



Tenprint Examination

Test No. 20-5141 Summary Report

Each digital 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 39 participants and are compiled into the following tables:

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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.

Participant results are reported using a randomly assigned "WebCode". This code maintains participant's anonymity, provides linking of the various report sections, and will change with every report.

Manufacturer's Information

Each digital sample pack consisted of twenty questioned fingerprints and tenprint cards for comparison. Items Q1-Q12 contained a series of 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 a 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	No	Q13	No
Q2	No	Q14	No
Q3	Yes	Q15	No
Q4	No	Q16	Standard A
Q5	No	Q17	No
Q6	No	Q18	No
Q7	No	Q19	No
Q8	Yes	Q20	Standard D
Q9	No		
Q10	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 twelve 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 tenprint 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 39 responding participants, 36 (92.3%) reported the expected responses for all twelve single-print pairs and eight tenprint comparisons. Three participants identified a common source between the single print pairs in Item Q7, which had an expected result of no common source. Within those three, one participant was also unable to determine a common origin for Items Q2, Q11 and Q12. This participant did not expand upon these findings in the Additional Comments.

Single Print Comparisons

Does each pair of the following collected fingerprints originate from the same source?

TABLE 1 - Item Q1

WebCode	Match	WebCode	Match
2RLVWW	No	EJPD63	No
2URCBF	No	GD9VGH	No
34C3BD	No	HUCPNH	No
3HXHDC	No	HXELFX	No
3LWTAC	No	J7NBUW	No
4YWUMD	No	JLG8ME	No
69GKLB	No	KC762D	No
6JZ4XU	No	L3GRJT	No
6PQAYB	No	MT443C	No
73PX4A	No	N3NV2A	No
AGD7F6	No	PGNWEB	No
BF2RL6	No	PLYAWA	No
BLLY2N	No	PX9MDB	No
CELY2L	No	Q3344A	No

TABLE 1 - Item Q1

WebCode	Match	WebCode	Match
Q8TDD8	No		
QCN8B9	No		
UBLGV6	No		
V2W3DK	No		
WDKNWK	No		
WEYZT4	No		
WWUTD3	No		
X4ALBJ	No		
X4P7VG	No		
XRDKP3	No		
YNFGHF	No		

Response Summary - Q1		Total Participants: 39
Match	Total	
Yes	0	
No	39	
Unable To Determine	0	

TABLE 1 - Item Q2

WebCode	Match	WebCode	Match
2RLVWW	No	GD9VGH	No
2URCBF	No	HUCPNH	No
34C3BD	No	HXELFX	No
3HXHDC	No	J7NBUW	No
3LWTAC	No	JLG8ME	No
4YWUMD	No	KC762D	No
69GKLB	No	L3GRJT	No
6JZ4XU	No	MT443C	No
6PQAYB	No	N3NV2A	UTD
73PX4A	No	PGNWEB	No
AGD7F6	No	PLYAWA	No
BF2RL6	No	PX9MDB	No
BLLY2N	No	Q3344A	No
CELY2L	No	Q8TDD8	No
EJPD63	No	QCN8B9	No

TABLE 1 - Item Q2

WebCode	Match	WebCode	Match
UBLGV6	No		
V2W3DK	No		
WDKNWK	No		
WEYZT4	No		
WWUTD3	No		
X4ALBJ	No		
X4P7VG	No		
XRDKP3	No		
YNFGHF	No		

Response Summary - Q2		Total Participants: 39
Match	Total	

Yes	0
No	38
Unable To Determine	1

TABLE 1 - Item Q3

WebCode	Match	WebCode	Match
2RLVWW	Yes	GD9VGH	Yes
2URCBF	Yes	HUCPNH	Yes
34C3BD	Yes	HXELFX	Yes
3HXHDC	Yes	J7NBUW	Yes
3LWTAC	Yes	JLG8ME	Yes
4YWUMD	Yes	KC762D	Yes
69GKLB	Yes	L3GRJT	Yes
6JZ4XU	Yes	MT443C	Yes
6PQAYB	Yes	N3NV2A	Yes
73PX4A	Yes	PGNWEB	Yes
AGD7F6	Yes	PLYAWA	Yes
BF2RL6	Yes	PX9MDB	Yes
BLLY2N	Yes	Q3344A	Yes
CELY2L	Yes	Q8TDD8	Yes
EJPD63	Yes	QCN8B9	Yes

TABLE 1 - Item Q3

WebCode	Match	WebCode	Match
UBLGV6	Yes		
V2W3DK	Yes		
WDKNWK	Yes		
WEYZT4	Yes		
WWUTD3	Yes		
X4ALBJ	Yes		
X4P7VG	Yes		
XRDKP3	Yes		
YNFGHF	Yes		

Response Summary - Q3		Total Participants: 39
Match	Total	

Yes	39
No	0
Unable To Determine	0

TABLE 1 - Item Q4

WebCode	Match	WebCode	Match
2RLVWW	No	GD9VGH	No
2URCBF	No	HUCPNH	No
34C3BD	No	HXELFX	No
3HXHDC	No	J7NBUW	No
3LWTAC	No	JLG8ME	No
4YWUMD	No	KC762D	No
69GKLB	No	L3GRJT	No
6JZ4XU	No	MT443C	No
6PQAYB	No	N3NV2A	No
73PX4A	No	PGNWEB	No
AGD7F6	No	PLYAWA	No
BF2RL6	No	PX9MDB	No
BLLY2N	No	Q3344A	No
CELY2L	No	Q8TDD8	No
EJPD63	No	QCN8B9	No

TABLE 1 - Item Q4

WebCode	Match	WebCode	Match
UBLGV6	No		
V2W3DK	No		
WDKNWK	No		
WEYZT4	No		
WWUTD3	No		
X4ALBJ	No		
X4P7VG	No		
XRDKP3	No		
YNFGHF	No		

Response Summary - Q4		Total Participants: 39
Match	Total	

Yes	0
No	39
Unable To Determine	0

TABLE 1 - Item Q5

WebCode	Match	WebCode	Match
2RLVWW	No	GD9VGH	No
2URCBF	No	HUCPNH	No
34C3BD	No	HXELFX	No
3HXHDC	No	J7NBUW	No
3LWTAC	No	JLG8ME	No
4YWUMD	No	KC762D	No
69GKLB	No	L3GRJT	No
6JZ4XU	No	MT443C	No
6PQAYB	No	N3NV2A	No
73PX4A	No	PGNWEB	No
AGD7F6	No	PLYAWA	No
BF2RL6	No	PX9MDB	No
BLLY2N	No	Q3344A	No
CELY2L	No	Q8TDD8	No
EJPD63	No	QCN8B9	No

TABLE 1 - Item Q5

WebCode	Match	WebCode	Match
UBLGV6	No		
V2W3DK	No		
WDKNWK	No		
WEYZT4	No		
WWUTD3	No		
X4ALBJ	No		
X4P7VG	No		
XRDKP3	No		
YNFGHF	No		

Response Summary - Q5		Total Participants: 39
Match	Total	

Yes	0
No	39
Unable To Determine	0

TABLE 1 - Item Q6

WebCode	Match	WebCode	Match
2RLVWW	No	GD9VGH	No
2URCBF	No	HUCPNH	No
34C3BD	No	HXELFX	No
3HXHDC	No	J7NBUW	No
3LWTAC	No	JLG8ME	No
4YWUMD	No	KC762D	No
69GKLB	No	L3GRJT	No
6JZ4XU	No	MT443C	No
6PQAYB	No	N3NV2A	No
73PX4A	No	PGNWEB	No
AGD7F6	No	PLYAWA	No
BF2RL6	No	PX9MDB	No
BLLY2N	No	Q3344A	No
CELY2L	No	Q8TDD8	No
EJPD63	No	QCN8B9	No

TABLE 1 - Item Q6

WebCode	Match	WebCode	Match
UBLGV6	No		
V2W3DK	No		
WDKNWK	No		
WEYZT4	No		
WWUTD3	No		
X4ALBJ	No		
X4P7VG	No		
XRDKP3	No		
YNFGHF	No		

Response Summary - Q6		Total Participants: 39
Match	Total	

Yes	0
No	39
Unable To Determine	0

TABLE 1 - Item Q7

WebCode	Match	WebCode	Match
2RLVWW	No	GD9VGH	No
2URCBF	No	HUCPNH	No
34C3BD	No	HXELFX	No
3HXHDC	No	J7NBUW	No
3LWTAC	No	JLG8ME	No
4YWUMD	No	KC762D	No
69GKLB	No	L3GRJT	No
6JZ4XU	No	MT443C	No
6PQAYB	No	N3NV2A	<input type="text" value="Yes"/>
73PX4A	No	PGNWEB	<input type="text" value="Yes"/>
AGD7F6	No	PLYAWA	No
BF2RL6	No	PX9MDB	No
BLLY2N	No	Q3344A	No
CELY2L	No	Q8TDD8	No
EJPD63	No	QCN8B9	No

TABLE 1 - Item Q7

WebCode	Match	WebCode	Match
UBLGV6	No		
V2W3DK	No		
WDKNWK	No		
WEYZT4	No		
WWUTD3	No		
X4ALBJ	No		
X4P7VG	No		
XRDKP3	Yes		
YNFGHF	No		

Response Summary - Q7		Total Participants: 39
Match	Total	

Yes	3
No	36
Unable To Determine	0

TABLE 1 - Item Q8

WebCode	Match	WebCode	Match
2RLVWW	Yes	GD9VGH	Yes
2URCBF	Yes	HUCPNH	Yes
34C3BD	Yes	HXELFX	Yes
3HXHDC	Yes	J7NBUW	Yes
3LWTAC	Yes	JLG8ME	Yes
4YWUMD	Yes	KC762D	Yes
69GKLB	Yes	L3GRJT	Yes
6JZ4XU	Yes	MT443C	Yes
6PQAYB	Yes	N3NV2A	Yes
73PX4A	Yes	PGNWEB	Yes
AGD7F6	Yes	PLYAWA	Yes
BF2RL6	Yes	PX9MDB	Yes
BLLY2N	Yes	Q3344A	Yes
CELY2L	Yes	Q8TDD8	Yes
EJPD63	Yes	QCN8B9	Yes

TABLE 1 - Item Q8

WebCode	Match	WebCode	Match
UBLGV6	Yes		
V2W3DK	Yes		
WDKNWK	Yes		
WEYZT4	Yes		
WWUTD3	Yes		
X4ALBJ	Yes		
X4P7VG	Yes		
XRDKP3	Yes		
YNFGHF	Yes		

Response Summary - Q8		Total Participants: 39
Match	Total	

Yes	39
No	0
Unable To Determine	0

TABLE 1 - Item Q9

WebCode	Match	WebCode	Match
2RLVWW	No	GD9VGH	No
2URCBF	No	HUCPNH	No
34C3BD	No	HXELFX	No
3HXHDC	No	J7NBUW	No
3LWTAC	No	JLG8ME	No
4YWUMD	No	KC762D	No
69GKLB	No	L3GRJT	No
6JZ4XU	No	MT443C	No
6PQAYB	No	N3NV2A	No
73PX4A	No	PGNWEB	No
AGD7F6	No	PLYAWA	No
BF2RL6	No	PX9MDB	No
BLLY2N	No	Q3344A	No
CELY2L	No	Q8TDD8	No
EJPD63	No	QCN8B9	No

TABLE 1 - Item Q9

WebCode	Match	WebCode	Match
UBLGV6	No		
V2W3DK	No		
WDKNWK	No		
WEYZT4	No		
WWUTD3	No		
X4ALBJ	No		
X4P7VG	No		
XRDKP3	No		
YNFGHF	No		

Response Summary - Q9		Total Participants: 39
Match	Total	

Yes	0
No	39
Unable To Determine	0

TABLE 1 - Item Q10

WebCode	Match	WebCode	Match
2RLVWW	No	GD9VGH	No
2URCBF	No	HUCPNH	No
34C3BD	No	HXELFX	No
3HXHDC	No	J7NBUW	No
3LWTAC	No	JLG8ME	No
4YWUMD	No	KC762D	No
69GKLB	No	L3GRJT	No
6JZ4XU	No	MT443C	No
6PQAYB	No	N3NV2A	No
73PX4A	No	PGNWEB	No
AGD7F6	No	PLYAWA	No
BF2RL6	No	PX9MDB	No
BLLY2N	No	Q3344A	No
CELY2L	No	Q8TDD8	No
EJPD63	No	QCN8B9	No

TABLE 1 - Item Q10

WebCode	Match	WebCode	Match
UBLGV6	No		
V2W3DK	No		
WCKNWK	No		
WEYZT4	No		
WWUTD3	No		
X4ALBJ	No		
X4P7VG	No		
XRDKP3	No		
YNFGHF	No		

Response Summary - Q10		Total Participants: 39
Match	Total	

Yes	0
No	39
Unable To Determine	0

TABLE 1 - Item Q11

WebCode	Match	WebCode	Match
2RLVWW	No	GD9VGH	No
2URCBF	No	HUCPNH	No
34C3BD	No	HXELFX	No
3HXHDC	No	J7NBUW	No
3LWTAC	No	JLG8ME	No
4YWUMD	No	KC762D	No
69GKLB	No	L3GRJT	No
6JZ4XU	No	MT443C	No
6PQAYB	No	N3NV2A	UTD
73PX4A	No	PGNWEB	No
AGD7F6	No	PLYAWA	No
BF2RL6	No	PX9MDB	No
BLLY2N	No	Q3344A	No
CELY2L	No	Q8TDD8	No
EJPD63	No	QCN8B9	No

TABLE 1 - Item Q11

WebCode	Match	WebCode	Match
UBLGV6	No		
V2W3DK	No		
WDKNWK	No		
WEYZT4	No		
WWUTD3	No		
X4ALBJ	No		
X4P7VG	No		
XRDKP3	No		
YNFGHF	No		

Response Summary - Q11		Total Participants: 39
Match	Total	

Yes	0
No	38
Unable To Determine	1

TABLE 1 - Item Q12

WebCode	Match	WebCode	Match
2RLVWW	No	GD9VGH	No
2URCBF	No	HUCPNH	No
34C3BD	No	HXELFX	No
3HXHDC	No	J7NBUW	No
3LWTAC	No	JLG8ME	No
4YWUMD	No	KC762D	No
69GKLB	No	L3GRJT	No
6JZ4XU	No	MT443C	No
6PQAYB	No	N3NV2A	UTD
73PX4A	No	PGNWEB	No
AGD7F6	No	PLYAWA	No
BF2RL6	No	PX9MDB	No
BLLY2N	No	Q3344A	No
CELY2L	No	Q8TDD8	No
EJPD63	No	QCN8B9	No

TABLE 1 - Item Q12

WebCode	Match	WebCode	Match
UBLGV6	No		
V2W3DK	No		
WDKNWK	No		
WEYZT4	No		
WWUTD3	No		
X4ALBJ	No		
X4P7VG	No		
XRDKP3	No		
YNFGHF	No		

Response Summary - Q12		Total Participants: 39
Match	Total	

Yes	0
No	38
Unable To Determine	1

Tenprint Comparisons

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

TABLE 2 - Item Q13

WebCode	Match	Source	WebCode	Match	Source
2RLVWW	No		EJPD63	No	
2URCBF	No		GD9VGH	No	
34C3BD	No		HUCPNH	No	
3HXHDC	No		HXELEX	No	
3LWTAC	No		J7NBUW	No	
4YWUMD	No		JLG8ME	No	
69GKLB	No		KC762D	No	
6JZ4XU	No		L3GRJT	No	
6PQAYB	No		MT443C	No	
73PX4A	No		N3NV2A	No	
AGD7F6	No		PGNWEB	No	
BF2RL6	No		PLYAWA	No	
BLLY2N	No		PX9MDB	No	
CELY2L	No		Q3344A	No	

TABLE 2 - Item Q13

WebCode	Match	Source	WebCode	Match	Source
Q8TDD8	No				
QCN8B9	No				
UBLGV6	No				
V2W3DK	No				
WDKNWK	No				
WEYZT4	No				
WWUTD3	No				
X4ALBJ	No				
X4P7VG	No				
XRDKP3	No				
YNFGHF	No				

Response Summary - Q13		Total Participants: 39
Match	Total	Source
Yes	0	(N/A for non-associations)
No	39	
Unable To Determine	0	

TABLE 2 - Item Q14

WebCode	Match	Source	WebCode	Match	Source
2RLVWW	No		GD9VGH	No	
2URCBF	No		HUCPNH	No	
34C3BD	No		HXELEFX	No	
3HXHDC	No		J7NBUW	No	
3LWTAC	No		JLG8ME	No	
4YWUMD	No		KC762D	No	
69GKLB	No		L3GRJT	No	
6JZ4XU	No		MT443C	No	
6PQAYB	No		N3NV2A	No	
73PX4A	No		PGNWEB	No	
AGD7F6	No		PLYAWA	No	
BF2RL6	No		PX9MDB	No	
BLLY2N	No		Q3344A	No	
CELY2L	No		Q8TDD8	No	
EJPD63	No		QCN8B9	No	

TABLE 2 - Item Q14

WebCode	Match	Source	WebCode	Match	Source
UBLGV6	No				
V2W3DK	No				
WDKNWK	No				
WEYZT4	No				
WWUTD3	No				
X4ALBJ	No				
X4P7VG	No				
XRDKP3	No				
YNFGHF	No				

Response Summary - Q14		Total Participants: 39	
Match	Total	Source	
Yes	0	(N/A for non-associations)	
No	39		
Unable To Determine	0		

TABLE 2 - Item Q15

WebCode	Match	Source	WebCode	Match	Source
2RLVWW	No		GD9VGH	No	
2URCBF	No		HUCPNH	No	
34C3BD	No		HXELEFX	No	
3HXHDC	No		J7NBUW	No	
3LWTAC	No		JLG8ME	No	
4YWUMD	No		KC762D	No	
69GKLB	No		L3GRJT	No	
6JZ4XU	No		MT443C	No	
6PQAYB	No		N3NV2A	No	
73PX4A	No		PGNWEB	No	
AGD7F6	No		PLYAWA	No	
BF2RL6	No		PX9MDB	No	
BLLY2N	No		Q3344A	No	
CELY2L	No		Q8TDD8	No	
EJPD63	No		QCN8B9	No	

TABLE 2 - Item Q15

WebCode	Match	Source	WebCode	Match	Source
UBLGV6	No				
V2W3DK	No				
WDKNWK	No				
WEYZT4	No				
WWUTD3	No				
X4ALBJ	No				
X4P7VG	No				
XRDKP3	No				
YNFGHF	No				

Response Summary - Q15		Total Participants: 39	
Match	Total	Source	
Yes	0	(N/A for non-associations)	
No	39		
Unable To Determine	0		

TABLE 2 - Item Q16

WebCode	Match	Source	WebCode	Match	Source
2RLVWW	Yes	A	GD9VGH	Yes	A
2URCBF	Yes	A	HUCPNH	Yes	A
34C3BD	Yes	A	HXELEFX	Yes	A
3HXHDC	Yes	A	J7NBUW	Yes	A
3LWTAC	Yes	A	JLG8ME	Yes	A
4YWUMD	Yes	A	KC762D	Yes	A
69GKLB	Yes	A	L3GRJT	Yes	A
6JZ4XU	Yes	A	MT443C	Yes	A
6PQAYB	Yes	A	N3NV2A	Yes	A
73PX4A	Yes	A	PGNWEB	Yes	A
AGD7F6	Yes	A	PLYAWA	Yes	A
BF2RL6	Yes	A	PX9MDB	Yes	A
BLLY2N	Yes	A	Q3344A	Yes	A
CELY2L	Yes	A	Q8TDD8	Yes	A
EJPD63	Yes	A	QCN8B9	Yes	A

TABLE 2 - Item Q16

WebCode	Match	Source	WebCode	Match	Source
UBLGV6	Yes	A			
V2W3DK	Yes	A			
WDKNWK	Yes	A			
WEYZT4	Yes	A			
WWUTD3	Yes	A			
X4ALBJ	Yes	A			
X4P7VG	Yes	A			
XRDKP3	Yes	A			
YNFGHF	Yes	A			

Response Summary - Q16			Total Participants: 39
Match	Total	Source	
Yes	39	A (39)	
No	0		
Unable To Determine	0		

TABLE 2 - Item Q17

WebCode	Match	Source	WebCode	Match	Source
2RLVWW	No		GD9VGH	No	
2URCBF	No		HUCPNH	No	
34C3BD	No		HXELEFX	No	
3HXHDC	No		J7NBUW	No	
3LWTAC	No		JLG8ME	No	
4YWUMD	No		KC762D	No	
69GKLB	No		L3GRJT	No	
6JZ4XU	No		MT443C	No	
6PQAYB	No		N3NV2A	No	
73PX4A	No		PGNWEB	No	
AGD7F6	No		PLYAWA	No	
BF2RL6	No		PX9MDB	No	
BLLY2N	No		Q3344A	No	
CELY2L	No		Q8TDD8	No	
EJPD63	No		QCN8B9	No	

TABLE 2 - Item Q17

WebCode	Match	Source	WebCode	Match	Source
UBLGV6	No				
V2W3DK	No				
WDKNWK	No				
WEYZT4	No				
WWUTD3	No				
X4ALBJ	No				
X4P7VG	No				
XRDKP3	No				
YNFGHF	No				

Response Summary - Q17			Total Participants: 39
Match	Total	Source	
Yes	0	(N/A for non-associations)	
No	39		
Unable To Determine	0		

TABLE 2 - Item Q18

WebCode	Match	Source	WebCode	Match	Source
2RLVWW	No		GD9VGH	No	
2URCBF	No		HUCPNH	No	
34C3BD	No		HXELEFX	No	
3HXHDC	No		J7NBUW	No	
3LWTAC	No		JLG8ME	No	
4YWUMD	No		KC762D	No	
69GKLB	No		L3GRJT	No	
6JZ4XU	No		MT443C	No	
6PQAYB	No		N3NV2A	No	
73PX4A	No		PGNWEB	No	
AGD7F6	No		PLYAWA	No	
BF2RL6	No		PX9MDB	No	
BLLY2N	No		Q3344A	No	
CELY2L	No		Q8TDD8	No	
EJPD63	No		QCN8B9	No	

TABLE 2 - Item Q18

WebCode	Match	Source	WebCode	Match	Source
UBLGV6	No				
V2W3DK	No				
WDKNWK	No				
WEYZT4	No				
WWUTD3	No				
X4ALBJ	No				
X4P7VG	No				
XRDKP3	No				
YNFGHF	No				

Response Summary - Q18		Total Participants: 39	
Match	Total	Source	
Yes	0	(N/A for non-associations)	
No	39		
Unable To Determine	0		

TABLE 2 - Item Q19

WebCode	Match	Source	WebCode	Match	Source
2RLVWW	No		GD9VGH	No	
2URCBF	No		HUCPNH	No	
34C3BD	No		HXELEFX	No	
3HXHDC	No		J7NBUW	No	
3LWTAC	No		JLG8ME	No	
4YWUMD	No		KC762D	No	
69GKLB	No		L3GRJT	No	
6JZ4XU	No		MT443C	No	
6PQAYB	No		N3NV2A	No	
73PX4A	No		PGNWEB	No	
AGD7F6	No		PLYAWA	No	
BF2RL6	No		PX9MDB	No	
BLLY2N	No		Q3344A	No	
CELY2L	No		Q8TDD8	No	
EJPD63	No		QCN8B9	No	

TABLE 2 - Item Q19

WebCode	Match	Source	WebCode	Match	Source
UBLGV6	No				
V2W3DK	No				
WDKNWK	No				
WEYZT4	No				
WWUTD3	No				
X4ALBJ	No				
X4P7VG	No				
XRDKP3	No				
YNFGHF	No				

Response Summary - Q19		Total Participants: 39	
Match	Total	Source	
Yes	0	(N/A for non-associations)	
No	39		
Unable To Determine	0		

TABLE 2 - Item Q20

WebCode	Match	Source	WebCode	Match	Source
2RLVWW	Yes	D	GD9VGH	Yes	D
2URCBF	Yes	D	HUCPNH	Yes	D
34C3BD	Yes	D	HXELEX	Yes	D
3HXHDC	Yes	D	J7NBUW	Yes	D
3LWTAC	Yes	D	JLG8ME	Yes	D
4YWUMD	Yes	D	KC762D	Yes	D
69GKLB	Yes	D	L3GRJT	Yes	D
6JZ4XU	Yes	D	MT443C	Yes	D
6PQAYB	Yes	D	N3NV2A	Yes	D
73PX4A	Yes	D	PGNWEB	Yes	D
AGD7F6	Yes	D	PLYAWA	Yes	D
BF2RL6	Yes	D	PX9MDB	Yes	D
BLLY2N	Yes	D	Q3344A	Yes	D
CELY2L	Yes	D	Q8TDD8	Yes	D
EJPD63	Yes	D	QCN8B9	Yes	D

TABLE 2 - Item Q20

WebCode	Match	Source	WebCode	Match	Source
UBLGV6	Yes	D			
V2W3DK	Yes	D			
WDKNWK	Yes	D			
WEYZT4	Yes	D			
WWUTD3	Yes	D			
X4ALBJ	Yes	D			
X4P7VG	Yes	D			
XRDKP3	Yes	D			
YNFGHF	Yes	D			

Response Summary - Q20		Total Participants: 39	
Match	Total	Source	

Yes	39	D (39)	
No	0		
Unable To Determine	0		

Additional Comments

TABLE 3

WebCode	Additional Comments
3LWTAC	This was a great test. I have over 13 years of 10print and latent print comparison and this was a well created test. Thank you

-End of Report-
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

Test No. 20-5141: Tenprint Examination

DATA MUST BE SUBMITTED BY **July 6, 2020, 11:59 p.m.** TO BE INCLUDED IN THE REPORT

Participant Code: U1234A

WebCode: 7D7HN8

Scenario:

The following prints, including single-print card pairs and tenprint cards, are in need of manual comparison. For the single prints, please compare the like-numbered Questioned and Standard print pairs to determine if they originate from the same source. For the tenprint cards, please compare each Questioned item to the pool of Standard items to determine if any of the Questioned tenprint cards share a common source with any of the Standard tenprint cards.

For the single print pairs, open the like-numbered Questioned and Standard files and compare the two prints.

For the tenprint cards, open a Questioned file and compare it to each Standard file. If a match is found, indicate the letter of the Standard card that was identified as sharing a common source with the Questioned card.

The files within the 'TIF' and 'JPG' folders are the same items, just provided in different formats.

For this test, you are not limited to conducting only on-screen comparisons and may employ any other method you wish. However, because of differences in printing technology, CTS cannot guarantee the quality of images you print from the digital media.

Items Submitted (Sample Pack TPE):

Items Q1-Q12: Twelve single-print card pairs, in TIF and JPG formats.

Items Q13-Q20: Eight questioned tenprint cards, in TIF and JPG formats.

Items A-H: Eight standard tenprint cards for comparison to Q13-Q20, in TIF and JPG formats.

To verify a complete and accurate download, the hash value for the downloaded .ZIP file is as follows:

20-5141 Tenprint Examination.zip MD5 hash value: ecf16f541674d52b7e5c9f6d6ce8ec87

20-5141 Tenprint Examination.zip SHA1 hash value: 54e80dbb5da2e28b85d56acd406d65bf73dad3c8

1.) Does each pair of the following collected single-print cards originate from the same source?

*If "Unable to Determine" is selected, please explain your reasoning in the Additional Comments.

	Yes	No	Unable to Determine*
Q1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Yes	No	Unable to Determine*
Q5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Yes	No	Unable to Determine*
Q9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.) Do any of the Questioned tenprint cards (Q13-Q20) share a common source with any of the Standard tenprint cards (A-H)? If so, please identify the letter of the Standard card with which a common source is shared.

*If "Unable to Determine" is selected, please explain your reasoning in the Additional Comments.

	Yes	No	Unable to Determine*
Q13	<input type="radio"/> <input type="text"/>	<input type="radio"/>	<input type="radio"/>
Q14	<input type="radio"/> <input type="text"/>	<input type="radio"/>	<input type="radio"/>
Q15	<input type="radio"/> <input type="text"/>	<input type="radio"/>	<input type="radio"/>
Q16	<input type="radio"/> <input type="text"/>	<input type="radio"/>	<input type="radio"/>

	Yes	No	Unable to Determine*
Q17	<input type="radio"/> <input type="text"/>	<input type="radio"/>	<input type="radio"/>
Q18	<input type="radio"/> <input type="text"/>	<input type="radio"/>	<input type="radio"/>
Q19	<input type="radio"/> <input type="text"/>	<input type="radio"/>	<input type="radio"/>
Q20	<input type="radio"/> <input type="text"/>	<input type="radio"/>	<input type="radio"/>

3.) Additional Comments

Please note: Any additional formatting applied in the free form space below will not transfer to the Summary Report and may cause your information to be illegible. This includes additional spacing and returns that present your responses in lists and tabular formats.

RELEASE OF DATA TO ACCREDITATION BODIES

The Accreditation Release is accessed by pressing the "Continue to Final Submission" button online and can be completed at any time prior to submission to CTS.

CTS submits external proficiency test data directly to ASCLD/LAB, ANAB, and/or A2LA. Please select one of the following statements to ensure your data is handled appropriately.

- This participant's data is intended for submission to ASCLD/LAB, ANAB, and/or A2LA. (Accreditation Release section below must be completed.)
- This participant's data is **not** intended for submission to ASCLD/LAB, ANAB, and/or A2LA.

Have the laboratory's designated individual complete the following steps **only if your laboratory is accredited in this testing/calibration discipline** by one or more of the following Accreditation Bodies.

Step 1: Provide the applicable Accreditation Certificate Number(s) for your laboratory.

ANAB Certificate No.
(Include ASCLD/LAB Certificate here)

A2LA Certificate No.

Step 2: Complete the Laboratory Identifying Information in its entirety.

Authorized Contact Person and Title

Laboratory Name

Location (City/State)