

Announcing the 12th MMPDS Coordination Meeting



The 12th MMPDS Coordination Meeting, including the member only ISG and GSG meetings, will be held October 29 through November 1, 2007 at the Embassy Suites Lake Buena Vista Resort, Orlando, FL. Your attendance and active participation in the upcoming meeting is encouraged!

THE LOCATION

The 12th MMPDS Coordination meeting will be held at the Embassy Suites, 8100 Lake Avenue, Orlando, FL 32836. Our MMPDS group sleeping room rate is \$89 for all attendees, while rooms last, prior to September 28, 2007. The hotel is located 17 miles from Orlando International Airport, and 1 mile from the Disneyworld resort.

HOTEL RESERVATIONS

Hotel reservations for the 12th MMPDS meeting can be made via a special website setup for meeting arrangements, or via phone, as indicated below. **Note: the discount rate cannot be obtained through third parties (i.e., travel agents) as this is a special rate.** A block of rooms has been reserved at the meeting rates, **but may sell out quickly.** Reservations can be cancelled up to 72 hours before check-in date without penalty. Cancellations made less than 72 hours before check-in date will be charged a fee.

Sleeping room reservation site:

http://embassysuites.hilton.com/en/es/groups/personalized/mcowdes_mmp/index.jhtml

Or phone:

(407) 597-2465 Monday - Friday from 8:30 AM - 4:00 PM Eastern Time. The code is MMPDS.

NOTE: MAKE YOUR RESERVATIONS EARLY. Our group's cut-off date/reservation deadline is September 28, 2007 assuming rooms are not sold out before that date. Hotel reservation requests received after 5:00 pm Eastern time on that date will be accepted on a space availability basis at the going rate. If you have a problem when making your reservations within the designated timeframe, please contact Anne Mundy at 614-424-6496.

MEETING REGISTRATION

A single form covering both Meeting Registration, as well as method of payment, has been enclosed with this mailing. Completed registration forms received by Anne Mundy at Battelle before September 15, 2007 will receive a Discounted Registration Rate of \$180 USD/entire meeting, \$100 USD/single date*. Rates go up to \$200/entire meeting and \$120/for a single date* for registrations received after September 15th. Please fill out the pertinent information and fax (614-458-6496) or email (mundya@battelle.org) to Anne Mundy at Battelle. Your credit card will NOT be charged until after the meeting.

Those planning to attend only **one particular day of the week will be charged a registration fee of \$120 USD. If you attend 2 days (full or partial) you will be charged the full registration fee. If you register **PRIOR** to September 15, 2007, you will pay a **discounted** registration fee of \$100 USD for a single day.*

Registration fees cover meeting facilities, continental breakfasts, mid-morning snacks, coffee breaks, and afternoon snacks. Lunches are on your own. Agenda books, handouts, and the complete meeting minutes book are also included with registration.

MEETING SCHEDULE

The planned schedule of meetings is shown in the enclosed table. (As with the last meeting, the Materials Task Group (MTG) meeting will start on Tuesday to allow the fastener attendees to attend part of the meeting). Currently planned agenda items have also been enclosed along with applicable submission deadlines and contact information. The final schedule of meetings will be mailed with the full agenda package, which will be distributed late September. The General Coordination Committee (GCC) meeting will take place on November 1, 2007 at 8:00 a.m. Other steering group, task group, and working group meetings will be held earlier in the week.

As noted on the schedule, most task group and working group meetings are open to all attendees. However, as usual, the Fastener Task Group breakout session on Wednesday may be limited to members only in the afternoon. The steering group meetings (ISG/GSG) on Monday will also be limited to members and invited guests only.

Two new groups have been added to the schedule – the Material & Fastener Suppliers Steering Group (MaFS) on Tuesday, and the Stress Corrosion Cracking Working Group (SCC) on Wednesday. Please see the Draft Agenda Item List included with this mailing for further information.

HOTEL AMENITIES

There are several hotel amenities worth noting:

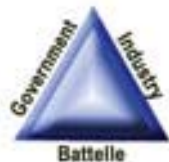
- All rooms are suites.
- Complimentary cooked-to-order breakfast, served daily. (*Note: there will still be a continental breakfast in the meeting room.*)
- Two-hour manager's reception, hosted each evening
- Free shuttle to all four Walt Disney World® Theme Parks
- Heated indoor/outdoor pool and fitness center
- Tennis, basketball, and sand volleyball courts
- On-site restaurants and dining, including Pizza Hut Express
- Several restaurants within 4 blocks (walking distance) of hotel.

We look forward to your attendance and active participation in these aircraft metallic materials handbook coordination meetings. If you have any questions, please do not hesitate to contact Anne Mundy, our meeting coordinator, at 614-424-6496 or mundya@battelle.org. We will see you in Orlando!

Sincerely,

John Bakuckas
FAA Co-Chairman
MMPDS Coordination Group

Steve Thompson
DOD Co-Chairman
MMPDS Coordination Group



MMPDS - Schedule of Meetings

12th Meeting - Lake Buena Vista (Orlando), FL

Time	Monday		Tuesday		Wednesday		Thursday
	Lg Room	Small Room	Lg Room	Small Room	Lg Room	Small Room	Lg Room
8:00	ISG <i>(ISG members only)</i>	GSG <i>(GSG members only)</i>	SWG GTG LAGWG		MTG	FTG	GCC
12:00	<i>Lunch on own</i>		<i>Lunch on own</i>		<i>Lunch on own</i>		
1:00	Joint ISG/GSG <i>(ISG/GSG members only)</i>		PIMWG	IHWG	MTG	FTG <i>(closed meeting)</i>	
3:15			MTG				
4:00	ISG Financial Review <i>(ISG members only)</i>						
4:30			MaFS <i>(closed meeting)</i>	ASG <i>(closed meeting)</i>	SCC		
5:00							

5:30 - 7:00 Impromptu gatherings at Hotel Manager's Reception every evening.

Short breaks are given at approximately 10 am and 3 pm each day.

NOTE*: The Joint ISG/GSG meeting beginning 1:00 Monday is for Members Only. A general overview of GSG/ISG activities will be given at the GCC Meeting on Thursday morning for non-members.

ASG – Airframer Steering Group
FTG – Fastener Task Group
GCC – General Coordination Committee
GTG – Guidelines Task Group
PIMWG – Process Intensive Materials Working Group
SWG – Statistics Working Group
MaFS - Material & Fastener Suppliers Working Group

LAGWG – Legacy Alloy Guidelines Working Group
MTG – Materials Task Group
GSG – Government Steering Group
ISG – Industrial Steering Group
IHWG – International Harmonization Working Group
SCC - Stress Corrosion Cracking Working Group

To Submit by Email you **MUST** have Adobe Reader or Professional, Version 7.0 or Higher!

Submit by Email

Print Form

Meeting Registration Form

12th MMPDS Coordination Meetings

Lake Buena Vista (Orlando), FL Oct 29 through Nov 1, 2007

IMPORTANT

You will NOT be able to "save" an electronic copy of this form after filling out. You must print out a copy if you need to save for your files.

Please complete and fax (confidential fax: 614-458-6496) or email (click above link) this Meeting Registration Form including your Method of Payment to Anne Mundy no later than **Sept 15, 2007**

Today's Date

Name

Company

Address

City

State, Zip, Country

Email

Phone

Preferred format for meeting documentation: Electronic (PDF)
 Hardcopy

REGISTRATION (Check One)

- General Attendance
 One Day Only (One date of meeting)

METHOD OF PAYMENT

(Check One)

Prior to Sept 15, 2007 (Discount)

- Credit Card - \$180_(gen) / \$100 (1day)

Type: _____

CC #: _____

Expiration: _____

- Check - \$180_(gen) / \$100 (1day)

After Sept 15, 2007 or At the Door

- Credit Card - \$200_(gen) / \$120 (1day)

Type: _____

CC #: _____

Expiration: _____

- Check - \$200_(gen) / \$120 (1day)

- Cash - \$200_(gen) / \$120 (1day)

Battelle is unable to process government travel cards.

Please Checkmark Planned Meeting Participation

Monday, 10/29 Steering Group Meetings

- 8am- Industry (ISG) (ISG members & invited guests only)
 8am- Government (GSG) (GSG members & invited guests only)
 1pm- Joint GSG/ISG (ISG/GSG members only)
 4pm- ISG Financial Review(ISG) (ISG members only)

Tuesday, 10/30

- 8am - Statistics Working Group (SWG)
 - Guidelines Task Group (GTG)
 - Legacy Alloy Guidelines Working Group
 1pm- International Harmonization Working Group (IHWG)
 1pm- Process Intensive Mtls Working Group (PIMWG)
 3pm- Materials Task Group - Part 1 (MTG)
 4:30pm- Airframer Steering Group (ASG)
 4:30pm- Material & Fastener Suppliers (MaFS)

Wednesday, 10/31

- 8am- Materials Task Group - Parts 2 & 3 (MTG)
 8am- Fastener Task Group (FTG) (members only pm)
 4:30pm - Stress Corrosion Cracking (SCC)

Thursday, 11/01

- 8am- General Coordination Meeting (GCC)
 half day meeting

Contact Anne Mundy if you need assistance: 614.424.6496.

12th MMPDS Coordination Meeting

Draft - Agenda

STEERING, WORKING, AND TASK GROUPS

- ASG** **Airframer Steering Group.** J.T. Amin, Lockheed, will lead discussions at the ASG meeting on Tuesday. Topics of discussion will include; GSG Item 07-24 Review of Elemental Property Sections and a test plan to determine derived properties for legacy alloy 2124-T851 aluminum alloy plate.
- FTG** **Fastener Task Group.** M. James, FAA, N. Ontko, AFRL, and M. Tefend, Battelle, will lead technical discussions at the Wednesday FTG meeting.
- GSG** **Government Steering Group.** J. Bakuckas, FAA, will lead discussion at the GSG members-only meeting on Monday.
- GTG** **Guidelines Task Group.** R. Rice will lead technical discussions at the GTG meeting on Tuesday.
- IHWG** **International Harmonization Working Group.** R. Rice will lead discussion at the IHWG meeting on Tuesday. M. Freisthler is the FAA replacement on the IHWG for R. Yarges, FAA, who has retired.
- ISG** **Industrial Steering Group.** Iulian Gheorghe, Alu Menziken, and R. Rice, Battelle, will lead discussion at the ISG members-only technical and financial meetings on Monday. B. Thomas, Bombardier, is the new ISG Vice Chair. ISG members will receive a separate ISG agenda.
- ISG/GSG** **Government Steering and Industrial Steering Group (ISG/GSG).** ISG and GSG members-only meeting. R. Rice, J. Bakuckas, and I. Gheorghe will lead discussions at the Monday afternoon meeting.
- LAGWG** **Legacy Alloy Guidelines Working Group.** J. Jackson will lead LAGWG discussions on Tuesday. A new topic of discussion will be the frequency at which mechanical property tables should be reviewed.
- MaFS** **Material and Fastener Suppliers Steering Group.** This is a new group that will consist of interested material and fastener producers. R. Rice will lead the meeting until the group has an opportunity to select its first Chairman. There are at least 2 topics for discussion at this initial meeting: GSG Item 07-25 Reconsideration of Applicable Thickness Ranges for SCC Data Tables, and GSG 07-08 Referencing of Obsolete Alloys Removed from MMPDS. Recommendations for other items to be added to the agenda for this new task group should be sent to A. Mundy, Battelle. This group will meet Tuesday afternoon.
- MTG** **Materials Task Group.** J. Jackson will lead technical discussions at the Tuesday afternoon and Wednesday MTG meetings.

12th MMPDS Coordination Meeting

Draft - Agenda Items

(Continued)

- PIMWG** **Process Intensive Materials Working Group.** R. Reinmuller, Lockheed, will lead technical discussions at the PIMWG meeting on Tuesday afternoon. Item 07-17 on Friction Stir Welding will continue to be the primary topic of discussion.
- SCC** **Stress Corrosion Cracking Working Group.** M.Tefend, Battelle, will lead technical discussions at the SCCWG meeting on Wednesday afternoon.
- SWG** **Statistics Working Group.** R. Rice will lead technical discussions at the SWG meeting on Tuesday.

CHAPTER 1. GENERAL

- GSG NIN** **AMS Coordination (MTG).** J. Jackson, Battelle, will report on related actions and items of interest from the Fall AMS meeting.
- GSG NIN** **Meetings of Potential Interest to MMPDS Coordination Members (GCC).** An updated list of upcoming technical meetings of potential interest to coordination group members will be included in the agenda.
- GSG NIN** **Definition of Acceptance Requirements for Material Specifications Other than AMS, ASTM, and MIL Specifications (IHWG).** R. Rice and M. Freisthler will lead discussion of this item.
- GSG NIN** **Review of Differences in Guidelines between MMPDS-02 and ESDU 932 (IHWG).** R. Rice will lead discussion of this item. A. Quilter, ESDU, hopes to attend the Fall 2007 meeting to promote an informed information exchange.
- GSG 03-14** **Review of Currency of Existing Database on Legacy Alloys (MTG).** J. Jackson will give a status report. Legacy alloy 7050-T7451 aluminum alloy plate has been analyzed and will be presented in Item 07-32. The next priority is 7075-T7351 aluminum alloy plate. Additional data has been requested for this alloy. The 3rd priority alloy is 2024-T351 aluminum alloy plate (bare). Data are on hand from Alcoa, Corus, Kaiser and Pechiney.
- GSG NIN** **Define Priority of Fracture Mechanics Data From TR-76-137 Report (MTG).** R. Rice will present this agenda item listing available alloys and types of data from this very large, old B-1 report. Almost all of these data are already included in the Air Force Damage Tolerant Design Handbook, but some interest has been expressed to incorporate some of this fracture mechanics data into MMPDS. This issue will be discussed in more detail and, assuming a decision is made to proceed, some priorities will be established as to which alloys and properties should be the primary initial focus.

12th MMPDS Coordination Meeting

Draft - Agenda Items

(Continued)

CHAPTER 2. STEEL ALLOYS

GSG NIN Wrought Steels S-Basis Summary (ASG/MTG). J. Jackson will give a status report on this agenda item, which is focused on identification of steel alloys whose design allowable properties can (and should) be upgraded from S-Basis to A- and B-Basis. (Subsequent data collection and analysis efforts to upgrade design allowables for specific steel alloys are being covered under separate item numbers.) The top priority alloys are; 9Ni-4Co-0.2C, 9Ni-4Co-0.3C, and Hy-Tuf Forging. Some data has been acquired for 9Ni-4Co-0.2C, however, it was determined that it was not sufficient for analysis. 9Ni-4Co-0.2C data have been requested from Northrop Grumman.

GSG NIN Effect of Grain Direction on Fatigue Properties of 300M Steel (MTG). R. Rice noted at the last meeting that fatigue properties currently presented in MMPDS, which are based on 40 year old data, do not show a clear difference in fatigue properties with grain direction. He asked if more recent data could be supplied that could be used to confirm or refute these conclusions. He will provide a status report on these 300M steel fatigue data collection efforts at the meeting.

CHAPTER 3. ALUMINUM ALLOYS

(In alloy order following general chapter items)

GSG NIN Wrought Aluminum Alloys with S-Basis Minimums (MTG). J. Jackson will present this agenda item, which is focused on identification of aluminum alloys whose design allowable properties can (and should) be upgraded from S-Basis to A- and B-Basis. (Subsequent data collection and analysis efforts to upgrade design allowables for specific aluminum alloys are being covered under separate item numbers.) Analysis of 7050-T74511 extrusions is top priority. Data has been requested from Alcoa and Universal Alloy.

GSG NIN Modulus of Elasticity vs Temperature of Aluminum Alloys (MTG) R. Rice will lead discussion of this item, which evolved from a presentation given by N. Elfer, Lockheed at the 10th MMPDS meeting. A decision still needs to be made as to whether any changes to the Handbook will be made based on his presentation. If so, the quantitative data required by the guidelines must be supplied, analyzed, and reviewed for approval under this agenda item before the changes are finalized.

GSG 06-42 Plane Stress Fracture Toughness of 2013-T6511 Extrusions (GTG/MTG). R. Rice and R. Reinmuller presented this agenda in the GTG. It was discussed there first because guidelines are not yet approved within MMPDS for analyzing and presenting plane stress fracture toughness data in accordance with current,

