

Deadline of Submission of Comments: 27-Oct-25
Document Number: ASB TR 016
Document Title: Terminology Related to Friction Ridge Examination

For Working Group and Consensus Body use only, not to be completed by commenter.

Comment #	Text Line # (s)	Document Section	New Section	Type of Comment E-Editorial T-Technical	Current Document Wording	Proposed Revision	Revision Justification	Final Resolution
6	11-12, 38-40	3.01 3.07	(deleted) 3.5	E	3.1 ABIS The <u>acronym</u> for Automated Biometric System. A generic term for..... 3.7 Automated Fingerprint Identification System AFIS A generic term for.....	Both terms should use the same formatting. Suggest changing 3.7 to AFIS The acronym for Automated Fingerprint Identification System. A generic term for....	3.1 and 3.7 Both define an acronym, but one uses the acronym as the term being defined and one uses the expanded wording of the acronym as the term. One defines the term as an acronym and one defines the term as a generic term.	REJECT WITH MODIFICATION - ABIS is the more inclusive term that can accommodate both fingerprint and palm print identification systems. The acronym was added to the full term definition and Acronym definition (3.1) was deleted.
2	17	3.02	(deleted)	E	"ACE (an examination process)" "an examination process" should be put in the definition, not as a parenthetical after the acronym.	Reword the definition to be "An acronym used to refer to the examination process Analysis, Comparison and Evaluation phases of an examination process." AND same for 3.6, 3.13, 3.35, 3.99	Parenthetical reference to "an" examination process intended. Standardize definition structure across ACE definitions	REJECT WITH MODIFICATION - Definition for ACE acronym deleted ("ACE" as an acronym is not used within ASB documents). Addition of "(phase of an examination process)" removed from associated terms and added to definition.
3	26	3.04	3.2	E	Definition for Administrative Review is not the ISO definition.	Either update the definition or indicate the ISO definition is modified.	Adopt ISO definition verbatim	ACCEPT
5	37-43	3.07	3.5	T	(definition of "AFIS")	Remove term "AFIS" and its definition in entirety.	"AFIS" has become an antiquated term that no longer serves a purpose. Since the "F" in "AFIS" stands for "fingerprints," the term should only apply to systems that contain/search fingerprints. Any system that contains or searches anything other biometric element, such as palmprints, is not covered by the "AFIS" due to the limiting word of "fingerprints" in the acronym. The term "ABIS" is a more appropriate and all-encompassing term that covers any and all biometric information. "ABIS" can even be used to refer to fingerprint-only systems, which eliminates any need for a separate "AFIS" term. Furthermore, other ASB docs do not use the term "AFIS" and only use "ABIS" in their content. Therefore I recommend eliminating the "AFIS" term from this document, to support the shift the industry has been making towards the use of "ABIS" to refer to all systems.	ACCEPT
7	53	3.09	3.7	E	'case file'	Remove the words 'case file' at the end of the reference (line 53) as it is not consistent with the rest of the document.		ACCEPT
9	80	3.15	3.13	E and T	Evaluation of a person's knowledge and ability to perform work before authorization to do so independently.	change "knowledge and ability" to "knowledge, skills and abilities"	Consistency between Sections 3.14 and 3.15: Competency defined with all three terms, but Competency Testing is defined without 'skills'	ACCEPT
10	100	3.19	3.17	T	"conclusion (synonym of source conclusion)" There are many more types of conclusions other than 'source conclusions' (see section 4 of the NAS report on conclusions drawn from research and "classification" conclusions.) The low error rates quoted from research are conclusions, not facts. Not acknowledging this, is not raising the bar to follow science, it is confusing the issue. If conclusion and source conclusion are the same, why did 'source conclusion' become a new term (it wouldn't have been needed).	Remove 'conclusion' and always refer to a source conclusion as a 'source conclusion'. Or Define a conclusion as 'a final judgment or opinion reached after consideration, reasoning, or deliberation'		ACCEPT WITH MODIFICATION - Removed "(Synonym of Source Conclusion)" and changed term to "Conclusion, Source" for reference purposes (i.e., to direct anyone looking for "conclusion" to "source conclusion").
11	101	3.19	3.17	E	"See 3.874"	Change to 3.87 (remove the 4)		ACCEPT WITH MODIFICATION - Reference section # corrected. "(synonym)" was deleted, and term updated to "conclusion, source".
13	178 and 179	3.36	3.35	E	examiner (friction ridge) "An individual who has successfully completed their FSP's training program, and is authorized to conduct independent friction ridge examinations for the FSP..." Abbreviations need to be defined when first used in a document. In this document, the abbreviation is define after its use	Either define FSP before using it, or change FSP to "Forensic Service Provider" when defining 'Examiner'.		ACCEPT

15	188	3.37	3.36	E	"NOTE Examples may include"	Remove the words 'may include' because they are unnecessary, Or Change "Examples may include" to be "For example" to be consistent with line 314, 343 and 387 Whatever is decided, be consistent within the document. Or Delete the note because definitions do not need to include how to take exemplars.		ACCEPT
14	183-185	3.37	3.36	T	"Known" is referred to three times in this heading. The term 'Known' is not usually used in professional written documents in this manner, the term 'exemplar' should be used. The word 'known' is used on line 303 for 'known source' (and used in document 012 as 'a known fact') which conflicts with this definition.	Change the main heading to "Exemplar" (removing all synonyms), there is no need to then say it is synonymous with Exemplar print and exemplar impression because the definition would apply when readers see these phrases; as is, it is unnecessarily wordy. Or Change "Known" to "Known Impression" in three places.		ACCEPT WITH MODIFICATION - Synonyms "Exemplar prints" and "Exemplar Impressions" removed; Synonym "Known Impression" retained
16	207	3.41	3.40	E	friction ridge detail (synonym of friction ridge features)	combine with 3.42	Consistency with section 3.37 which includes three synonyms of the same definition - why not combine 3.41 and 3.42 in the same way. Saves length to the document and does not change alphabetical organization	ACCEPT
17	215	3.43	3.41	T	"friction ridge impression (synonym of impression)" A FR impression may be an impression however, an impression may not always be a reproduction of FR's, such as sprue marks.	Remove "Synonym of Impression" because you can have an impression that may be compared that appears to be "A reproduction of an area of friction ridge skin" but is not (example: sprue marks). The last sentence should also be changed to "Friction Ridge impressions..."		REJECT WITH MODIFICATION - The term "Impression" (without "Friction Ridge" preceeding) is used extensively throughout ASB friction ridge documents. Both definitions are included within this document to clarify that "impression" is not used in its common meaning.
18	217	3.43	3.41	T	"Impressions may be referred to as 3.37 exemplar impressions, 3.57 latent impressions, or 3.77 questioned impressions." "May be referred to" implies the words are synonymous when there are different types of FR impressions.	Change "may be referred to" to "Friction Ridge Impressions include". AND Make the examples a note like other examples in the document.		REJECT WITH MODIFICATION - Note was deleted
19	233	3.47	3.45	E	"impression (synonym of friction ridge impression)"	Remove the definition of Impression since there are too many types of impressions, all of which are defined separately (this is not a term within itself, it is slang for whatever type of impression is being discussed). Latent, questioned, livescan, Friction Ridge, known, exemplar, unknown).		REJECT WITH MODIFICATION - The shortened "impression" is extensively used throughout ASB friction ridge documents and all of the provided references (i.e., latent, questioned, livescan, Friction Ridge, known, exemplar, unknown) are legitimate examples of friction ridge impressions.
20	278	3.57	3.55	T	"latent impression (synonym of latent, synonym of unknown)". An intentional print put on a ticket or a check may be unknown but it is not a LP impression. "Synonym of Unknown"	Remove "synonym of unknown".		ACCEPT WITH MODIFICATION - All synonyms of Latent were deteted
21	278	3.57	3.55	T	"Latent Impression" is not a synonym of "Unknown" (as in 'the Ground Truth is Unknown'). It may be a synonym for "Unknown Impression". "Synonym of Unknown"	Change "Synonym of Unknown" to be "Synonym of Unknown Impression" OR Remove the reference to synonym.		ACCEPT WITH MODIFICATION - All synonyms of Latent were deteted
22	279	3.57	3.55	T	"An impression from an unknown source" This definition uses the word being defined within the definition.	Reword the definition so it is not using the word being defined. OR Remove "Synonym of Unknown"		ACCEPT WITH MODIFICATION - All synonyms of Latent were deteted
23	279	3.57	3.55	T	A key attribute of a LP is that they are deposited unintentionally.	Add "left unintentionally" to the definition.		REJECT - The intention of the individual depositing the print (i.e., unintended or intended) generally plays no role in the examination of the resulting friction ridge impression (outside of exemplar recordings) and as a result is not a requisite part of this definition.
24	294	3.59	3.57	T	"Examinations of latent friction ridge evidence that are not complete as defined by Standard Operating Procedures (SOPs)."	Add: "an FSP's" prior to Standard Operating Procedures, since Standard Operating Procedures are unique to each FSP.		ACCEPT WITH MODIFICATION - Defintion updated to definition appearing in recently published BPR 183
25	295	3.59	3.57	E	"Standard Operating Procedures (SOPs)"	Remove abbreviation since the abbreviation is not used in this document. If the abbreviation will be used in a document, it would be appropriately referenced in the document that is being used in.		ACCEPT WITH MODIFICATION - Defintion updated to definition appearing in recently published BPR 183

26		3.62	(deleted)	T	3.62 major case prints (synonym of complete friction ridge exemplars) A complete recording of all friction ridge detail appearing on the friction ridge skin of an individual. This includes the extreme sides of the palms, joints, tips, and sides of the fingers, as well as the extreme sides of the soles, joints, tips, and sides of the toes where required.	move the definition from 3.62 to 3.16 so the "main" term is 'complete friction ridge exemplars' and the synonym is 'major case prints'	"major case" is not defined and completed exemplars could be collected in any case, depending on the circumstances. "Major case prints" could be potentially-biasing terminology (adds emphasis that a case is more important or "major") It is more accurate to use the term complete FR exemplars because exemplars may be collected in a major case and not necessarily be "major case prints" in the way it is defined here	ACCEPT WITH MODIFICATION - Definition moved to Complete Friction Ridge Exemplars; Major Case Prints deleted as synonym
4	309-312	3.63	3.60	T	Matrix	Need to add "Deposition Medium" as synonymous. Additionally need to define "Transfer medium".	Deposition medium is synonymous with Matrix. Transfer medium needs to be defined rather than just "note". It should have reference to biological and non biological.	REJECT WITH MODIFICATION - Definition revised to definition from SWGFAST Doc 19 with additional Note added. Deposition Medium not added.
27	373	3.76	3.72	T	"QAM's: Steps taken by an FSP to detect, correct, minimize and/or prevent nonconforming work." Looking for nonconforming work sounds like a negative, it should be written as a positive since QA is a good thing.	Change to "Steps taken by an FSP for continual improvement to ensure work meets expectations".		ACCEPT WITH MODIFICATION - Definition updated with reference to "continual improvement". Reference to nonconforming work is appropriate.
28	374	3.76	3.72	T	Note for QAM's: "This may include, but is not limited to, root cause analysis, additional verification, nonconformity assessment, audits and corrective and/or preventive actions." The list should be written in a priority order or so that like-terms are together.	Change note to: Examples: defined standards, use of controlled documents, a defined training program, verification, customer feedback, preventive action, audits, root cause analysis, and corrective action.		ACCEPT WITH MODIFICATION - Note updated to be more inclusive
29	394	3.8o	3.76	T	"repeatability": The FRCB documents do not discuss the "extent of agreement...", as described in the definition. It is more important that practitioners understand the difference between repeatable and reproducible. The current definitions do not clarify the difference.	a) Remove the definition for "repeatability" and b) Define repeated or repeatable (the FRCB documents do not use "repeatability").		REJECT - "Repeatability" appears in the ASB STD 014 with the requirement that a friction ridge trainee be able to define the term. The terms repeated and repeatable are not used outside of their common english meanings and therefore need not be defined.
30	398	3.81	3.77	T	The FRCB documents do not discuss the "extent of agreement...", as described in the definition. Document 185, the definition of FRD, the definition of FR features, and the definition of Verification use the word 'reproduced'. It is more important that practitioners understand the difference between repeatable (or repeated) and reproducible (or reproduced). The current definitions do not clarify the difference between these two words	a) Remove the definition for "reproducibility" and b) Define reproduced or reproducible (the FRCB documents do not use "reproducibility").		REJECT - "Reproducibility" appears in the ASB STD 014 with the requirement that a friction ridge trainee be able to define the term. The terms reproduced and reproducible are not used outside of their common english meanings and therefore need not be defined.
31	403	3.82	3.78	T	Risk Assessment: I don't believe this is in any of the FRCB documents.	Remove this definition as it does not pertain to the FRCB documents.		REJECT - The concept and/or practice of risk assessment is referenced within the following ASB documents STD 014, STD 015, BPR 183, STD 185, and TR 224. The term "risk assessment" has also been added to the Note accompanying Quality Assurance Measures.
32	410	3.83	3.79	E	"e.g."	Be consistent when adding examples (see lines 188, 314, 343, 387). The majority of examples use "For example..."		ACCEPT
33	425	3.87	3.83	T	"source conclusion (synonym of conclusion)" Since there are many types of conclusions, source conclusion is not always synonymous with conclusion.	Remove 'synonym of conclusion'.		ACCEPT
34	437	3.9o	(deleted)	T	"Stakeholder"; "stakeholder" has problematic connotations, including associations with colonial land claims and corporate interests that can perpetuate inequality and alienate certain groups.	a) Remove 'Stakeholder' definition and only use 'interested party' and b) remove reference to stakeholder in section 3.52		ACCEPT
35	466	3.96	(deleted)	T	"unknown (synonym of latent, synonym of latent impression)" If Unknown is a synonym of latent, then it conflicts with the definition of Questioned Impression which states that it could be tenprint as well.	Remove the term 'Unknown'.		ACCEPT

36	466	3.96	(deleted)	T	Unknown "Unknown" is an informal term for "Unknown impression". The word unknown is used in other ASB documents differently than this definition. Examples: a) TR 012 - 13.2.5 "Ground Truth is Unknown" b) TR 012 - 3.16 propositions: Statements about the actual state of nature or an event, which is unknown c) TR 012 - 3.17 questioned impression: An impression or image of friction ridge skin whose source or identity is unknown	Change the word being defined to "Unknown Impression", and redefine it to accommodate both latent and intentionally deposited impressions.		ACCEPT WITH MODIFICATION - "Unknown" deleted
37	477	3.99	3.95	T	"verification (phase of examination process)" This implies verification is part of the examination process, however, verification is not listed in 3.2 as part of the examination process.	Remove "(phase of examination process)"		ACCEPT
40	494	Bibliography		E	There a 25 at the end of this reference when all other reference have a letter at the end.	Change the '25' to whatever is appropriate.		ACCEPT
38	between 475 and 476 page 13	footer		E	The font size of the footer is too large.	Make the footer font the same as other footer font sizes.		ACCEPT
8	page 2 (after 3.12)	footer		E	ISO 21043-1:20182025	Remove the 2018		ACCEPT
39	below 475	footnote t		E	font size larger than previous footnote	reduce font size to match footnote s	consistency and visual aesthetic	ACCEPT
12	between 152 and 153	New section (after 3.30)		T	There is a lot of confusion regarding the difference between a decision and a conclusion. Since conclusion is defined (and not defined as a decision), 'decision' should also be defined in order to clarify the confusion.	Define 'Decision'. Suggestion: A decision is selecting an action based on available information, such as deciding to perform a comparison (a suitability decision). Not to be confused with a conclusion. Examples: a) You decide there is sufficient information in an impression to perform a comparison; you conclude that an impression is of value for a comparison b) You decide there is sufficient agreement and therefore, you conclude that it is a Source Identification.		REJECT - Within ASB documents, the term "decision" is used within its common meaning. The nature of the decision is generally clarified by the context of its usage (e.g., "suitability decision", "operational decision", decisions with regard to orientation or complexity). Any ambiguous usage of the term can be addressed within the document itself when the document is next up for review.
1		Throughout the document		E	The document cross links some words that are synonymous, but not always (example: Agreement is listed as a synonym with correspondence AND corresponding friction ridge detail, yet correspondence is not listed as a synonym with friction ridge detail).	Make sure all synonyms are cross appropriately cross-referenced.		ACCEPT
41				Ballot Comment	I don't believe the document is ready quite yet. I feel that when writing a document, our minds get into the small details, and we sometimes lose sight of how it looks in the big picture. Example, 'unknown' is defined as "See Latent Impression", however, we have statements in approved documents such as "The ground truth is unknown", therefore we are not always using the term 'unknown' to refer to a latent impression. Additionally, an unknown impression is not always a latent print. A print on a check or a ticket may have been placed there intentionally (i.e., not a latent print) but can still be an unknown impression whose identify needs to be determined. 'Unknown' is more of a slang term. It is my opinion that professional documents should rarely use slang terms. Maybe always refer to an 'Unknown Impression' as a 'Questioned Impressions' (which may, or may not, be a latent impression), and always refer to a 'Known Impression' as an 'Exemplar'. Additional recommended edits attached.			ACCEPT WITH MODIFICATION - "Unknown" removed from document. "Known Impression" included only as synonym for "Exemplar". Persistence of slang within documents, and any inclusion of slang terms within the current document, can be addressed during document updates.
42					Verify all ISO 21043-1-2025 Terms are correct and referenced correctly when used.			ACCEPT
43					Verify all OSAC Preferred Terms are correct when used			ACCEPT