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Cards and Personal Identification

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**BUSINESS PLAN FOR ISO/IEC JTC1/SC17
CARDS AND PERSONAL IDENTIFICATION**

PERIOD COVERED: November 2006 - October 2007

SUBMITTED BY: Dick Mabbott (UK), Chairman
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1   MANAGEMENT SUMMARY:

1.1   JTC1/SC17 STATEMENT OF SCOPE

Standardization in the area of

a)   identification and related documents,
b)   cards,

and devices associated with their use in interindustry applications and international interchange.

1.2   Membership

P-Member National Bodies:
Australia; Austria; Belgium; Canada; China; Czech Republic; Denmark; Finland; France; Germany; Hungary; India; Iran, Islamic Rep. of; Israel; Italy; Japan; Kenya; Korea, Republic of; Malaysia; Netherlands; New Zealand; Norway; Poland; Portugal; Romania; Russian Federation; Singapore; South Africa, Rep. of; Spain; Sweden; Switzerland; UK; USA. (Total 33)

O-Member National Bodies:
Estonia, Iceland; Indonesia; Ireland; Lithuania; Serbia and Montenegro; Slovakia, Rep. of; Thailand; Turkey; Ukraine. (Total 10)

SC17 Liaison with other ISO bodies

- ISO/TC 68, Financial Services
- ISO/TC215, Healthcare Informatics
- JTC1/SC27, Security techniques
- JTC1/SC31, Automatic identification and data capture techniques
- JTC1/SC37, Biometrics

Category A Liaisons

- American Express
- Ecma International
- International Air Transport Association
- International Civil Aviation Organization
- International Card Manufacturers Association
- International Labour Organization
- MasterCard International
- Visa International

Category C Liaisons

- Global Platform
- UN/ECE Transport Division
- UN/ECE/WP1 – Road Traffic Safety

1.3   PROJECT REPORT

The full SC17 work programme complete with target dates is published as SC17 Standing Document 3. A copy of the latest version of Standing Document 3 is available on the SC17 web site at http://www.sc17.com (17n3074). The work programme details the 48 currently active work items, and includes one International Standard that is expected to be published between the date of this report and the end of this reporting period.

SC17 working groups meet every 3-4 months depending on their schedule of work and close of ballot dates, using those for planning meetings rather than fixed time scales. SC17 has again made excellent progress during the reporting period. Details of the status of each project are given in 1.4.

Future Meetings

- October 2007, Germany
- October 2008, London, UK

1.4   Summary of projects and project status

- Total number of active projects (including sub-projects including those published during the reporting period)   48
- Total number of approved NPs   7
- Total number of WDs   5
- Total number of CDs   8
- Total number of FCDs   7
- Total number of FDIS   10
- Number of standards published this reporting period   14

Documents that have reached publication

ISO/IEC 4909	Identification cards - Magnetic stripe data content for Track 3
ISO/IEC 7813	Identification cards - Financial transaction cards
ISO/IEC 7816-3	Revision of Identification cards - Integrated circuit cards - Part 3: Cards with contacts - Electronic interface and transmission protocols
ISO/IEC 10373-1	Revision of - Identification cards - Test methods - Part 1: General characteristics tests
ISO/IEC 10373-2	Revision of - Identification cards - Test methods - Part 2: Magnetic stripe technologies
ISO/IEC 10373-5	Revision of Identification cards - Test methods - Part 5: Optical memory cards
ISO/IEC 10373-6/AM3	Identification cards - Test methods - Proximity cards - Amendment 3: Protocol test methods for proximity coupling devices
ISO/IEC 10373-6/AM4	Identification cards - Test methods – Proximity Cards –Amendment 4: Additional test methods for PCD RF interface and PICC alternating field exposure
ISO/IEC 11693	Revision of Identification cards - Optical memory cards
ISO/IEC 11694-5	Identification cards - Optical memory cards and devices - Linear recording method - Part 5: Data format for interchange.
ISO/IEC 11694-6	Identification cards - Optical memory cards and devices - Linear recording method - Part 6: Use of biometrics on optical memory cards.
ISO/IEC 14443-3/AM3	Identification cards - Contactless integrated circuit(s) cards – Proximity cards - Part 3: Initialization and anticollision - Amendment 3: Handling of reserved fields and values
ISO/IEC 14443-4/AM1	Identification cards - Contactless integrated circuit(s) cards – Proximity cards - Part 4: Transmission protocol - Amendment 1: Handling of reserved fields and values
ISO/IEC 15693-2	Revision of Identification cards - Contactless integrated circuit(s) cards - Vicinity cards - Part 2: Air interface and initialization

Documents that have reached FDIS status

ISO/IEC 7811-8	Identification cards - Recording techniques - Part 8: Magnetic stripes – Coercivity of 51,7 kA/m (650 Oe)
ISO/IEC 7812-1	Revision of Identification cards - Identification of issuers - Part 1: Numbering system
ISO/IEC 7812-2	Revision of Identification cards - Identification of issuers - Part 2: Application and Registration procedures
ISO/IEC 7816-13	Identification cards - Integrated circuit cards - Part 13: Commands for application management in multi application environment
ISO/IEC 8484	Revision of Identification cards - Magnetic stripes of savings books
ISO/IEC 10373-6/AM1	Identification cards - Test methods - Proximity cards - Amendment 1: Protocol test methods for proximity cards
ISO/IEC 10373-6/AM5	Identification cards - Test methods – Proximity Cards – Amendment 5: Bit rates for *fc/64 fc/32* and *fc/16*
ISO/IEC 15457-2	Identification cards – Thin flexible cards – Part 2: Magnetic recording techniques
ISO/IEC 24727-1	Identification Cards - Programming Interfaces for Integrated Circuit Cards - Part 1: Programming interface architecture
ISO/IEC 24727-2	Identification Cards - Programming Interfaces for Integrated Circuit Cards - Part 2: Generic card edge

Documents that have received FCD status

ISO/IEC 7501-1	Revision of Identification cards - Machine readable travel documents – Part 1: Machine readable passport (Fast Track DIS Ballot)
ISO/IEC 7816-2	Identification cards – Integrated circuit cards - Part 2: Cards with contacts: Dimensions and location of the contacts
ISO/IEC 7816-15/AM1	Identification cards – Integrated circuit cards – Part 15: Cryptographic information application – Amendment 1: Examples of Integrated use with other ISO/IEC 7816 standards
ISO/IEC 14443-1	Identification cards – Contactless integrated circuit(s) cards – Proximity integrated circuit(s) cards - Part 1: Physical characteristics
ISO/IEC 15457-1	Identification cards – Thin flexible cards - Part 1: Physical characteristics
ISO/IEC 18013-2	Identification cards – Motor vehicle driver licences – Part 2: Machine readable technologies
ISO/IEC 24727-3	Identification Cards Programming Interfaces for Integrated Circuit Cards – Part 3: Application interface

Documents that have reached CD stage

ISO/IEC 7816-3/AM2	Identification cards – Integrated circuit cards– Part 3: Cards with contacts: Electronic signals and transmission protocols – Amendment 2 – Synchronized communication
ISO/IEC 10373-6/AM6	Identification cards - Test methods – Proximity Cards – Draft Amendment 6: Test Environment
ISO/IEC 15457-3	Identification cards – Thin flexible cards - Part 3: Test methods
ISO/IEC 15693-1	Revision of Identification cards – Contactless integrated circuit(s) cards – Vicinity cards – Part 1: Physical characteristics
ISO/IEC 15693-3	Revision of Identification cards - Contactless integrated circuit(s) cards – Vicinity cards - Part 3: Protocols
ISO/IEC 24749-1	Identification cards – Secure and interoperable transactional IC card reader – Part 1: General architecture
ISO/IEC 24789-1	Identification cards – Card Service Life – Part 1: Application profiles and criteria
ISO/IEC 24789-2	Identification cards – Card Service Life – Part 2: Evaluation methods

Documents that have reached WD stage

ISO/IEC 14443-X	Identification cards – Contactless integrated circuit(s) cards - Proximity integrated circuit(s) cards - Part X: Multiple PICCs operating in a single field (May be a new part of ISO/IEC 14443 or incorporated into an existing part.)
ISO/IEC 18013-3	Identification cards – Motor vehicle driver licences – Part 3: Authenticity and integrity verification
ISO/IEC 24787	Identification cards – Match on-card
ISO/IEC 24727-4	Identification cards – Programming interfaces for integrated circuit cards - Part 4: API Administration
ISO/IEC 24727-5	Identification cards – Programming Interfaces for integrated circuit cards – Part 5: Testing

NPs approved during the reporting period

The following NPs were approved during the reporting period. Some have already progressed to subsequent stages. Thus they appear both here and under the relevant heading above e.g., CD, FCD, etc.

ISO/IEC 7811-9	Identification cards – Recording technique – Part 9: Tactile Identification Mark (TIM)

ISO/IEC 7816-4/AM1   Identification cards – Integrated circuit cards: Part 4: Organization, security and commands for interchange – Amendment 1: Addition of the DEACTIVATE RECORD command

ISO/IEC 7816-15/AM2   Identification cards – Integrated circuit cards – Part 15: Cryptographic information application – Amendment 2: Amendment for modifications and error corrections on ISO/IEC 7816-15

ISO/IEC 14443-X   Identification cards – Contactless integrated circuit(s) cards - Proximity integrated circuit(s) cards - Part X: Multiple PICCs operating in a single field

ISO/IEC 18013-3   Identification cards - Motor vehicle driver licences - Part 3: Authenticity and integrity verification

ISO/IEC 24727-4   Identification cards – Programming interfaces for integrated circuit cards – Part 4: API administration

ISO/IEC 24727-5   ISO/IEC 24727-5 – Identification cards – Programming Interfaces for integrated circuit cards – Part 5: Testing

PERFORMANCE MATRIX

Metric	2002	2003	2004	2005	2006
Attendance at Meetings (Inc.	273	225	230	235	267
New Standards Published (NSP)	4	7	11	12	14
Total Standards Published (TSP)	50	59	62	67	71
Active Projects (AP)	27	27	49	50	48
New Projects (NP)	5	4	25	18	7

1.4   CO-OPERATION AND COMPETITION

SC17's card technology standards are generic and universally adopted throughout the cards industry to underpin most card applications. They are used in the finance sector in the EMV (Europay, MasterCard, Visa) payment specification and in the transport sector where ticketing applications and electronic identification applications (e.g. machine readable travel documents) and thus terminals are generally compliant with SC17 contactless card standards.

The WG8 liaison with SC6 on ISO/IEC 18092, Near Field Communication, is working well with WG8 maintaining the 'contactless card' parts of 18092 to ensure consistency.

WG1 is working with WG8 on the development of the physical characteristics of various Contactless IC cards standards. WG1 also has liaisons with WG3/TF2 and CEN/TC224/WG15 on Card Service Life (ISO/IEC 24789). This type of cooperation is becoming more important as the scope of products/applications becomes wider, and crosses fomer distinct borders that are no longer applicable.

Global Platform an industry organization committed to developing an "open and interoperable infrastructure for smart cards" is a Category C liaison member of SC17/WG4. WG4 now fully recognises such platforms and is able to meet the needs of the many application providers.

SC17 continues to develop specific application standards when requested to do so. Currently, SC17 has two active application based working groups, WG3 on Machine Readable Travel Documents (MRTDs), e.g. Passports and Visas, and WG10 on Driver

Licences (DLs).

SC17 also monitors the work of ISO TC215 - Healthcare Informatics, which is applying many of SC17's standards to the development of cards in support of healthcare applications. SC17 is ready to assist ISO/TC215 if requested to do so.

2   PERIOD REVIEW

2.1   MARKET REQUIREMENTS

Physical characteristics and test methods
WG1 is addressing the need for cards with a life span longer than the usual 2-3 years via a new work item approved in July 2005 (ISO/IEC 24789) on Card Service Life. This will be developed as a two part standard with Part 1 addressing Application Profiles and Criteria and Part 2, Evaluation methods.

Machine readable travel documents
For some time now SC17 has been reporting to JTC1 on the work being done in WG3, in liaison with ICAO, to produce the ePassport. This work is a last coming to fruition with ICAO undertaking the last round of minor editing of ICAO Doc. 9303, prior to their standard being Fast Tracked into ISO. When approved, ISO/IEC 7501-1 will be published as a short form endorsement of specific parts of ICAO Doc 9303.

The ICAO specification calls for a mandatory Contactless IC Chip with recorded data governed by a Logical Data Structure (LDS) standard. It will be protected by a standardized security scheme based on PKI principles. Facial biometric is the mandatory data element for enabling machine assisted identity confirmation of the rightful holder of the ePassport. The addition of other biometrics is optional to the issuing state but these optional biometrics do not have to read by other receiving states.

A new version of Part 3 of ICAO Doc 9303, Machine Readable Official Travel Document, will follow almost immediately and be brought into ISO for adoption via short form endorsement in a new edition of ISO/IEC 7501-3.

Over the last two or three years, eMRP issuers and equipment vendors have been holding regular testing events to evaluate the interoperability of readers and cards (contactless chips). This testing has been invaluable and has proved successful in identifying problems and allowing the manufacturers to pool knowledge enabling the problems to be resolved.

Integrated circuit cards with contacts
WG4 is developing a 5-part standard (ISO/IEC 24727) addressing Programming Interfaces for Integrated circuit cards. This work was inspired by the US Government's GSC-IS and has attracted considerable interest.

Contactless ICCs
Contactless card technology is much in demand. Its success in rapid transit ticketing applications and for next generation passports has led to major growth also in the payments arena where contactless technology is being used for low-value payments at convenience stores, petrol stations, fast food restaurants etc. This growth is expected to continue and become a major application area.

There is no physical reason why the 'card' element of a contactless transaction has in fact to be constrained by the formal ID-1 card form-factor. WG8 is planning to work on form-factor free options for both proximity cards (ISO/IEC 14443) and vicinity cards (ISO/IEC 15693).

WG8 is also working with WG1 (Physical characteristics and test methods) on limited use cards. ISO/IEC 15457 developed by WG1 is the standard for thin flexible cards (e.g. tickets) but these are now being developed as contactless cards and thus WG8 is working on the contactless technology and antenna and WG1 on the associated physical characteristics and test methods.

2.2   ACHIEVEMENTS

Seven NPs have been balloted over the past 12 months. Four concern the work of WG4,and one each for WGs, 1, 8 and 10.

Other notable achievements are as follows:

WG1 – physical characteristics and test methods
SC17 has published on its web site, a "Summary of SC17 Standards". The document gives an overview of SC17 standards and test methods as well as summarising the process for development and revision of such standards. It also sets out the structure of SC17, ID card and document sizes, common terms used and the scopes of all SC17 standards. The document, developed and maintained by WG1, has proved extremely useful both as an information and publicity document.

WG1 has a particularly heavy workload at this time. The standard for magnetic stripes on savings books (ISO 8484) transferred to SC17 from ISO/TC68 will be ready for FDIS ballot during this reporting period, as will the new Part 8 of ISO/IEC 7811, which addresses 650 Oersted magnetic stripes. Also in the ISO/IEC 7811 series, a new Part 9 for a Tactile Identification Mark (TIM) was approved.

In the ISO/IEC 10373 series, WG1 is responsible for Parts 1 (General characteristics) and 2 (Magnetic stripe technologies) both of which have been undergoing revision and were re-published during this reporting period.

Regarding the ISO/IEC 15457 standards for thin flexible cards, Part 2 (Magnetic recording techniques) will undergo FDIS ballot and Part 3, (Test methods) will undergo CD ballot.

A new work item was approved last year for a two-part standard on card service life (ISO/IEC 24789). Both parts are expected to reach CD ballot before the end of this reporting period.

WG3 – Machine readable travel documents
As stated in 2.1 above, the work of WG3 is mainly taking place in conjunction with ICAO, revising their document (ICAO Doc. 9303) so that it can be endorsed by ISO at a later date. Specific parts of ICAO Doc. 9303 relating to the machine readable passport should undergo Fast Track ballot by the end of this reporting period and result in a new Short Form Endorsement ISO/IEC 7501-1.

WG4 – Integrated circuit cards with contacts
WG4 deals with two main families of standards – ISO/IEC 7816 and ISO/IEC 24727.

Regarding ISO/IEC 7816 – Integrated circuit cards, the reorganization of the whole series to make it more user friendly and logical is almost complete. Parts 4, 5, 8 and 9 are now fully complete. Part 2 will reach FCD ballot, Part 3 publication and Part 13, FDIS by end-October 2006. Amendments to Parts 3, 4 and 15 are also being undertaken.

Parts 1 and 2 of ISO/IEC 24727 (Programming interface architecture and Generic card edge) will reach FDIS level by the end of this reporting period. Part 3 (Application interface) will

reach FCD and the newly approved Parts 4 (API administration) and 5 (Testing) will reach WD.

WG5 – Registration Management Group
WG5 has been revising both parts of the standard for Issuer Identification Numbers (ISO/IEC 7812). The FDIS ballot for Part 1 (Numbering system) will be closed by the end of the reporting period and Part 2 will have been submitted to ISO for FDIS ballot.

WG7 – Financial Transaction Cards
Both ISO/IEC 7813, Data content of the Magnetic Stripe Tracks 1 and 2, and ISO/IEC 4909 – Data content for Track 3, will be published before the end of this reporting period.

WG8 - Contactless Card Standards
ISO/IEC 10373-6 – the test methods standard for contactless IC cards was published in 2001. Six Amendments to the standard are in various stages of development, with Amendments 3 (Protocol test methods for proximity coupling devices) and 4 (Additional test methods for PCD RF interface and PICC alternating field exposure) being published during this reporting period. The six Amendments will be incorporated into the main text as and when they are published or sufficiently stable. At its plenary meeting in 2005 SC17 agreed by Resolution that new a new edition of ISO/IEC 10373-6 should be developed and that WG8 could start the work once the Amendments were at suitable stages. The job of revising ISO/IEC 10373-6 will thus take some considerable time since the last Amendment to ISO/IEC 10373-6 (Amendment 6) is not due to be published until 2008.

Various amendments are also being developed to both ISO/IEC 14443 (proximity cards) and ISO/IEC 15693 (vicinity cards). Regarding the proximity card standard, Amendment 3 to Part 3 and Amendment 1 to Part 4 both on Handling of reserved fields and values, were published during the reporting period. Once the Amendments are suitably stable, they will be incorporated into the main body of the relevant standards. Approval to revise the base standards was given at the 2005 SC17 plenary meeting by Resolution but again this work may not start for some time.

In addition ISO/IEC 15693-2 – Air interface and initialization, is being re-published under the Minor Revisions procedure.

WG9 – Optical memory cards
WG9 has again had a very productive year with the publication of ISO/IEC 10373-5 – Test methods for optical memory cards, ISO/IEC 11693 – Optical memory cards, ISO/IEC 11694, Optical memory cards – Linear recording method, Part 5 – Data format for interchange and Part 6, Use of biometrics on Optical Memory cards.

WG10 – Motor vehicle Drivers Licence and Related Documents
During this current reporting period ISO/IEC 18013-2 (Machine readable technologies) has been balloted as a FCD. An NP was approved for Part 3 (Authenticity and integrity verification) and a WD draft for Part 3 will have been developed by the end of this reporting period.

WG11 – Match on-card
At its plenary meeting in October 2005, SC17 instructed WG4 and WG11 to hold a joint meeting and from that meeting make a recommendation to SC17 on how the work on "Match on-card" (ISO/IEC 24787) should be divided between WG4 and WG11. The joint meeting was held in early 2006. A strategy for development of the standard and a method of co-operative working between the two group was established. WG11 is now clear to start the long-delayed work and will have a Working Draft text ready by the end of this reporting period.

2.3   RESOURCES

SC17 plenary and working group meetings are well attended with Project Editors appointed as NWIs are approved and assigned to their respective working group. WGs 1, 3, 4 and 8 are particularly active at the moment with several task forces meeting outside of the main working group meetings to progress individual work items

Provided SC17 continues to maintain a work programme relevant to the needs of the industry it is not generally anticipated that there will be any difficulty regarding either participation or resources.

2.4   PARTICIPATION METRICS

In 2005, 15 P-members attended the SC17 plenary meeting held in the Republic of South Africa.   This is fairly typical participation in meetings at the SC level, however, additional P-members from other P-member bodies regularly attend working group meetings.

The 50% criteria for postal ballots has not yet caused any problems for SC17, though there is a small number of P-members that consistently do not vote and do not attend meetings. P-members that do not vote because of a lack of expertise have been encouraged to make use of the "Abstention" option and this has proved helpful.

3.   FOCUS FOR THIS PLANNING PERIOD

The full list of deliverables to October 2007 can be found in N 3074 (http://www.sc17.com). Set out below are the targets for each working group.

WG1
WG1 has a heavy work-load but is expected to make good progress during the next reporting period. ISO/IEC 8484 – Magnetic stripes on savings books, ISO/IEC 7811-8 on 650 Oersted Magnetic stripes, the revision of ISO/IEC 15457 Thin Flexible Cards – Parts1, Physical characteristics and Part 2, Magnetic recording techniques, should all reach publication by the end of the next reporting period. A CD text is expected for the newly approved work item on ISO/IEC 7811-9 the Tactile Identification Mark (TIM). FCD texts for ISO/IEC 15457-3 and Parts 1 and 2 of ISO/IEC 24789, the new standard for Card Service Life should also be achieved.

WG3
The Fast Track procedure for short form endorsement of ICAO Doc. 9303 as a new edition of ISO/IEC 7501-1 (Machine readable passport) will be completed during the next reporting period and the Fast Track ballot for ISO/IEC 7501-3 (Official travel document) should be under way.

Work on the "Machine readable visa" (ISO/IEC 7501-2 and Part 2 of ICAO Doc 9303), which had been put on hold until work the work on Parts 1 and 3 was nearer completion should now progress.

WG4
As stated earlier, WG4 is nearing completion of its reorganization of the 7816 series of standards.   The revision of Part 2 – Dimensions and location of the contacts, Amendment 2 to Part 3 on Synchronized communication, Amendment 1 to Part 15, Examples of Integrated use with other ISO/IEC 7816 standards reaching FDIS ballot during the next reporting period.

ISO/IEC 7816-4/AM1 on the "Addition of the DeactivateRecord command" and Amendment 2 to Part 15 of ISO/IEC 7816 – Amendment for modifications and error corrections on ISO/IEC 7816 should both reach FCD ballot.

Work on 'Programming interfaces for IC cards', inspired by the US government's GSC-IS, is progressing well with Parts 1, 2 and 3 due for publication during the coming reporting period. The newly approved work items for Part 4, API Administration and Part 5, Testing should both reach FCD ballot.

The approved NP for a 'Secure and interoperable IC card transaction device' is expected to reach publication.

WG5
Revision of the IIN standard ISO/IEC 7816-12 Parts 1 and 2 are expected to reach publication. WG5 will continue with its normal Registration Management Group business.

WG8
Amendments 1 (Protocol test methods for proximity cards) and 5 (Bit rates for *fc/64 fc/32 and fc/16)* to ISO/IEC 10373-6, the test methods standard for proximity contactless IC cards, should reach publication during the coming period. Amendment 6 (Test Environment) should reach FDIS ballot.

Following a successful NP ballot, WG8 has an approved work item, which will address "Multiple PICCs in a single operating field". This will be developed as part of ISO/IEC 14443 but it has not yet been decided whether it will be a new part or an Amendment to an existing part. However, work on this standard is progressing and should reach CD ballot during the next reporting period.

The revision of ISO/IEC 14443-1 (Physical characteristics) should be completed during the next reporting period, as should Amendment 3 to ISO/IEC 14443 Parts 3 and 4 (Handling of reserved fields and values).

Regarding the vicinity cards standard (ISO/IEC 15693), the revisions of Parts 1 (Physical characteristics) and Part 3 (Protocols) will reach publication.

WG9
WG9 will commence the revision of Parts 3 and 4 of ISO/IEC 11694 following the 5-year reviews. A new work item for "Usability of holographic data storage technology for biometric data in Government Documents" is also being considered and may be balloted before the end of the reporting period.

WG10
Regarding ISO/IEC 18013, the standard for a Motor vehicle driving licence – Part 2, "Machine readable technologies" will reach publication and the newly approved Part 3, "Authenticity and integrity verification" will reach CD ballot.

WG11
The standard for "Match on-card" (ISO/IEC 24787) should reach CD ballot.

3.1 DELIVERABLES

Summarised below, in standard number within CD, FCD, FDIS and IS order, are each of the extant SC17 work items showing the status each is expected to achieve during the next reporting period (i.e. to October 2007). Precise target dates for each work item can be found in the accompanying document (N 3074).

CD	FCD	FDIS	IS	
7811-9	7501-3	7816-2	7501-1	15457-1
14443-X	7816-4/AM1	7816-3/AM2	7811-8	15457-2
18013-3	7816-15/AM2	7816-15/AM1	7812-1	15693-1
24787	15457-3	10373-6/AM6	7812-2	15693-3
	24727-4		7816-13	18013-2
	24727-5		8484	24727-1
	24789-1		10373-6/AM1	24727-2
	24789-2		10373-6/AM5	24727-3
			14443-1	24749-1

3.2   STRATEGIES

The work being undertaken in WG1 and WG8 on thin flexible cards and the collaboration between WG3, WG4 and WG8 on standardizing the Contactless IC Chip in the new ePassport are evidence of the cross-working group cooperation in SC17 and demonstrates SC17's ability to respond to rapidly changing technology solutions.

The introduction of a biometric-enabled passport (ePassport) underscores the success of a strategic direction embarked on by SC17 several years ago, one that is now expected to lead to additional similar initiatives in which other forms of identification documents and cards are upgraded using the contactless IC chip, logical data structure, security schema and mandatory biometric principles that were applied to realize the ePassport.

3.2.1 RISKS

SC17 still needs to prove it can respond to market needs in a timely fashion otherwise there are other organisations the market can turn to for standards, workshop agreements, consortia specifications etc. So far SC17 has managed to stay ahead of the game and intends to carry on doing so e.g. the work on limited use cards.

WG8 will need to revise its base standards to integrate the large number of Amendments that are currently being developed. SC17 approved the revision of the base standards by Resolution at its 2004 plenary meeting but it was noted that WG8 would not be able to start the work until work on the Amendments were sufficiently stable. These items have been put on the SC17 work programme but with a "hold" on their start dates, which will be notified by WG8 to SC17 as soon as WG8 is able to commence the work.

WG8 continues to liaise with SC6 on ISO/IEC 18092 Near Field Communication designed originally for the consumer electronics field but now being used in other areas such as telecommunications and payments. The two organisations work closely to avoid either technology interfering with the correct operation of the other such that the two technologies complement each other. This should to be hugely beneficial to both.

3.2.2 OPPORTUNITIES

As new players enter the card or personal identification markets, SC17 needs to ensure that standards are in place, which allow them to carry out their proposed business. SC17 must continue, therefore, to monitor developing markets and products and anticipate any new technologies that might have application to its area of competence.

3.3   WORK PROGRAMME PRIORITIES

SC17 standards are developed in parallel across the breadth of its working groups and whilst there is no clash of priorities, inter-related work items in different WGs often leads to the same experts having to attend different WGs. This leads to logistics considerations such as holding the WGs back-to-back, as sometimes happens with WGs 3 and 10, and the increased burden this can place upon hosts.

Following a Resolution in 2004, SC17 is still awaiting a NP from the International Labour Office (ILO) for a "Seafarers Identity Document" and is ready to start work on this as soon as such an NP is received, balloted and approved. Several communications have been made to the ILO to follow this up but no responses have been received. However, SC17 is still ready to assist should the need arise.