REPORT OF MINUTES ANSI MH10/SC8

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| Meeting Date: | January 26, 2010 from 0900 – 1700  January 27, 2010 from 0900 – 1700 |
|  |  |
| Meeting Location: | Seal Beach, California |

# Tuesday, January 26, 2010

# Welcome and Introductions

The Chair**,** Mark Reboulet, U.S. Air Force, convened the meeting at 0900 hours and attendees introduced themselves in round table fashion.

### Members and Alternates Present

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Company** | **First** | **Last** | **Category** | **Email Address** |
| AIAG | Morris | Brown | Voting | mbrown@aiag.org |
| AIAG | Mohammad | Abidi | Voting | mabidi@aiag.org |
| Allied AIDC Inc | Joe | Lemieux | Voting | [ejl@alliedaidc.com](mailto:ejl@alliedaidc.com) |
| ATIS / Telcordia | Bob | Fox | Voting | [rfox@telcordia.com](mailto:rfox@telcordia.com) |
| CDO Technologies | Rick | Lafferty | Voting | ricklafferty2@cs.com |
| CDO Technologies | Don | Ertel | Voting | don.ertel@cdotech.com |
| DoD Logistics AIT Office | Dan | Kimball | Voting | dan\_kimball@sra.com |
| FedEx Services | Mark | Thomas | Voting | [mjthomas@fedex.com](mailto:mjthomas@fedex.com) |
| High Tech Aid | Steve | Halliday | Voting | [steve@hightechaid.com](mailto:steve@hightechaid.com) |
| Intermec Technologies | Sprague | Ackley | Voting | HSAckley@cs.com |
| Northrop Grumman | Heather | Weier | Voting | heather.weier@ngc.com |
| Q.E.D. Systems | Craig | Harmon | Voting | craig.harmon@qed.org |
| Savi Technology | Ryad | Semichi | Voting | rsemichi@savi.com |
| U.S. Air Force | Mark | Reboulet | Voting | [Mark.reboulet@wpafb.af.mil](mailto:Mark.reboulet@wpafb.af.mil) |
| United Parcel Service (UPS) | Ralph | Gallagher | Voting | rgallagher@ups.com |
| USD(AT&L)/DPAP/PDI | Craig | MacDougall | Voting | Craig.MacDougall@Navy.mil |

### Observers Present

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Company** | **First** | **Last** | **Category** | **Email Address** |
| Alion Science & Technology | Kevin | Hockler | Observer | [khockler@alionscience.com](mailto:khockler@alionscience.com) |
| A&N Associates | Allan | Gilligan | Observer | [agilligan@rcn.com](mailto:agilligan@rcn.com) |
| USMC AIT Office | Dennis | O’Leary | Observer | dennis.j.oleary@usmc.mil |

### Members Absent

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Company** | **First** | **Last** | **Category** | | **Email Address** |
| American Trucking Association | Michael | Snyder | Non-Voting | | msnyder@trucking.org |
| Avery Dennison Corp | Bud | Klein | Voting | | [bud.klein@averydennison.com](mailto:bud.klein@averydennison.com) |
| Boeing | Steve | Georgevitch | Non-Voting | | steve.georgevitch@boeing.com |
| Bruno Associates | Tom | Bruno | Non-Voting | | tbruno@brunoassociates.net |
| Evanhoe & Associates | Chuck | Evanhoe | Voting | | chuck.evanhoe@evanhoe.com |
| General Motors | Larry | Graham | Non-Voting | | larry.graham@gm.com |
| GS1 US | Ray | Delnicki | Voting | | rdelnicki@gs1us.org |
| Honeywell Scanning & Mobility | Robert | Hussey | Non-Voting | | Rob.Hussey@honeywell.com |
| Monode Marking Products | JT | Mackey | Voting | | jt@monode.com |
| Motorola | Rick | Schuessler | Voting | | Rick.Schuessler@motorola.com |
| SAIC | Kenneth | O’Conner | Non-Voting | | kenneth.j.o'connor@saic.com |
| Sikorsky | Mark | Rowland | Non-Voting | | [mrowland@sikorsky.com](mailto:mrowland@sikorsky.com) |
| U.S. Navy AIT Program | Gary | Bruner | Voting | | [gary.bruner@navy.mil](mailto:gary.bruner@navy.mil) |
| U.S. Postal Service | Himesh | Patel | Voting | | hpatel@email.usps.gov |
| Webscan Inc | Glen | Spitz | Non-Voting | | gspitz@webscaninc.com |
|  |  |  |  |  | | |

# Agenda for This Meeting

* [Welcome and Introductions](#_Welcome_and_Introductions)
* Approval of Agenda
* Membership Updates
* Action Item Review
* Liaison Reports
  + ATIS/BCSC
  + AIAG
  + EPCglobal
  + Carrier’s Report (USPS, UPS, & FedEx)
* Discuss ISO 1763x
* Review DI Maintenance
* MH10.8.13 Progress
* Vet 13B (ISO 28219)
* US Navy Presentation
* USS Essex Load out
* MH10.8.2 PINS Resolution
* Meeting Planning (2010 – 2011)
  + July 20 - 21 – Everett, WA (PAE10) – Dan Kimball
* 2010 Work Plan – Update
* New Business
* Action Item Assignment – Review

# Approval of the Agenda

A motion was made (Gallagher), seconded (Harmon) and the committee unanimously approved to accept the revised agenda.

# Membership Updates

A review of the Membership Status (MH108\_10002\_MembershipStatus.pdf) and Roster (MH108\_10001\_Roster.pdf) was completed. There were several changes made to the Membership Status report and as a result the report was updated and posted as MH108\_10002R1\_MembershipStatus.pdf.

# Approval of the minutes for the Nov 2009 meeting in Williamsburg, Virginia

A motion was made (Lafferty), seconded (Weier) and the committee unanimously approved the amended minutes from the November meeting. (MH108\_09049R2\_ApvMin\_PHF.doc)

# Action Item Review

## Action Item 090021

Bob Fox sent the following in an email to the Chair of TIA TR-45 committee on January 26, 2010:

ANSI MH10 Subcommittee 8 (“SC8”) develops Automatic Identification & Data Capture (AIDC) standards for the U.S. and is the U.S. TAG to ISO TC122 for the same work at the global level.

SC8 has been passed an AIDC standard from CEA (Consumer Electronics Assoc.) for a product & package marking standard (CEA-621-A, text version of this document is attached – formerly EIA-621) which includes information on labeling/marking of mobile phones with the ESN/MEID, in addition to labeling/marking an Interior Service Number. CEA has officially withdrawn CEA-621-A, so there is no active standard currently available which provides the specifications included in it. A PDF of CEA-621-A is being provided to you as well for the purpose of evaluating your participation in the revision of the standard.

Since TIA TR-45 administers the MEID’s, SC8 thought your committee’s membership may be interested in either informing interested companies about the standard and supporting its maintenance in SC8 or maintaining this information in a standard as part of the work of TR-45. SC8 can provide expertise in the marking of the phones with bar codes and/or other AIDC technologies if needed. If TIA TR-45 decides they would want to maintain this information, please incorporate symbology and data constructs from CEA-621-A.

SC8 would appreciate your assistance in finding interested companies and either taking over the development/maintenance of the content of this standard or providing participants for the work at SC8.

All other Action items were reviewed and updated as necessary.

# Liaison Report Update

## ATIS/AIDC

1. ATIS AIDC Web site has Issues in work which can be viewed. Certain parts of the Web site are only available to paid participants (the web site will retain the “bcsc” in the link as noted below until further notice from ATIS that they have changed the link):

<http://www.atis.org/bcsc/>

1. Status of open issues:
   * Issue 017 – This issue uses the scanner test data from telecommunications service providers testing based on ATIS-0300085, *BCSC Test Specification for Product Label Scanning*, and creates a report on the results. Report is still in work since testing by a few companies is still in process.
   * Issue 027 – Revisions to ATIS-0300006, *Implementation Guide for Package Labeling*. The purpose of this issue is to update document to change referenced document numbers, nomenclature and correct addresses for organizations where they can be accessed. It will also:

* Update and/or correct figures for labels
* Add new figures for labels to help clarify requirements
* Revise wording to comply with current ANSI MH10 and ISO TC122 standards, as appropriate for the telecommunications industry. **Telecom will not require moving to the usage of the J Data Identifiers and continues to support the use of the DI’s 3S through 7S, but encourages the acceptance of the J’s and migration toward using them.**
* Proposal to add Data Matrix symbology is being worked into the document.

This issue is still being worked due to additions requested from newer committee participants. Changes to label examples in the document are in the process of completion. Creating BarTender templates for labels so that future revisions are easier to accomplish. ATIS secretariat will reformat the document once technical changes are completed.

* + Issue 028 – Revisions to ATIS-0300038, *Product Marking Implementation Guide*. The purpose of this issue is to:
* Update document to change referenced document numbers
* Correct addresses for organizations where they can be accessed
* Clarify document wording to assist users in implementing the requirements
* Emphasize the requirement for a 2D label (linear labels are no longer permitted)
* Move information on implementation date (of 1 October 2006) to appendices since the date has passed
* Add Data Matrix as an optional 2D symbology with trading partner agreement.
* Change some label examples, including example for Data Matrix.

This issue closed and **should be** **published and available by February 2010**. Creating bar code software templates for labels to be stored on the ATIS server with the document so that future revisions are easier to accomplish. ATIS secretariat is reformatting the document prior to publication.

* + Issue 029 - Processing Data in ANSI MH10.8.3 (ISO/IEC 15434) Formatted High Capacity Media – New issue to create new document to assist companies implementing 2D – specific information for programmers and system integrators.
    - The issue statement states: The processing of ANS MH10.8.3 (ISO/IEC 15434) formatted two-dimensional (2D) symbols is not clearly explained anywhere in industry standards or application guidelines. There is a need for a guideline which provides technical assistance for programmers and application developers supporting the processing of the 2D symbols with the special control characters specified in the ANSI and ISO standards. The guideline should include information on processing the control characters, as well as the handling of Data or Application Identifiers, included in the symbol.
    - The suggested solution is: Develop an ATIS guideline to provide the needed information for processing 2D symbols. The completed and approved guideline could also be submitted to ANSI MH10 as input to a Technical Report on this subject. The initial version will provide information on handling control characters and Data Identifiers. Application Identifiers may be handled in a revision.
    - Current status:
      * A draft document has been prepared which includes character substitution technique in the scanner prior to transmission.
      * **Issues with control character processing.** Different scanners appear to be sending additional characters when checking the information in the keyboard buffer. Ad Hoc committee members will discuss with scanner manufacturers to help resolve the issue. **Input on this issue from scanner manufacturer or other members of MH10 SC8 would be appreciated.** Scheduling meeting with one scanner manufacturer so far.

1. A participant plans to propose a new issue, similar to Issue 029, to provide a guideline for encoding 2D symbols with MH10 syntax.
2. The issue statements are available to the public at the above Web site. Draft documents are only available to paid participants. Final documents are available to non-participating companies for a fee.
3. The following companies are participating in this work through 2009: Alcatel-Lucent, Cisco Systems, Communications Test Design Inc. (CTDI), Embarq Corporation (former Sprint LTD), Ericsson, Fujitsu, Nokia-Siemens, Qwest Communications and Telcordia.
4. The next meeting is a Full Conference Call to review the committee’s work is scheduled for Tuesday, 2 March 2010.

## AIAG

### April Meetings

AIAG will be hosting the ANSI MH10 SC8 meeting at our office in Southfield on April 20. Directions to AIAG and discounted hotel rates can be found at <http://www.aiag.org/staticcontent/about/directions.cfm> . AIAG will also be hosting the REG meeting on April 21. On the morning of April 22, AIAG will be holding our annual Auto-ID Showcase. Cognex is sponsoring this event and exhibit opportunities do exist. AIAG is also offering this event as a Webinar to allow for remote participation. Need to register - $50.

**Draft Agenda:**

* 8-9 Registration/Exhibit floor
* 9-9:45 International standards update-C. Harmon-QED
* 9:45-10:15 New B-17 DPM Overview-F. Maslar-Ford/ J. Pierce-Cognex
* 10:15-10:45 Break/Exhibit area
* 10:45-11:30 New B-11 & RFID adoption in automotive-P. King-Michelin & B. Hoffman-Hoffman Systems
* 11:30-Noon Global future of auto-id and opportunities in automotive industry – L. Graham
* Noon- 1p.m. Pizza in exhibit area

Registration information can be found at <https://www.aiag.org/source/Meetings/cMeetingFunctionDetail.cfm?section=unknown&product_major=E10AUTOID&functionstartdisplayrow=1&mtype=spec>

### RFID E-Learning

AIAG has partnered with RFID Revolution to offer reduced pricing to our membership on their **RFID Essentials Course 1, "Introduction to RFID",** is interactive, online training designed for end-user organizations in the exploration or early adoption phase. In about eight hours, at your pace, you can acquire working knowledge of RFID technology and how to apply it profitably.

### JAIF (Joint Automotive Industry Forum) Returnable Transport Item Guideline

Currently reviewing version 12 of 13B comment form. Goal is to publish by second quarter. Anyone interested in reviewing this document should notify either AIAG, Odette, JAPIA, or JAMA.

### B-17 Direct Part Marking Guideline

This document has being revised to allow for new technologies and recent standards (2006 AIM Direct Part Marking document and MIL-STD130-N.) Frank Maslar from Ford is chairing this work group. This document has been published

**B4, B10, B15 are possible action items for 2010.**

Mohammad Abidi is responsible for Electronic Commerce and is now the Alternate, Morris is likely to be moving out of this group in the future.

## EPCglobal

The new GS1 version 10 specification is on the AutoID site.

2D Judge is only good for Data Matrix on diffuse reflection (paper) material. Could be modified to do DPM but is not there at this time.

Stephen Halliday mentioned that they are working on Active Tagging, HF, and Security.

## Carrier’s Report (USPS, UPS, & FedEx)

DoD Government Accountability Office letter (Kimball) . Starting a GAO Audit on Container Security, source is request from House Committee on Homeland security. What progress has DHS made on physical security of containers, 18185, 18186, 17363 should be a part of this answer.

# ATIS Liaison Report – Issue 029

The ad hoc shall review the document on AUTOID.ORG that deals with programming special characters and control characters for currency and accuracy.  Questions were raised regarding the ability of Intermec and Zebra printers to program these special characters.

The idea is to make this document available to ATIS as input to the work on their issue 029 as requested by ATIS. An Action Item (100001) has been assigned.

# Discuss ISO 1763x

The Committee felt that a thorough review of ISO 17363.2 should be done and the Committee should be prepared to give a recommendation on ISO 17363.2 at the next April meeting. Savi Technologies (Rich Vossel), DoD Logistics AIT Office (Dan Kimball) and US Army J-AIT (Sebastian Philip) have agreed to lead the review of ISO17363.2 an Action Item (100002).

17363 is a topic at April meeting. Ryad asked for the ability of the Dash7 group to show there review of 17363 at the next meeting. Kimball, Savi and Sebastion Philip will do in depth by 1st March, all to do review and be prepared to talk about it.

ISO 17364, ISO 17365, ISO 17366, ISO 17367, ballot closed on 22nd Jan 2010. The TC 122 Secretariat has not yet posted comments.

Don Ertel volunteered to do a review of ISO 17364. (Action Item 100011)

# Review DI Maintenance

Craig Harmon said that only change to MH10.8.2 dated 10/31/2009 was posted to AutoID.org. Have moved 6C (was TEI compaction) as reserved. Sprague argues that it should be available now so there is no delay when it is needed. The concept of my children/my parent was discussed. Steve Halliday indicated that on the cover page of the 2nd public review draft it states: **Document: AIM IUIDC-1-2008**. The formal title of this document is ***AIM Global Technology Guideline - Text Element Identifier (TEI) data compaction guideline.*** The committee agreed to reserve the 6C (TEI Compaction) until the above AIM IUIDC-1-2008 document is implemented.

# MH10.8.13 Progress

Allan Gilligan was funded to perform testing on labels for compliance to minimum adhesion requirements documented in the current draft of MH10.8.13. Since both adhesion test methodologies presently in the draft of MH10.8.13 were included in the testing program it provided a unique opportunity to do a comparative test under controlled conditions that would aid in selecting the best test procedures to be included in ANS MH10.8.13. Allan reported that he completed an analysis of adhesion testing methodologies. This analysis was based upon testing recently completed for the US Air Force Ammunition labeling program. The testing structure was as follows:

* Duplicate the adhesion test using the ANS MH10.8.7 test methodology and the MIL PRF 61002A test methodology
* Test using different label materials to insure that material choice does not influence the test methodology
* Test each label set and condition in triplicate
* Testing was done in a laboratory accredited by the American Association of Laboratory Accreditation (A2LA) with Allan Gilligan guidance and oversight

The PowerPoint presentation (MH108\_10005\_Adhesion Testing Results.pptx), provided by Allan, summarizes the test results.

A total of 528 adhesion tests were conducted on 11 label materials with 264 tests being conducted using the ANS MH10.8.7 90 degree peel test methodology and 264 adhesion tests using the MIL PRF 61002A static pull test methodology. The ANS MH10.8.7 methodology identified 42 adhesive failures (14 sets) with a 95% degree of confidence. The MIL PRF 61002A methodology identified 12 adhesive failures (4 sets).  Of the 12 failures (four sets) identified by the MIL PRF 61002A methodology 9 (three sets) were also identified by the ANS MH10.8.7 methodology. The remaining 3 failures (one set) identified by the MIL PRF 61002A methodology passed the test using the ANS MH10.8.7 methodology at the 95% degree of confidence.

The difference between the failure rate of 16% for the ANS MH10.8.7 methodology and 5% for the MIL PRF 61002A methodology was significant. Adhesive failures were broadly distributed between testing conditions and label samples.

The conclusion of this study was that the MIL PRF 61002A methodology was NOT a satisfactory indicator of adhesive performance and that the ANS MH10.8.7 methodology should be the only one included in the ANS MH10.8.13 draft standard.

The Committee has asked the Ad Hoc committee to open some dialog with Tobyhanna to review the results of the Adhesion Testing as it relates to MH10.8.7 vs. MIL-PRF 61200A. An Action Item (100003) has been assigned.

**The committee recessed for the evening and will reconvene at 0900 on Wednesday, Jan 27, 2010**

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# Tuesday, January 27, 2010

# US Navy Presentation

USS Essex Load out presentation (MH108\_10006\_Navy 2D Business Case) was given by Kevin Hockler of Alion Science & Technology.

# Vet13B (ISO 28219)

Bob Fox lead a review of the ISO 28219 form 13b (MH108\_09046R2\_ISO28219 - Form 13B Combined 20100108.doc).to compare ANS MH10.8.7 with ISO 28219 and decide if we can replace ANS MH10.8.7 with this document. Several comments in the 13B were revised. A revised 13B was developed during the meeting (MH108\_09046R3\_ISO28219 - Form 13B Combined 20100127.doc). The next steps are:

1. Determine whether CEA-621-A ESN/MEID information (13B comments US-15 through US-22) will be transferred to TIA, moved into MH10.8.7 or proposed for inclusion in ISO 28219 per the 13B. See Action Item # 090021 and new Action Item # 100010.
2. Initiate SC8 ballot to retain or retire ANS MH10.8.7 (planned for April 2010 SC8 meeting).
3. Update ISO 28219 13B based on above item results.
4. Send 13B to ISO 28219 to TC122 with changes we would like to see.

# MH10.8.2 PINS Resolution

MH10.8.2 was published in 2006, so it is up for periodic soon. Need to create a PINS sometime so that a new document is done by Oct 2011. Craig to create a PINS by April 1, 2010 (Action Item 100004). The 2009-2011 Work Plan was updated.

# 2010 - 11 Meeting Planning – Update

* April 20 – Detroit, MI (DTW10)
* July 13 - 14 – St Louis, MO (STL10)
* November 4 (?) – Chicago, IL (ORD10) (Action Item 100005)
* January 25 - 26 – Boca Raton (BCT11)
* April 12 - 13 – Atlanta, GA (ATL11)

# 2009-11 Work Plan

## Existing Document Work Items:

### The Status Detail of these Standards can be viewed in SD 2 (ASC MH10 Standards Status).

* MH10.8.1:2006 – Shipping Label Standard published 2006 - Revise to incorporate CEA 556C
* MH10.8.2:CM – Data & Application identifier standard – Continuous Maintenance (PINS being submitted)
* MH10.8.3:2002 – Syntax for High Capacity ADC Media – In the process of modification. PINS published April 11, 2008.
* MH10.8.4:2002 – RFID Tags for Returnable Containers – Reviewing the process of withdrawal in favor of ANSI/ISO 17364 when issued. (Feb 2009). Review Document MH108\_07004.
* MH10.8.5 – Retired this number – not to be used – no action required.
* MH10.8.6:2003 – Product Packaging standard. (Need to review ISO 22742 to see if MH10.8.6 can be retired in favor of 22742)
* MH10.8.7:2006 – Product Marking standard. (Ongoing review of ISO 28219 and a Ballot retain or retire)
* MH10.8.8:2006 – RFID for Parcels, Packages and Flat Mail (Review July 2010 Meeting)
* MH10.8.9 (PINS issued, no text) – Product ID using other than optically readable media – Awaiting the issuance of ANI/ISO 17367
* MH10.8.10 (PINS issued, no text) – RFID for Product Packaging – Awaiting the issuance of ANI/ISO 17366
* MH10.8.11 – Unit loads and transport packages for North American border crossings – no action at this time
* MH10.8.12 – Component Marking Standard – PINS Filed 2007-04-27 (CEA 706A to be formatted)
* MH10.8.13 – Label Test Procedures for Bar Code and Two-Dimensional (2D) Label – PINS Filed 2008-02-01
* MH10.8.14 – Unique Digital Identifier – PINS Filed 2008-06-20

# New Business

* None

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### Action Items brought forward from previous meetings:

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| --- | --- | --- | --- |
| **Item #** | **Action Item** | **Who** | **By When** |
| 090013 | Provide a summary of label testing results received through 03/30/2010. | Bob Fox | 03/30/2010 |
| 090016 | Contact Al McKinlay from ASTM and request a new ASTM test panel and fixture to support a 4x8 label | Bob Fox | 06/30/2010 |
| 090020 | GS1 to review clause 4.2 for suitability for retail label testing. Provide suitable new clause if not suitable. | Frank Sharkey | 03/30/2010 |
| 090021 | Contact TIA to determine if they would like to create a standard for their own Serial Number | Bob Fox | Completed |
| 090022 | Develop a Strategic Gap Analysis for the Committee’s review at next meeting | Mark Reboulet | Closed |
| 090023 | Reformat CEA 706A to MH10 Standard | Craig Harmon | Done |

### New Action Items assigned this meeting:

|  |  |  |  |
| --- | --- | --- | --- |
| **Item #** | **Action Item** | **Who** | **By When** |
| 100001 | Clarification of the requirement of issue 029 of the Liaison report | Bob Fox | 02/01/2010 |
| 100002 | Review ISO 17363 and prepare recommendations. | Rich Vossel Dan Kimball Sebastian Philip | 03/01/2010 |
| 100003 | Contact Tobyhanna to establish a dialog on the differences between the MIL PRF 61002A and MH10.8.13 Adhesive Test results (protocols) | Bob Fox | 04/01/2010 |
| 100004 | Create a PINS for MH10.8.2 | Craig Harmon | 04/01/2010 |
| 100005 | Determine the dates for the AIM show in Chicago | Steve Halliday | Complete |
| 100006 | Prepare a two page white paper for the development of standard for hardware interface with handheld applications | Sprague Ackley Heather Weier Don Ertel | 03/15/2010 |
| 100007 | Recommendation for a vote to retire MH10.8.7. Must have a response from TIA. | Bob Fox | 03/30/2010 |
| 100008 | Review ISO 17363 and be prepared to discuss. | All Members | 04/20/2010 |
| 100009 | Review and update 2010-2011 Work Plan and update | Joe Lemieux | 03/30/2010 |
| 100010 | Report on response from TIA to email sent per AI # 090021 | Bob Fox | 04/20/2010 |
| 100011 | Review of ISO 17364 for gap analysis in consideration of the retirement of MH10.8.4 | Don Ertel | 05/1/2010 |

# Agenda Items for Next Meeting

* [Welcome and Introductions](#_Welcome_and_Introductions)
* Approval of Agenda
* Membership Updates
* Liaison Reports
  + DoD
  + ISO/IEC JTC1 SC31
  + GS1US
* Review DI Maintenance
* MH10.8.13 Progress
* Discuss ISO 17363
* Recommendations on keeping MH10.8.7 vs. ISO 28219
* Enterprise Data Collection Layer (EDCL) Presentation
* Discussion of the Action Item 100006
* Meeting Planning (2010 – 2011)
* 2010 - 2011 Work Plan – Update
* New Business
* Action Item Assignment – Review

# New Work Items

* None

# New Initiatives

* Sprague Ackley talked about the need for a standardized application interface; Mark Reboulet has a version of this using Sybase.
* CDO Technologies, Northrop Grumman, and Intermec to create a white paper on standardizing hand held applications on hardware, by March 15, 2010. See Action Item 100006.

# Acknowledgements

* A special thanks to Bob Fox for providing a telephone bridge for this meeting.

# Parking Lot Items

* None

**The chair adjourned the meeting at 1600 hrs.**

## Attachments are found at the MH10.8 committee web site

<http://www.autoid.org/ANSI_MH10/ansi_mh10sc8.htm>

MH108\_09046R2\_ISO28219 - Form 13B Combined 20100108.doc

MH108\_09046R3\_ISO28219 - Form 13B Combined 20100108.doc

MH108\_09049R2\_ApvMin\_PHF.doc

MH108\_10001\_Roster.pdf

MH108\_10002R1\_MembershipStatus.pdf

MH108\_10003\_20100108Updated2DRelease.doc

MH108\_10005\_Adhesion Testing Results.pptx

MH108\_10006\_Navy 2D Business Case

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Respectfully submitted on February 1, 2010

Joe Lemieux, Secretary MH10 SC8, Allied AIDC, Inc.