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Summary Report

Fall 2017 Tenprint Comparison Proficiency Test #17202

Issued: December 10, 2017

On September 4, 2017, Ron Smith and Associates, Inc. (RS&A) shipped the 2017 Fall Tenprint Proficiency Test #17202. Participants were required to submit their responses no later than November 6, 2017, in order for them to be included in this summary report.

A total of 4 tests were ordered and shipped, with 3 participants returning their responses. The test was provided in both digital and hard copy format and included twenty pattern recognition prints, three sets of known fingerprints for comparison as a “pre-sentencing pack”, a driver’s license with a single fingerprint as well as a post-mortem fingerprint card, and five side-by-side “AFIS” comparisons.

The results presented in this report reflect whether or not the participants’ submitted results agree or disagree with the assigned values, garnered from pre-distribution testing and outlined in **The Manufacturer’s Report** (Appendix 1). The primary purpose of a Summary Report is to provide an overall documentation of all the submitted responses. It is RS&A’s intention to go a step further and provide more meaningful statistical results by analyzing the submitted responses in relationship to the demographics obtained from each of the examiners participating in this proficiency test. All results and statistics for Test #17202 will be outlined through graphs and charts found in the remainder of this report.

Prior to distribution of this test, all of the expected responses were determined to be either “Identification” or “Exclusion”; however, we are aware that some agencies allow for a conclusion of “Inconclusive” in their casework. In designing this Proficiency Test, there was no intention to force a participant to render a conclusion which goes beyond their considered opinion. To satisfy this option, participants were allowed to enter “Inconclusive” as a response. Due to the fact that a participant’s “Inconclusive” response does not meet the assigned values, it will appear as an inconsistent response in the summary report and be incorporated as such in the statistical analysis. It will be up to each agency to decide if the participant’s “Inconclusive” response qualifies as being acceptable under their policies and procedures.

RS&A strives to maintain the confidentiality of all of its clients and participants. All results are obtained and published using randomly generated test codes. RS&A will not release the identity of any participant without the written consent of the participant and/or the agency involved.

For any additional information, please contact the Tenprint Proficiency Test Coordinator at testing@ronsmithandassociates.com or call toll free at 1-866-832-6772.

Appendix 1

Test Manufacturer's Information

Fall 2017 Tenprint Proficiency Test #17202

This test consisted of four parts: pattern recognition, comparison of multiple tenprint cards, comparison of single inked fingerprints to tenprint cards, and side-by-side comparisons of unknown to known fingerprints. The assigned values for each part of the test are as follows:

Part 1: Pattern Recognition

Image #	Pattern Type
1	Right Slant Loop
2	Whorl
3	Whorl
4	Right Slant Loop
5	Right Slant Loop
6	Right Slant Loop
7	Left Slant Loop
8	Left Slant Loop
9	Whorl
10	Arch
11	Left Slant Loop
12	Right Slant Loop
13	Left Slant Loop
14	Right Slant Loop
15	Right Slant Loop
16	Whorl
17	Arch
18	Whorl
19	Left Slant Loop
20	Whorl

Part 2: Pre-Sentencing Packet

The following are the fingerprints of the same person:

“Most Recent Conviction”, “Prior Conviction 1” and “Prior Conviction 2”

Part 3: Unknown Deceased Identification/Exclusion

What can you conclude about the fingerprint on the driver's license?

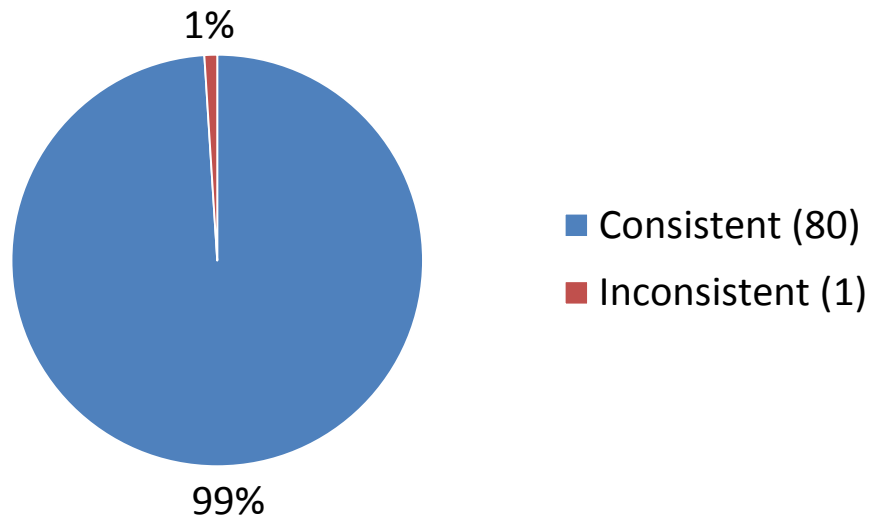
"The known inked fingerprint appearing on the driver's license bearing the name "Eleanor Shoemaker" was made by the same individual whose prints were recorded on the postmortem fingerprint card."

Part 4: AFIS Side-by-Side Comparisons

Comparison #	Conclusion
1	Identification
2	Identification
3	Identification
4	Exclusion
5	Identification

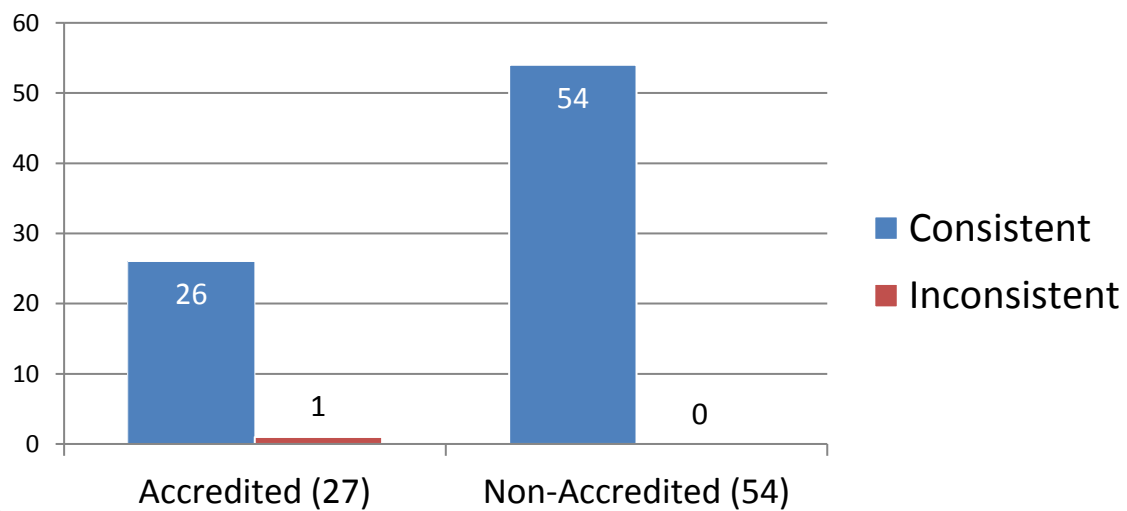
Appendix 2

Consistent vs Inconsistent Responses Compared to Assigned Values



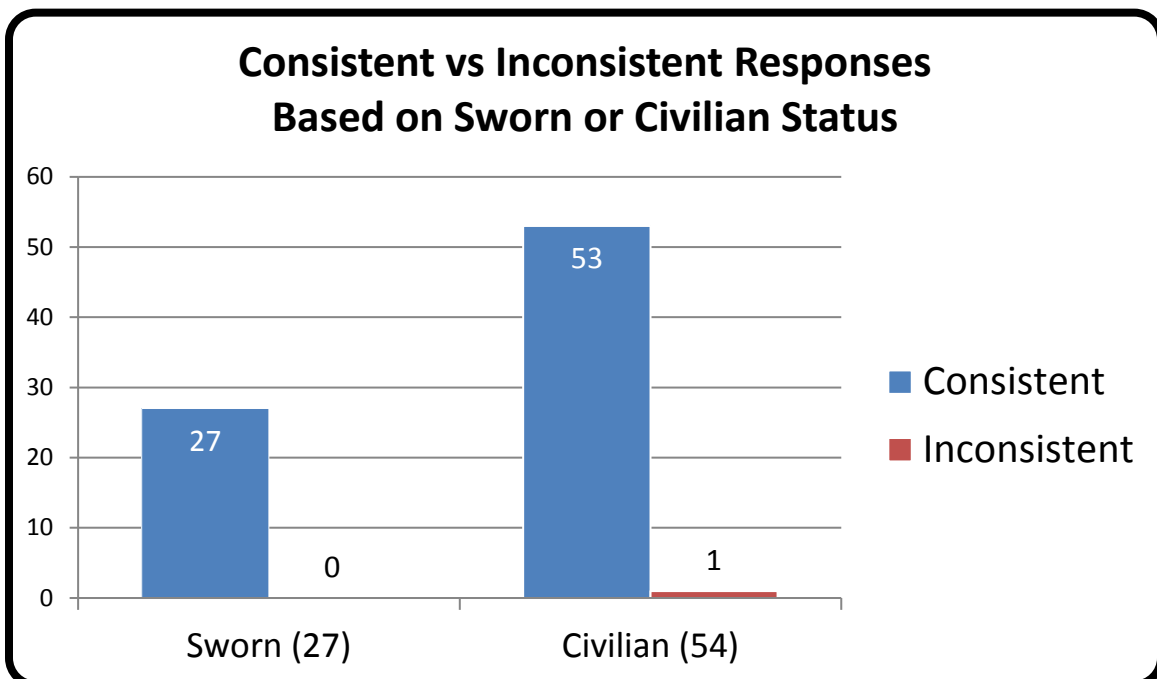
Appendix 3

Consistent vs Inconsistent Responses Based on Accreditation

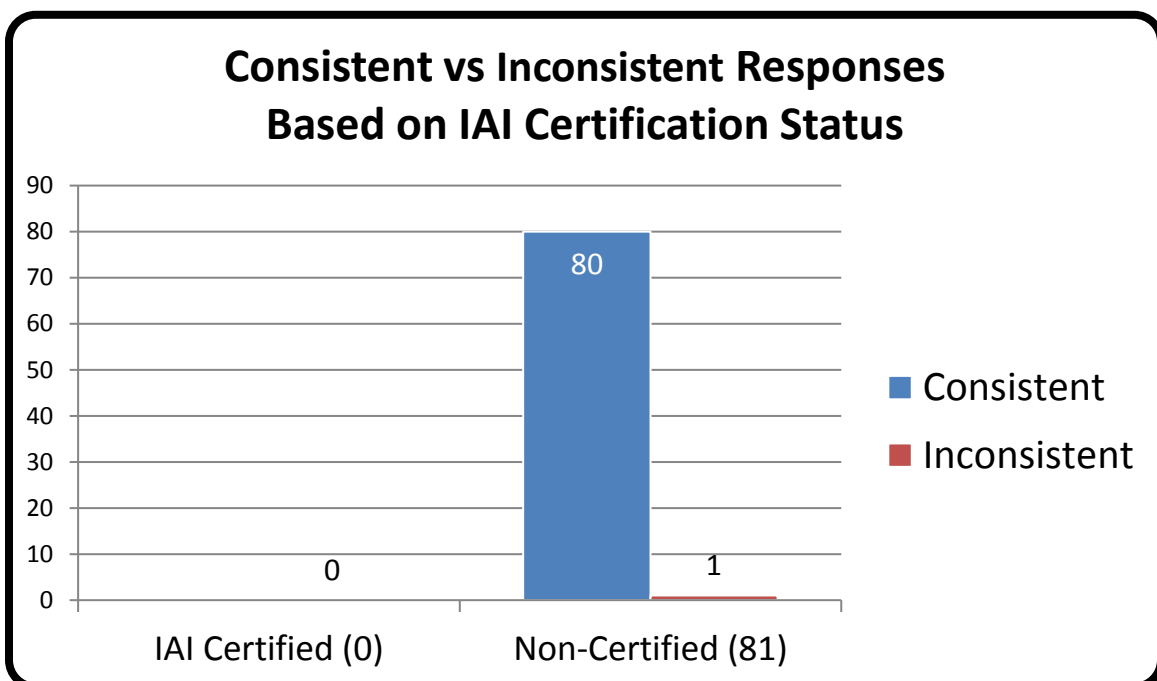


*For further information, please read ***Manufacturer's Additional Observations*** on the final page of this report.

Appendix 4



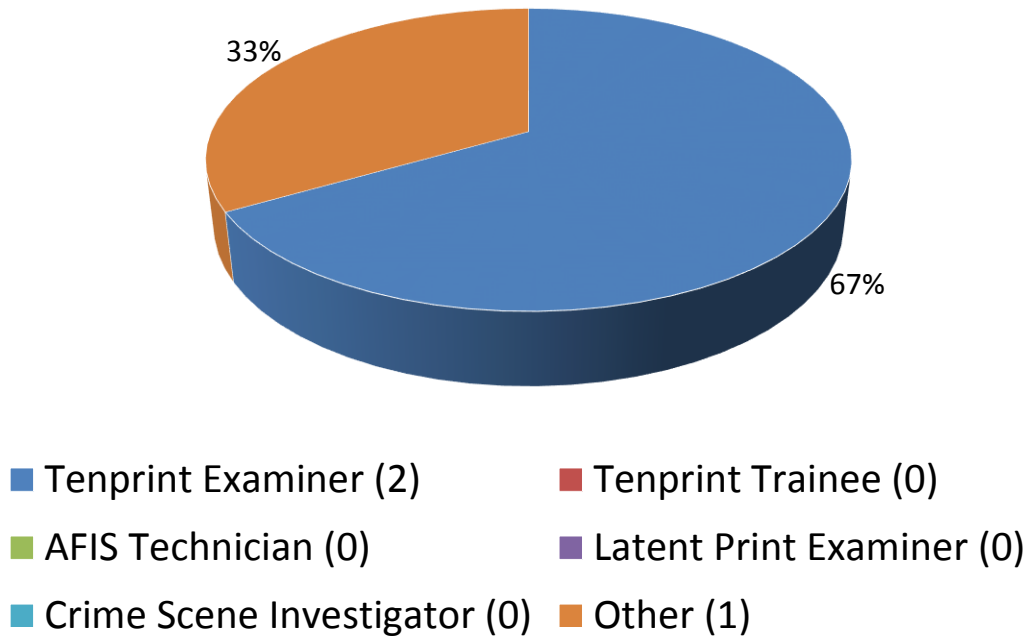
Appendix 5



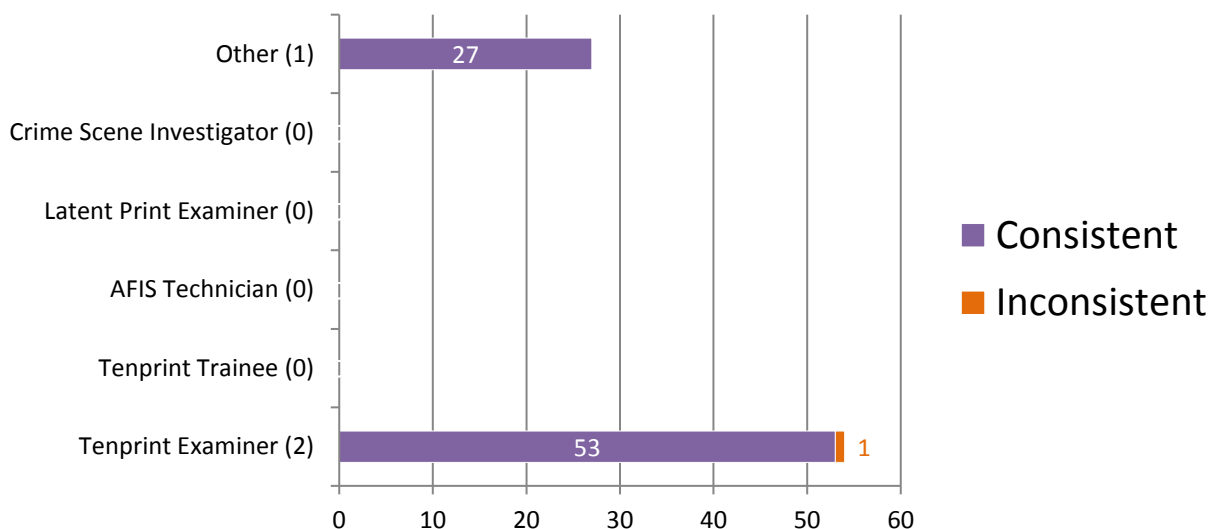
*For further information, please read ***Manufacturer's Additional Observations*** on the final page of this report.

Appendix 6

**Percentage of Participants
Based on Primary Job Position**



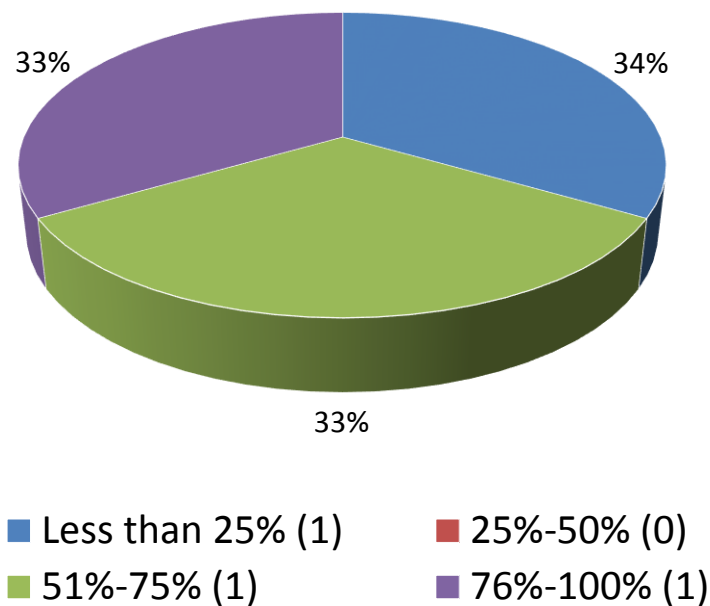
**Consistent vs Inconsistent Responses
Based on Primary Job Position**



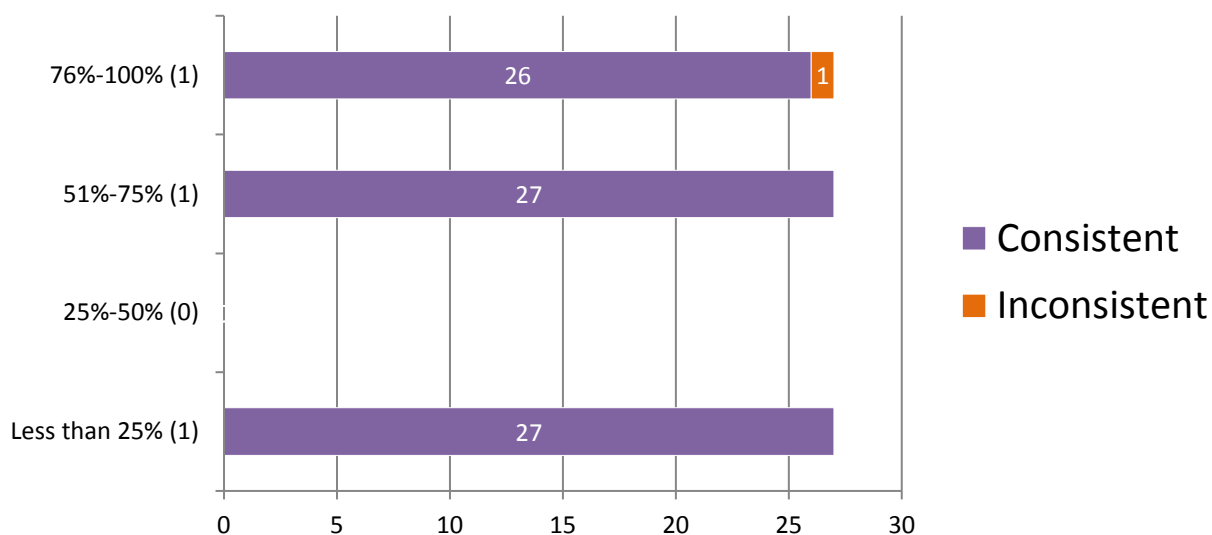
*For further information, please read **Manufacturer's Additional Observations** on the final page of this report.

Appendix 7

Percentage of Participants Based on Time Devoted to Tenprint Casework



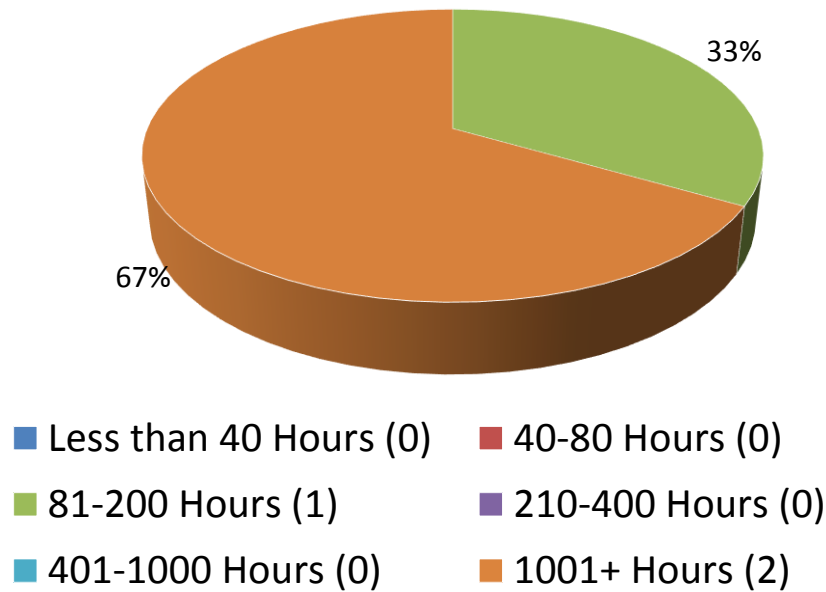
Consistent vs Inconsistent Responses Based on Time Devoted to Tenprint Casework



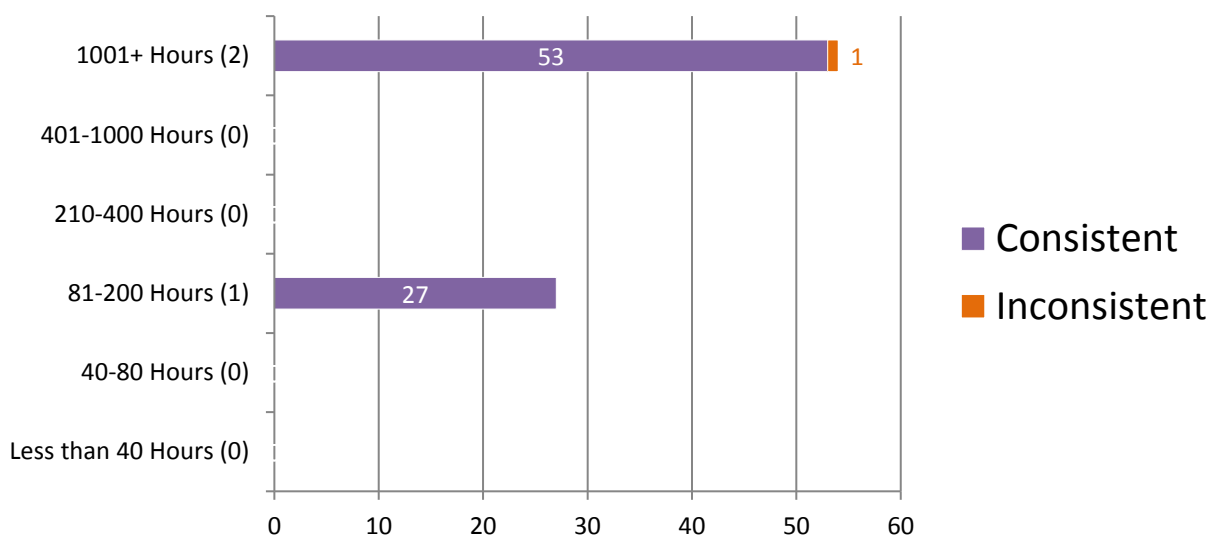
*For further information, please read **Manufacturer's Additional Observations** on the final page of this report.

Appendix 8

Percentage of Participants Based on Hours of Tenprint Training Completed



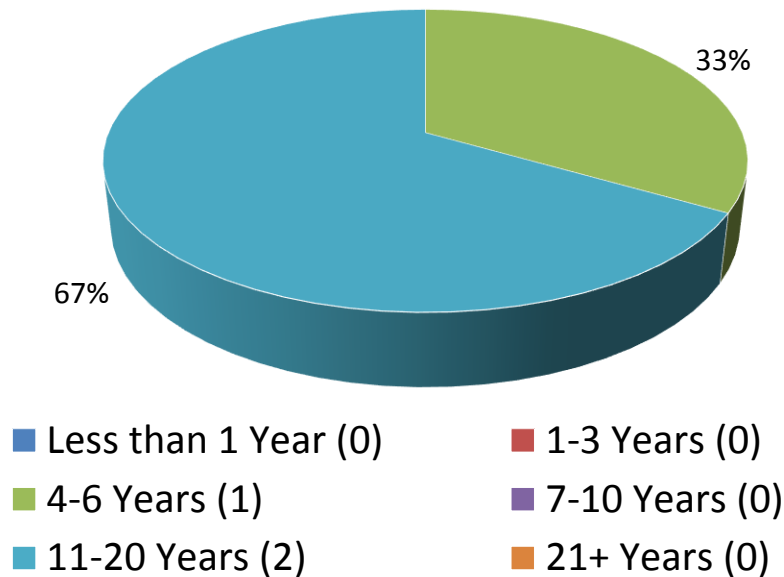
Consistent vs Inconsistent Responses Based on Hours of Tenprint Training Completed



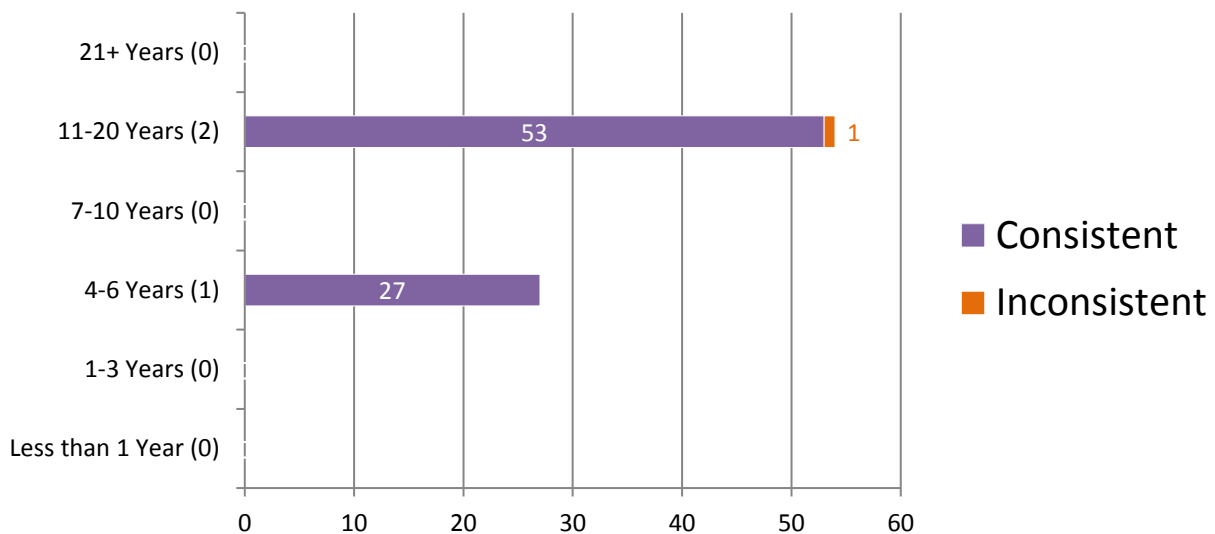
*For further information, please read **Manufacturer's Additional Observations** on the final page of this report.

Appendix 9

**Percentage of Participants
Based on Years of Experience in Tenprints**



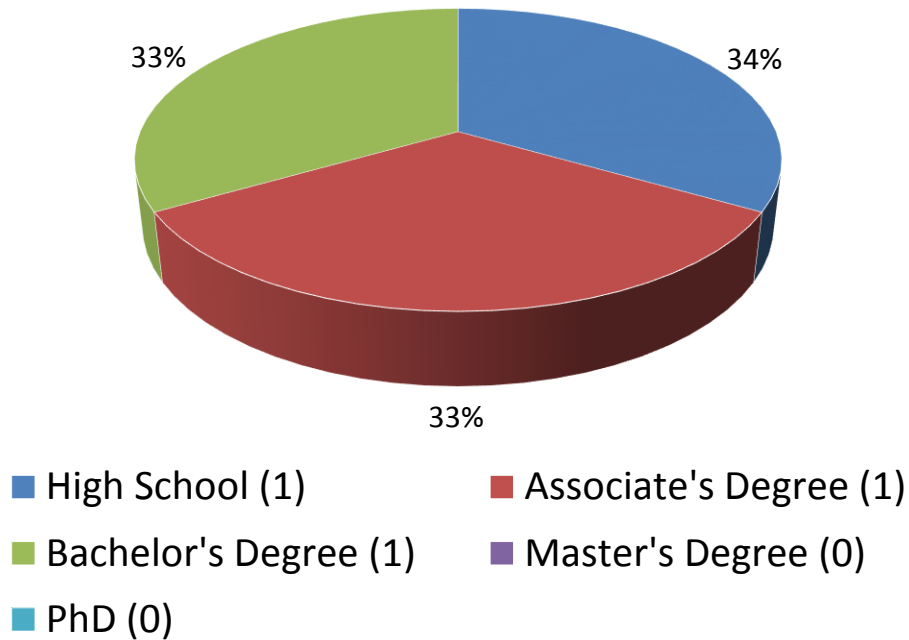
**Consistent vs Inconsistent Responses
Based on Years of Experience in Tenprints**



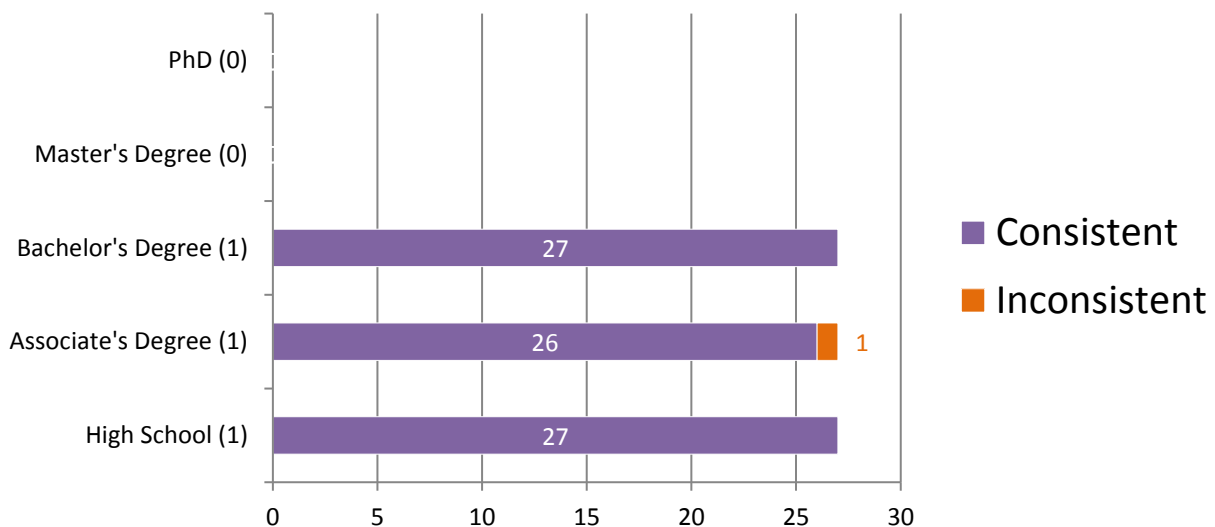
*For further information, please read **Manufacturer's Additional Observations** on the final page of this report.

Appendix 10

Percentage of Participants Based on Highest Level of Education Completed



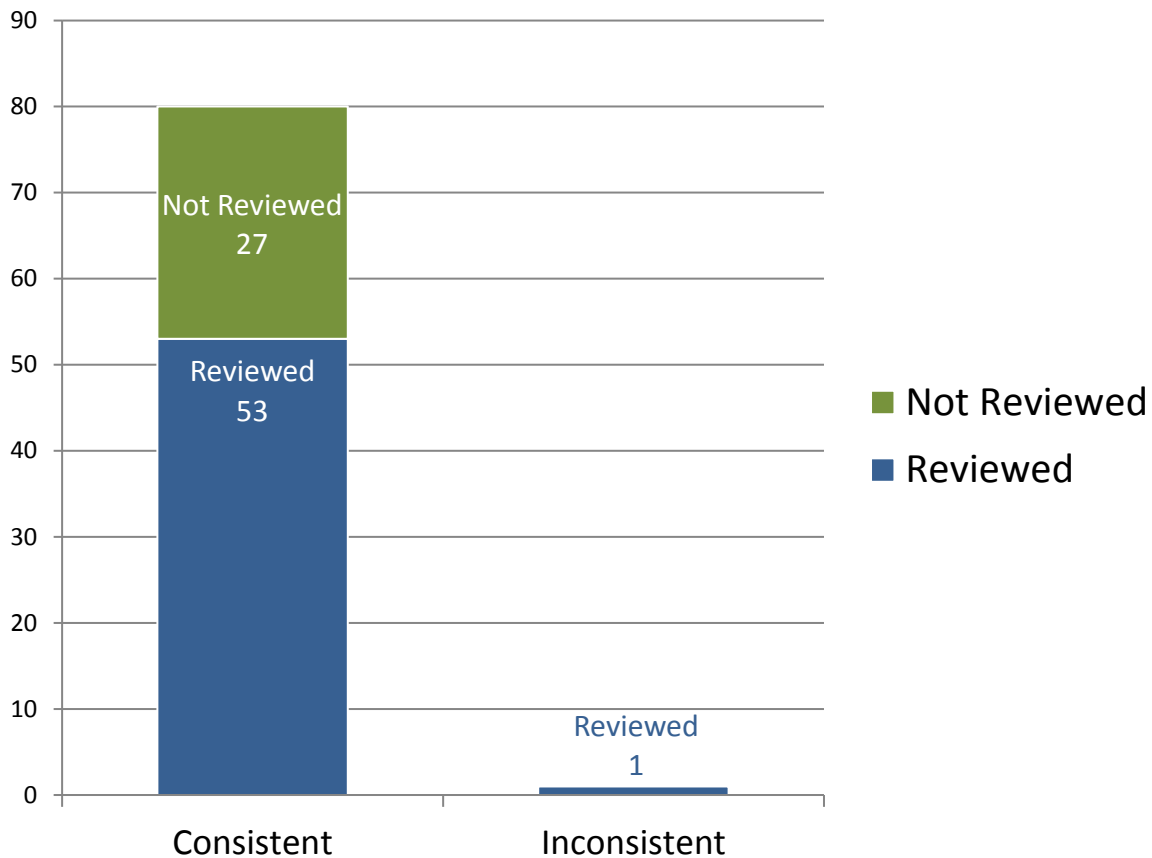
Consistent vs Inconsistent Responses Based on Highest Level of Education Completed



*For further information, please read **Manufacturer's Additional Observations** on the final page of this report.

Appendix 11

Consistent vs Inconsistent Responses Based on Review of Original Conclusions by another Latent Print Examiner Prior to Submission



*For further information, please read ***Manufacturer's Additional Observations*** on the final page of this report.

Appendix 12

Participant Responses listed by Test Code

		Part 1																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Test Code	Assigned Values	RSL	W	W	RSL	RSL	RSL	LSL	LSL	W	A	LSL	RSL	LSL	RSL	RSL	W	A	W	LSL	W
	8262X17202	RSL	W	W	RSL	RSL	RSL	LSL	LSL	W	A	LSL	RSL	LSL	RSL	RSL	W	A	W	LSL	W
	4486S17202	RSL	RSL	W	RSL	RSL	RSL	LSL	LSL	W	A	LSL	RSL	LSL	RSL	RSL	W	A	W	LSL	W
	5180X17202	RSL	W	W	RSL	RSL	RSL	LSL	LSL	W	A	LSL	RSL	LSL	RSL	RSL	W	A	W	LSL	W

		Part 2	Part 3	Part 4				
		Pre-Sentencing	Unknown Deceased ID/EXC	1	2	3	4	5
Test Code	Assigned Values	MRC, PC1, PC2	ID	ID	ID	ID	EXC	ID
	8262X17202	MRC, PC1, PC2	ID	ID	ID	ID	EXC	ID
	4486S17202	MRC, PC1, PC2	ID	ID	ID	ID	EXC	ID
	5180X17202	MRC, PC1, PC2	ID	ID	ID	ID	EXC	ID

Arch=A, Right Slant Loop=RSL, Left Slant Loop=LSL, Whorl=W, Most Recent Conviction=MRC, Prior Conviction #1=PC1, Prior Conviction #2=PC2, Identification=ID, Exclusion=EXC, Inconclusive=INC, None of the above=None

Totals

	Part 1																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
<i>Assigned Values</i>	<i>RSL</i>	<i>W</i>	<i>W</i>	<i>RSL</i>	<i>RSL</i>	<i>RSL</i>	<i>LSL</i>	<i>LSL</i>	<i>W</i>	<i>A</i>	<i>LSL</i>	<i>RSL</i>	<i>LSL</i>	<i>RSL</i>	<i>RSL</i>	<i>W</i>	<i>A</i>	<i>W</i>	<i>LSL</i>	<i>W</i>
Consistent Responses	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Inconsistent Responses	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% of Consistent Responses	100	66	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

	Part 2	Part 3	Part 4				
	Pre-Sentencing	Unknown Deceased ID/EXC	1	2	3	4	5
<i>Assigned Values</i>	<i>MRC, PC1, PC2</i>	<i>ID</i>	<i>ID</i>	<i>ID</i>	<i>ID</i>	<i>EXC</i>	<i>ID</i>
Consistent Responses	3	3	3	3	3	3	3
Inconsistent Responses	0	0	0	0	0	0	0
% of Consistent Responses	100%	100%	100%	100%	100%	100%	100%

Participant's Additional Comments

Test ID	Comments
5180X17202	In part 3 of the test we identified 8 minutiae and we are sure about the identification. However, in my country we use the numeric standard of 12 minutiae, so in a similar case I am not sure if we would make an official identification even if its identified.

Manufacturer's Additional Observations

1.	N/A
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Authorized by:


Ron Smith, President
December 11, 2017

Issue Date:

December 11, 2017