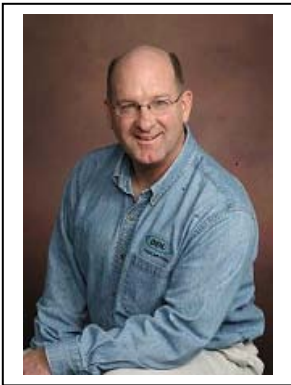




# COMMITTEE D10 ON PACKAGING NEWSLETTER SPRING 2011

## *A Message from the Officers of Committee D10 and the Staff of ASTM International*



Due to circumstances beyond our control, this edition will not contain a message from our Chairman, Pat Nolan. We know you were looking forward to reading Pat's words of wisdom.

However, never fear. We have it on good authority that Pat has promised to prepare a dynamic and forceful message for the Fall 2011 Newsletter. We also promise that Pat's message will be worth the wait.

On behalf of Pat, welcome to Anaheim. We hope you have a very productive and enjoyable meeting. And, don't forget to take a little time to have some fun and act a little goofy and dopey. After all, there's a Magic Kingdom filled with fantasy and pixie dust just a short walk away.

*See you in Anaheim!!*

## *News from the Staff Manager*



All members are encouraged to attend the "Closing" Main Committee Meeting on Tuesday afternoon.

**REMEMBER: A quorum is required if action must be taken on negative votes at the Closing Meeting.**

### **Remote Meeting Information – April 11-13, 2011**

ASTM Committee D10 on Packaging will be hosting meetings on Monday, April 11, Tuesday, April 12 and Wednesday, April 13 in Anaheim at the Marriott. In conjunction with the face to face meetings, Committee D10 will also be offering WebEx meetings (web-based conference call) for those that can't attend in person.

Pre-registration is required for the WebEx meetings and strongly encouraged for the face to face meeting. Agendas for the meetings should be available before the meeting. If you have not used WebEx before, you can confirm that your computer is capable by using this test site - <http://www.webex.com/lp/jointest>

To preserve the format integrity of the WebEx schedule, complete details, together with registration information, are available on pages 3-4 of this Newsletter.

### **Announcing New Tools: Create My Meeting Materials, My Custom Schedule, My Agendas**

ASTM International is pleased to announce a few new features for creating documents that assist with planning and attending the Committee meetings.

## My Meeting Materials

“Create My Meetings Materials” is located in the MyCommittees area under My Tools within the Meetings, Minutes & Agendas button. This new tool will significantly reduce the time it takes to save all of the typical files you need for your meeting. After clicking “Create My Meeting Materials” and following a few easy steps, this program will collect the files for the meetings you selected and save it in a zip file. After completing your request, a link to the zip file will be emailed to you in minutes. “My Meetings Materials” only includes documents posted on the website at the time the file is created. We recommend running this program a few days before the meeting to maximize the number of materials included in your zip file.

## My Schedule

“My Schedule” is accessible under MyCommittees area, My Tools within the Meetings, Minutes & Agendas button. This tool allows you to select the meetings from your committee schedule that you plan to attend and deselect those meetings that you will not attend. You are also able to select meetings from other committee's schedules and add your own custom meetings. Your custom schedule is built in an Excel file that allows for easy sorting.

## My Agenda

Subcommittee Chairs can use the My Agenda feature, located under the My Tools section of the My ASTM portion of the website. Under the heading Meetings, Minutes and Agendas, sub chairs have the ability to create an agenda for the upcoming meeting. An agenda enables the subcommittee members to attend the meeting prepared to make decisions on specific actions. In addition, an agenda creates a specific interest in attending the meeting.

## Reminder about ASTM Collaboration Area

ASTM added the feature to have an ASTM Collaboration Area based on Work Items for new standards or revisions. This feature launched about 18 months ago, but I thought it is worth highlighting again. This feature allows a task group through a work item to have a password protected web page with the ability to post documents for review and comment, post supporting documentation, and effectively communicate with your task group to prepare a draft standard for ballot. It is easy to set up and non-members can participate on the development of the new standard or on a revision to an existing standard.

## ASTM Training

### Virtual Classroom for Members

ASTM International is pleased to offer a series of free one hour online training workshops. There are several different training sessions offered to assist you as a member, including Balloting & Handling Negative Votes, Developing & Revising a Standard, Work Item Collaboration Area Training, ASTM Online Training, New Member Orientation as well as several others.

For more details on an upcoming session and to register, please click on this link:

[http://www.astm.org/MEMBER\\_TRAINING/](http://www.astm.org/MEMBER_TRAINING/)

### Virtual Officers' Training Workshop – September 26-29, 2011

ASTM will be offering the Officers' Training Workshop this September. The Workshop will take place at ASTM Headquarters in West Conshohocken, PA and is free for interested participants. Registration and information on individual sessions will be available this spring.

## Future D10 Meeting Schedule

### 2011

Dates: Monday, April 11 - Wednesday April 13 2011  
Location: Marriott Anaheim; Anaheim, CA US

Dates: Monday October 31 - Wednesday November 2 2011  
Location: Tampa Marriott Waterside; Tampa, FL US

### 2012

Dates: Monday, April 16 - Wednesday April 18 2012  
Location: Sheraton Phoenix Downtown Hotel; Phoenix, AZ US

Dates: Monday, October 22- Wednesday, October 24, 2012  
Location: Hyatt Regency Atlanta, GA US

If you have any questions or comments about ASTM International or the website, please let me know.

*Kevin Shanahan*

Staff Manager  
D10 Staff Manager  
610.832.9737  
[kshanaha@astm.org](mailto:kshanaha@astm.org)

## Remote Meeting Information – April 11-13, 2011

If you are unable to attend the April Committee D10 meeting in person, you will still be able to participate via WebEx (web-based conference call).

Pre-registration is required for the WebEx meetings; details are listed below for each meeting room per day on the schedule. Agendas for the meetings should be available before the meeting.

If you have not used WebEx before, you can confirm that your computer is capable by using this test site - <http://www.webex.com/lp/jointest>

### Monday April 11 Meeting Room A (all meeting times are Pacific Daylight Time (PDT)):

|  |                     |
|--|---------------------|
| D10.90 Executive Subcommittee            | 8:00 AM - 9:30 AM   |
| D10.21 Task Group (TG) on Standard D4169 | 10:00 AM - 12:00 PM |
| D10.21 TG on Standard D4919              | 1:00 PM - 5:00 PM   |

Use the link below to register for these meetings and note the start times:

<https://astm.webex.com/astm/k2/j.php?ED=150227382&UID=1147378777&RT=MiM3&FM=1>

Dial number (866) 699-3239 and enter access code 793 435 139 # or have WebEx call you back.

### Monday, April 11 Meeting Room B (all meeting times are PDT):

|  |                    |
|--|--------------------|
| D10.10 TG on Standard D3951            | 9:30 AM - 11:00 AM |
| D10.21 TG on Standard D4169 Schedule H | 1:00 PM - 2:00 PM  |
| D10.11 TG on Standard D5445            | 2:00 PM - 3:00 PM  |
| D10.27 Paper and Paperboard Products   | 3:00 PM - 5:00 PM  |

Use the link below to register for these meetings and note the start times:

<https://astm.webex.com/astm/k2/j.php?ED=150238747&UID=1147407562&RT=MiM3&FM=1>

Dial number (866) 699-3239 and enter access code 794 576 992# or have WebEx call you back.

### Monday, April 11 Meeting Room C (all meeting times are PDT):

|                                   |                   |
|-----------------------------------|-------------------|
| D10.19 Sustainability & Recycling | 2:00 PM - 4:00 PM |
|-----------------------------------|-------------------|

Use the link below to register for this meeting and note the start time:

<https://astm.webex.com/astm/k2/j.php?ED=150238862&UID=1147408232&RT=MiM3&FM=1>

Dial number (866) 699-3239 and enter access code 794 641 006 # or have WebEx call you back.

### Monday, April 11 Meeting Room D (all meeting times are PDT):

|                             |                   |
|-----------------------------|-------------------|
| D10.25 TG on Standard D3950 | 2:00 PM - 5:00 PM |
|-----------------------------|-------------------|

Use the link below to register for this meeting and note the start time:

<https://astm.webex.com/astm/k2/j.php?ED=150239232&UID=1147408597&RT=MiM3&FM=1>

Dial number (866) 699-3239 and enter access code 799 620 005 # or have WebEx call you back.

**Tuesday, April 12 Meeting Room A (all meeting times are PDT):**

|   |                       |
|---|-----------------------|
| D10.96 Administrative Subcommittee to US TAG on TC122/SC3                                   | 8:00 AM - 8:30 AM     |
| D10 Division I Subcommittee Meetings<br>(including D10.11, D10.13, D10.17)                  | 8:30 AM - 9:30 AM     |
| D10 Division II Subcommittee Meetings<br>(including D10.12, D10.21, D10.22, D10.23, D10.27) | 9:45 AM - 11:00 AM    |
| D10 Main Committee  | 11:00 AM - 12:00 NOON |
| D10.94 Task Group Meeting on DAC-DOD Packaging Program                                      | 1:30 PM - 2:30 PM     |

Use the link below to register for these meetings and note the start times

<https://astm.webex.com/astm/k2/j.php?ED=150239442&UID=1147409222&RT=MiM3&FM=1>

Dial number (866) 699-3239 and enter access code 795 158 984 # or have WebEx call you back.

**Tuesday, April 12 Meeting Room B (all meeting times are PDT):**

|   |                     |
|---|---------------------|
| D10.25 Palletizing and Unitizing of Loads | 10:00 AM - 12:00 PM |
|---|---------------------|

Use the link below to register for this meeting and note the start time:

<https://astm.webex.com/astm/k2/j.php?ED=150239682&UID=1147409857&RT=MiM3&FM=1>

Dial number (866) 699-3239 and enter access code 793 384 066 # or have WebEx call you back

**Wednesday, April 13 Meeting Room A (all meeting times are PDT):**

|                                   |                  |
|-----------------------------------|------------------|
| D10.94 Government Liaison Meeting | 8:00 AM 10:00 AM |
|-----------------------------------|------------------|

Use the link below to register for this meeting and note the start time:

<https://astm.webex.com/astm/k2/j.php?ED=150239902&UID=1147410032&RT=MiM3&FM=1>

Dial number (866) 699-3239 and enter access code 792 984 516 # or have WebEx call you back.

***REMINDER!!!***

*If you are going to attend any meetings via WebEx, you **MUST** pre-register using the appropriate link.*

## *D10 Packaging Workshop*

On Tuesday, October 12, 2010, Committee D10 hosted a Workshop on Packaging in San Antonio. The Workshop consisted of eight presentations on a variety of topics, including package sustainability, child resistant packaging, military packaging and a few company- specific best practice examples.

There were over 50 attendees and the workshop generated some good discussion, questions and considerations for both the presenters and attendees. Presentations are available on the Committee D10 webpage. To access the presentations, please go to <http://myastm.astm.org> and login. This will give you access to your personalized 'My ASTM' page. Under Committee D10 select the link to "Committee Documents." Select the last link - "D10 Workshop on Packaging October 2010" to get access to each presentation.

### **Here is the list of the available presentations:**

Improving the Sustainability of Thermoformed Polyolefin Food Packaging through UPES Interpolymer Modification—Eric Vignola, Business Development Scientist, Nova Chemicals

Abbott Sustainability—Vance Lambert, Abbott Laboratories

The Journey Towards Packaging Sustainability Standards—Mary K. Peck, Packaging Specialist, ECBC Packaging Team

Boeing Packaging Best Practices—Steve Pallardy, Shipping Operations/PHS&T Engineering, Boeing

Child Resistant Packaging Protocol Testing—Lori Dixon, Principal, Great Lakes Marketing

Configuration Control of Packaging Technical Data—Randy Weber, U.S. Army

Importance of ASTM Specifications in Military Packaging—Mary K. Peck, Packaging Specialist, ECBC Packaging Team

Update on ISO TC122/SC 4 Packaging and Environment—Marilyn Baker/Pat Nolan

The presentations will be a good refresher for those who were in attendance, as well good information for those who were unable to participate in the workshop.

Thanks to Marilyn Baker for her efforts in putting together a very successful and informative workshop



## *D 4169 – Performance Testing of Shipping Containers and Systems*

Al McKinlay made good use of the miserable weather we all experienced this past winter. The results of Al's efforts are included in this Newsletter for your reading pleasure. As he tells it, "with all the snow and cold this winter, he stayed inside and worked on some ancient history".

We all are impacted by ASTM D 4169 Standard Practice for Performance Testing of Shipping Containers and Systems. Did you know that the very first edition of this Practice was published in 1982? You didn't? Well, thanks to Al, now we all will know the timeline from the development of the first edition through many revisions to the edition we use today. Thank you, Al, for putting this history together and for sharing it with the Committee D10 membership.

## **D4169 - History of Development, Publication & Revisions 1973 to 2009**

|   |  |
|---|--|
| 1973  | Work began on development of a procedure for performance testing of shipping containers  |
| 1981  | 7 <sup>th</sup> draft of proposed standard practice was approved by Committee D10, designated D4169  |
| 1982  | First edition of D4169 published   |
| 1984  | Added D4003 as alternate test method in Element H Rail Switching   |
| 1986  | Replaced D685 with D4332 for Para. 6 Conditioning, added Element I, Climate, Atmospheric Conditioning, referencing D4332   |
| 1988-92<br>(several major revisions,<br>no copy available except<br>1992) | Added DC15, 16 & 17 for import/export; added military package testing and DC-18; added Element J Environmental Hazard; revised Element D Vehicle Stacking; revised Elements E & G on vibration to add D4728 random vibration   |
| 1994 (no copy<br>available) & 1996  | Added test criteria for Element A on second series of drops; added D5277 and D5487 impact test options for Elements A and H  |
| 1998  | Changed nomenclature from Elements to Schedules (A thru H); Revised listing of Schedules, combining all Handling into Schedule A, moving Element G to Sched. E, Element E to Sched. D, Element H to Sched. G, Element J to Sched. H; added Air Random Vibration PSDs to Sched. D & E; added example test plans in Appendix |
| 1999  | Minor revisions  |
| 2001  | Minor revisions  |
| 2004  | Added Schedule I Low Pressure (High Altitude) Hazard; added example of using DC2 to Appendix.  |
| 2005  | Minor revisions  |
| 2008  | Small package express shipments removed from DC3 since D7386 had been approved; all military-only test requirements moved from main body of standard to new A1 Annex; Schedule H water spray temperatures significantly increased  |
| 2009  | Revised definition of package bottom for drop tests in Schedule A; changed weight break-point between DC12 and DC13 from 100 to 150 pounds; changed dimensional requirements for packages in 10.2.4 Bridge Impact Test.  |

## Publicity Corner

You may have noticed that this Newsletter is much smaller than previous editions. There is a reason. In spite of the fact that we sent out a request for input, as we always do, the response this time was much lighter than it has ever been before.

REMEMBER - This is the Committee D10 Newsletter, and our goal is to insure that it includes articles from all Divisions/ Subcommittees. We can't publish an all-inclusive Newsletter without input from everyone. If you've read past editions of the Newsletter and thought "*We have some important information to share with our colleagues. How do we get it published?*" or "*Why isn't my Division/Subcommittee/Task Group information being published?*", we have the answers.

If you receive an email requesting your input for the Newsletter, or requesting suggestions/ideas to improve Committee D10, please respond. And, please, don't delete the email without reading it. If you don't receive a request, don't let that stop you from contributing. ALL members are encouraged to submit articles at any time during the year. The only requirement - articles must be related to Packaging, and the activities of Committee D10 on Packaging and ASTM International.

Help us keep our Members informed. You don't have to wait for an invitation. Your input is always welcome. Send your articles, ideas, comments, questions, etc., to [Loretta.Connors@dla.mil](mailto:Loretta.Connors@dla.mil).

A SPECIAL THANKS TO OUR REGULAR CONTRIBUTORS FOR THEIR SUBMISSIONS!!!

*Loretta F. Connors*

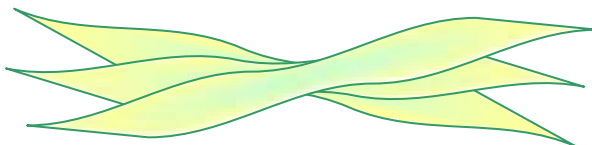
Publicity Chairman  
Committee D10 on Packaging

## News from the Divisions

Detailed minutes of San Antonio meetings are available on the Committee D10 webpage. Check the Anaheim meeting schedule for times and locations of all upcoming task group/subcommittee meetings.

Don't forget to check the message board for any last-minute time changes, cancellations and/or additions to the schedule.

And, remember, if you want to read all about current/future activities by a particular Subcommittee or Task Group, send us your input for the next Newsletter.



## D10 Happenings

Submissions regarding "free time" activities at the last meeting were very light.

Although the number of spouses in attendance was small, they had a great time. The D10 group consisted of Bev Lockhart, Wilda Lund and Ann McKinlay. They enjoyed having breakfast together each morning. Bev and Ann also did a lot of walking along the Riverwalk.

A funny thing happened though. They didn't plan on walking so far, but they got turned around and were forced to walk a lot farther than they originally planned. (*I know what they mean - the same thing happened to me a few years ago.*) We understand they also visited nearby tourist attractions, including the Alamo.

All-in-all, they had a great time and were happy to see each other again.



Left to Right - Bev Lockhart, Wilma Lund, Ann McKinlay



Left to Right - Jim Thomas, Al McKinlay

Al McKinlay celebrated a milestone at the President's Reception on Tuesday evening. It was the 35<sup>th</sup> anniversary of the first time the current ASTM International President, Jim Thomas, and Al met. They met at the Spring meeting, which was being held in Boston, and Jim was just beginning his D10 staff assignment.

Boston was really rocking, because the World Series between the Red Sox and the Cincinnati Reds was underway.

Thank you, Ann and Al McKinlay, for sharing some of your experiences in San Antonio. And, as always, thanks for the photographs.

Unfortunately, we have not received any additional reports from other members regarding their free time in San Antonio.

## *D10 in Anaheim – April 2011*

In April 2010, we'll return to Anaheim. As the home of the original Magic Kingdom, Anaheim is a great place for the kid in all of us to shine. For those of us who never really grew up, well, do we need to say anything more?

For those times when we want to be adults, there are some great restaurants within walking distance of the Anaheim Marriott. Downtown Disney is practically across the street; in addition to shopping with a Disney touch, restaurants include the House of Blues and the Rainforest Cafe. So, if you're not planning to visit the Magic Kingdom or California Adventure while you're in Anaheim, check out Downtown Disney for a little taste of Pixie Dust.

Harbor Boulevard is a short walk away; Harbor Boulevard is a main street in Anaheim, and the location of many restaurants, fast food locations, convenience stores, etc.

Anaheim Garden Walk is located several blocks away on Katella Avenue. In addition to shops, there are some popular restaurant chains, including Bubba Gump's Shrimp Company, P. F. Chang's China Bistro, The Cheesecake Factory, and McCormick & Schmick's Grille.

Other nearby sites of interest include the Crystal Cathedral in Garden Grove, Knott's Berry Farm in Buena Park (THE place for Boysenberry Preserves), Universal Studios Hollywood, downtown Los Angeles and the Farmer's Market, Hollywood, Beverly Hills, etc., etc., etc. There are also some great shopping malls in Orange County, such as South Coast Plaza in Costa Mesa and Westfield Mainplace in Santa Ana. If you really want to splurge, and do a little people-watching at the same time, head to Rodeo Drive.

If you prefer not to walk or drive, the Anaheim Resort Transit system (ART) is a quick, easy, inexpensive way to get around Anaheim. If you want to venture beyond Anaheim without a car, there are sightseeing tours and shuttles to many attractions and shopping malls. Check with the Marriott's Concierge for more details. If you have a car, the Concierge will be glad to provide driving directions. You can also find detailed information regarding Anaheim and Southern California (or as the locals say "SoCal") at <http://www.anaheimoc.org/>

This is just a little taste of what awaits you in your free time. Enjoy!!! AND, don't forget to submit a report of your free time adventures, complete with photos (include captions, please), for the next edition of the Newsletter.



**REMEMBER**

**FOR A NEWSLETTER THAT PROVIDES INFORMATION OF INTEREST TO ALL D10 MEMBERS, WE NEED INPUT FROM ALL DIVISIONS, SUBCOMMITTEES, ETC.**

**THIS IS YOUR FORUM. PLEASE TAKE ADVANTAGE OF IT.**

**SEE PAGE 7 OF THIS NEWSLETTER FOR DETAILED INFORMATION.**