

Joint Marking Qual Working Group Mtg #3

Outbrief & Notes

San Diego, CA

27 Oct 2005

Agenda Topics

- Latest UID Happenings from DoD
- Report from UA-H on 4 ft Data Stack Review and Lab Testing
- DAU ACC Website Postings & Usage
- GenMark Guidance Charts Update
- Industry CFI Reports
- Initially Populate GEIA Matrix
- Next Steps & Way Forward

Latest UID Happenings from DoD

- Results from DoD UID Forum in San Diego Convention Center
- Optimize ConOps for Next UID Forum Mtg in Chantilly, VA
- Discussed Latest on MIL-STD-130**M**, Draft 3+ and Difficult Para 5.1

Report from UA-H



Microsoft
PowerPoint Presentations

- Working 2 Complimentary Initiatives
 - JMQWG Support
 - UID Pilot Project for Corpus Christi Army Depot (CCAD)
- 90% Complete on 4 ft Data Stack Review
- Want to Change Test Data Summary Sheets into Access Database
- HALT Chamber Delivery Delayed
- Renovating Lab for JMQWG Support

DAU Website

- <https://acc.dau.mil>
- Special Interest Area (SIA) → UID
- Location to Post Latest JMQWG Data, GEIA Matrix, Summary Sheets, GenMark Guidance, Presentations, New Info, etc.
- Do Not Need User ID or Password to View the Posted Data

GenMark Guidance Charts

- Updated to Version 0.2 per Comments from Boeing IDS
 - Clearcoat Recommended Over Inks
 - Expanded Temp Range Definitions
- Do Not Have Decision Flowchart Ready per JMQWG Mtg #2 Action Item
- Will Remain a Living Guidance Document
 - Send Comments to Mitch

Call for Info (CFI)

- JMQWG Mtg #2 Actioned Industry & Gov't Org's to Send Out a Call for Info to Define the Following Standard Usage Info
 - List of Standard Material Types Used
 - Type of Marking (Technologies Used)
 - Conditions of Materials (Finishes)
 - Environments
 - Do You Have Marking Method Experience to Share or Plans to Perform?
- JMQWG Mtg #3 Review Data Available To-Date

GEIA Matrix

1st Draft Shows Companies Fit by Material Type & Marking Method

| GEIA JMQWG Matrix | | | | | | | | | | | | | | | |
|--------------------------------------|------------------------------|-------|------------|------------------|-----------------------|-------|-------------------------|---------|-------|-----------|----------|-----------|----------|---------|-----------|
| | Flexible Labels (applied to) | | | Rigid Nameplates | | | Direct Ink Applications | | | Peening | Etching | | | Casting | Autoclave |
| | Synthetic | Cloth | Metallized | Plastic | Metal | Other | Inkjet | Stencil | Other | Dot | Chem | Laser | Abrasive | Stencil | Stencil |
| Metallic - Alum | L, R, H, N | N | H, N | | L, B, H, RR, R, BH, N | | N | R | | B, RR | B | B, H, BH | | | |
| Metallic - Steel | R | | | | L, B, RR, R, BH | | | | | B, RR, BH | B | B | | | |
| Metallic - Stainless Steel | R, L | | H, N | | L, B, H, RR, R, BH, N | | N | | | B, RR, BH | B, RR, N | B, RR, BH | | | |
| Metallic - Copper | | | | | | | N | | | RR | | | | | |
| Metallic - Nickel | | | | | | | N | | | RR | RR, H, N | H, BH | | | |
| Metallic - Titanium | R | | | | H, BH | | N | | | B, RR, BH | H | BH | | | |
| Substrate with Primer / Paint | L, R, H, B, BH | | B, H, R | | L, B, H, R, BH, N | | B, RR, N | B, R | | | | R, BH | | | |
| Plastic | R | | | | | | N | R | | | | BH | | | |
| Composite | R | | | | B | | N | | | | | | | | |
| Fiberglass | R | | | | N | | N | | | | | | | | |
| Ceramic | R | | | | | | | R | | | | | | | |
| Special Coatings | | | | | | | | | | | | | | | |
| Cloth | | | | | | | | | | | | | | | |
| Rubber - Butyl | | | | | | | N | | | | | | | | |
| Rubber - Neoprene | | | | | | | N | | | | | | | | |
| Rubber - Silicone | | | | | | | N | R | | | | | | | |
| Glass | | | | | | | | | | | | | | | |
| Leather | | | | | | | | | | | | | | | |
| Wood | | | | | | | | | | | | | | | |

B = Boeing, BH = Bell Helicopter, H = Honeywell, L = Lockheed Martin, N = Northrop Grumman, R = Raytheon, RR = Rolls Royce

Next Steps – Way Forward

- Continue Teleconferences
 - Every 3-4 Weeks
- Re-Energize and Re-Issue CFI to Gather More Data from All Sectors
 - Get US Gov't Participation in CFI
- Target Usable GEIA Matrix + Test Data Summary Sheets + Test Reports for 80% Common by End of 1Q 2006

Important Dates

- Define Peer Review Process – 23 Aug 2005 ✓
- GenMark Flowchart Defined – 01 Oct 2005 ✓
- Peer Review GenMark Flowchart – 08 Oct 2005
- Industry Data Response to CFI – 16 Sep 2005 (50%) ✓
- Get DAU Site Organized – 28 Sep 2005 ✓
- UAH GREs Organize CFI Data – 28 Oct 2005
- UAH Catalog the NASA Data – 28 Oct 2005 (90%) ✓
- GEIA Matrix Peer Review via VTC – 11 Nov 2005
- GEIA Matrix Posted @ DAU Site – 15 Dec 2005

- JMQWG Mtg #3 (San Diego, CA) – 27 Oct 2005 ✓
- UAH Coupon Test Plan Complete – 27 Sep 2005
- UAH Coupon Tests Complete – TBD 1Q 2006

Strategy Diagram

