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Proposed disposition of public review comments on the finger image data interchange format draft M1/030414

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Commentor	Comment	Proposed response
Crossmatch Technologies, Inc. Source: Greg Cannon	The sensor quality information associated with meeting Appendix F should be described in the Scanner ID field just as it is in the Minutiae Interchange document. This should be done not just for consistency, but because the image will likely be used as a breeder document for the minutia interchange document, and the scanner id field will need to be populated. As I recall, we had discussed this compliance encoding in Seattle, but the change seems to have been misplaced in every standard except for the minutia standard.	Reject: The certification information requested will be provided in the new "Image acquisition setting" field 7.1.6
NIST Source: R.M. McCabe	1. Contrary to the actions taken at the SC 37 meeting in Rome, NIST firmly believes that a single parameter should be available via the Finger Image Data standard to specify the categorization of the biometric fingerprint capture systems based on the potential user's required image acquisition parameter settings. Regarding this belief, NIST therefore recommends the following: • The information including text and Table 1 remain as part of the normative "Image Acquisition Requirements" section. • As specific entries in Table 1 reference the FBI's EFTS/Appendix F regarding certification, a "Normative/Optional" Annex should be added containing the parts of the EFTS/Appendix F that pertain to image acquisition settings.	Accept A Normative annex shall be added containing the appropriate scanner requirements from Appendix F of the FBI's EFTS specification.

	• Certain entries under "Dynamic Range" in the current Table 1 need to be corrected to agree with requirements as stated in the FBI's Appendix F of their EFTS.	Correct entries under “Dynamic Range" in the current Table 1 to agree with requirements as stated in the FBI's Appendix F of their EFTS.
	• A new field should be added to the General Record Header after the "Scanner identification" field that will contain the Image Acquisition Setting level as specified in Table 1.	A new “Image acquisition setting” field containing the Image Acquisition Setting level as specified in Table 1. shall be added to the General Record Header after the "Scanner identification” field.
	2. Previously, the maximum areas used to capture the "plain four finger" impressions was based on the FBI's common fingerprint card. Certain "live-scan" devices now capture these impressions using a platen larger than the maximum areas specified in Tables 5&6. Areas and dimensions in both of these tables should be reexamined to ensure they reflect specifications of existing equipment.	Areas and dimensions in both of these tables shall be reexamined and corrected if necessary to ensure they reflect specifications of existing equipment.
	3. Title of Section 7.1.5 should be changed to "Capture device ID".	Accept
	4. The value in this field should be limited to the 12 low-order bits of a two-byte entry. Acquisition Setting" level, the 4 high-order bits should contain certification information . The purpose of this recommendation is to harmonize the finger image standard with the finger minutiae standard.	Accept Insert warning in text to leave high order 4 bits unused so that the two-byte field will agree with the similar field in the minutiae format
	5. The "Finger and palm impression types ", Table 7, should contain an entry of "7" to denote a latent image.	Accept Entry will be added.