

ISO/IEC JTC1/SC17 N 2361

DOCUMENT TYPE : BALLOT RESULT

TITLE: BALLOT RESULT – ISO/IEC FCD 7811-7 – Identification cards – Recording technique – Part 7: Magnetic Stripe – High coercivity 40 bits per mm.

BACKWARD POINTER: N 2021, N 2076, N 2231, N 2316

SOURCE: SECRETARIAT ISO/IEC JTC1/SC17

STATUS: The text is approved for FDIS processing but WG1 should attempt to resolve the negative vote from France and the comments from Germany before proceeding to FDIS ballot.

ACTION ID: FYI

WORK ITEM 1.17.29

DUE DATE:

DISTRIBUTION P and L-Members of ISO/IEC JTC1/SC17
JTC1 Secretariat
ISO/IEC ITTF

MEDIUM: SERVER

NO. OF PAGES: 7

ISO/IEC JTC1/SC17 N 2361


TABLE OF REPLIES FOR ISO/IEC FCD 7811-7 – Identification cards – Recording technique – Part 7: Magnetic Stripe – High coercivity 40 bits per mm.. (N 2316)

P-Member ISO/IEC JTC1/SC17	Approve	Approve With Comments	Disapprove	Abstain	Ballot not Returned by Closing date	Comments
Australia	✓					
Austria					✓	
Belgium					✓	
Canada					✓	
China	✓					
Czech Republic		✓				Attachment 1
Denmark	✓					
Finland					✓	
France			✓			Attachment 2
Germany		✓				Attachment 3
Hungary					✓	
India					✓	
Israel					✓	
Italy	✓					
Japan	✓					
Kenya					✓	
Korea, Republic of	✓					
Netherlands	✓					
Norway	✓					
Poland	✓					
Portugal					✓	
Romania					✓	
Russian Federation						
Singapore						
South Africa	✓					
Spain	✓					
Sweden				✓		
Switzerland	✓					
Turkey					✓	
UK	✓					
USA	✓					
Total P Members (31)	14	2	1	1	13	

TOTAL P-MEMBERS	31
P-MEMBER BODIES VOTING	17 – 55%
DISAPPROVE	1 - 6%
APPROVE	16 – 94%

**ATTACHMENT 1
CZECH REPUBLIC**

ISO/IEC Form 9 - Electronic

	Vote on Final Committee Draft ISO/IEC	
	Date of circulation 2003-05-08 Closing date 2003-09-08	Reference number ISO/JTC 1/SC 17 N 2316

ISO/JTC 1/SC 17 Cards and personal identification Secretariat: APACS for BSI	Circulated to P-members of the committee for voting Please return all votes and comments in electronic form directly to the SC 17 Secretariat here, at APACS, by the due date indicated.
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ISO/IEC FCD 7811-7 Title: Identification cards – Recording technique – Part 7: Magnetic Stripe – High coercivity 40 bits per mm Project: 1.17.29
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Vote:

- APPROVAL OF THE DRAFT AS PRESENTED
- APPROVAL OF THE DRAFT WITH COMMENTS AS GIVEN BELOW (use separate page as annex, if necessary)
- general:
- technical:
- editorial: (3 Normative references: ..10373-1 and 10373-2 **Identification cards – Test methods ..**)
- DISAPPROVAL OF THE DRAFT FOR REASONS BELOW (use separate page as annex, if necessary)
- Acceptance of these reasons and appropriate changes in the text will change our vote to approval
- ABSTENTION (for reasons below):

 P-member voting (National Body/Acronym): Czech Republic/CSNI


Date: 2003-08-22

Submitted by (Name/Signature): P. Dvorak

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 London EC2A 1LQ, England;
 Telephone +44 (0) 20 7711 6292; Fax: +44 (0) 20 7711 6299; e-mail: freda.bennett@apacs.org.uk

**ATTACHMENT 2
FRANCE**

ISO/IEC Form 9 - Electronic

	Vote on Final Committee Draft ISO/IEC	
	Date of circulation 2003-05-08 Closing date 2003-09-08	Reference number ISO/JTC 1/SC 17 N 2316

ISO/JTC 1/SC 17 Cards and personal identification Secretariat: APACS for BSI	Circulated to P-members of the committee for voting Please return all votes and comments in electronic form directly to the SC 17 Secretariat here, at APACS, by the due date indicated.
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ISO/IEC FCD 7811-7 Title: Identification cards – Recording technique – Part 7: Magnetic Stripe – High coercivity 40 bits per mm Project: 1.17.29

Vote:

- APPROVAL OF THE DRAFT AS PRESENTED
- APPROVAL OF THE DRAFT WITH COMMENTS AS GIVEN BELOW (use separate page as annex, if necessary)
 - general:
 - technical:
 - editorial:
- DISAPPROVAL OF THE DRAFT FOR REASONS BELOW (use separate page as annex, if necessary)
 - Acceptance of these reasons and appropriate changes in the text will change our vote to approval
 - ABSTENTION (for reasons below):

Comments accompanying the negative vote on ISO/IEC FCD 78117:

According with these points and our last comments (CNCC/GE1N391) - MAGTEK was undertaken to give samples for tests - We don't have more information concerning the application and roadmap of this norm - and we don't know today who can be interested in it except MAGTEK

P-member voting (National Body/Acronym): AFNOR (France)


Date: 2003-09-03

Submitted by (Name/Signature): Catherine PROTIC

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**ATTACHMENT 3
GERMANY**

ISO/IEC Form 9 - Electronic

	Vote on Final Committee Draft ISO/IEC	
	Date of circulation 2003-05-08 Closing date 2003-09-08	Reference number ISO/JTC 1/SC 17 N 2316

ISO/JTC 1/SC 17 Cards and personal identification Secretariat: APACS for BSI	Circulated to P-members of the committee for voting Please return all votes and comments in electronic form directly to the SC 17 Secretariat here, at APACS, by the due date indicated.
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ISO/IEC FCD 7811-7 Title: Identification cards – Recording technique – Part 7: Magnetic Stripe – High coercivity 40 bits per mm Project: 1.17.29
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Vote:

- APPROVAL OF THE DRAFT AS PRESENTED
- APPROVAL OF THE DRAFT WITH COMMENTS AS GIVEN BELOW (use separate page as annex, if necessary)
- general:
- technical: see attachment
- editorial: see attachment
- DISAPPROVAL OF THE DRAFT FOR REASONS BELOW (use separate page as annex, if necessary)
- Acceptance of these reasons and appropriate changes in the text will change our vote to approval
- ABSTENTION (for reasons below):

DIN Germany _____

P-member voting (National Body/Acronym):

Date: 2003-09-04

Submitted by (Name/Signature): Nikolaus Kovács

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German Comments on ISO/IEC FCD 7811-7

Title:

nominal bit density is 17 bits per mm, the title of the standard should be ... 40 ft/mm
The nominal capacity is usually calculated by:

Following the data given in 10.1.2.3 table 4: user data capacity 234 Bytes per track the nominal bit density would be:

user data capacity / nominal length of the track:
= 234 Bytes / 80 mm = 2,925 Bytes / mm

Since we are dealing with 8 bit ASCII code a Byte contains 8 bits:

Byte density * number of bits = nominal bit density
2,925 Bytes / mm * 8 = 23,4 bits / mm

Foreword:

the comparison of the bit density is not possible, because the bit structure is different. the nominal density of loco/hico is ?(never 8,27 bits / mm!) and of hd is 23,4 bits per mm.

4.11: Average signal amplitude (U_A):
sum of the absolute values of the amplitude ...

4.2:
Change in the structure of the PTB:
from 2003-06-01 FLab 2.24 will be changed to AG 2.52

4.17:
The definition of Ba6 is not very clear and can be misunderstood.

4.25:
 U_{F20b}
magnitude of the individual element at the frequency of the Fourier spectrum corresponding to the recording density 20 ft/mm for a given track over the length of the magnetic stripe area before overwriting

add 4.26:
 U_{F20a}
magnitude of the individual element at the frequency of the Fourier spectrum corresponding to the recording density 20 ft/mm for a given track over the length of the magnetic stripe area after overwriting

6.1.1:

The reduced values for the profile will be a problem for everybody who produces cards. see the final report of the PTB.

7.3, table 1:

see above U_{F20b} and U_{F20a}

7.3, table 1, note:

The density of 20 ftpmm converts to 508 ftpi in this standard and to 500 ftpi in ISO/IEC 7811 part2 and part 6. These 2 are not different in principle. To ensure compatibility at the higher recording density the more accurate conversion is used in this part of the standard.

7.3, Fig. 7:

flux transitions on the upper right description

9.2:

40 bits per mm is not the nominal bit density. See above.

9.3, table 2:

The tolerance for L3 should be +/- 10 % (For symmetry reasons). The asymmetry does not provide any advantage, because the symmetric requirements for L1 and L2 will forbid asymmetric values of L3.

ANNEX A
APPROVAL AS PRESENTED

AUSTRALIA Brahman Thiyagalingham SAI 2003-08-28	KOREA Kyo-Won YOON KATS 2003-09-05	SPAIN Miguel Angel Aranda AENOR 2003-09-08
CHINA Lin Ning CESI 2003-08-28	THE NETHERLANDS Toinah van Dijk NEN 2003-09-08	SWITZERLAND Edith Hugentobler SNV 2003-05-09
DENMARK Ove Bardenfleth Nielsen Danish Standards Association 2003-08-21	NORWAY Ulf Leirstein NSF 2003-08-26	UK Jim Riddell for BSI 2003-08-04
ITALY Maria Vineis UNINFO 2003-08-29	POLAND Zygmunt Niechoda PKN 2003-09-08	USA Maryse Depas-Medina ANSI 2003-09-05
JAPAN Nagaaki Ohyama JBMIA 2003-08-19	SOUTH AFRICA M Ramaru SABS 2003-09-08	
ABSTENTIONS		
SWEDEN Susanne Björkander SIS 2003-09-05		