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ISO/IEC JTC1/SC17 2008-09-28
Cards and personal identification

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This document is a draft and is awaiting the contributions from WG3 and WG8.

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BUSINESS PLAN FOR JTC1/SC17 CARDS AND PERSONAL IDENTIFICATION

PERIOD COVERED: November 2008 – October 2009

SUBMITTED BY: Secretariat of SC17 Mr C I Starr

1.0 MANAGEMENT SUMMARY

1.1 CHAIRMANS REMARKS

1.2 JTC1/SC17 STATEMENT OF SCOPE

Standardization in the area of:

a) Identification and related documents,
b) Cards and devices associated with their use in inter-industry applications and International interchange.

1.3 PROJECT REPORT

The full SC17 work program 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 (N 3562).

1.4 CO-OPERATION AND COMPETITION

2.0 PERIOD REVIEW

2.1 MARKET REQUIREMENTS

Comments by individual Working Groups

WG1 PHYSICAL CHARACTERISTICS AND TEST METHODS FOR IDENTIFICATION CARDS

Magnetic Stripe Technology

Requirement: Magnetic stripe technology is widely in use for a long time now but still going strong. The market requires proper maintenance of the standards and the primary and secondary references.

Response: WG1 maintains the standards defining magnetic stripe technology and has recently supervised the transfer of the primary standards and the source for secondary standards from PTB in Germany to Q-Card in the US, following PTB's announcement that it can no longer host the primary standard and provide secondary reference cards.

Card reliability and durability

Requirement: Driven by both maturing of the classic card markets and an increasing number of applications with longer expected card life, the market requires standardized methods to assess the potential lifetime performance of different card construction.

Response: WG1 develops the standards 24789-1 and -2, containing test methods to assess the potential lifetime performance of card constructions and a framework of how to use the methods to determine the longevity of a card.

Structure of Standards, content of base standards ISO/IEC 7810 and ISO/IEC 10373-1

Requirement: Requirements on the physical aspects of a card were distributed over a group of standards within SC17's domain, creating some difficulty in maintenance and application. With the number of standards under SC17's control growing, the market needs some consolidation of the information.

Response: WG1 has started in close co-operation with WG4 and WG8 integrating various physical requirements and the related test methods into ISO/IEC 7810 and ISO/IEC 10373-1, published amendments to these standards and is now working on a further integration of such requirements into these standards.

Other technologies covered by WG1 standards

Requirement: The market requires standards to represent state-of-the-art and to address currently utilised technologies.

Response: WG1 regularly reviews the standards under its control and thanks to strong participation from the industry, continuously adjusts their content to reflect new experience from the field and foresees withdrawal of standards where technologies are not or no longer used.

WG4 - INTEGRATED CIRCUIT CARDS WITH CONTACTS

The main market requirements identified by the group may be summarized as follows:

- Standards to enhance the communication abilities of the card in order for the card:
  - To send/receive a large volume of data,
  - To support different communication channels.
- A standard card security architecture suitable for all the applications (mobile, payment, e-Identity).
- Increase the accessibility of card services to both application providers and cardholders by:
  - Using standard middleware,
  - Adapting the User Interface to cardholder personal needs.
- Enhance Privacy by protecting the confidentiality of the sensitive data sent or read out of the card.
- Develop testing methodologies for compliance checking with standard.

WG9 - OPTICAL MEMORY CARDS AND DEVICES

The primary application for optical memory is currently in the field of ‘Secure Identification’ within Government projects. The addressable worldwide market potential for these applications is in excess of $1Billion US.

WG10 - MOTOR VEHICLE DRIVER LICENCE AND RELATED DOCUMENTS

ISO/IEC 18013-1 is already being followed/referenced by a number of countries, including South Africa, Namibia and the United States.

ISO/IEC 18013-2 (as well ISO/IEC 18013-3, pending its publication) is known to be considered by a number of countries for implementation.

WG10 intends to address the requirements of interoperability testing with a new part of ISO/IEC 18013.

2.2 ACHIEVEMENTS

WG1 PHYSICAL CHARACTERISTICS AND TEST METHODS FOR IDENTIFICATION CARDS

WG1 made the following major achievements during the past year:

- Publishing of a standard for a tactile identifier on plastic cards, a Braille like marker allowing determining the orientation and the type of card.
- Completing work on card durability to ballot of first CD.
- Finalising amendments to 7810, consolidating physical requirements from various standards into 7810, the base standard for ID cards and the equivalent of test methods into 10373-1.
- Successful transfer of the primary references for magnetic stripes and establishing of a new source for secondary references after the original provider had stopped providing these.

WG4 - INTEGRATED CIRCUIT CARDS WITH CONTACTS

The following standards will have the IS status at the time of the SC17 meeting:

- ISO IEC 7816-15 amendment 1
- ISO IEC 7816-2
- ISO IEC 24727-1

WG9 - OPTICAL MEMORY CARDS AND DEVICES

During 2008 WG9 has published the following Standards 11694 Parts 3 and 4. WG9 is currently working on 11695 Parts 1, 2 and 3 which are at the FDIS stage scheduled close on October 13. 2008. WG9 is currently working on 11693 Part 2, the FCD stage closed on September 13 2008 and will now be submitted for FCD.

WG10 - MOTOR VEHICLE DRIVER LICENCE AND RELATED DOCUMENTS

ISO/IEC 18013-2 was published in May of 2008, and ISO/IEC 18013-3 was submitted for FDIS ballot in April of 2008. (As of the date of this report, ISO has however not yet published the ballot.)

2.3 RESOURCES

WG1 PHYSICAL CHARACTERISTICS AND TEST METHODS FOR IDENTIFICATION CARDS

Internationally renowned experts in the core areas participate regularly in the WG1 meetings. The level of expertise is outstanding and probably unique in this area in the card world.

WG1 relies heavily on two project editors doing the vast majority of the editing work. While, thanks to their substantial commitment, all the necessary work is being done, loss of either of these two would propose a substantial problem for WG1.

WG4 - INTEGRATED CIRCUIT CARDS WITH CONTACTS

There was a big involvement of editors and experts particularly due to an important workload. Till now, the replacement of editors has been made with no impact for the work.

WG9 - OPTICAL MEMORY CARDS AND DEVICES

WG9 has adequate international resources to complete all Standards currently under development.

WG10 - MOTOR VEHICLE DRIVER LICENCE AND RELATED DOCUMENTS

All formal WG10 positions are currently filled. Resource availability is commensurate with the work being undertaken.

2.4 ENVIROMENTAL ISSUES

No relevant to this Sub-Committee.

2.5 PARTICIPATION METRICS

WG1 PHYSICAL CHARACTERISTICS AND TEST METHODS FOR IDENTIFICATION CARDS

WG1 meetings are attended by approximately 20 to 25 experts from the following NBs and liaison organizations:

- NB
  - UK
  - Japan
  - USA
  - Germany
  - France
  - New Zealand
- Liaison
  - ICMA
  - MasterCard
  - VISA

WG4 - INTEGRATED CIRCUIT CARDS WITH CONTACTS

The participation metrics of National bodies for the last six meetings are the following ones:

Australia: 33%
France: 100%
Germany: 100%
Japan: 100%
Netherlands: 33%
Singapore: 16%
Sweden: 16%

UK: 83%
USA: 100%
JTC1/SC27: 16%
Global Platform: 33%
MasterCard: 33%

WG9 - OPTICAL MEMORY CARDS AND DEVICES

WG9 is actively supported by up to seven National Bodies attending WG meetings. In the latest ballot 27 National bodies voted with 14 abstentions and 13 voting positively to approve the draft standard.

WG10 - MOTOR VEHICLE DRIVER LICENCE AND RELATED DOCUMENTS

Country	Meeting		
	Port Elizabeth, November 2007	Swakopmund, February 2008	Athens, June 2008
France	1		1
Germany	1	1	2
Greece	1	1	2
Japan	4	3	4
Namibia	2 (observers)	2 (observers)	
South Africa	1	1	1
Switzerland	1	1	
United Kingdom	2	2	2
United States	1	1	1

All SC17 Ballots have achieved over the required 50% of participating P-members.

3.0 FOCUS NEXT WORK PERIOD

WG1 PHYSICAL CHARACTERISTICS AND TEST METHODS FOR IDENTIFICATION CARDS

ISO/IEC 7810

Due to significant input from the requirements from other standards and new methods and considerations WG1 has started working on a new revision of 7810 a little early in its revision cycle. WG1 expects to send a CD out for ballot at the end of the upcoming business period.

ISO/IEC 7811-1 and 7811-2

Both standards are due for regular review and should result in a CD ballot during the upcoming business period.

10373-1

Though this standard has been published in 2006, caused by the influx of methods from other standards in correlation with the restructuring of the physical requirements for cards and intense development in the industry of new methods, WG1 will have to continue working on this standard during the upcoming business period and publish the results through amendments of the standard, though an early revision might be advisable.

24789-1 and -2

These two standards are related to the durability and longevity of cards and will have completed first CD ballot at the beginning of the upcoming business period.

WG1 expects the need for a second CD ballot as a result of this first one. Hence, it anticipates to deliver a second CD for both documents, during the upcoming business period and possibly a FCD ballot near the end of the business period.

WG4 - INTEGRATED CIRCUIT CARDS WITH CONTACTS

The following standards will have the IS status before the end of the next work period:

- ISO IEC 7816-4 amendment 1
- ISO IEC 7816-15 amendment 2
- ISO IEC 10373-3
- ISO IEC 24727-2
- ISO IEC 24727-3
- ISO IEC 24727-4

WG9 - OPTICAL MEMORY CARDS AND DEVICES

The following standards will have achieved the following progress before the end of the next reporting period:

11695 Parts 1, 2 and 3 due to close FDIS in October 2008, the publication is anticipated during 2009 work period.
11695 Part 4 will be progressed during the 2009 work period
11693 Part 2 will be submitted for FDIS during the 2009 work period.

WG10 - MOTOR VEHICLE DRIVER LICENCE AND RELATED DOCUMENTS

Pending the outcome of the FDIS ballot on ISO/IEC 18013-3, it is planned to publish this standard in 2009.

Work has started on two other initiatives:

- A test method for mechanisms defined in ISO/IEC 18013-3.
- A corrigendum on ISO/IEC 18013-1 to reflect recent changes in European Union legislation (in particular vehicle category and driver restriction codes).

It is anticipated that the corrigendum will be completed in 2009, and that a CD for test methods will be published in 2009.

3.2 STRATEGIES

WG4 - INTEGRATED CIRCUIT CARDS WITH CONTACTS

The main topics which have been identified are:

- To standardize mechanisms taking into account the business and functional requirements of different industries and enabling the issuance of new card platforms providing multi-services (eg. Mobile Payment).
- To stress the communication activities of WG4 to improve the knowledge of the standards and facilitate endorsement by users (Governments, Banks, Telecommunication Operators).
- To further enhance the collaboration with application-oriented technical committees and standardization by promoting the creation of active liaisons to avoid duplication of work or inconsistent specifications.

WG9 - OPTICAL MEMORY CARDS AND DEVICES

WG9 is an active Working Group and as optical technologies develop it is anticipated further Standards will be generated in response to market requirements.

3.2.1 RISKS

WG1 PHYSICAL CHARACTERISTICS AND TEST METHODS FOR IDENTIFICATION CARDS

Bringing a standard about card durability in the nearer future is of high importance to the market. Delaying this too long would cause too many proprietary solutions to develop.

No other obvious risks exist.

WG4 - INTEGRATED CIRCUIT CARDS WITH CONTACTS

To cope with market requirements implies a substantial effort to upgrade the existing standards requiring resources not available in WG4. The lifecycle of the standard process is longer than lifecycle of the technology. The multiplicity of standardisation initiatives makes it difficult the cross sector approach of WG4.

WG9 - OPTICAL MEMORY CARDS AND DEVICES

None perceived at this time.

WG10 - MOTOR VEHICLE DRIVER LICENCE AND RELATED DOCUMENTS

No immediate risks are known at this time.

3.2.2 OPPORTUNITES

WG1 PHYSICAL CHARACTERISTICS AND TEST METHODS FOR IDENTIFICATION CARDS

Consolidating the physical requirements and corresponding test methods into the Identification Cards base standard 7810 and the corresponding test method standard 10373-1 provides a good chance to create a comprehensive physical base standard, thus easing use of the family of standards about Identification Cards.

WG1 has a unique collection of experts on durability issues in the card industry now. Bringing out usable standards now could be of massive benefit to the market and also to establish SC17 and WG1 as competencies in this area.

WG4 - INTEGRATED CIRCUIT CARDS WITH CONTACTS

The standardization activity is recognised as the key issue for the deployment of new e-services. The card security architecture and mechanisms defined by ISO/IEC 7816 are increasingly adopted by different industries .The new middleware standard ISO/IEC 24727 shall facilitate the access to security services provided by the card by external client applications.

WG9 - OPTICAL MEMORY CARDS AND DEVICES

Significant – optical technology has positioned itself to deliver 'Secure ID' in response to evolving international requirements.

WG10 - MOTOR VEHICLE DRIVER LICENCE AND RELATED DOCUMENTS

The recent publication of ISO/IEC 18013-2 is seen as an ideal opportunity to increase the awareness of driver license administrators worldwide about the benefits that can be derived from ISO/IEC 18013. Actions are under way to distribute related material to driver license administrators.

3.3 WORK PROGRAMME PRIORITIES

WG1 PHYSICAL CHARACTERISTICS AND TEST METHODS FOR IDENTIFICATION CARDS

During the next business period WG1 will primarily focus on two objectives:

- finalising the standards on Card Durability
- Amending and updating the physical base standard as well as the related test method standard through incorporating the amendments and working on additional test methods.

WG4 - INTEGRATED CIRCUIT CARDS WITH CONTACTS

The three main priorities for 2009 are:

- Collect the market and technological trends of the smart card industry in order to initiate the revision of ISO/IEC 7816, especially 7816-4.
- Complete the ISO/IEC 24727.
- Publish a complete set of testing-oriented standards.

WG9 - OPTICAL MEMORY CARDS AND DEVICES

WG9 is focused on the further development of a series of ISO Standards ahead of commercial implementation of optical memory applications.

WG10 - MOTOR VEHICLE DRIVER LICENCE AND RELATED DOCUMENTS

The priorities of WG10 for the next year are as follow:

- Complete a corrigendum on ISO/IEC 18013-1 to reflect recent changes in European Union legislation (in particular vehicle category and driver restriction codes.
- Commence with work on test methods for mechanisms defined in ISO/IEC 18013-3.

ISO/IEC JTC1/SC17 2008-09-23
Cards and personal identification

ISO/IEC JTC1/SC17 N 3562

DOCUMENT TYPE: Work Program

TITLE: Work Program: ISO/IEC JTC1/SC17 WORK PROGRAM INCLUDING PUBLISHED STANDARDS AND TARGET DATE SUMMARY FOR ALL ACTIVE WORK ITEMS.

BACKWARD POINTER: N 3319

SOURCE: SECRETARIAT ISO/IEC JTC1/SC17

STATUS: SC17 Work Programme as at 2008-09-23. For review at the SC17 Plenary under agenda item 9 c. Convenors please check the projected project dates. If any are not attainable in the time remaining, please provide a revised timetable to the SC17 secretariat for inclusion in the Business Plan.

Two changes to the presentation of the Work Program have been made. Firstly the ISO Project number has been included to allow easy look up using the ISO Project Portal. Secondly, the actual project stage has been added to give a better view of where the project is in the progress towards publication. Previously only reporting stage dates have been noted. A key to the stage number has been added to the end of the Work Program.

ACTION ID: FYI

WORK ITEM:

DUE DATE:

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ISO/IEC JTC1/SC17 WORK PROGRAM INCLUDING PUBLISHED STANDARDS AND TARGET DATE SUMMARY FOR ALL ACTIVE WORK ITEMS

(TARGET) **/ACTUAL**
ACTUAL (Date sent for Ballot/Published)

SC17 PROJECT NUMBER	STANDARD NUMBER	TITLE	PROJECT EDITOR	ISO PROJECT NUMBER	NWI	WD	CD	FCD	FDIS (Date sent to ISO)	Publication	Project Stage
WG1		**Physical Characteristics and Test Methods**									
1.17.7	ISO 8484	Identification cards - Magnetic stripes on savings books		15691						**87.07**	95.99
1.17.7	Revision of ISO 8484	Identification cards - Magnetic stripes of savings books	Denny Warwick (USA)	39700	**3.1**	**-**	-	**05.03** **06.02**	**06.10**	**07.07**	60.60
1.17.02.01	ISO/IEC 7810	Identification cards - Physical characteristics	Dieter Völkel (Germany)	14715			**91.05**		**92.03**	**95.07**	95.99
				31432	**97.1**	**98.04**	**99.06** **01.03**	**99.11** **01.06** **01.11** **02.06**	**00.10** **02.11** **03.02**	**03.11**	90.92
	ISO/IEC 7810	Identification cards - Physical characteristics - NWIP		43889	**07.03**		*(08.03)*	*(08.09)*	*(09.09)*	*(10.03)*	(10.99)
1.17.32.1	ISO/IEC 7810/AM1	Identification Cards – Physical Characteristics Amendment 1: Criteria for Cards containing IC's.	Denny Warwick (USA)	46562					**06.10**		40.99
1.17.32.2	ISO/IEC 7810/AM2	Identification cards – Physical characteristics – Amendment 2: Sizes and locations of a finger print sensor and a display on a card	Denny Warwick (USA)		**02.04**	**This work item is currently on hold awaiting technical contributions.**					
1.17.02.02	ISO/IEC 7811-1	Identification cards - Recording technique – Part 1: Embossing.	Dieter Völkel (Germany)	14716						**1985**	95.99
				14717			**91.05**		**92.03**	**95.07**	95.99
				31433	**97.1**	**98.04** **99.06**	**99.11**	**00.06**	**02.03**	**02.09**	90.93
1.17.02.03	ISO/IEC 7811-2	Identification cards - Recording technique - Part 2: Magnetic stripe – Low Coercivity	Denny Warwick (USA)	14718						**1985**	95.99
				14719			**91.05**		**92.03**	**95.07**	95.99
				31440	**97.1**	**98.04**	**99.06**	**99.11**	**00.07**	**01.02**	90.60
1.17.14	ISO/IEC 7811-6	Identification cards - Recording technique – Part 6: Magnetic stripe - High coercivity	Denny Warwick (USA)	1596	**90.09**	**93.1**	**94.06**		**95.02**	**96.04**	95.99
				33228						**01.02**	95.99
1.17.14.1	ISO/IEC 7811-6/AM1	Identification cards - Recording technique – Part 6: Magnetic stripe - High coercivity – Amendment 1: Ui6 – Criteria and test method	Denny Warwick (USA)	39596	**03.06**	**03.06**	**03.06**	**04.02**	**05.03**	**05.10**	95.99
1.17.29	ISO/IEC 7811-7	Identification cards - Recording technique - Part 7: Magnetic stripe - High coercivity, high density	Denny Warwick (USA)	34382	**00.09**	**01.10**	**01.10**	**03.05**	**03.12**	**04.07**	60.60

SC17 PROJECT NUMBER	STANDARD NUMBER	TITLE	PROJECT EDITOR	ISO PROJECT NUMBER	NWI	WD	CD	FCD	FDIS (Date sent to ISO)	Publication	Project Stage
1.17.41	ISO/IEC 7811-8	Identification cards - Recording technique – Part 8: Magnetic stripes – Coercivity of 51,7 kA/m (650 Oe)	Denny Warwick (USA)	42205	**05.03**	**06.03**	-	**06.05**	**06.10 07.06**	**08.02**	60.60
1.17.48	ISO/IEC 7811-9	Identification cards - Recording technique – Part 9: Tactile Identification Mark (TIM)		46200	**6.02**	*(06.12)*	**07.01**	**07.04**	**08.01**	**08.05**	60.60
1.17.2.1	ISO/IEC 10373-1	Identification cards - Test methods - Part 1: General characteristics tests	Mr S Brunt (UK)	30164	**94.11**	**96.1**	**96.12**		**97.12**	**98.12**	95.99
				40682	**00.12**	**02.10**	**04.04**	**05.05**	**05.11**	**06.05**	60.60
1.17.2.2	ISO/IEC 10373-2	Identification cards - Test methods - Part 2: Magnetic stripe technologies	Mr S Brunt (UK)	30162	**94.11**	**96.1**	**96.12**		**97.12**	**98.12**	95.99
				39497	**00.12**	**02.10**	**03.08**	**05.01**	**05.11**	**06.04**	60.60
1.17.22.1	ISO/IEC 15457-1	Identification cards - Thin flexible cards - Part 1: Physical characteristics	Mr S Brunt (UK)	27700	**97.07**	**98.06**	**0.07**	**00.11**	**01. 07**	**01.10**	95.99
1.17.22.1 1.17.39	Revision of ISO/IEC 15457-1	Identification cards - Thin flexible cards - Part 1: Physical characteristics **WG1 is Working jointly with WG8 on this item for limited use cards**	Mr S Brunt (UK)	50149	**04.10**	**05.03**	**05.07**	**06.11**	**07.08**	**08.02**	60.60
1.17.22.2	ISO/IEC 15457-2	Identification cards - Thin flexible cards - Part 2: Magnetic recording techniques	Mr S Brunt (UK)	29485	**97.07**	**98.06**	**00.07**	**00.11**	**01. 07**	**01.11**	95.99
1.17.22.2	Revision of ISO/IEC 15457-2	Identification cards - Thin flexible cards - Part 2: Magnetic recording techniques	Mr S Brunt (UK)	41839	**05.10**			**05.11**	**07.02**	**07.06**	60.60
1.17.22.2.1	DCOR1 to 2001 edition	Identification cards - Thin flexible cards - Part 2: Magnetic recording techniques	Mr S Brunt (UK)	40203	**03.05**	**03.05**	**03.05**	-	-	**04.01**	30.98
1.17.22.3	ISO/IEC 15457-3	Identification cards - Thin flexible cards - Part 3: Test Methods.	Mr S Brunt (UK)	31416	**97.07**	**98.12**	**00.12**	**01.04**	**01.11**	**02.06**	95.99
1.17.22.3	Revision of ISO/IEC 15457-3	Identification cards - Thin flexible cards - Part 3: Test Methods.	Mr S Brunt (UK)	43890	**05.10**	**06.06**	*(06.10)?*	**06.11**	**07.08**	**08.02**	60.60
1.17.34	**Information Document published on the**	Technical Report Personal identification – Guidance for role and relationship of SC17 Documents	Mr Denny Warwick (USA)		**03.03**	**04.10**	**05.04**	-	**05.04**	**05.04 on SC17 web site**	
1.17.43.1	ISO/IEC 24789-1	Identification cards – Cards service life - Part 1: Application profiles and criteria	To be advised	50564	**05.07**	**05.10**	**08.05**	*(09.11)*	*(10.05)*	*(10.11)*	30.60
1.17.43.2	ISO/IEC 24789-2	Identification cards – Cards service life - Part 2: Evaluation methods	To be advised	41559	**05.07**	**05.10**	**08.05**	*(09.11)*	*(10.05)*	*(10.11)*	30.60
WG3		**Machine Readable Travel Documents**									
1.17.9 1.17.21.1	ISO/IEC 7501-1	Identification cards - Machine readable travel documents - Part 1: Machine readable passport.	Mr F J Shaw (Canada)	14263	**87.12**	·	·		**90.09**	**91.12**	95.99
				22831						**93.12**	95.99
				29073						**97.04**	95.99
				42766						**05.10**	95.99
				45562	**05.10**			*(06.10) Fast Track*	**DIS 07.02**	**08.08**	60.60
1.17.15	ISO/IEC 7501-2	Identification cards - Machine readable travel documents - Part 2: Machine readable visas	Mr J F Shaw (Canada)	21081	**91.03**				**92.04**	**95.12**	95.99
				29074						**97.04**	90.93

SC17 PROJECT NUMBER	STANDARD NUMBER	TITLE	PROJECT EDITOR	ISO PROJECT NUMBER	NWI	WD	CD	FCD	FDIS (Date sent to ISO)	Publication	Project Stage
1.17.18 1.17.21.3	ISO/IEC 7501-3	Identification cards - Machine readable travel documents - Part 3: Official travel documents	Mr J F Shaw (Canada)	24709	**93.05**				**96.01**	**97.04**	95.99
				42771						**05.10**	90.92
1.17.18 1.17.21.3	Revision of ISO/IEC 7501-3	Identification cards - Machine readable travel documents - Part 3: Official travel documents	Mr J F Shaw (Canada)		**05.10**			*(07.10)* *Fast track*		*(08.10)*	
WG4		**Integrated Circuit Cards with Contacts**									
1.17.8.1	ISO/IEC 7816-1	Identification cards - Integrated circuit cards - Part 1: Cards with contacts: Physical characteristics.	Mr R Beltrando (France)	14732						**87.07**	95.99
				29257						**98.1**	90.93
1.17.27	ISO/IEC 7816-1/AM1	Identification cards - Integrated circuit cards - Part 1: Cards with contacts: Physical characteristics – AM1: Maximum height of the IC contact surface	Mr R Beltrando (France)	34360	**00.04**	**00.09**	**00.10**	**02.01**	**02.09** **03.05**	**03.11**	60.60
1.17.8.2	ISO/IEC 7816-2	Identification cards - Integrated circuit cards - Part 2: Cards with contacts: Dimensions and location of the contacts		14733						**88.05**	95.99
				26536						**99.03**	95.99
1.17.8.2	Revision of ISO/IEC 7816-2	Identification cards - Integrated circuit cards - Part 2: Cards with contacts: Dimensions and location of the contacts		45989	**05.02**	**05.10**	**05.11** **06.04**	**06.10**	**07.06**	**07.10**	60.60
1.17.29	ISO/IEC 7816-2/AM1	Identification cards - Integrated circuit cards - Part 2: Cards with contacts: Dimensions and location of the contacts - AM1: Assignment of contacts C4 and C8	Steffen Drews (Germany)	36576	**01.07**	**01.06**	**01.11**	**02.09**	**03.12**	**04.06**	95.99
1.17.8.3	ISO/IEC 7816-3	Identification cards - Integrated circuit cards - Part 3: Cards with contacts: Electronic signals and transmission protocols.	L Guillou (France)	14734						**89.1**	95.99
				14735						**97.12**	95.99
1.17.8.3	Revision of ISO/IEC 7816-3 (will include Amendment 1)	Identification cards - Integrated circuit cards - Part 3: Cards with contacts: Electronic interface and transmission protocols.	L Guillou (France)	38770	**03.03**	**03.04**	**03.04** **04.02**	**04.12** **05.09**	**06.04**	**06.11**	60.60
1.17.23	ISO/IEC 7816-3/AM1 (Will be included in the revision of Part 3)	Identification cards - Integrated circuit cards –Part 3: Cards with contacts: Electronic signals and transmission protocols – AM1 - Electrical characteristics and class indication for integrated circuit(s) cards operating at 5 v, 3 v and 1,8 v	Mr S Drews (GermanY)		**97.09**	**00.09**	**00.09**	**01.06**	**01.11**	**02.06**	
1.17.23.1	ISO/IEC 7816-3/AM2	Identification cards - Integrated circuit cards –Part 3: Cards with contacts: Electronic signals and transmission protocols – AM2 – Synchronized communication	Mr R Hollfelder (Germany)		**04.10** **(48 months)**	**05.10**	*(07.03)*	*(07.10)*	*(08.06)*	*(08.10)*	
1.17.8.4	ISO/IEC 7816-4	Identification cards - Integrated circuit cards - Part 4: Organization, security and commands	Mr L Guillou (France)	14738	**89.1**	**92.1**	**92.1**		**94.09**	**95.09**	95.99

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		for interchange		36134	**99.11**	**01.03**	**02.01** **02.07**	**03.01** **03.09**	**04.06**	**05.01**	60.60
1.17.47	ISO/IEC 7816-4:2005/AM1	Identification cards - Integrated circuit cards: Part 4: Organization, security and commands for interchange – Amendment 1: Addition of the DEACTIVATE RECORD command	To be advised	46543	**6.01**	*(07.01)*	**06.10**	**07.09**	**08.04**	*(10.02)*	60.00
1.17.50	ISO/IEC 7816-4	Identification cards - Integrated circuit cards: Part 4: Organization, security and commands for interchange – Amendment 2		52499	**08.05**						10.60
1.17.13	ISO/IEC 7816-5	Identification cards - Integrated circuit cards: Part 5: Registration of applications providers	Mr R Lozach (France)	19980	**90.02**	**91.09**	**91.12**		**92.09**	**94.06**	95.99
				34259	**99.1**	**00.03**	**00.08**	**01.06** **03.01**	**03.11** **04.05**	**04.12**	60.60
1.17.8.6	ISO/IEC 7816-6	Identification cards - Integrated circuit cards - Part 6: Interindustry Data Elements	Mr J Riddell (UK)	24183	**92.1**	**93.1**	**94.07**		**95.03**	**96.05**	95.99
				38780	**01.01**	**02.02**	**02.01**	**02.07** **03.01**	**03.12**	**04.05**	60.60
1.17.8.6	ISO/IEC 7816-6/DCOR1	Identification cards - Integrated circuit cards - Part 6: Interindustry Data Elements – DCOR1	Mr J Riddell (UK)	29700	**05.10**			**05.11**		**06.06**	95.99
1.17.19	ISO/IEC 7816-7	Identification cards - Integrated circuit cards - Part 7: Interindustry commands for Structured Card Query Language (SCQL) (Proposed new title for Part 7: SCQL)	Mr B Struif (Germany)	28869	**94.03**	**96.06**	**96.08**		**97.02**	**99.03**	90.93
1.17.20	ISO/IEC 7816-8	Identification cards - Integrated circuit cards - Part 8: Security architecture and related interindustry commands	Mr J Riddell (UK)	30194	**94.03**	**96.12**	**97.01** **97.07**	**98.01**	**98.12**	**99.1**	95.99
				37989	**02.04**	**02.01**	**02.01**	**03.01**	**03.12**	**04.06**	60.60
1.17.20.1	ISO/IEC 7816-9	Identification cards - Integrated circuit cards - Part 9: Enhanced interindustry commands	Mr J Riddell (UK)	31035	**96.1**	**97.12**	**98.04** **98.12**	**99.06**	**0.03**	**0.09**	95.99
				37990	**01.10**	**02.01**	**02.01**	**03.01**	**03.12**	**04.06**	60.60
1.17.8.10	ISO/IEC 7816-10	Identification cards - Integrated circuit cards Part 10: Cards with contacts: Electronic signals and answer to reset for synchronous cards (Proposed new title for Part 10: Electrical Interface for synchronous cards)	Mr B Struif (Germany)	30558	**95.12**	**96.08**	**96.08** **97.06**	**98.09**	**99.05**	**99.11**	90.93
1.17.25	ISO/IEC 7816-11	Identification cards - Integrated circuit cards – Part 11: Personal verification through biometric methods	Mr B Struif (Germany)	31419	**99.06**	**0.08**	**0.12**	**2.07**	**4.01**	**4.03**	90.60
	(Formerly ISO/IEC NP 18020)						**01.10**				

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1.17.30	ISO/IEC 7816-12 (Formerly ISO/IEC NP 18020)	Identification cards – Integrated circuit cards – Part 12: Cards with contacts: USB electrical Interface and operating procedures	Mr S Drews (GermanY)	40604	**01.10**	**01.10**	**03.12**	**04.05**	**05.01**	**05.10**	60.60
1.17.30.1	ISO/IEC 7816-12/Amd 1	Identification cards – Integrated circuit cards – Part 12: Cards with contacts: USB electrical Interface and operating procedures			**04.08**						
1.17.37	ISO/IEC 7816-13	Identification cards – Integrated circuit cards – Part 13: Commands for application management in multi application environment	Dr Masuyoshi Yachida (Japan)	40605	**04.03**	**05.03**	**05.05** **05.10**	**06.04**	**06.10**	**07.03**	60.60
1.17.26	ISO/IEC 7816-15 (Formerly ISO/IEC NP 18027)	Identification cards – Integrated circuit cards with contacts – Part 15: Cryptographic information application	Mr M Nystrom (Sweden)		**00.02**	**00.10**	**00.12** **01.08**	**02.04**	**03.02**	**04.01**	
1.17.	ISO/IEC 7816-15 COR 1	Identification cards – Integrated circuit cards with contacts – Part 15: Cryptographic information application – COR1: Changes to Clause 8.2.17 CommonDataContainerObjectAttribute		40743	**03.10**			**04.01**		**04.07**	60.60
1.17.42	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	Mr M Nystrom (Sweden)	40441	**05.01**	**05.09**	**05.09**	**06.08**	**07.07**	**07.11**	60.60
1.17.45	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.	Mr M Nystrom (Sweden)		**05.11**	*(06.11)*	**06.06**	**07.09**	*(08.03)*	*(08.09)*	
1.17.2.3	ISO/IEC 10373-3	Identification cards – Test methods - Integrated circuit cards – Part 3: Integrated circuit(s) cards with contacts	Mr U Truggelmann (UK)	31083	**94.11**	**96.1**	**96.12** **98.08** **99.08**	**99.12**	**00.08**	**01.02**	90.92
1.17.2.3.	ISO/IEC (Revision) 10373-3	Identification cards - Test methods - Integrated circuit cards - Part 3: Integrated circuit card(s) with contacts				**07.07**	**07.05**	**08.01**	*(08.11)*	*(09.05)*	
1.17.28	ISO/IEC 20060	Information technology – Open terminal architecture (OTA) specification - Virtual machine specification	Mr M Kamers (MasterCard)	34069	**00.04**	-	-		**00.05** **Fast Track**	**01.10**	90.60
1.17.35.1	ISO/IEC 24727-1	Identification Cards – Programming Interfaces for Integrated Circuit Cards – Part 1: Programming interface architecture	Gerald Smith (USA)	38837	**04.03**	**05.01**	**05.01** **05.07**	**05.11**	**06.06**	**07.02**	60.60
1.17.35.2	ISO/IEC 24727-2	Identification Cards – Programming Interfaces for Integrated Circuit Cards – Part 2: Generic card edge	Scott Guthery (USA)	43308	**04.03**	**05.03**	**05.05**	**05.11** **06.08**	**08.06**	*(09.05)*	60.00

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1.17.35.3	ISO/IEC 24727-3	Identification Cards – Programming Interfaces for Integrated Circuit Cards – Part 3: Application interface	Mike Neumann (USA)	43809	**04.03 (48 months)**	**05.09**	**05.12 06.10**	**07.09**	**08.07**	*(09.04)*	50.20
1.17.35.4	ISO/IEC 24727-4	Identification cards – Programming Interfaces for Integrated Circuit Cards – Part 4: API administration	To be advised	43358	**05.12 (48 months)**	**07.01**	**07.03**	**07.10**	**08.07**	*(09.12)*	50.20
1.17.35.5	ISO/IEC 24727-5	Identification cards – Programming Interfaces for Integrated Circuit Cards – Part 5: Testing		43357	**05.12 (48 months)**	*(06.12)*	**08.04**	*(08.11)*	*(09.04)*	*(09.09)*	30.60
1.17.35.6	ISO/IEC 24727-6	Identification cards - Integrated circuit card programming interfaces - Part 6 - Registration authority procedures for the authentication protocols for interoperability		51572			**08.04**	*(09.09)*	*(10.09)*	*(11.03)*	30.60
1.17.40.1	ISO/IEC 24749-1	Identification cards – Secure and interoperable transactional IC card reader – Part 1: General architecture. **Discontinued**	Mr W Vanobberghen (France)	~~50253~~	~~**04.09**~~	~~**05.09**~~	~~*(08.08)*~~	~~*(09.02)*~~	~~*(10.02)*~~	~~*(10.08)*~~	~~10.99~~
WG5		**Issuer Identification Numbers (IINs)/Application Provider Identifiers (RIDs)**									
1.17.5.1	ISO/IEC 7812-1	Identification cards – Identification of issuers - Part 1: Numbering system	Chris Starr (UK)	20193	**90.1**	**91.11**	**91.12**		**92.1**	**93.12**	95.99
				31443	**97.10**	**98.10**	**99.01**	**99.05**	**00.02**	**00.09**	95.99
				39698	**04.10**	**04.12**	**05.06**	**05.11**	**06.04**	**06.10**	60.60
1.17.5.2	ISO/IEC 7812-2	Identification cards – Identification of issuers - Part 2: Application and registration procedures	Chris Starr (UK)	20194	**90.10**	**91.11**	**91.12**		**92.10**	**93.12**	95.99
				32081	**97.10**	**98.10**	**99.01**	**99.05**	**00.02**	**00.09**	95.99
1.17.5.2	Revision of ISO/IEC 7812-2:2000	Identification cards – Identification of issuers - Part 2: Application and registration procedures	Chris Starr (UK)	39699	**04.10**	**04.12**	**05.11**	**06.04**	**06.10**	**07.04**	60.60
WG7		**Financial Transaction Cards**									
1.17.44	ISO/IEC 4909 Transferred from TC68/SC6	Identification cards – Financial transaction cards – Magnetic stripe data content for Track 3	Mr J Riddell (UK)	43309	**05.01**	**05.07**		**05.07**	**06.01**	**06.07**	60.60
1.17.6	ISO/IEC 7813	Identification cards - Financial transaction cards	Mr J Riddell (UK)	14730						**1987**	95.99
				14730						**1990**	95.99
				14731			**91.05**		**92.03**	**95.07**	95.99
				31441	**97.1**	**99.04**	**99.04**	**99.09**	**00.05 00.12**	**01.05**	95.99
				43317	**04.10**	**05.07**	**-**	**05.07**	**06.01**	**06.07**	60.60
WG8		**Contactless Integrated Circuit(s) cards**									
1.17.2.6	ISO/IEC 10373-6	Identification cards – Test methods – Part 6: Proximity cards	Mr K Sickert (Germany)/Mickey Cohen (Israel)	31438	**97.10**	**98.09**	**99.08**	**00.03**	**00.11**	**01.05**	90.60

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1.17.2.6	Revision of ISO/IEC 10373-6	Identification cards – Test methods – Part 6: Proximity cards				06.12	**08.06**				30.60
1.17.2.6.1	ISO/IEC 10373-6/AM1	Identification cards – Test methods - Proximity cards – Amendment 1: Protocol test methods for proximity cards	Mr M Cohen (Israel)	37982	**01.10**	**02.02**	**02.07** **02.12** **04.07** **04.12**	**03.08** **05.05**	**06.06**	**07.04**	60.60
1.17.2.6.2	ISO/IEC 10373-6/AM2	Identification cards – Test methods - Proximity cards – Amendment 2: Improved RF test methods	Mr P Roux (France)	37983	**01.10**	**02.02**	**02.07**	**02.10**	**03.02**	**03.10**	60.60
1.17.2.6.3	ISO/IEC 10373-6/AM3	Identification cards – Test methods - Proximity cards – Amendment 3: Protocol test methods for proximity coupling devices	Mr M Cohen (Israel)	42216	**02.10**	**03.08**	**03.08** **04.07** **04.12**	**05.05**	**06.04**	**06.10**	60.60
1.17.2.6.4	ISO/IEC 10373-6/AM4	Identification cards – Test methods – Part 6: Proximity Cards – Draft Amendment 4: Additional test methods for PCD RF interface and PICC alternating field exposure	Mr P Roux (France)	42219	**04.10**	**04.10**	**04.12**	**05.04**	**05.12**	**06.06**	60.60
1.17.2.6.5	ISO/IEC 10373-6/AM5	Identification cards – Test methods – Part 6: Proximity Cards – Draft Amendment 5: Bit rates for *fc/64 fc/32* and *fc/16*	Mr R Meindl (Austria)	42217	**04.10**	**04.10**	**04.12**	**05.04** **06.05**	**07.04**	**07.10**	60.60
1.17.2.6.6	ISO/IEC 10373-6/AM6 **Deleted**	Identification cards – Test methods – Part 6: Proximity Cards – Draft Amendment 6: ISO/IEC 14443 Amendment 6: Test Environment	**N.N.**		~~**05.04**~~	~~**06.04**~~	~~*(06.10)*~~	~~*(07.03)*~~	~~*(07.10)*~~	~~*(08.04)*~~	
1.17.2.6.7	ISO/IEC 10373-6/AM7	Identification cards - Test methods - Part 6 - Proximity cards - Amendment 7 - Test methods for ePassport		52033	**08.05**		**08.06**	*(09.11)*	*(10.11)*	*(11.05)*	30.60
1.17.2.7	ISO/IEC 10373-7	Identification cards – Test methods – Part 7: Vicinity cards	Mr P Raggam (Austria)	31439	**97.10**	**99.08**	**99.08**	**00.03**	**00.11**	**01.05**	95.99
1.17.2.7	ISO/IEC 10373-7 (Revision)	Identification cards – Test methods – Part 7: Vicinity cards		50030			**06.10**	**07.02**	**07.09**	**08.04**	60.60
1.17.2.8	ISO/IEC 10373-8	Identification cards – Test methods - USB-ICC	Mr Jriddell	52133	**08.06**		*(09.06)*	*(09.12)*	*(10.12)*	*(11.06)*	30.20
1.17.11.1	ISO/IEC 10536-1 *STABILISED STANDARD*	Identification cards - Contactless integrated circuit(s) cards - Part 1: Physical characteristics.	Mr T Kato (Japan)	18607		**89.09**	**89.11**		**91.07**	**92.09**	95.99
				26737	**97.10**	**98.10**	**98.11**	**99.03**	**00.01**	**00.04**	90.93
1.17.11.2	ISO/IEC 10536-2 *STABILISED STANDARD*	Identification cards - Contactless integrated circuit(s) cards - Part 2: Dimensions and location of coupling areas	Mr C Stanford (UK)	23131		**92.1**	**92.11**		**93.11**	**95.12**	90.93
1.17.11.3	ISO/IEC 10536-3 *STABILISED STANDARD*	Identification cards – Contactless integrated circuit(s) cards - Part 3: Electronic signals and reset procedures	Mr M Hegenbarth (Germany)	24184	**94.10**	**93.10**	**94.05**		**95.02**	**96.12**	90.93

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1.17.17.1	ISO/IEC 14443-1	Identification cards - Contactless integrated circuit(s) cards - Proximity integrated circuit(s) cards - Part 1: Physical characteristics	Mr T Kato (Japan)	28728	**93.05**	**96.1**	**96.12** **97.03**	**98.07**	**00.01**	**00.04**	95.99
1.17.17.1 and 1.17.36	Revision of ISO/IEC 14443-1 to include the approved work item on Limited use cards on which they are working jointly with WG1	Identification cards - Contactless integrated circuit(s) cards - Proximity integrated circuit(s) cards - Part 1: Physical characteristics	Mr S Brunt (UK)	39693	**04.10**	**05.10**	**05.11**	**07.02**	**08.01**	**08.06**	60.60
							06.10				
1.17.17.2	ISO/IEC 14443-2	Identification cards - Contactless integrated circuit(s) cards - Proximity integrated circuit(s) cards - Part 2: Radio frequency power and signal	Mr C Freytag (Germany)	28729	**96.1**	**98.07**	**98.11**	**99.05**	**00.07**	**01.07**	90.92
1.17.17.2	Revision of ISO/IEC 14443-2	Identification cards - Contactless integrated circuit(s) cards - Proximity integrated circuit(s) cards - Part 2: Radio frequency power and signal	N.N.	50941		**07.01**	**07.05** **08.03**	(08.08)	(09.08)	(10.02)	30.60
1.17.34.2	Amendment 1 to ISO/IEC 14443-2:2001	Identification cards – Contactless integrated circuit(s) cards – Proximity cards – Part 2: Radio frequency power and signal amplitude – Amendment 1: Bit rates for *fc*/64, *fc*/32 and *fc*/16	Mr R Meindl, (Austria)	39297	**02.10**	**03.07**	**03.07**	**04.03**	**04.12**	**05.06**	60.60
1.17.38.6	Amendment 2 to ISO/IEC 14443-2:2001	Identification cards – Contactless integrated circuit(s) cards – Proximity cards – Part 2: Radio frequency power and signal amplitude – Amendment 2: Bit rates of *fc/8* and higher	N.N.		**06.11**						
1.17.17.3	ISO/IEC 14443-3	Identification cards - Contactless integrated circuit(s) cards - Proximity integrated circuit(s) cards - Part 3: Initialization and anticollision	Mr P Roux (France)	28730	**96.10**	**98.10**	**98.12** **99.02**	**99.06**	**00.07**	**01.02**	90.92
1.17.17.3	Revision of ISO/IEC 14443-3	Identification cards - Contactless integrated circuit(s) cards - Proximity integrated circuit(s) cards - Part 3: Initialization and anticollision	N.N.	50942		**07.01**	**07.02**	*(08.07)*	*(09.07)*	*(10.01)*	30.60
1.17.34.1	Amendment 1 to ISO/IEC 14443-3:2001	Identification cards – Contactless integrated circuit(s) cards – Proximity cards – Part 3: initialization and anticollision – Amendment 1: Bit rates for *fc*/64, *fc*/32 and *fc*/16	Mr R Meindl (Austria)	37987	**02.07**	**02.07**	**03.07**	**04.03**	**04.11**	**05.06**	60.60

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	Defect Report – Technical Corrigendum to Amendment 1 of ISO/IEC 14443-3:2001	Identification cards – Contactless integrated circuit(s) cards – Proximity cards – Part 3: initialization and anticollision – Amendment 1: Bit rates for *fc*/64, *fc*/32 and *fc*/16 –Corrigendum 1	To be advised	43891	**05.12**			**06.03**		**06.09** **07.11**	60.60
1.17.38.5	Amendment 2 to ISO/IEC 14443-3:2001	Identification cards – Contactless integrated circuit(s) cards – Proximity cards – Part 3: initialization and anticollision – Amendment 2: Bit rates of *fc*/8 and higher	N.N.		**06.11**						
1.17.38.2	Amendment 3 to ISO/IEC 14443-3:2001	Identification cards – Contactless integrated circuit(s) cards – Proximity cards – Part 3: initialization and anticollision – Amendment 3: Handling of reserved fields and values	Mr M Cohen (Israel)	42212	**03.1**		**04.07**	**04.12**	**05.09**	**06.04**	60.60
1.17.17.8	ISO/IEC 14443-4	Identification cards - Contactless integrated circuit(s) cards - Proximity integrated circuit(s) cards - Part 4: Transmission protocol	Mr H Meyn (German)	31425	**97.1**	**99.1**	**99.11**	**00.03**	**00.08**	**01.01**	95.99
1.17.17.8	Revision of ISO/IEC 14443-4	Identification cards - Contactless integrated circuit(s) cards - Proximity integrated circuit(s) cards - Part 4: Transmission protocol	N.N.	50648	**07.03**		**07.06**	**07.10**	**08.04**	**08.07**	60.60
1.17.38.1	Amendment 1 to ISO/IEC 14443-4	Identification cards - Contactless integrated circuit(s) cards - Proximity integrated circuit(s) cards – Part 4: Transmission protocol - Amendment 1: Handling of reserved fields and values	Mr M Cohen (Israel)	37988	**03.10**		**04.07**	**04.12**	**05.09**	**06.03**	95.99
1.17.38.7	Amendment 2 to ISO/IEC 14443-4	Identification cards - Contactless integrated circuit(s) cards - Proximity integrated circuit(s) cards – Part 4: Transmission Protocol - Amendment 2: Bit rates of *fc*/8,and higher	To be advised		**06.11**						
1.17.46	ISO/IEC 14443 **May be a new part or an Amendment to an existing part**	Identification cards - Contactless integrated circuit(s) cards - Proximity integrated circuit(s) cards – Multiple PICCs in a single operating field	David Maine (Visa)	Not Registered	**6.01**	*(06.10)*	*(07.06)*	*(07.11)*	*(08.08)*	*(09.01)*	
1.17.17.4	ISO/IEC 15693-1	Identification cards - Contactless integrated circuit(s) cards - Vicinity cards - Part 1: Physical characteristics	Mr T Kato (Japan)	30995	**96.10**	**97.10**	**97.10**	**98.07**	**00.03**	**00.07**	90.93
1.17.17.4	Revision of ISO/IEC 15693-1	Identification cards - Contactless integrated circuit(s) cards - Vicinity cards - Part 1: Physical characteristics	N.N.	NP Rejected	**04.10**	**05.10**	*(06.10)*	*(07.02)*	*(07.06)*	*(07.10)*	

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1.17.17.5	ISO/IEC 15693-2	Identification cards - Contactless integrated circuit(s) cards - Vicinity cards - Part 2: Air interface and initialization	Mr C Stanford (UK)	31427	**96.10**	**98.10**	**98.11**	**99.03**	**00.01**	**00.05**	95.99
1.17.17.5	Revision of ISO/IEC 15693-2 under the Minor Revisions Procedure	Identification cards - Contactless integrated circuit(s) cards - Vicinity cards - Part 2: Air interface and initialization	N.N.	36188	**04.10**	**05.10**	-			**Minor Revision 06.12**	95.99
1.17.17.5	COR 15693-2	Identification cards - Contactless integrated circuit(s) cards - Vicinity cards - Part 2: Air interface and initialization	Mr C Stanford (UK)		**00.10**	**00.11**	**-**	**00.12**		**01.10**	
1.17.17.6	ISO/IEC 15693-3	Identification cards - Contactless integrated circuit(s) cards - Vicinity cards- Part 3: Protocols	Mr A Berthon (France)	31428	**96.10**	**99.11**	**99.11**	**00.03**	**00.10**	**01.04**	95.99
1.17.17.6 and 1.17.38.4	Revision of ISO/IEC 15693-3. The revision will include the proposed Amendment on Assignments of the AFI codings '9x' to 'Cx'	Identification cards - Contactless integrated circuit(s) cards - Vicinity cards - Part 3: Protocols	N.N.	43467	**03.10**	**04.10**	**07.02**	**07.09**	*(09.09)*	*(10.03)*	40.60
WG9		**Optical Memory Cards**									
1.17.2.5	ISO/IEC 10373-5	Identification cards — Test methods — Optical memory cards	Steve Brunt (UK)	30170	**94.11**	**96.1**	**96.12**	**—**	**97.12**	**98.12**	95.99
				41013	**02.03**	**03.11**	**04.06**	**04.12**	**05.10**	**06.01**	60.60
1.17.12.1	ISO/IEC 11693	Identification cards — Optical memory cards.	Dr. C Dyball (USA)	2082		**91.11**	**91.12**		**93.01**	**94.07**	95.99
				31791			**98.10**	**99.06**	**0.01**	**0.04**	95.99
				41826	**03.10**	—	—	**04.06**	**05.04**	**05.11**	90.92
1.17.12.2.1	ISO/IEC 11694-1	Identification cards — Optical memory cards and devices — Linear recording method — Part 1: Physical characteristics.	Dr C Dyball (USA)	1371		**91.11**	**91.12**		**93.01**	**94.08**	95.99
				31430		**97.10**	**98.10**	**99.06**	**00.01**	**00.04**	95.99
				39696	**03.10**	**-**	**-**	**04.06**	**05.02**	**05.09**	60.60
1.17.12.2.2	ISO/IEC 11694-2	Identification cards — Optical memory cards and devices — Linear recording method — Part 2: Dimensions and location of the accessible optical area.	Dr C Dyball (USA)	20377		**91.11**	**91.12**		**93.01**	**95.05**	95.99
				31792		**98.10**	**98.10**	**99.06**	**00.01**	**00.04**	95.99
				39697	**03.10**	**-**	**-**	**04.06**	**05.02**	**05.09**	60.60
1.17.12.2.3	ISO/IEC 11694-3	Identification cards — Optical memory cards and devices — Linear recording method - Part 3: Optical properties and characteristics.	Dr C Dyball (USA)	20378		**91.11**	**91.12**		**93.01**	**95.05**	95.99
				33417				**99.11**	**00.08**	**01.02**	95.99
				46463	07.01		**07.09**	**07.07**	**08.03**	**08.06**	60.60
1.17.12.2.4	ISO/IEC 11694-4	Identification cards — Optical memory cards and devices — Linear recording method - Part 4: Logical data structures.	Dr C Dyball (USA)	25610		**93.08**	**94.07**		**95.03**	**96.05**	95.99
				35513	**99.11**	**-**	**-**	**00.11**	**01.04**	**01.10**	95.99
				45973	**07.03**		**07.03**	**07.03**	**08.01**	**08.06**	60.60

SC17 PROJECT NUMBER	STANDARD NUMBER	TITLE	PROJECT EDITOR	ISO PROJECT NUMBER	NWI	WD	CD	FCD	FDIS (Date sent to ISO)	Publication	Project Stage
1.17.12.2.5.	ISO/IEC 11694-5	Identification cards — Optical memory cards and devices — Linear recording method - Part 5: Data format for interchange.	Dr C Dyball (USA)	42203	**04.12**		**04.12**	**05.05**	**05.10**	**06.03**	60.60
1.17.12.2.6.	ISO/IEC 11694-6	Identification cards — Optical memory cards and devices — Linear recording method - Part 6: Use of biometrics on optical memory cards	Dr C Dyball (USA)	42204	**04.12**		**04.12**	**05.05**	**05.10**	**06.03**	60.60
1.17.12.3.1	ISO/IEC 11695-1	Identification cards — Optical memory cards — Holographic recording Method — Part 1: Physical characteristics.	Dr C Dyball (USA)	50354	**06.10**		**07.07**	**07.12**	**08.06**	*(10.08)*	50.20
1.17.12.3.2	ISO/IEC 11695-2	Identification cards — Optical memory cards — Holographic recording method — Part 2: Dimensions and location of accessible optical area.	Dr C Dyball (USA)	50355	**06.10**		**07.07**	**07.12**	**08.06**	*(10.08)*	50.20
1.17.12.3.3	ISO/IEC 11695-3	Identification Cards — Optical memory cards — Holographic recording method — Part 3: Optical properties and characteristics	Dr C Dyball (USA)	50356	**06.10**		**07.07**	**07.12**	**08.06**	*(10.08)*	50.20
1.17.12.4	ISO/IEC 11693-2	Identification cards - Optical memory cards, Co-existence of optical memory with other machine-readable technologies		51506	**07.06**		**08.01**	**08.05**	*(10.11)*	*(11.05)*	40.99
WG10		**Motor Vehicle Drivers Licence and Related Documents**									
1.17.24.1	ISO/IEC 18013-1	Personal Identification — Motor Vehicle Licence — Part 1: Physical characteristics and Basic Data Set	Mr G Fischer (South Africa)	41920	**99.03**	**02.09**	**02.10**	**04.07**	**04.12**	**05.08**	60.60
1.17.24.2	ISO/IEC 18013-2	Personal identification — Motor Vehicle Licence — Part 2: Machine readable technologies	Mr G Fischer (South Africa)	42199	**99.03**	**03.07**	**04.12**	**06.05**	**07.07**	**08.05**	60.60
1.17.24.3	ISO/IEC 18013-3	Personal Identification — ISO Compliant Driving Licence — Part 3: Authenticity and integrity verification	To be advised	50351	**06.01**	*(06.10)*	**6.12**	**07.08**	**08.07**	*(09.01)*	50.20
WG11		**Application of Biometrics to Cards and Personal Identification**									
1.17.49	ISO/IEC 24787	Identification cards – Match on-card	Singapore	41557	**06.08**	*(07.03)*	**07.08**	*(09.03)*	*(09.10)*	*(10.03)*	30.60

Annex SI
(normative)

Matrix presentation of project stages

STAGE	SUB-STAGE						
	00 Registration	**20** Start of main action	**60** Completion of main action	**90** Decision			
				92 Repeat an earlier phase	93 Repeat current phase	98 Abandon	99 Proceed
00 Preliminary stage	**00.00** Proposal for new project received	**00.20** Proposal for new project under review	**00.60** Review summary circulated			**00.98** Proposal for new project abandoned	**00.99** Approval to ballot proposal for new project
10 Proposal stage	**10.00** Proposal for new project registered	**10.20** New project ballot initiated	**10.60** Voting summary circulated	**10.92** Proposal returned to submitter for further definition		**10.98** New project rejected	**10.99** New project approved
20 Preparatory stage	**20.00** New project registered in TC/SC work programme	**20.20** Working draft (WD) study initiated	**20.60** Comments summary circulated			**20.98** Project deleted	**20.99** WD approved for registration as CD
30 Committee stage	**30.00** Committee draft (CD) registered	**30.20** CD study/ballot initiated	**30.60** Comments/ voting summary circulated	**30.92** CD referred back to Working Group		**30.98** Project deleted	**30.99** CD approved for registration as DIS
40 Enquiry stage	**40.00** DIS registered	**40.20** DIS ballot initiated: *5 months*	**40.60** Voting summary dispatched	**40.92** Full report circulated: DIS referred back to TC or SC	**40.93** Full report circulated: decision for new DIS ballot	**40.98** Project deleted	**40.99** Full report circulated: DIS approved for registration as FDIS
50 Approval stage	**50.00** FDIS registered for formal approval	**50.20** FDIS ballot initiated: *2 months.* Proof sent to secretariat	**50.60** Voting summary dispatched. Proof returned by secretariat	**50.92** FDIS referred back to TC or SC		**50.98** Project deleted	**50.99** FDIS approved for publication
60 Publication stage	**60.00** International Standard under publication		**60.60** International Standard published				
90 Review stage		**90.20** International Standard under periodical review	**90.60** Review summary dispatched	**90.92** International Standard to be revised	**90.93** International Standard confirmed		**90.99** Withdrawal of International Standard proposed by TC or SC
95 Withdrawal stage		**95.20** Withdrawal ballot initiated	**95.60** Voting summary dispatched	**95.92** Decision not to withdraw International Standard			**95.99** Withdrawal of International Standard