
SUMMARY REVISIONS & KEY FINDINGS OF THE 2016 AAMVA CARD DESIGN STANDARD GUIDELINES

Pg xii | Sec 0.3 – Commonality (Uniformity) and **New addition Harmonization between Human and Machine Readable Data**

The standard also employs the principle of harmonization (correlation) between human and machine readable data – which means that there should be corresponding information as it relates to mandatory data elements. This is at times not identical as names may require truncation in the human readable rendering but stored in their full form in the machine readable; in the case of an indicator the human readable may be a term like “limited duration” but in the machine readable stored as “1”. Note – non-mandatory and non-applicable data should not be present on the card in any way (human or machine readable).

Pg xii | Sec 0.4 – Security **New sentence added to end**

To augment the guidance provided within this standard the CDS committee compiled and published a special guide that can be downloaded on the AAMVA website – Secure Card Design Principles.

Pg xv | Sec 0.9 – Interim/Temporary DL/IDs **Entirely new section added**

Interim documents for jurisdictions using central issuance have run the spectrum from a secure document with physical security features and implied identification value on one end to a paper receipt on the other.

Research based on review of samples of a number of jurisdictions’ interim documents shows that most jurisdictions who issue an interim document use a “receipt-like” approach where the customer receives proof of a transaction which is acceptable for driving but not intended for identification. In the case of renewals/transfers, some jurisdictions return the expired/old credential to the customer defaced or “punched” in some way so that the individual can continue to use that credential for identification purposes until their new credential arrives. This practice, while customer-service friendly, creates the risk that an individual can hold and use two genuine identity credentials.

An additional consideration is that potential relying parties, like the Transportation Security Administration (TSA), have informed AAMVA that their policy will continue to be to not accept any interim documents as a valid form of identification. They also have a policy that they will accept an expired DL/ID for up to a year beyond the expiration for the purposes of identification and boarding a commercial airplane. This assumes that (in the case where a jurisdiction has returned a

marked/punched card to the customer) it not interfere or obliterate the photo, human readable data, or PDF417 bar code. This further exacerbates the risk of an individual holding two genuine DL/IDs in that both could be valid for Federal identification purposes (one expired, one unexpired).

It is the recommendation of AAMVA to its members that they adopt/implement a process by which the interim document should be a receipt and not a secure document. Interim/Temporary documents should not contain security features, should not contain a photograph, and should be clearly branded to express that the document is meant as proof of a transaction only. In the case of driver licenses, it should reflect a privilege to operate a motor vehicle and should not be accepted for identification purposes beyond this one use case.

Pg 2 | Sec 2 – Reference(s) **Addition of ISO/IEC 15438**

ISO/IEC 15438: Automatic Identification and Data Capture Techniques – International Two-dimensional Symbology Specification – PDF417

Pg 6 | Sec 4.2 – Mandatory data elements: a.1 **Addition to footer notation 4 to a.1 Family Name**

If a suffix is used, it will follow the given name(s) and be separated by a comma and a space. If no suffix, there should be no comma after given name(s).

Pg 7 | Sec 4.2 – Mandatory data elements: g.5 **Addition of footer notation 5 in g.5 Document Discriminator: clarification of unique numbers**

If the same number appears on more than one document it does not qualify as unique or fulfill the function on the field.

Pg 9 | Sec 4.2 – Mandatory data elements: m.12 **Modification to last line of definition for m.12 Restrictions/conditions/information codes**

If no restrictions or other conditions apply to the cardholder, "NONE" shall be indicated and is only required to be present in Zone II.

Pg 9 | Sec 4.2 – Mandatory data elements: n.15 **Addition of notation to n.15 Cardholder sex**

Cardholder's sex: M for male, F for female, X for not specified

Pg 15 | Sec A.6 – Annex A Layout **Modification to requirements for vertical/horizontal format usage**

There are two principal formats – vertical (under 21, mandatory for U.S., optional for Canada) and horizontal (over 21, mandatory for U.S.).

Pg 24 | Sec A.2.1 – Horizontal DL/ID – Informative examples **New card visual samples provided**



Pg 26 | Sec A.3.1 – Vertical DL/ID – Informative examples **New card visual samples provided**



Pg 47 | Sec D.5.2 – Symbology **Modification in terminology: “drivers” license to “driver” license**

The PDF417 symbology (see ISO/IEC 15438 Automatic Identification and Data Capture Techniques - International Two-dimensional Symbology Specification - PDF417) shall be used for the Driver License applications.

Pg 55 | Sec D.12.5.1 – Table D.3 Mandatory data elements **Modification to definition found in data ref. j: Physical Description - Sex**

Gender of the cardholder. 1 = male, 2 = female, 9 = not specified.

Pg 62 | Sec D.13 – Examples of raw PDF417 Data **Modification of optional field example compliance type from “materially” to “fully” compliant**

Compliance Type (ex. “F” = fully compliant) – DDA (Required for DHS compliant licenses)

Pg 63 | Sec E.4 – Normative references **Modification of INCITS 322-2015 reference**

INCITS 322-2015, Information Technology - Card durability test methods

Pg 65 | Sec E.6.3 – Standardized tests **Modification of ANSI INCITS 322-2015 reference**

A reference to the standards document (and clause within such document) that specifies the test. "INCITS 322" refers to INCITS 322-2015: Information Technology - Card durability test methods, and "ISO" refers to ISO/IEC 10373-1:2006, Identification cards - Test methods - General characteristics.

Pg 66 | Sec E.6.3 – Table E.1 Standardized card tests **Multiple updates to INCITS references, test names, output, notes and assessments. Please review test table in detail to ensure current test compliance.**

Pg 76 | Sec E.6.4 – Table E.2 Matching to standardized card tests **Multiple updates to standardized testing conditions requirements. Please review full INCITS table to ensure testing compliance.**

Pg 77 | Sec E.6.4 – Table E.3 Matching to a limited set of standardized card tests **Multiple updates to INCITS references and addition of new condition “Cards mailed out using regular mail” at the bottom of table. Please review to ensure testing compliance.**

Pg 88 | Sec F.6.3 – Track 3 Information content and format **Addition of gender not specified to field 8**

1 for male, 2 for female, 9 for not specified

GENERAL NOTES:

- Note multiple specification references changed from “ANSI” to “AAMVA”
- Note multiple specification references changed from “ANSI” to “INCITS”
- Change in use of word “barcode” to “bar code” – indicating preference for usage of the two word version