

33rd MMPDS Coordination Meeting Preliminary Agenda

SORTED BY ITEM NUMBER

12/1/2018

Item No	Responsible Group		Chpt	Title	Type	33rd Meeting Description
	Final	Initial				
03-14	MTG		1	Review of Currency of Existing Database on Legacy Alloys	Status	J. Rubadue will give a status report.
04-21	FTG		8	Fastener Tables of Sunset Review Interest	On Hold	No effort on this item. This item requires resolution of Items 12-50, 12-105, and 17-28 thru 17-30
08-23	FTG		8	Sunset Review of Table 8.1.3.2.2(c), NAS1921C	On Hold	No effort on this item.
09-13	FTG		8	Sunset Review of Table 8.1.3.2.3(a), MS21140	On Hold	This item will remain on hold until more shear data are received for analysis
10-13	MTG	ASG	2	Wrought Steels S-Basis Summary	Status	J. Rubadue will give a status report.
10-14	MTG		3	Wrought Aluminum Alloys with S-Basis Minimums	Status	J. Rubadue will give a status report.
10-15	MTG		3	Mechanical Properties for Aluminum Alloy Forgings	Status	J. Rubadue will give a status report.
10-17	MTG		3	Re-evaluate Legacy Alloy Stress-Strain Curves in Chapter 3	On Hold	No effort on this item.
10-25	GTG-F	FTG	9	Fastener Installation Parameters for Joint Tension Allowables	Status	C. Shannon will present this item. Information from N. Anderson will be circulated for discussion.
11-05	MTG		1	AMS Coordination	Status	J. Rubadue will give a status report.
11-15	MTG		2	Division of Low Alloy Steel Table 2.3.1.0(g2)	Status	No effort is expected on this item.
11-38	FTG		8	Sunset Review of Flush Head, Mechanical Lock Spindle Blind Rivet Table 8.1.3.2.2(e) NAS 1921 M	On Hold	No effort on this item.
11-43	FTG		8	Supporting Data and Basis Identification for Table 8.1.2(b)	Status	No effort expected on this item. Additional data is needed for analysis.
12-105	GTG-F	FTG	9	Modification to the Sunset Criteria Procedures	On Hold	No effort on this item pending resolution of the Sunset Clause Revision, Item 19-03.
12-16	MTG	ASG/ MATSSG	2	Footnote for Steel When Test Specimen is Not From Full Thickness	Status	D. Hall will give a status on this item
12-17	MTG	MATSSG	6	Footnote for Non-Ferrous Alloys Test Specimen When Not From Full Thickness	On Hold	This item is on hold until Item 12-16 is done.
12-50	GTG-F	FTG	9	Evaluation of new Regression and Confidence Models for Lap Joint Tests	On Hold	No effort on this item. Waiting on Item 17-28.
12-52	GTG-F	FTG	9	Fastener Minimum t/D Requirements	Status	C. Shannon will present this item. The 31st meeting handout will be distributed. BMI is seeking permission to circulate the 1945 journal article.
12-89	GTG	PSG		Target Materials for Propulsion Applications	Status	D. Hall will give a status on this item

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13-34	MTG		5	Addition of AMS 4919 Ti-6-2-4-2 Plate Properties	Status	AFRL has one lot of material with fatigue, FCP, and tensile. Please let Battelle know if you have data to contribute.
13-50	GTG		9	ASTM Coordination	Status	D. Hall will present this status item
14-19	GTG		9	Inclusion of KIsi Fracture Toughness Data	Status	Should this be "On Hold" until the standard is completed?
14-24	MTG		4 thru 7	Identification of Stress-Strain Curves Which Have Been Evaluated for 2-Shape Factor for Chapters 4-7	Status	C. Shannon will present this item.
14-28	FTG		8	Sunset Review of Table 8.1.4.2(i), LGPL2SC-V Pin, 3SLC-C Collar in Clad 7075-T6	On Hold	No effort on this item.
14-61	GTG	PSG	9	Update Creep Guidelines	On Hold	This item will remain on hold. Created new Item 18-09 to review Chapter 1 creep section first. Feedback is requested.
14-62	GTG		9	Evaluate Inclusion of other Fracture Toughness Data (JIC, KJIC)	Agenda	If comments are received in time, D. Hall will present this agenda item.
14-66	MTG		2	Addition of 15-5PH Sheet S-Basis per AMS 5862 for H1025 Condition	Status	Data are requested
14-67	MTG		3	Addition of 3-6 Inch Range for 7075-T73X Bar and Rod per AMS 4124	Status	Data are requested
15-13	MTG		multi	Clarification of Shear Orientation for Legacy Alloys	Agenda	J. Rubadue will present this item.
15-19	GTG-F	FTG	9	Verification of Secondary Modulus Methods for Fasteners	Status	C.Shannon will give a status update on this item.
15-34	GTG		9	Stress-Strain Curve Extension	Agenda	C.Shannon will present this item.
15-36	GTG		9	Modification of Indirect Analysis Equation	Agenda	B. Krile will present status on this item.
15-38	GTG		9	Reevaluation of Degrees of Freedom Calculation for Regression with Effect of Temperature	Status	D. Hall will give a status on this item
15-40	GTG	ASG/MAT SSG	9	Guidelines for When Specimens Are Not From Full Thickness	Status	D. Hall will give a status on this item
15-42	MTG		3	Casting Allowables for 15-5PH and 17-4PH steel	Status	If additional data are received in time, D. Hall will present status on this one item
16-02	GTG		9	Updates to Strain Departure Methods for Stress-Strain Curve Analyses	Agenda	C. shannon will present this item.
16-12	FTG			Identifying Basis of Fastener Shear Strength on Remaining Tables	Status	C.Shannon will present this item.
16-13	FTG		8	Corrections to Table 8.1.3.2.2(c) NAS 1921C	On Hold	No effort on this item.
16-15	GTG	ETWG	9	Emerging Technology Working Group	Agenda	See the detailed agenda for the ETWG session

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16-20	GTG	ETWG	1	Equivalence Testing Assuming Change in Process (From Item 11-40)	Status	B. Krile will present status on this item.
16-23	GTG	PSG	6	Re-evaluate Guidelines for Effect of Temperature Curves	Status	D. Hall will give a status on this item
16-24	GTG		9	Guidelines for Modulus When Average Value is Insufficient	Agenda	The method proposed in this item will be applied to data in item 18-24.
16-29	GTG	ASG	1	Review of Section 1.4.7 Bearing Properties	Status	D. Hall will give a status on this item
16-30	MTG		2	AM-355 Stainless Steel in SCT850 Condition	Agenda	J. Rubadue will present this item.
16-36	GTG-F	FTG	9	Use of T99 as A-Basis When Higher than Specification for Fastener Shear and Tension	Status	C.Shannon will present this item.
16-37	GTG-F	FTG	1	Chapter 1 Guidelines on Fastener Design Allowable Usage	Status	C.Shannon will present this item.
16-40	MTG		7	Estimated Values in Table 7.3.2.0(c) Copper Beryllium Strip	Status	No effort is expected on this item.
16-41	GTG		9	Update Static Property Examples in Section 9.8.1	Agenda	J. Rubadue will present this item.
17-09	MTG		3	Fatigue Curves for 2099-T83 Extrusion	Agenda	D. Hall will present this agenda item
17-10	MTG		4	Fatigue Curve for 2099-T81 Extrusion	Agenda	D. Hall will present this agenda item
17-19	MTG		2	Addition of Transverse Bearing Strength Properties for Custom 465 Bar	Status	Data are requested
17-23	GTG		9	Legacy Alloy Review Strategy – Near Term	On Hold	No effort on this item.
17-25	GTG		9	Re-evaluation of Reduced Ratio Sample Size Determination	Status	This item is on hold pending resolution of Item 15-36.
17-26	GTG	/MATSSG/	9	Guidelines for Generation and Use of A/B Allowables for Castings	Status	D. Hall will give a status on this item
17-28	GTG-F	FTG	9	Consideration of Origin in Multiple Regression Analysis for Joint Allowables	On Hold	No effort on this item. This item is on hold pending receipt of data to test this new method.
17-29	GTG-F	FTG	9	Replacement of T90 Yield Curve with a Multiple-Regression Typical Yield Curve for Joint Allowables	On Hold	No effort on this item.
17-30	GTG-F	FTG	9	Revision of Table Format for Joint Allowables	On Hold	No effort on this item pending resolution of 17-29.
17-31	FTG		9	Sunset Shear Strength Rule Criteria Addition	On Hold	No effort on this item.
17-32	GTG-F	FTG	8	Edit Table 8.1.5.1	Agenda	C.Shannon will present this item.
17-33	GTG	PSG	9	Alternative Fitting Function for Effect of Temperature Data	On Hold	

33rd MMPDS Coordination Meeting Preliminary Agenda

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12/1/2018

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17-34	GTG	SSWG	9	Guidelines for Rejection of Stress-Strain Curves from Parametric Analysis	Agenda	C. shannon will present this item.
17-41	MTG		3	R-Curve for Alclad 2029-T8 Aluminum Alloy Sheet	Agenda	D. Hall will present this agenda item
17-44	GTG		9	Clarification of Ten-Lot Minimum Requirement for Derived Properties	Status	This will be discussed in MATSSG. It was suggested that the sentence in section 9.5, paragraph on page 9-32 "For a single lot of material, only one heat treat lot may be used to meet the 10-lot requirement", may be appropriate as the footnote for Table 9.2.4.1.
17-45	MTG		3	Effect of Temperature Curves for 2395-T84 Extrusion	Status	D. Hall will give a status on this item
17-47	GTG-F	FTG	9	Clarification of Guidance for Normal/Censored Normal Analysis	Status	C.Shannon will present this item.
17-52	GTG	FatWG		Review Section 9.6.1 - Load and Strain Control Fatigue	Status	D. Hall will give a status on this item
17-54	MTG		3	Inclusion of Properties for AMS 4221, 2124-T8151 Plate	Status	Data are requested. On hand data is for T851, not T8151 per AMS4221.
17-55	MTG	PSG		Supplemental Data for Ti-6-2-4-2 Forging	Status	D. Hall will give a status on this item
17-56	MTG			FCG Analysis for 2397-T87 Plate	Status	D. Hall will give a status on this item
17-58	MTG			How Casting Specification Work	On Hold	
17-61	GTG		9	Revising R-curve Requirement in Table 9.2.4	Status	D. Hall will give a status on this item
17-62	GTG	FatWG	9	Revising Fatigue Requirement in Table 9.2.4	Status	D. Hall will give a status on this item
17-63	GTG	FatWG	9	Use of Box-Cox Transformation in the Fitting of Fatigue Data	Status	D. Hall will lead discussion of this item in the FatWG.
18-05	GTG	MATSSG	9	Data Quantities for Large Gage Ranges	Agenda	J. Rubadue will present this item.
18-06	GTG-F	FTG	9	Revision of Figure 9.3.4.4 Failure Codes for Fasteners	Status	C.Shannon will present this item.
18-07	FTG	WWG	8	Review of Inconsistencies in Table 8.2.2.1.2(d) for Spot-Weld Joints	Agenda	C.Shannon will present this item.
18-08	MTG		6	718 Investment Cast (AMS5383) Addition of Tensile A/B-basis and Elevated Temperature	Agenda	D. Hall will give a status on this item. Static data have been analyzed. A/B-Basis values will be proposed.
18-09	GTG	PSG	1	Update Creep Guidance in Chapter 1	Agenda	D. Hall will give a status on this item.
18-10	GTG		9	Data Requirements for Forgings	On Hold	Waiting till requirements determined for castings.
18-11	MTG		3	Stress-Strain Curves for 2050-T852 Aluminum Alloy Die Forging 4.000-6.000 inch	Status	C.Shannon will give a status update on this item.
18-13	GTG		9	Guidelines for Exclusion of Low Secondary Property Test Values	On Hold	This item is on hold pending resolution of Item 15-36.

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18-14	MTG		3	Addition of A206.0-T4 and T71 Sand Casting Stress-Strain Curves, Physical Properties, and Fatigue Analyses	Agenda	D. Hall will present this agenda item
18-16	MTG		3	Full-Range Stress-Strain Curves for 2050-T852 Aluminum Alloy Die Forging	Agenda	C.Shannon will present this item.
18-18	MTG	WWG	8	Update AMS-QQ-A-250/4 in Table 8.2.2.1.2(a) (MMPDS-13)	Agenda	The Welding Working Group will discuss this item, and if possible, an agenda will be prepared for discussion at the meeting. Otherwise, it will be discussed during WWG.
18-19	MTG		5	Legacy Confirmation for Ti-6-4 Investment Castings per AMS4992	Status	Further investigation showed that data on-hand was used in previous analysis. Recently produced data are needed.
18-20	MTG		3	Upgrade S-Basis to A- and B-Basis 7075-T76, T7651 Bare and Clad Sheet and Plate	Status	J. Rubadue will present this item.
18-21	MTG		3	Upgrade S-basis to A/B-basis for 2219-T852 Aluminum Alloy Hand Forgings	Agenda	C.Shannon will present this item.
18-22	MTG		3	Legacy Confirmation and Upgrade to A- and B-basis for 7075-T76511 Extrusion	Status	Data are available from Alcan, Kaiser, and Universal Alloy. Data requested from Arconic. At time of data submital, additional extrusion information was not requested.
18-24	MTG		5	Contemporary Tension and Compression Modulus Data for Ti-6Al-4V Annealed Sheet	Agenda	Analysis will be based on the proposed method for Item 16-24.
18-28	GTG		9	Using the Logarithm Transformation with MIDAS Analysis of Minimum Properties		Need to set "Type"
19-01	MTG			Stabilization of Specifications and Other Specification Changes	Agenda	J. Rubadue will present this item.
19-02	GTG		2	Equivalent Rounds for Steel Alloys	Agenda	J. Rubadue will present this item.
19-03	GTG-F	FTG	9	Revision of Sunset Clause	Status	C.Shannon will present this item in the GTG.
19-04	MTG	ETWG		Considerations for Certifying an AM Part	Agenda	At the request of the GSG, the Volume II Working Group shifted focused to Chapter 2 of the new book. D. Hall will present this agenda item.
19-05	GTG		9	Derived Properties Requirement When Expanding Thickness Range in a Table	Status	D. Hall will give a status on this item
19-06	MTG		2	Identification of Forging Types for PH13-8 and MLX17	Agenda	J. Rubadue will present this item.
19-07	GTG	MATSSG	1	Identification of Response to Heat Treat Properties in MMPDS	Status	J. Rubadue will lead discussion of this item to include guidance in Chapter 1. This subject will also be discussed in MATSSG.
19-08	GTG		1	One-Sample Equivalence Method	Agenda	Bob present this item?

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19-09	GTG		9	Removing Test Specification Version	Status	Who should cover this one?
19-10	MTG		6	Secondary Properties for 718 Bar per AMS 5662 and AMS 5663	Status	Data are requested
19-11	MTG		3, 6	Updates to Several Load Control Fatigue Figures	Agenda	A recent review of MMPDS fatigue curves revealed minor issues with two A-286 fatigue curves and the 6061-T6 fatigue curve. These issues will be resolved in this agenda item.
19-12	GTG		9	Clarify Minimum Content Requirements for Public Specifications - Section 9.2.2	Agenda	D. Hall will present this agenda item
19-13	MTG		3	Addition of 2043-T85 Aluminum Alloy Extrusions	Agenda	J. Rubadue will present this item.