVEL III CERTIFICATES

Certificates are available at each meeting to document your meeting attendance for Level III renewal points. See an officer for details.

True stupid stories 02

Magic Johnson signed a deal with Starbucks to open new coffee shops in inner city neighborhoods. Just what the poor needed - a good \$3 cup of coffee

There is a blond on the plane

A blonde gets an opportunity to fly to a nearby country. She has never been on an airplane anywhere and was very excited and tense. As soon as she boarded the plane, a Boeing747, she started jumping in excitement, running over seat to seat and starts shouting, "BOEING! BOEING!! BOEING!!! BO....."

She sort of forgets where she is, even the pilot in the cock-pit hears the noise. Annoyed by the goings on, the Pilot comes out and shouts "Be silent!"

There was pin-drop silence everywhere and everybody is looking at the blonde and the angry Pilot. She stared at the pilot in silence for a moment, concentrated really hard, and all of a sudden started shouting, "OEING! OEING! OEING! OE...."

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CONFERENCES, 2004

- NOV 7-11 **Glass and Optical Materials Division Fall Meeting**, Cocoa Beach, Florida. Collocated with the 16th International Symposium on Nonoxide Glasses. Contact: the American Ceramic Society, PO Box 6136, Westerville, OH 43086-6136; (614) 890-4700; fax (614) 899-6109; mailto customersvc@acers.org;
- NOV 8-10 **ASTM Committee E28 on Mechanical Testing**, Omni Shoreham, Washington, DC. Contact: Dan Schultz, ASTM; (610) 832-9716; mailto dscultz@astm.org.
- NOV 8-11 **ASTM Committee E08 on Fatigue and Fracture**, Omni Shoreham, Washington, DC. Contact: Jeffrey Adkins, ASTM; (610) 832-9738; mailto jadkins@astm.org.
- NOV 14-19 ASME **International Mechanical Engineering Congress and R&D Expo**, Anaheim Hilton, Anaheim, California featuring a symposium for [Nondestructive Evaluation Techniques for Damage Characterization and Remaining Life Estimate](#) (choose Technical Program, Call for Papers, Non-destructive Evaluation)
- NOV 15-19 **ASNT Fall Conference and Quality Testing Show**, Riviera Hotel, Las Vegas, Nevada. Contact ASNT at kwise@asnt.org. See [Exhibitor Prospectus](#) and [Exhibitor Contract](#).
- NOV 30-DEC 2 **2004 ASIP Conference** Air Force Structural Integrity Program (ASIP) Conference, Peabody Memphis, Memphis TN. registration is online via the [ASIP website](#). (937)426-2808.
- DEC 9-11 **Robust Performance through NDE**, Pune, India <http://www.geocities.com/raobpc/Pune.html>

CONFERENCES, 2005

- FEB 14-16 **NDTMA Annual Conference**, GOLDEN NUGGET Las Vegas, NV.
- MAR 14-18 **14th Annual Research Symposium**, Hyatt Tamaya Resort, Albuquerque, New Mexico. Contact ASNT at kthomas@asnt.org.
- APR 5-7 **Aerospace Testing**, Hamburg, Germany
- MAY 17-20 **NDT Expo 2005**, Moscow, Russia
- JUN 1-4 **International Chemical and Petroleum Industry Inspection Technology (ICPIIT) IX Conference**, Hyatt Regency Houston Airport, Houston, Texas. Contact ASNT at kthomas@asnt.org.
- JUN 19-24 **The Third US-Japan Symposium on Advancing Applications and Capabilities in NDE** Maui, Hawaii. <http://www.irrsp.net/events/conferences/jsndi05/abstracts.pdf>
- JUL 31-AUG 5 **QNDE 2005** Bowdoin College, Brunswick, Maine, <http://www.cnde.iastate.edu/qnde/2005%20Information/Conference2005.html>
- OCT 17-21 **ASNT Fall Conference and Quality Testing Show 2005**, Hyatt Regency & Columbus Convention Center, Columbus, Ohio. Contact ASNT at kthomas@asnt.org.
- NOV 8,9,10 **Aerospace Testing Expo 2005 NORTH AMERICA**, Longbeach, CA <http://www.aerospacetesting-expo.com/northamerica/>



WEB LINKS

- AINDT (Australian).....<http://www.aindt.com.au/newsite/>
- British Institute of NDT.....www.bindt.org/
- Canadian Institute for NDE.....www.cinde.ca/
- German Society for Non-Destructive Testing (DGZfP) e.V.....<http://www.dgzfp.de/en/>
- ASNT Job Market.....<http://www.asnt.org/marketplace/jobs.htm>
- Center for Nondestructive Evaluation & Applied Technology at John Hopkins University.....<http://www.cnde.com/>
- Center for Nondestructive Evaluation at Iowa State University.....<http://www.cnde.iastate.edu/Default.htm>
- Japanese Society for Non-Destructive Inspection.....http://www.soc.nii.ac.jp/jsndi/english/homepage_Eng.html
- Inspection jobs.com.....<http://www.inspectionjobs.com/>
- NDT Mall.....<http://www.NDT-Mall.com/>
- NDT Resource Center.....<http://www.ndt-ed.org>
- NDTcentral.....<http://www.ndtcentral.com>
- New Zealand Non Destructive Testing Association (NDTA).....<http://www.winzurf.co.nz/ndta/index.htm>
- Nondestructive Testing Management Association (NDTMA).....<http://www.ndtma.org>
- Sonotech, Inc.....<http://www.sonotech-inc.com/>
- USDA Forest Service.....www.fs.fed.us/
- World Spec Group of Companies.....<http://www.worldspec.org/index.php?id=1>
- If you have a favorite site related to nondestructive testing please [submit it](#).



SECTION PHOTO COLLAGE

Anyone that has any old photos of past local ASNT people/functions or anything that may be interesting for a section photo collage, please contact [Lynn Graham](#). She would like to put together something nice for the section and is asking for your help in doing so. Thanks very much. Lynn can be reached at (253) 813-1811.

NEWSLETTERS

We are looking for past newsletter/meeting notices for any year for inclusion on the web site. Of particular interest are those edited by Mr. Harold Pinsch. If the section can borrow them for scanning purposes please contact a board member.

PRESIDENT'S POINTS

The President's Award Program is based on point values assigned to various management or operation categories. The categories and point values are established by the SOC Awards Division and are reflective of section activities which are considered important to the section and appropriate to the goals of our Society. These categories are appropriate to all sizes of sections and, of course, require considerable involvement by your section leadership to complete. Many of the due dates are established by publication or regional/national level committee meeting dates. There is a maximum of 12,500 points to be earned in this program. The program period is from July 1 to June 30. The accumulated point values for each section will be reported on a quarterly basis and on an annual basis by the Headquarters staff. The annual summary will be reported by achievement levels as follows:

Gold: 10,750 to 12,500 Points Silver: 8,500 to 10,749 Points Bronze: 6,250 to 8,499 Points

Copper: 4,000 to 6,249 Points No Award: 0 to 3,999 Points

Each section placing in the top four levels will receive a letter of recognition of its achievement level and a ribbon showing the year and achievement level for attachment to its banner. Point summaries will be provided to the section leadership, SOC Regional Directors and SOC Executive Committee on a quarterly basis. The October issue of *Materials Evaluation* will publish the annual achievement levels of all sections for the previous year.

NEWSLETTER ADDRESS LABEL

The first line of the address label contains the member number followed by the expiration date of membership for that number.

ASNT Section News is Available Online!

Stay up-to-date with your section and see what other sections are doing. Visit www.asnt.org on the first of each month for the latest section news from around the world. Section News is available now. Visit <http://www.asnt.org/localsections/sectionnews/sectionnews.htm>

ASNT E-mail

ASNT uses E-mail to inform you about the events, publications, certification and occurrences within the Society and the nondestructive testing industry. To remove your email address from future ASNT emails, please call 800-222-2768 or email mrapp@asnt.org and put unsubscribe in the subject line. You may also contact ASNT at 1711 Arlingate Lane, P.O. Box 28518, Columbus, Ohio 43228.

Section Chat Room

An enhanced chat room is available to all members on the section home page. Currently available public rooms are Main (for general discussion), Board of Directors and Officers. Any group with a Pacific Northwest member may use the chat rooms. Email webmaster@asntpnws.org and a room can be set up for your group and if you want it private leave the names of participants and a password of 8 characters for the group.

Comments from PNWS Chat 1 users:

emery > Any problems with this kind of forum?

clive > I think this is a great way to do it.

Bob > the chat room thing is a great idea...we probably need to have one person facilitate the topics

Bob > also need to tell everyone how easy it is

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SECTION WEB PAGES

ASNT Section

[Alaska Section](#)
[Central Florida Section](#)
[Central Savannah River Area Section](#)
[Charlotte, North Carolina Section](#)
[Chattanooga, Tennessee Section](#)
[Chicago, Illinois Section](#)
[Oklahoma Section](#)
[Colorado Section](#)
[Golden Gate Section](#)
[Hawaii Section](#)
[Houston, Texas Section](#)

ASNT Section

[Lewis & Clark Section](#)
[Metro New York - Northern New Jersey Section](#)
[Mowhawk-Hudson Section](#)
[New Orleans Section](#)
[North Atlantic Section](#)
[North Texas Section](#)
[Pacific Northwest Section](#)
[Pittsburgh, Pennsylvania Section](#)
[San Diego, California Section](#)
[South Texas Section](#)

MEETING DATES For 2004-2005

Below is a list of meeting dates, topics and speakers. Meeting date is the second Thursday of the month unless otherwise noted. In case of last minute changes be sure to check the section website at <http://www.asntpnws.org/>.

Future Meetings are on the second Thursday of each month unless noted otherwise.

Date	Topic, Speaker, Company
------	-------------------------

September 23, 2004	"Unusual Eddy Current Inspections" by Jim Pellicer of Boeing
October 14, 2004	Bond Testing in Aerospace Composites by Pat Spencer, Zetec, Issaquah
November 11, 2004	Transient Thermographic Technique for NDI of Aerospace Composites by Rob McCullough, Quest Integrated
Dec. 9, 2004	Christmas Party at Jillian's Billiard Parlor with Santa
January 13, 2005	"Magneto-Optic Imaging (MOI)", Current Update by Bill Shih, PRI Research and Development Corp.
February 10, 2005	Furnace Tube Inspection Methods by Phil Bondurant, Quest Integrated
March 10, 2005	NADCAP Audit Procedures and Findings, TBD
April 14, 2005	Cleaning Film by Dave Odegard of Cascadetekk, Nominations of Officers
May 12, 2005	Homeland Security, Dave Hall of L&W Research, Elections
June 9, 2005	Spring Social or Picnic
July 14, 2005	Annual ASNT-PNWS Golf Scramble Tournament
August 11, 2005	Board of Directors 2005-2006 planning meeting

MORE SECTION NEWS

The [section web site](#) contains two surveys and a member database. A [membership survey](#) is about general section operations and meeting dates. An [educational survey](#) asks for your input on which educational topics are best suited for our membership. Please take a few minutes to complete these surveys to provide input for the board. They do get looked at so your input is important in deciding which direction the section travels.

MEMBERSHIP DATABASE

Keep your information up to date in order to get the latest newsletter and other information. Located on the section web site <http://www.asntpnws.org/memberfi.html>.

MEMBERSHIP RENEWAL

For renewals within 6 months of expiration use the form at <http://www.asnt.org/membersonly/forms/individmrenew.ihtml>
If your membership expired more than 6 months ago, please use the form at <http://www.asnt.org/membership/forms/individualmema.ihtml>.

WELCOME NEW OR RENEWED MEMBERS

Mr. Michael Greenwood

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PAST EVENTS

Twenty-two members and one prospective member attended the Pacific Northwest section meeting on October 14th, 2004 meeting at Schumsky's All City Diner in Renton, WA. Nine of those attending were from Caliber Inspections. Mr. Dave Messner, NDI Principal for Customer Support at the Boeing Commercial Airplane Group of The Boeing Company, gave an enlightening presentation on "bond Testing of Advanced Composites". After his presentation he gave a brief demonstration and illustration of the pros and cons of various bond testing equipment. A social hour and dinner of sirloin steak or grilled salmon preceded his presentation. An honorarium of Starbucks coffee and drinking mug/thermos was presented to Dave by the section Secretary, Emery E. Roberts. Bob Swisher of Caliber Inspections won a drawing for a free dinner at the next meeting. The winner of last months drawing, Rick Riley, enjoyed a free meal at the October meeting. As a meeting incentive Caliber Inspection has generously offered to pay dinner costs for any of they're employees who attend a section meeting. All attendees signed the guest book for the year-end cash drawing. At this time GE Inspection Technologies is sponsoring the Christmas party, which will be December 9th at Jillian's Billiard Parlor on Lake Union in Seattle. The topic for the next section meeting is 'Transient Thermographic Techniques for NDI of Aerospace Composites' by Mr. Rob McCullough of Quest Integrated. The next meeting is scheduled for November 11, 2004 at Schumsky's All City Diner in Renton, WA which is the week preceding the ASNT Fall Conference in Las Vegas. Please check the section web site for the latest information.

FUTURE MEETINGS

The names of all attendees are gathered in the guest book for the year-end cash drawing. The 30 dollar door prize is being contributed to an accumulative pot that has the name of attendees at each meeting entered. So the more meetings you attend the better your chances are at winning the pot at the end of the year. ($\$30 \times 8 = \$240!$. If we have more than 8 meetings the pot grows that much more. Better odds than the lottery, which are 1 chance in 13,983,816 of winning!). Must be a local section member and present to win.

ANYONE INTERESTED IN ASSISTING A COMMITTEE, PLEASE CONTACT A BOARD MEMBER.

YEAR BOOK

Member names and addresses are a yearbook requirement. Unless the address of the member is specifically authorized for inclusion it will not be published. In preparation for the 2004-2005 section yearbook a request is being made for inclusion of your address in the yearbook. If you do not wish your address published, do nothing. If you do send a message authorizing your address publication to yearbook@asntpnws.org. If you are interested in serving on the yearbook committee please use the Member Survey form on the section web page at <http://www.asntpnws.org/> or contact any board member.

The 2003-2004 YEARBOOK is available on the section web site at <http://www.asntpnws.org/newsletters>

AWARDS

Jim Pellicer of The Boeing Company has been selected as ASNT Fellow, Class of 2004. He will receive his award at the Fall Conference in Las Vegas, Nov 15-19 2004.

L.A. Math test

City of Los Angeles - High School Math Proficiency Exam

Name: _____ Gang: _____

1. Duane has an AK47 with a 30 round clip. If he misses 6 out of 10 shots and shoots 13 times at each drive by shooting, how many drive by shootings can he attempt before he has to reload?
2. If Jose has two ounces of cocaine and he sells an 8 ball to Jackson for \$320 and 2 grams to Billy for \$85 per gram, what is the street value of the balance of the cocaine if he doesn't cut it?
3. Rufus is pimping for three girls. If the price is \$65 for each trick, how many tricks will each girl have to turn so Rufus can pay for his \$800 per day crack habit?
4. Jarome wants to cut his 1/2 pound of Heroin to make 20% more profit. How many ounces of cut will he need?