

2002 Annual Report

INCITS B10 Cards and Related devices

Covering the period from January 25, 2002 to January 31, 2003

B10 Informal Scope

Standardization in the area of identification cards and related documents and devices associated with their use in interindustry applications and international interchange. Specific areas include test methods, physical characteristics, card service life, embossing, magnetic stripe, integrated circuit cards with and without contacts, optical memory cards, machine readable travel documents, driver's license and other personal identification cards.

1. Executive summary

Most of the B10 work consists of on going International projects. In terms of ANSI/INCITS projects we have two active, three maintenance, and one liaison projects (see ANNEX A)

All international projects are developed through ISO/IEC/JTC1 SC 17, Cards and Personal Identification. The report on these International projects is presented in the attachments to this report:

ISO/IEC/JTC1 SC 17 N2183 Work Program

ISO/IEC/JTC1 SC 17 N2182 Draft Business Plan November 2002-October 2003

Please refer to the SC 17 Reports for all status regarding International projects.

Most of the activity this year is centered around a continued increase in IC card technologies, both contact and contact less. Biometrics on cards is another area of increased attention.

INCITS Project 1242 Driver's license Standard has been cancelled.

Work has begun on INCITS 284 Health Care Card Standard to update the technologies used and to add the three dimensional (3D) bar code capability to the standard.

WG3 and the ICAO NWTG has adopted facial images as the primary biometric for global the interoperability of travel documents.

2. Significant Accomplishments

Restructuring of the 7816 series of standards for IC cards with contacts kept the B10.1 group very busy this past year. The restructuring was major enough to cause a very careful review of the existing content and fixing in many areas. This is ready for FCD.

The Card Durability group has completed the gathering of the first round of field data with MBNA and is in the second year at Xavier University. The US work is being well received at the international level and we expect a New Work Proposal to happen this year.

B10.6 is moving forward with the FCD for the High Density Mag Stripe Encoding 7811-7.

We did get through a difficult search for a new chairman following the resignation of our existing chair, Joe Naujokas. He had held this position for six years. Joe served our committee and SC17 WG1 as convener.

3. Significant Challenges

The driver's license work was abandoned at the national level (dpANS 37) because of procedural controversy between AAMVA and the Retailers. Even with removing this from our work program we are still spending time and effort in this controversy. Work is however moving forward with the international work program. (WG10)

We had some set backs in terms of the B10/M1 controversy. The issues of where this work belonged took a lot of time and effort from our members, however I think adequate resolution took place and we moved on with the card specific biometric activity.

4. Expected Challenges

The challenges we see ahead for this year are a lingering controversy around the abandoned driver's license standard and bringing a new chairman up to speed.

Recently we also encountered some questions around the Anti-trust guidelines and their exact interpretation within the technical committee's. Hopefully this should be resolved quickly.

5. Committee Activities

5a. This year's meetings:

B10 TC and TG meetings are held in the same week and place three times per year. The US Registration Committee does not meet at every meeting.

Meeting Groups	Date	Location
All	May 6-9 2002	Richmond VA (Dupont)
All	August 12-15, 2002	St Louis MO (Mastercard)
All Except USRC	January 20-24, 2003	Palm Harbor (Verifone)

5b. Next Year's meetings

Meeting Groups	Date	Location
All	April 28-May 1, 2003	San Diego CA (Cubic)
All	August 25-28, 2003	Minneapolis MN (Datacard)
All	January 2004	Tampa FL (Intellicheck)

6. Liaison Activities

X9A Liaison, Banking Technology

This is an informational liaison only. Brad McGuiness keeps B10 informed of X9A activities and also keeps X9A informed of B10 activities. X9A administration is copied on all B10 documents.

X12N Liaison, Health Care Cards

Peter Barry serves as the liaison for the Health Care Card Standard.

7. Membership and Officers

7a. Plenary Officers

Position	Name and Organization represented
Chair (through July 2002)	Joe Naujokas-Naujokas and Associates
Vice Chair	Brian Beech-Datacard
Secretary	Tina Fritz-Discover Card
International representative	Tina Fritz-Discover Card

Task Group Officers

B10.1 IC Cards with Contacts

Chair Jim Russell, Mastercard
Vice Chair Phil McCauley, Magtek
US TAG to JTC1 WG 4

B10.3 Card Service Life Task Group

Chair Julie Hermanson, Plastag
Vice Chair Felix Shvartsman, Datacard
PE Gene Meir, Datacard
US TAG to JTC1WG1 TF2

B10.3 Card Durability Task Force

Chair Brad Paulson Thor Engineering
Sec Gene Meir, Datacard
PE ANSI/INCITS 32, Kevin Tall, Eclipse Labs

B10.5 Contactless IC Cards

Chair Francis Christian, ATMEL
Vice Chair Randy Roebeck, Texas Instruments
US TAG to JTC1WG8

B10.6 Physical Characteristics Mag Stripe, Test Methods

Chair Dick Fayling, Transaction Media
Sec Terry Schindler, Brush Industries
US TAG to JTC1WG1

B10.8 Driver's License

Chair Vic Andelin, Digimarc
Sec Nathan Root, AAMVA
PE ANSI/INCITS 327 Nathan Root, AAMVA
US TAG to JTC1WG10

USRC US Registration Committee

Chair Patty Greenhalgh, VISA

HOD to TAG to JTC1 SC 17 WG3-Machine Readable Travel Documents

Dan Ryan, DPR Consulting

HOD to TAG to JTC1 SC 17 WG9-Optical Memory Cards

Christopher Dyball, Drexler Technology

X9A Liaison, Banking Technology

Brad McGuinness, Verifone is the primary
Gerry Smith, American Express is alternate

X12N Liaison, Health Care Cards

Peter Barry, Peter Barry Associates

7b. Membership

509 Technologies, Inc.
AAMVA
AMERICAN EXPRESS
American Magnetics, an Axiohm Comp
AT&T
Atmel Corporation
BRUSH INDUSTRIES
Business Solutions
CFC INTERNATIONAL INC
CUBIC CORPORATION
DataCard Group
Diebold, Inc.
Digimarc ID Systems
DISCOVER CARD
DOD/DISA
DPR Consulting
DREXLER TECHNOLOGY
ECLIPSE LABORATORIES
EMAG LLC
F. M. GROUP INC
Fall Hill Associates, LLC
FARGO ELECTRONICS
Fayling Inc.
First Data Resources
FOOD MARKETING INSTITUTE
GEMPLUS CORP
HITACHI AMERICA LTD
Imaging Automation Inc
INFINEON TECHNOLOGIES
INTELLI-CHECK INC.
INTL CARD MANUFACTURES ASSO
IOWA DEPT OF TRANSPORTATION
Iridian Technologies
LensCard
MAG-TEK INC
MASTERCARD INTL
MBNA AMERICA
MOBILE-MIND INCORPORATED
MOTOROLA INC
NACS
NATL RETAIL FEDERATION
NEC Technologies
PETER T BARRY COMPANY
PHILIPS SEMICONDUCTORS
PLASTAG CORPORATION
QualTeq
ROCID
RODAKIS & ASSOCIATES
SAGEM MORPHO INC
SchlumbergerSema
SONY ELECTRONICS INC

STMICROELECTRONICS
Symbol Technologies, Inc.
TEXAS DEPARTMENT OF PUBLIC SAF
TEXAS INSTRUMENTS INC
TRANSILWRAP COMPANY INC
UATP
VeriFone
VISA INTL

8. Future Trends and related technical activities

We expect to see much of our work to come to fruition this year. The restructure of the 7816 series is nearing completion with the release of FCD's for arts 3,4,5,6,8,9. The objective of the US to separate the physical and logical structures and make the stands more useable was accomplished. The work on the USB interface is well underway.

The work on part 11 for the biometrics on IC cards, both storage and on-card verification, is nearly complete with the final resolution of comments for the FCD. The committee has worked closely with the Biometrics Consortium to insure compatibility of tags and data elements with the CBEFF document. In addition, we have worked with WG3 on the inclusion of biometrics in the new ICAO Logical Data Structures (LDS). All three forms of the standards and specifications use the same tags and data structures.

We have begun a new effort in the support of standardizing the Government Smart Card Interoperability Specification (GSCIS). We are strong supporters of this effort and are assisting them in including the latest standards developments for both contact and contact less. We expect NIST to introduce a new work item on this effort in April. We have established a liaison with the Ad Hoc group of M1 that is working on the biometrics portion GSCIS to ensure that part 11 of the standard is incorporated

Contact less technology should have a busy year as well with the amendment for high baud rates in ISO/IEC 14443. Also to we worked on is a NWI for limited use cards and investigation in a contact less financial work item.

Although we feel the loss of participation when dropping the Driver's license work, we have seem to generate new interest with contact less IC card standards, especially with the addition of the Government Interoperability group activities.

We also felt some reduced levels hen we were losing Biometric work to the M1 group. Many of our members participate on both of these today.

9. Other Administrative Information

We still have a balance of \$2740.04 remaining from hosting the SC17 meeting in October 1999. These funds will be used to host the June WG4/WG8 meeting to be held in Colorado.

B10 does not collect funds for any reason other than these types of events. At times our members may contribute to special causes such as funding the high density test reference media. This is between the companies and the final distribution and B10 does not participate in the collection of funds.

B10 does have its web site up and operational once again and a volunteer to maintain it.

Brian Beech
Chairman, INCITS B10
March 17, 2003

ANNEX A

Status of ANSI/INCITS Standards Projects

- INCITS Project: 402 - M

Standard Designation: INCITS 149:1986 [R2002]

Title: Financial Services - Financial Transaction Card Formsets - Location of Imprinted Information

Related International Development

ISO/IEC Doc.: N/A

JTC 1 Project: N/A

Status-No Activity on this project

- INCITS Project: 433 - L

Standard Designation: : []

Title: Liaison with X9 - Magnetic Encoding Track 3

Related International Development

ISO/IEC Doc.: N/A

JTC 1 Project: N/A

Status-No current activity with mag stripe, track 3. B10 maintains active liaison with other common interests.

- INCITS Project: 436 - M

Standard Designation: INCITS 118:1998 []

Title: Personal Identification Number - PIN Pad (Revision of X3.118:1984)

Related International Development

ISO/IEC Doc.: N/A

JTC 1 Project: N/A

Status-No current activity. Expect to ballot this to re-affirm in May 2003.

- INCITS Project: 1124 - R

Standard Designation: INCITS 284:1997 []

Title: Uniform Health Care Identification Card

Related International Development

ISO/IEC Doc.: N/A

JTC 1 Project: N/A

Status-Ad hoc group formed to update documents to add 3-D bar code and clean-up references. Progress has been slow to get started from project editor.

- INCITS Project: 1164 - D

Standard Designation: : []

Title: Multiple-Voltage Electrical Interface and Protocols

Related International Development
ISO/IEC Doc.: N/A
JTC 1 Project: N/A

Status-No Activity on this project

- **INCITS Project: 2011 - D**

Standard Designation: : []

Title: Card Service Life and Card Durability Criteria for Financial Transaction Cards, Driver Licenses, and College Campus Cards

Related International Development
ISO/IEC Doc.: N/A
JTC 1 Project: N/A

Status-Currently formulating basic structure for the classifications within the specification. Work seems to be moving forward, but at a slow pace.

- **INCITS Project: 1093 - M**

Standard Designation: INCITS 322:2002 []

Title: Information technology - Card Durability Test Methods (Revision of INCITS 322:1998)

Related International Development
ISO/IEC Doc.: N/A
JTC 1 Project: N/A

Status-The revision of this document was completed in 2002.

- **INCITS Project: 1242 - D**

Standard Designation: INCITS 327: []

Title: Identification Cards - Motor Vehicle Driver License

Related International Development
ISO/IEC Doc.: N/A
JTC 1 Project: N/A

Status-Project removed from work program.