Collaborative Testing Services, Inc FORENSIC TESTING PROGRAM

## Tenprint Examination Test No. 18-514 Summary Report

Each sample pack contained twelve single print pairs, eight questioned tenprint cards, and eight tenprint card standards. Participants were asked to compare the two prints within each single print pair to determine whether or not they originated from the same source. They were also asked to compare each questioned tenprint card to the standard cards to determine if any shared a common source. Data were returned from 34 participants and are compiled into the following tables:
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## Manufacturer's Information

Each digital sample pack consisted of twenty questioned fingerprints and tenprint cards for comparison. Items Q1-Q12 contained single print pairs, and Items Q13-Q20 contained tenprint cards for comparison to a pool of standards (A-H). In the first section, participants were asked to compare the single print pairs to determine if both prints originated from a single source. In the second section, participants were asked to compare the questioned tenprint cards to each standard to determine if any shared a common source.

## SAMPLE PREPARATION-

Utilizing several anonymized databases containing a limited number of fingerprints, both visual comparison and AFIX comparison software were used to select the single prints and tenprint cards provided in this test.

SINGLE PRINT PAIRS: For non-matching single print pairs, prints with similar first and second-level details were chosen, paired together, and designated as either a questioned or standard item in the pair. For each matching item, uniquely collected prints from the same finger of an individual were paired together.

TENPRINT CARDS: For non-matching tenprint card items, cards with similar first and second-level details were chosen and designated as either a questioned item or comparison standard. For matching items originating from the same source, each card was designated as either a questioned or comparison standard item.

All prints were digitally resized to scale. The test items were then uploaded to the CTS Portal for download by test participants.

| Single Print Pair | Same Source? | Tenprint Card | Match to Standard? |
| :---: | :---: | :---: | :---: |
| Q1 | Yes | Q13 | No |
| Q2 | No | Q14 | No |
| Q3 | No | Q15 | Standard H |
| Q4 | No | Q16 | No |
| Q5 | No | Q17 |  |
| Q6 | No | Q18 | No |
| Q7 | No | Q19 | Standard B |
| Q8 | No | Q20 |  |
| Q9 | Yes | No |  |
| Q11 | No |  |  |
| Q12 | No |  |  |

## Summary Comments

Each digital sample pack contained a variety of collected single prints and tenprint cards for comparison. The one-to-one section contained pairs of single prints (Q1-Q12). Participants were asked to determine if the two collected prints within each pair originated from a single source. The ten-to-ten section contained eight questioned tenprint cards (Q13-Q20) and a pool of eight standard cards (A-H). Participants were asked to compare each questioned card to each standard card and determine if any pairing shared a common source.

Of the 34 responding participants, 29 ( $85.3 \%$ ) reported the expected responses for all twelve single-print pairs and eight tenprint cards. Two participants determined that unrelated prints in one or more single print pair shared a common source (Q4; Q6, Q11). One participant determined that a related pair of single prints did not share a common source (Q9). Another participant determined that no standard card shared a common source with tenprint cards Q15, Q18, and Q20. Finally, one participant determined that a related pair of single prints did not share a common source (Q9) and also did not provide a response for Q14.

The structure of the ten-to-ten comparison section of the test was updated for its 2018 release. This change was implemented to make the test more comparable to casework examination, in which an examiner would be comparing a single card to several standards. A common occurrence was noted wherein several participants identified the standard card that shared a common source with a questioned item, but failed to answer the initial Yes/No/Unable To Determine portion of the question. This explains the differences in several of the summary totals. The portal entry form has been updated to assist with correct completion of future tests.

## Comparisons - Single Prints

Does each pair of the following collected fingerprints originate from the same source?
TABLE la - Item Q1

| WebCode | Maith | WebCode | Match |
| :---: | :---: | :---: | :---: |
| 2NHTUE | Yes | KMLPAU | Yes |
| 8VLMFA | Yes | KWXLEZ | Yes |
| ARBM89 | Yes | LJJ7KZ | Yes |
| ARDCC6 | Yes | MMW98W | Yes |
| B464WA | Yes | MYDVFW | Yes |
| BVAX49 | Yes | PN6PCU | Yes |
| CEKA94 | Yes | Q9LYTW | Yes |
| CLKQJA | Yes | R87WLN | Yes |
| DCP9H7 | Yes | T63L6E | Yes |
| EA4NC2 | Yes | VLYMVH | Yes |
| ELA288 | Yes | VYJ6NL | Yes |
| FMMTX4 | Yes | VYLUTJ | Yes |
| FREXQ8 | Yes | XDDBVM | Yes |
| H4H3VQ | Yes | YML9EJ | Yes |

TABLE la - Item Q1

| WebCode |  | Match | WebCode | Match |
| :---: | :---: | :---: | :---: | :---: |
| YP3KZX |  | Yes |  |  |
| Z2GK7A |  | Yes |  |  |
| Z7Q6BK |  | Yes |  |  |
| ZCW2UK |  | Yes |  |  |
| ZNNMZF |  | Yes |  |  |
| ZZZV2M |  | Yes |  |  |
| Response Summary - Q1 Total Participants: 34 <br> Match Total |  |  |  |  |
|  | Yes | 34 |  |  |
|  | No | 0 |  |  |
| Unable To De | ermine | 0 |  |  |


| WebCode | Match | WebCode | Match |
| :---: | :---: | :---: | :---: |
| 2NHTUE | No | KWXLEZ | No |
| 8VLMFA | No | LJJ7KZ | No |
| ARBM89 | No | MMW98W | No |
| ARDCC6 | No | MYDVFW | No |
| B464WA | No | PN6PCU | No |
| BVAX49 | No | Q9LYTW | No |
| CEKA94 | No | R87WLN | No |
| CLKQJA | No | T63L6E | No |
| DCP9H7 | No | VLYMVH | No |
| EA4NC2 | No | VYJ6NL | No |
| ELA288 | No | VYLUTJ | No |
| FMMTX4 | No | XDDBVM | No |
| FREXQ8 | No | YML9EJ | No |
| H4H3VQ | No | YP3KZX | No |
| KMLPAU | No | Z2GK7A | No |



TABLE la - Item Q3

| WebCode | Match | WebCode | Match |
| :---: | :---: | :---: | :---: |
| 2NHTUE | No | KWXLEZ | No |
| 8VLMFA | No | LJJ7KZ | No |
| ARBM89 | No | MMW98W | No |
| ARDCC6 | No | MYDVFW | No |
| B464WA | No | PN6PCU | No |
| BVAX49 | No | Q9LYTW | No |
| CEKA94 | No | R87WLN | No |
| CLKQJA | No | T63L6E | No |
| DCP9H7 | No | VLYMVH | No |
| EA4NC2 | No | VYJ6NL | No |
| ELA288 | No | VYLUTJ | No |
| FMMTX4 | No | XDDBVM | No |
| FREXQ8 | No | YML9EJ | No |
| H4H3VQ | No | YP3KZX | No |
| KMLPAU | No | Z2GK7A | No |


| WebCode | Match | WebCode | Match |
| :---: | :---: | :---: | :---: |
| Z7Q6BK | No |  |  |
| ZCW2UK | No |  |  |
| ZNNMZF | No |  |  |
| ZZZV2M | No |  |  |
| Response Summary - Q3 |  | Total Participants: 34 |  |
| Match | Total |  |  |
| Yes | 0 |  |  |
| No | 34 |  |  |
| Unable To Determine | 0 |  |  |

TABLE la - Item Q4

| WebCode | Match | WebCode | Match |
| :---: | :---: | :---: | :---: |
| 2NHTUE | No | KWXLEZ | No |
| 8VLMFA | No | LJJ7KZ | No |
| ARBM89 | No | MMW98W | No |
| ARDCC6 | No | MYDVFW | No |
| B464WA | No | PN6PCU | No |
| BVAX49 | No | Q9LYTW | No |
| CEKA94 | No | R87WLN | No |
| CLKQJA | No | T63L6E | Yes |
| DCP9H7 | No | VLYMVH | No |
| EA4NC2 | No | VYJ6NL | No |
| ELA288 | No | VYLUTJ | No |
| FMMTX4 | No | XDDBVM | No |
| FREXQ8 | No | YML9EJ | No |
| H4H3VQ | No | YP3KZX | No |
| KMLPAU | No | Z2GK7A | No |


| WebCode | Match | WebCode | Match |
| :---: | :---: | :---: | :---: |
| Z7Q6BK | No |  |  |
| ZCW2UK | No |  |  |
| ZNNMZF | No |  |  |
| ZZZV2M | No |  |  |
| Response Summary - Q4 |  | Total Participants: 34 |  |
| Match | Total |  |  |
| Yes | 1 |  |  |
| No | 33 |  |  |
| Unable To Determine | 0 |  |  |


| WebCode | Match | WebCode | Match |
| :---: | :---: | :---: | :---: |
| 2NHTUE | No | KWXLEZ | No |
| 8VLMFA | No | LJJ7KZ | No |
| ARBM89 | No | MMW98W | No |
| ARDCC6 | No | MYDVFW | No |
| B464WA | No | PN6PCU | No |
| BVAX49 | No | Q9LYTW | No |
| CEKA94 | No | R87WLN | No |
| CLKQJA | No | T63L6E | No |
| DCP9H7 | No | VLYMVH | No |
| EA4NC2 | No | VYJ6NL | No |
| ELA288 | No | VYLUTJ | No |
| FMMTX4 | No | XDDBVM | No |
| FREXQ8 | No | YML9EJ | No |
| H4H3VQ | No | YP3KZX | No |
| KMLPAU | No | Z2GK7A | No |



TABLE la - Item Q6

| WebCode | Match | WebCode | Match |
| :---: | :---: | :---: | :---: |
| 2NHTUE | No | KWXLEZ | No |
| 8VLMFA | No | LJJ7KZ | No |
| ARBM89 | No | MMW98W | No |
| ARDCC6 | No | MYDVFW | No |
| B464WA | Yes | PN6PCU | No |
| BVAX49 | No | Q9LYTW | No |
| CEKA94 | No | R87WLN | No |
| CLKQJA | No | T63L6E | No |
| DCP9H7 | No | VLYMVH | No |
| EA4NC2 | No | VYJ6NL | No |
| ELA288 | No | VYLUTJ | No |
| FMMTX4 | No | XDDBVM | No |
| FREXQ8 | No | YML9EJ | No |
| H4H3VQ | No | YP3KZX | No |
| KMLPAU | No | Z2GK7A | No |


| WebCode | Match | WebCode | Match |
| :---: | :---: | :---: | :---: |
| Z7Q6BK | No |  |  |
| ZCW2UK | No |  |  |
| ZNNMZF | No |  |  |
| ZZZV2M | No |  |  |
| Response Summary - Q6 |  | Total Participants: 34 |  |
| Match | Total |  |  |
| Yes | 1 |  |  |
| No | 33 |  |  |
| Unable To Determine | 0 |  |  |


| WebCode | Match | WebCode | Match |
| :---: | :---: | :---: | :---: |
| 2NHTUE | No | KWXLEZ | No |
| 8VLMFA | No | LJJ7KZ | No |
| ARBM89 | No | MMW98W | No |
| ARDCC6 | No | MYDVFW | No |
| B464WA | No | PN6PCU | No |
| BVAX49 | No | Q9LYTW | No |
| CEKA94 | No | R87WLN | No |
| CLKQJA | No | T63L6E | No |
| DCP9H7 | No | VLYMVH | No |
| EA4NC2 | No | VYJ6NL | No |
| ELA288 | No | VYLUTJ | No |
| FMMTX4 | No | XDDBVM | No |
| FREXQ8 | No | YML9EJ | No |
| H4H3VQ | No | YP3KZX | No |
| KMLPAU | No | Z2GK7A | No |



TABLE la - Item Q8

| WebCode | Match | WebCode | Match |
| :---: | :---: | :---: | :---: |
| 2NHTUE | No | KWXLEZ | No |
| 8VLMFA | No | LJJ7KZ | No |
| ARBM89 | No | MMW98W | No |
| ARDCC6 | No | MYDVFW | No |
| B464WA | No | PN6PCU | No |
| BVAX49 | No | Q9LYTW | No |
| CEKA94 | No | R87WLN | No |
| CLKQJA | No | T63L6E | No |
| DCP9H7 | No | VLYMVH | No |
| EA4NC2 | No | VYJ6NL | No |
| ELA288 | No | VYLUTJ | No |
| FMMTX4 | No | XDDBVM | No |
| FREXQ8 | No | YML9EJ | No |
| H4H3VQ | No | YP3KZX | No |
| KMLPAU | No | Z2GK7A | No |



| WebCode | Match | WebCode | Match |
| :---: | :---: | :---: | :---: |
| 2NHTUE | Yes | KWXLEZ | Yes |
| 8VLMFA | Yes | LJJ7KZ | Yes |
| ARBM89 | Yes | MMW98W | No |
| ARDCC6 | Yes | MYDVFW | Yes |
| B464WA | Yes | PN6PCU | Yes |
| BVAX49 | Yes | Q9LYTW | Yes |
| CEKA94 | Yes | R87WLN | Yes |
| CLKQJA | Yes | T63L6E | Yes |
| DCP9H7 | No | VLYMVH | Yes |
| EA4NC2 | Yes | VYJ6NL | Yes |
| ELA288 | Yes | VYLUTJ | Yes |
| FMMTX4 | Yes | XDDBVM | Yes |
| FREXQ8 | Yes | YML9EJ | Yes |
| H4H3VQ | Yes | YP3KZX | Yes |
| KMLPAU | Yes | Z2GK7A | Yes |



TABLE la - Item Q10

| WebCode | Match | WebCode | Match |
| :---: | :---: | :---: | :---: |
| 2NHTUE | No | KWXLEZ | No |
| 8VLMFA | No | LJJ7KZ | No |
| ARBM89 | No | MMW98W | No |
| ARDCC6 | No | MYDVFW | No |
| B464WA | No | PN6PCU | No |
| BVAX49 | No | Q9LYTW | No |
| CEKA94 | No | R87WLN | No |
| CLKQJA | No | T63L6E | No |
| DCP9H7 | No | VLYMVH | No |
| EA4NC2 | No | VYJ6NL | No |
| ELA288 | No | VYLUTJ | No |
| FMMTX4 | No | XDDBVM | No |
| FREXQ8 | No | YML9EJ | No |
| H4H3VQ | No | YP3KZX | No |
| KMLPAU | No | Z2GK7A | No |

TABLE la - Item Q10


TABLE la - Item Q1 1

| WebCode | Match | WebCode | Match |
| :---: | :---: | :---: | :---: |
| 2NHTUE | No | KWXLEZ | No |
| 8VLMFA | No | LJJ7KZ | No |
| ARBM89 | No | MMW98W | No |
| ARDCC6 | No | MYDVFW | No |
| B464WA | Yes | PN6PCU | No |
| BVAX49 | No | Q9LYTW | No |
| CEKA94 | No | R87WLN | No |
| CLKQJA | No | T63L6E | No |
| DCP9H7 | No | VLYMVH | No |
| EA4NC2 | No | VYJ6NL | No |
| ELA288 | No | VYLUTJ | No |
| FMMTX4 | No | XDDBVM | No |
| FREXQ8 | No | YML9EJ | No |
| H4H3VQ | No | YP3KZX | No |
| KMLPAU | No | Z2GK7A | No |

TABLE la - Item Q11


Unable To Determine 0

TABLE la - Item Q12

| WebCode | Match | WebCode | Match |
| :---: | :---: | :---: | :---: |
| 2NHTUE | No | KWXLEZ | No |
| 8VLMFA | No | LJJ7KZ | No |
| ARBM89 | No | MMW98W | No |
| ARDCC6 | No | MYDVFW | No |
| B464WA | No | PN6PCU | No |
| BVAX49 | No | Q9LYTW | No |
| CEKA94 | No | R87WLN | No |
| CLKQJA | No | T63L6E | No |
| DCP9H7 | No | VLYMVH | No |
| EA4NC2 | No | VYJ6NL | No |
| ELA288 | No | VYLUTJ | No |
| FMMTX4 | No | XDDBVM | No |
| FREXQ8 | No | YML9EJ | No |
| H4H3VQ | No | YP3KZX | No |
| KMLPAU | No | Z2GK7A | No |

TABLE la - Item Q12


## Comparisons - Tenprints

Do any of the Questioned tenprint cards (Q13-Q20) share a common source with any of the standard tenprint cards (A-H)?

TABLE 1b - Item Q13

| WebCode | Match | Source | WebCode | Match | Source |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2NHTUE | No |  | KWXLEZ | No |  |
| 8VLMFA | No |  | LJJ7KZ | No |  |
| ARBM89 | No |  | MMW98W | No |  |
| ARDCC6 | No |  | MYDVFW | No |  |
| B464WA | No |  | PN6PCU | No |  |
| BVAX49 | No |  | Q9LYTW | No |  |
| CEKA94 | No |  | R87WLN | No |  |
| CLKQJA | No |  | T63L6E | No |  |
| DCP9H7 | No |  | VLYMVH | No |  |
| EA4NC2 | No |  | VYJ6NL | No |  |
| ELA288 | No |  | VYLUTJ | No |  |
| FMMTX4 | No |  | XDDBVM | No |  |
| FREXQ8 | No |  | YML9EJ | No |  |
| H4H3VQ | No |  | YP3KZX | No |  |
| KMLPAU | No |  |  |  |  |

TABLE 1b - Item Q13


TABLE 1b - Item Q14

| WebCode | Match | Source | WebCode | Match | Source |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2NHTUE | No |  | LJJ7KZ | No |  |
| 8VLMFA | No |  | MMW98W |  |  |
| ARBM89 | No |  | MYDVFW | No |  |
| ARDCC6 | No |  | PN6PCU | No |  |
| B464WA | No |  | Q9LYTW | No |  |
| BVAX49 | No |  | R87WLN | No |  |
| CEKA94 | No |  | T63L6E | No |  |
| CLKQJA | No |  | VLYMVH | No |  |
| DCP9H7 | No |  | VYJ6NL | No |  |
| EA4NC2 | No |  | VYLUTJ | No |  |
| ELA288 | No |  | XDDBVM | No |  |
| FMMTX4 | No |  | YML9EJ | No |  |
| FREXQ8 | No |  | YP3KZX | No |  |
| H4H3VQ | No |  | Z2GK7A | No |  |
| KMLPAU | No |  | Z7Q6BK | No |  |
| KWXLEZ | No |  | ZCW2UK | No |  |

TABLE 1b - Item Q14


TABLE 1b - Item Q15

| WebCode | Match | Source | WebCode | Match | Source |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2NHTUE | Yes | H | LJJ7KZ | Yes | H |
| 8VLMFA | Yes | H | MMW98W | Yes | H |
| ARBM89 | Yes | H | MYDVFW |  | H |
| ARDCC6 | Yes | H | PN6PCU | Yes | H |
| B464WA | Yes | H | Q9LYTW | Yes | H |
| BVAX49 | Yes | H | R87WLN | Yes | H |
| CEKA94 | Yes | H | T63L6E | Yes | H |
| CLKQJA | Yes | H | VLYMVH | Yes | H |
| DCP9H7 | Yes | H | VYJ6NL | Yes | H |
| EA4NC2 | Yes | H | VYLUTJ | Yes | H |
| ELA288 |  | H | XDDBVM | Yes | H |
| FMMTX4 | Yes | H | YML9EJ | Yes | H |
| FREXQ8 | Yes | H | YP3KZX | Yes | H |
| H4H3VQ |  | H | Z2GK7A | Yes | H |
| KMLPAU | No |  | Z7Q6BK | Yes | H |
| KWXLEZ |  | H | ZCW2UK | Yes | H |

TABLE 1b - Item Q15


TABLE 1b - Item Q16

| WebCode | Match | Source | WebCode | Match | Source |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2NHTUE | No |  | LJJ7KZ | No |  |
| 8VLMFA | No |  | MMW98W | No |  |
| ARBM89 | No |  | MYDVFW | No |  |
| ARDCC6 | No |  | PN6PCU | No |  |
| B464WA | No |  | Q9LYTW | No |  |
| BVAX49 | No |  | R87WLN | No |  |
| CEKA94 | No |  | T63L6E | No |  |
| CLKQJA | No |  | VLYMVH | No |  |
| DCP9H7 | No |  | VYJ6NL | No |  |
| EA4NC2 | No |  | VYLUTJ | No |  |
| ELA288 | No |  | XDDBVM | No |  |
| FMMTX4 | No |  | YML9EJ | No |  |
| FREXQ8 | No |  | YP3KZX | No |  |
| H4H3VQ | No |  | Z2GK7A | No |  |
| KMLPAU | No |  | Z7Q6BK | No |  |
| KWXLEZ | No |  | ZCW2UK | No |  |

TABLE 1b - Item Q16


TABLE 1b - Item Q17

| WebCode | Match | Source | WebCode | Match | Source |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2NHTUE | No |  | LJJ7KZ | No |  |
| 8VLMFA | No |  | MMW98W | No |  |
| ARBM89 | No |  | MYDVFW | No |  |
| ARDCC6 | No |  | PN6PCU | No |  |
| B464WA | No |  | Q9LYTW | No |  |
| BVAX49 | No |  | R87WLN | No |  |
| CEKA94 | No |  | T63L6E | No |  |
| CLKQJA | No |  | VLYMVH | No |  |
| DCP9H7 | No |  | VYJ6NL | No |  |
| EA4NC2 | No |  | VYLUTJ | No |  |
| ELA288 | No |  | XDDBVM | No |  |
| FMMTX4 | No |  | YML9EJ | No |  |
| FREXQ8 | No |  | YP3KZX | No |  |
| H4H3VQ | No |  | Z2GK7A | No |  |
| KMLPAU | No |  | Z7Q6BK | No |  |
| KWXLEZ | No |  | ZCW2UK | No |  |

TABLE 1b - Item Q17


TABLE 1b - Item Q18

| WebCode | Match | Source | WebCode | Match | Source |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2NHTUE | Yes | B | LJJ7KZ | Yes | B |
| 8VLMFA | Yes | B | MMW98W | Yes | B |
| ARBM89 | Yes | B | MYDVFW |  | B |
| ARDCC6 | Yes | B | PN6PCU | Yes | B |
| B464WA | Yes | B | Q9LYTW | Yes | B |
| BVAX49 |  | B | R87WLN | Yes | B |
| CEKA94 | Yes | B | T63L6E | Yes | B |
| CLKQJA | Yes | B | VLYMVH | Yes | B |
| DCP9H7 | Yes | B | VYJ6NL | Yes | B |
| EA4NC2 | Yes | B | VYLUTJ | Yes | B |
| ELA288 |  | B | XDDBVM | Yes | B |
| FMMTX4 | Yes | B | YML9EJ | Yes | B |
| FREXQ8 | Yes | B | YP3KZX | Yes | B |
| H4H3VQ |  | B | Z2GK7A | Yes | B |
| KMLPAU | No |  | Z7Q6BK | Yes | B |
| KWXLEZ |  | B | ZCW2UK | Yes | B |

TABLE 1b - Item Q18


TABLE 1b - Item Q19

| WebCode | Match | Source | WebCode | Match | Source |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2NHTUE | No |  | LJJ7KZ | No |  |
| 8VLMFA | No |  | MMW98W | No |  |
| ARBM89 | No |  | MYDVFW | No |  |
| ARDCC6 | No |  | PN6PCU | No |  |
| B464WA | No |  | Q9LYTW | No |  |
| BVAX49 | No |  | R87WLN | No |  |
| CEKA94 | No |  | T63L6E | No |  |
| CLKQJA | No |  | VLYMVH | No |  |
| DCP9H7 | No |  | VYJ6NL | No |  |
| EA4NC2 | No |  | VYLUTJ | No |  |
| ELA288 | No |  | XDDBVM | No |  |
| FMMTX4 | No |  | YML9EJ | No |  |
| FREXQ8 | No |  | YP3KZX | No |  |
| H4H3VQ | No |  | Z2GK7A | No |  |
| KMLPAU | No |  | Z7Q6BK | No |  |
| KWXLEZ | No |  | ZCW2UK | No |  |

TABLE 1b - Item Q19


TABLE 1b - Item Q20

| WebCode | Match | Source | WebCode | Match | Source |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 2NHTUE | Yes | E | LJJ7KZ | Yes | E |
| 8VLMFA | Yes | E | MMW98W | Yes | E |
| ARBM89 | Yes | E | MYDVFW |  | E |
| ARDCC6 | Yes | E | PN6PCU | Yes | E |
| B464WA | Yes | E | Q9LYTW | Yes | E |
| BVAX49 |  | E | R87WLN | Yes | E |
| CEKA94 | Yes | E | T63L6E | Yes | E |
| CLKQJA | Yes | E | VLYMVH | Yes | E |
| DCP9H7 | Yes | E | VYJ6NL | Yes | E |
| EA4NC2 | Yes | E | VYLUTJ | Yes | E |
| ELA288 |  | E | XDDBVM | Yes | E |
| FMMTX4 | Yes | E | YML9EJ | Yes | E |
| FREXQ8 | Yes | E | YP3KZX | Yes | E |
| H4H3VQ |  | E | Z2GK7A | Yes | E |
| KMLPAU | No |  | Z7Q6BK | Yes | E |
| KWXLEZ |  | E | ZCW2UK | Yes | E |

TABLE 1b - Item Q20


## Additional Comments

TABLE 2

## WebCode

## Additional Comments

8VLMFA
It is very hard to compare prints that can not be made lighter or darker. also it would be easier if we could print them out so we could put a glass on them and do a side by side comparison.

KWXLEZ On Item F, the LI and LM finger rolls are the same impression.


[^0]:    This report contains the data received from the participants in this test. Since these participants are located in many countries around the world, and it is their option how the samples are to be used (e.g., training exercise, known or blind proficiency testing, research and development of new techniques, etc.), the results compiled in the Summary Report are not intended to be an overview of the quality of work performed in the profession and cannot be interpreted as such. The Summary Comments are included for the benefit of participants to assist with maintaining or enhancing the quality of their results. These comments are not intended to reflect the general state of the art within the profession.

