Tenprint Examination Test No. 17-514 Summary Report

This test was sent to 36 participants. Each sample pack contained twelve single print pairs and eight tenprint card pairs. Participants were asked to compare the two prints within each pair to determine whether or not they originated from the same finger (single print pairs) or same individual (tenprint pairs). Data were returned from 29 participants (81% response rate) and are compiled into the following tables:

	<u>Page</u>
Manufacturer's Information	<u>2</u>
Summary Comments	<u>3</u>
Table 1a: Comparisons - Single Prints	<u>4</u>
Table 1b: Comparisons - Tenprints	<u>28</u>
Table 2: Additional Comments	44

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.

Manufacturer's Information

Each digital sample pack consisted of twenty pairs of collected fingerprints for comparison. Items Q1-Q12 contained single print pairs, and Items Q13-Q20 contained tenprint card pairs. Participants were asked to compare the two prints or sets of prints within each pair to determine if both originated from a single source.

SAMPLE PREPARATION-

Utilizing several anonymized databases containing a limited number of fingerprints, both visual comparison and AFIX comparison software were used to find prints with similar first and second-level details. These prints were then paired together as a single questioned item and the process repeated for all test items. Different sets of prints from the same individual were paired together for the matching items. 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 Pair	Same Source?
Q1	No	Q13	Yes
Q2	Yes	Q14	No
Q3	No	Q15	No
Q4	No	Q16	No
Q5	Yes	Q17	No
Q6	No	Q18	No
Q7	No	Q19	Yes
Q8	Yes	Q20	No
Q9	Yes		
Q10	No		
Q11	Yes		
Q12	No		

Summary Comments

Each digital sample pack contained twenty pairs of collected fingerprints for comparison. Each pair contained either two single prints or two tenprint cards. Participants were asked to determine if the two collected prints within each pair originated from a single source.

Of the twenty-nine responding participants, twenty-eight (97%) reported the expected responses for all twelve single-print pairs and eight tenprint pairs. One participant reported that both tenprint cards originated from a single source in Items Q16 and Q20; the expected response was different sources.

Additional comments on the test centered on better image functionality for comparison. Participants have expressed an interest in having the individual print pairs placed in separate images for better maneuverability. This change will be instituted for both the TIF and JPG files in future tests. Additionally, a new format for the tenprint card comparison section will be introduced to create a more casework-like setup than this test currently offers.

Comparisons - Single Prints

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

TABLE 1a - Item Q1

24TWEY No LL8YHF No 2HTU3V No LNW73C No 2WBK2X No NA7FV6 No 3HB4QQ No NCA9P4 No 4DAGCT No NWHDDD No 4ZP29T No NY8KXA No 82AR9N No Q8D7Y9 No 8MQ3AL No W89WAV No A4MAGJ No XJ47TX No ALKBWH No ZQRZHR No BPKZBP No E98PYE No FMWE8F No HDMUWH No HZZMZH No HZZMZH No	WebCode	Match	WebCode	Match	WebCode	Match
2WBK2X No NA7FV6 No 3HB4QQ No NCA9P4 No 4DAGCT No NWHDDD No 4ZP29T No NY8KXA No 82AR9N No Q8D7Y9 No 8MQ3AL No W89WAV No A4MAGJ No XJ47TX No AEPP3H No Z9BWWZ No BPKZBP No ZQRZHR No F98PYE No F92Z8L No FMWE8F No HDMUWH No HZZMZH No No	24TWEY	No	LL8YHF	No		
3HB4QQ No NCA9P4 No 4DAGCT No NWHDDD No 4ZP29T No NY8KXA No 82AR9N No Q8D7Y9 No 8MQ3AL No W89WAV No A4MAGJ No XJ47TX No AEPP3H No Z9BWWZ No BPKZBP No ZQRZHR No F92ZBL No F92ZBL No HDMUWH No HDMUWH No	2HTU3V	No	LNW73C	No		
4DAGCT No NWHDDD No 4ZP29T No NY8KXA No 82AR9N No Q8D7Y9 No 8MQ3AL No W89WAV No A4MAGJ No XJ47TX No AEPP3H No Z9BWWZ No ALKBWH No ZQRZHR No BPKZBP No F92ZBL No FMWE8F No HDMUWH No HZZMZH No No	2WBK2X	No	NA7FV6	No		
4ZP29T No NY8KXA No 82AR9N No Q8D7Y9 No 8MQ3AL No W89WAV No A4MAGJ No XJ47TX No AEPP3H No Z9BWWZ No ALKBWH No ZQRZHR No BPKZBP No F92Z8L No FMWE8F No HDMUWH No HDMUWH No HDMUWH No	3HB4QQ	No	NCA9P4	No		
82AR9N No Q8D7Y9 No 8MQ3AL No W89WAV No A4MAGJ No XJ47TX No AEPP3H No Z9BWWZ No ALKBWH No ZQRZHR No BPKZBP No No F92Z8L No FMWE8F No HDMUWH No HZZMZH No No No	4DAGCT	No	NWHDDD	No		
8MQ3AL No W89WAV No A4MAGJ No XJ47TX No AEPP3H No Z9BWWZ No ALKBWH No ZQRZHR No BPKZBP No No F92Z8L No FMWE8F No HDMUWH No HDMUWH No HZZMZH No No No	4ZP29T	No	NY8KXA	No		
A4MAGJ No XJ47TX No AEPP3H No Z9BWWZ No ALKBWH No ZQRZHR No BPKZBP No No F92Z8L No FMWE8F No HDMUWH No HZZMZH No No No	82AR9N	No	Q8D7Y9	No		
AEPP3H No Z9BWWZ No ALKBWH No ZQRZHR No BPKZBP No E98PYE No F92Z8L No HDMUWH No HZZMZH No	8MQ3AL	No	W89WAV	No		
ALKBWH No ZQRZHR No BPKZBP No E98PYE No F92Z8L No FMWE8F No HDMUWH No HZZMZH No	A4MAGJ	No	XJ47TX	No		
BPKZBP No E98PYE No F92Z8L No FMWE8F No HDMUWH No HZZMZH No	AEPP3H	No	Z9BWWZ	No		
E98PYE No F92Z8L No FMWE8F No HDMUWH No HZZMZH No	ALKBWH	No	ZQRZHR	No		
F92Z8L No FMWE8F No HDMUWH No HZZMZH No	BPKZBP	No				
FMWE8F No HDMUWH No HZZMZH No	E98PYE	No				
HDMUWH No HZZMZH No	F92Z8L	No				
HZZMZH No	FMWE8F	No				
	HDMUWH	No				
L2GNVF No	HZZMZH	No				
	L2GNVF	No				

Response Summary - Q1		Total Participants: 29
Match	Total	
Yes	0	
No	29	
Unable To Determine	0	

TABLE 1a - Item Q2

		17 DLL 1G	nem Q2		
WebCode	Match	WebCode	Match	WebCode	Match
24TWEY	Yes	LNW73C	Yes		
2HTU3V	Yes	NA7FV6	Yes		
2WBK2X	Yes	NCA9P4	Yes		
3HB4QQ	Yes	NWHDDD	Yes		
4DAGCT	Yes	NY8KXA	Yes		
4DAGC1	res	NIONA	res		
4ZP29T	Yes	Q8D7Y9	Yes		
82AR9N	Yes	W89WAV	Yes		
8MQ3AL	Yes	XJ47TX	Yes		
A4MAGJ	Yes	Z9BWWZ	Yes		
AEPP3H	Yes	ZQRZHR	Yes		
ALITOIT	163	ZQNZIIN	163		
ALKBWH	Yes				
BPKZBP	Yes				
5000/5	V				
E98PYE	Yes				
F92Z8L	Yes				
FMWE8F	Yes				
17777201	103				
HDMUWH	Yes				
HZZMZH	Yes				
L2GNVF	Yes				
LL8YHF	Yes				

Response Summary - Q2		Total Participants: 29
Match	Total	
Yes	29	
No	0	
Unable To Determine	0	

TABLE 1a - Item Q3

		17 (DLL 1G	nem Qo		
WebCode	Match	WebCode	Match	WebCode	Match
24TWEY	No	LNW73C	No		
2HTU3V	No	NA7FV6	No		
2WBK2X	No	NCA9P4	No		
3HB4QQ	No	NWHDDD	No		
4DAGCT	No	NY8KXA	No		
4ZP29T	No	Q8D7Y9	No		
82AR9N	No	W89WAV	No		
8MQ3AL	No	XJ47TX	No		
A4MAGJ	No	Z9BWWZ	No		
AEPP3H	No	ZQRZHR	No		
ALKBWH	No				
BPKZBP	No				
E98PYE	No				
F92Z8L	No				
FMWE8F	No				
HDMUWH	No				
HZZMZH	No				
L2GNVF	No				
LL8YHF	No				

Response Summary - Q3		Total Participants: 29
Match	Total	
Yes	0	
No	29	
Unable To Determine	0	

TABLE 1a - Item Q4

WebCode	Match	WebCode	Match	WebCode	Match
24TWEY	No	LNW73C	No		
2HTU3V	No	NA7FV6	Ne		
2111037	INO	NA/T VO	No		
2WBK2X	No	NCA9P4	No		
3HB4QQ	No	NWHDDD	No		
31 1D4QQ	NO	NWIIDD	140		
4DAGCT	No	NY8KXA	No		
4ZP29T	No	Q8D7Y9	No		
721271	140	Q0D/1/	140		
82AR9N	No	W89WAV	No		
8MQ3AL	No	XJ47TX	No		
O/VIQO/\L	140	754717	140		
A4MAGJ	No	Z9BWWZ	No		
AEPP3H	No	ZQRZHR	No		
/ LETT OTT	110	ZGNZIII	110		
ALKBWH	No				
BPKZBP	No				
DI INZBI	110				
E98PYE	No				
F92Z8L	No				
.,	· · · -				
FMWE8F	No				
HDMUWH	No				
HZZMZH	No				
L2GNVF	No				
LL8YHF	No				
				I	

Response Summary - Q4		Total Participants: 29
Match	Total	
Yes	0	
No	29	
Unable To Determine	0	

TABLE 1a - Item Q5

		17 (DLL 1G	nem Qo		
WebCode	Match	WebCode	Match	WebCode	Match
24TWEY	Yes	LNW73C	Yes		
2HTU3V	Yes	NA7FV6	Yes		
2WBK2X	Yes	NCA9P4	Yes		
3HB4QQ	Yes	NWHDDD	Yes		
4DAGCT	Yes	NY8KXA	Yes		
	V	0.007.40	V		
4ZP29T	Yes	Q8D7Y9	Yes		
82AR9N	Yes	W89WAV	Yes		
8MQ3AL	Yes	XJ47TX	Yes		
A4MAGJ	Yes	Z9BWWZ	Yes		
AEPP3H	Yes	ZQRZHR	Yes		
ALKBWH	Yes				
BPKZBP	Yes				
E98PYE	Yes				
F92Z8L	Yes				
FMWE8F	Yes				
HDMUWH	Yes				
HZZMZH	Yes				
L2GNVF	Yes				
LL8YHF	Yes				

Response Summary - Q5		Total Participants: 29
Match	Total	
Yes	29	
No	0	
Unable To Determine	0	

TABLE 1a - Item Q6

		17 (DLL 1G	nem Qo		
WebCode	Match	WebCode	Match	WebCode	Match
24TWEY	No	LNW73C	No		
2HTU3V	No	NA7FV6	No		
2WBK2X	No	NCA9P4	No		
3HB4QQ	No	NWHDDD	No		
4DAGCT	No	NY8KXA	No		
4ZP29T	No	Q8D7Y9	No		
82AR9N	No	W89WAV	No		
8MQ3AL	No	XJ47TX	No		
A4MAGJ	No	Z9BWWZ	No		
AEPP3H	No	ZQRZHR	No		
ALKBWH	No				
BPKZBP	No				
E98PYE	No				
F92Z8L	No				
FMWE8F	No				
HDMUWH	No				
HZZMZH	No				
L2GNVF	No				
LL8YHF	No				

Response Summary - Q6		Total Participants: 29
Match	Total	
Yes	0	
No	29	
Unable To Determine	0	

TABLE 1a - Item Q7

		17 (DLL 1G	nem Q/		
WebCode	Match	WebCode	Match	WebCode	Match
24TWEY	No	LNW73C	No		
2HTU3V	No	NA7FV6	No		
2WBK2X	No	NCA9P4	No		
3HB4QQ	No	NWHDDD	No		
4DAGCT	No	NY8KXA	No		
4ZP29T	No	Q8D7Y9	No		
82AR9N	No	W89WAV	No		
8MQ3AL	No	XJ47TX	No		
A4MAGJ	No	Z9BWWZ	No		
AEPP3H	No	ZQRZHR	No		
ALKBWH	No				
BPKZBP	No				
E98PYE	No				
F92Z8L	No				
FMWE8F	No				
HDMUWH	No				
HZZMZH	No				
L2GNVF	No				
LL8YHF	No				

Response Summary - Q7		Total Participants: 29
Match	Total	
Yes	0	
No	29	
Unable To Determine	0	

TABLE 1a - Item Q8

		17 DLL 1G	nem Qo		
WebCode	Match	WebCode	Match	WebCode	Match
24TWEY	Yes	LNW73C	Yes		
2HTU3V	Yes	NA7FV6	Yes		
2WBK2X	Yes	NCA9P4	Yes		
3HB4QQ	Yes	NWHDDD	Yes		
4DAGCT	Yes	NY8KXA	Yes		
40/1001	163	14101004	163		
4ZP29T	Yes	Q8D7Y9	Yes		
82AR9N	Yes	W89WAV	Yes		
0140241	V	V147TV	V		
8MQ3AL	Yes	XJ47TX	Yes		
A4MAGJ	Yes	Z9BWWZ	Yes		
AEPP3H	Yes	ZQRZHR	Yes		
ALKBWH	Yes				
BPKZBP	Yes				
E98PYE	Yes				
F92Z8L	Yes				
FMWE8F	Yes				
HDMUWH	Yes				
TIDIMOWIT	163				
HZZMZH	Yes				
L2GNVF	Yes				
11.02/115	V				
LL8YHF	Yes				
				-	

Response Summary - Q8		Total Participants: 29
Match	Total	
Yes	29	
No	0	
Unable To Determine	0	

TABLE 1a - Item Q9

		17 DLL 10	nem Q7		
WebCode	Match	WebCode	Match	WebCode	Match
24TWEY	Yes	LNW73C	Yes		
2HTU3V	Yes	NA7FV6	Yes		
2WBK2X	Yes	NCA9P4	Yes		
3HB4QQ	Yes	NWHDDD	Yes		
4DAGCT	Yes	NY8KXA	Yes		
40/1001	163	14101004	163		
4ZP29T	Yes	Q8D7Y9	Yes		
82AR9N	Yes	W89WAV	Yes		
0140241	V	V147TV	V		
8MQ3AL	Yes	XJ47TX	Yes		
A4MAGJ	Yes	Z9BWWZ	Yes		
AEPP3H	Yes	ZQRZHR	Yes		
ALKBWH	Yes				
BPKZBP	Yes				
E98PYE	Yes				
2,0112	100				
F92Z8L	Yes				
FMWE8F	Yes				
HDMUWH	Yes				
TIDIMOWIT	res				
HZZMZH	Yes				
L2GNVF	Yes				
11.00% 15	V				
LL8YHF	Yes				
	•			•	

Response Summary - Q9		Total Participants: 29
Match	Total	
Yes	29	
No	0	
Unable To Determine	0	

TABLE 1a - Item Q10

			nem Q re		
WebCode	Match	WebCode	Match	WebCode	Match
24TWEY	No	LNW73C	No		
2HTU3V	No	NA7FV6	No		
2WBK2X	No	NCA9P4	No		
3HB4QQ	No	NWHDDD	No		
4DAGCT	No	NY8KXA	No		
4ZP29T	No	Q8D7Y9	No		
82AR9N	No	W89WAV	No		
8MQ3AL	No	XJ47TX	No		
A4MAGJ	No	Z9BWWZ	No		
АЕРРЗН	No	ZQRZHR	No		
ALKBWH	No				
BPKZBP	No				
E98PYE	No				
F92Z8L	No				
FMWE8F	No				
HDMUWH	No				
HZZMZH	No				
L2GNVF	No				
LL8YHF	No				
				1	

Response Summary - Q10		Total Participants: 29
Match	Total	
Yes	0	
No	29	
Unable To Determine	0	

TABLE 1a - Item Q11

WebCode	Match	WebCode	Match	WebCode	Match
24TWEY	Yes	LNW73C	Yes		
2HTU3V	Yes	NA7FV6	Yes		
2WBK2X	Yes	NCA9P4	Yes		
3HB4QQ	Yes	NWHDDD	Yes		
4DAGCT	Yes	NY8KXA	Yes		
4ZP29T	Yes	Q8D7Y9	Yes		
82AR9N	Yes	W89WAV	Yes		
8MQ3AL	Yes	XJ47TX	Yes		
A4MAGJ	Yes	Z9BWWZ	Yes		
AEPP3H	Yes	ZQRZHR	Yes		
ALKBWH	Yes				
BPKZBP	Yes				
E98PYE	Yes				
F92Z8L	Yes				
FMWE8F	Yes				
HDMUWH	Yes				
HZZMZH	Yes				
L2GNVF	Yes				
LL8YHF	Yes				
		I		I	

Response Summary - Q11		Total Participants: 29
Match	Total	
Yes	29	
No	0	
Unable To Determine	0	

TABLE 1a - Item Q12

			Helli Q12		
WebCode	Match	WebCode	Match	WebCode	Match
24TWEY	No	LNW73C	No		
2HTU3V	No	NA7FV6	No		
OV VIDICOV		NGAORA			
2WBK2X	No	NCA9P4	No		
3HB4QQ	No	NWHDDD	No		
4DAGCT	No	NY8KXA	No		
15,1001		11101011			
4ZP29T	No	Q8D7Y9	No		
82AR9N	No	W89WAV	No		
8MQ3AL	No	XJ47TX	No		
A4MAGJ	No	Z9BWWZ	No		
AEPP3H	No	7 ∩ D7⊔D	No		
ALFFOIT	INO	ZQRZHR	INO		
ALKBWH	No				
BPKZBP	No				
E98PYE	No				
F92Z8L	No				
E) ////EOE					
FMWE8F	No				
HDMUWH	No				
HZZMZH	No				
1 1241 V 12 1	1 10				
L2GNVF	No				
LL8YHF	No				

Response Summary - Q12		Total Participants: 29
Match	Total	
Yes	0	
No	29	
Unable To Determine	0	

Comparisons - Tenprints

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

TABLE 1b - Item Q13

WebCode	Match	WebCode	Match	WebCode	Match
24TWEY	Yes	LL8YHF	Yes		
2HTU3V	Yes	LNW73C	Yes		
2WBK2X	Yes	NA7FV6	Yes		
3HB4QQ	Yes	NCA9P4	Yes		
4DAGCT	Yes	NWHDDD	Yes		
4ZP29T	Yes	NY8KXA	Yes		
82AR9N	Yes	Q8D7Y9	Yes		
8MQ3AL	Yes	W89WAV	Yes		
A4MAGJ	Yes	XJ47TX	Yes		
AEPP3H	Yes	Z9BWWZ	Yes		
ALKBWH	Yes	ZQRZHR	Yes		
BPKZBP	Yes				
E98PYE	Yes				
F92Z8L	Yes				
FMWE8F	Yes				
HDMUWH	Yes				
HZZMZH	Yes				
L2GNVF	Yes				

Response Summary - Q13		Total Participants: 29
Match	Total	
Yes	29	
No	0	
Unable To Determine	0	

TABLE 1b - Item Q14

WebCode	Match	WebCode	Match	WebCode	Match
24TWEY	No	LNW73C	No		
2HTU3V	No	NA7FV6	No		
2111037	140	114/1 10	INO		
2WBK2X	No	NCA9P4	No		
21.10.400	N.I.	V 1/4/1 1/2/2/2	NI		
3HB4QQ	No	NWHDDD	No		
4DAGCT	No	NY8KXA	No		
47DOOT	N	0007/0	NI		
4ZP29T	No	Q8D7Y9	No		
82AR9N	No	W89WAV	No		
0140041	N	V147TV	NI		
8MQ3AL	No	XJ47TX	No		
A4MAGJ	No	Z9BWWZ	No		
A EDDOLL		7007110	.		
AEPP3H	No	ZQRZHR	No		
ALKBWH	No				
BPKZBP	No				
E98PYE	No				
F92Z8L	No				
FMWE8F	No				
HDMUWH	No				
HZZMZH	No				
L2GNVF	No				
LL8YHF	No				

Response Summary - Q14		Total Participants: 29
Match	Total	
Yes	0	
No	29	
Unable To Determine	0	

TABLE 1b - Item Q15

WebCode	Match	WebCode	Match	WebCode	Match
24TWEY	No	LNW73C	No	- Webcode	Mercii
2HTU3V	No	NA7FV6	No		
2WBK2X	No	NCA9P4	No		
3HB4QQ	No	NWHDDD	No		
4DAGCT	No	NY8KXA	No		
4ZP29T	No	Q8D7Y9	No		
82AR9N	No	W89WAV	No		
8MQ3AL	No	XJ47TX	No		
A4MAGJ	No	Z9BWWZ	No		
AEPP3H	No	ZQRZHR	No		
ALKBWH	No				
BPKZBP	No				
E98PYE	No				
F92Z8L	No				
FMWE8F	No				
HDMUWH	No				
HZZMZH	No				
L2GNVF	No				
LL8YHF	No				
		I		I	

Response Summary - Q15		Total Participants: 29
Match	Total	
Yes	0	
No	29	
Unable To Determine	0	

TABLE 1b - Item Q16

WebCode	Match	WebCode	Match	WebCode	Match
24TWEY	No	LNW73C	No		
2HTU3V	No	NA7FV6	No		
2111001	. 10	100100	110		
2WBK2X	No	NCA9P4	No		
01.15.40.0		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.		
3HB4QQ	No	NWHDDD	No		
4DAGCT	No	NY8KXA	No		
4ZP29T	No	Q8D7Y9	No		
82AR9N	No	W89WAV	No		
02/ tit// 1 t	1 10	,,,,,,,	110		
8MQ3AL	No	XJ47TX	Yes		
A 4A 4A C I	NI	700\4/\4/7	N I		
A4MAGJ	No	Z9BWWZ	No		
AEPP3H	No	ZQRZHR	No		
ALKBWH	No				
BPKZBP	No				
DI KEDI	110				
E98PYE	No				
F00701	N.I.				
F92Z8L	No				
FMWE8F	No				
HDMUWH	No				
HZZMZH	No				
	3				
L2GNVF	No				
110)/115					
LL8YHF	No				
		I		I	

Response Summary - Q16		Total Participants: 29
Match	Total	
Yes	1	
No	28	
Unable To Determine	0	

TABLE 1b - Item Q17

WebCode	Match	WebCode	Match	WebCode	Match
24TWEY	No	LNW73C	No		
2HTU3V	No	NA7FV6	No		
2WBK2X	No	NCA9P4	No		
3HB4QQ	No	NWHDDD	No		
4DAGCT	No	NY8KXA	No		
4ZP29T	No	Q8D7Y9	No		
82AR9N	No	W89WAV	No		
8MQ3AL	No	XJ47TX	No		
A4MAGJ	No	Z9BWWZ	No		
AEPP3H	No	ZQRZHR	No		
ALKBWH	No				
BPKZBP	No				
E98PYE	No				
F92Z8L	No				
FMWE8F	No				
HDMUWH	No				
HZZMZH	No				
L2GNVF	No				
LL8YHF	No				
		l		1	

Response Summary - Q17		Total Participants: 29
Match	Total	
Yes	0	
No	29	
Unable To Determine	0	

TABLE 1b - Item Q18

WebCode	Match	WebCode	Match	WebCode	Match
24TWEY	No	LNW73C	No		
2HTU3V	No	NA7FV6	No		
2WBK2X	No	NCA9P4	No		
3HB4QQ	No	NWHDDD	No		
4DAGCT	No	NY8KXA	No		
4ZP29T	No	Q8D7Y9	No		
82AR9N	No	W89WAV	No		
8MQ3AL	No	XJ47TX	No		
A4MAGJ	No	Z9BWWZ	No		
AEPP3H	No	ZQRZHR	No		
ALKBWH	No				
BPKZBP	No				
E98PYE	No				
F92Z8L	No				
FMWE8F	No				
HDMUWH	No				
HZZMZH	No				
L2GNVF	No				
LL8YHF	No				
		l		1	

Response Summary - Q18		Total Participants: 29
Match	Total	
Yes	0	
No	29	
Unable To Determine	0	

TABLE 1b - Item Q19

WebCode Match WebCode Match WebCode Match 24TWEY Yes LNW73C Yes Ves 2HTU3V Yes NA7FV6 Yes Yes 2WBK2X Yes NCA9P4 Yes Yes 3HB4QQ Yes NWHDDD Yes Yes 4DAGCT Yes NY8KXA Yes Yes 82AR9N Yes W89WAV Yes XJ47TX Yes 8MQ3AL Yes X98WZ Yes Xes AEPP3H Yes ZQRZHR Yes Xes ALKBWH Yes Yes Yes Yes EP8PYE Yes Yes Yes Yes FMWE8F Yes Yes Yes Yes HZMZH Yes Yes Yes Yes LL8YHF Yes Yes Yes Yes Yes						
2HTU3V Yes NA7FV6 Yes 2WBK2X Yes NCA9P4 Yes 3HB4QQ Yes NWHDDD Yes 4DAGCT Yes NY8KXA Yes 4ZP29T Yes Q8D7Y9 Yes 82AR9N Yes W89WAV Yes 8MQ3AL Yes XJ47TX Yes A4MAGJ Yes ZQRZHR Yes ALKBWH Yes ZQRZHR Yes BPKZBP Yes Yes F92Z8L Yes Yes HDMUWH Yes HDMUWH Yes HZZMZH Yes L2GNVF Yes	WebCode	Match	WebCode	Match	WebCode	Match
2WBK2X Yes NCA9P4 Yes 3HB4QQ Yes NWHDDD Yes 4DAGCT Yes NY8KXA Yes 4ZP29T Yes Q8D7Y9 Yes 82AR9N Yes W89WAV Yes 8MQ3AL Yes XJ47TX Yes A4MAGJ Yes Z9BWWZ Yes ALKBWH Yes ZQRZHR Yes BPKZBP Yes Yes F92ZBL Yes Yes HDMUWH Yes Yes HZZMZH Yes Yes	24TWEY	Yes	LNW73C	Yes		
2WBK2X Yes NCA9P4 Yes 3HB4QQ Yes NWHDDD Yes 4DAGCT Yes NY8KXA Yes 4ZP29T Yes Q8D7Y9 Yes 82AR9N Yes W89WAV Yes 8MQ3AL Yes XJ47TX Yes A4MAGJ Yes Z9BWWZ Yes ALKBWH Yes ZQRZHR Yes BPKZBP Yes Yes F92ZBL Yes Yes HDMUWH Yes Yes HZZMZH Yes Yes	2HTU3V	Yes	NA7FV6	Yes		
3HB4QQ Yes NWHDDD Yes 4DAGCT Yes NY8KXA Yes 4ZP29T Yes Q8D7Y9 Yes 82AR9N Yes W89WAV Yes 8MQ3AL Yes XJ47TX Yes A4MAGJ Yes Z9BWWZ Yes AEPP3H Yes ZQRZHR Yes BPKZBP Yes Yes F92ZBL Yes Yes HDMUWH Yes Yes HZZMZH Yes Yes	2111007	103	100170	103		
4DAGCT Yes NY8KXA Yes 4ZP29T Yes Q8D7Y9 Yes 82AR9N Yes W89WAV Yes 8MQ3AL Yes XJ47TX Yes A4MAGJ Yes Z9BWWZ Yes AEPP3H Yes ZQRZHR Yes BPKZBP Yes Yes E98PYE Yes F92Z8L Yes FMWE8F Yes HDMUWH Yes HZZMZH Yes Yes L2GNVF Yes Yes	2WBK2X	Yes	NCA9P4	Yes		
4DAGCT Yes NY8KXA Yes 4ZP29T Yes Q8D7Y9 Yes 82AR9N Yes W89WAV Yes 8MQ3AL Yes XJ47TX Yes A4MAGJ Yes Z9BWWZ Yes AEPP3H Yes ZQRZHR Yes BPKZBP Yes Yes E98PYE Yes F92Z8L Yes FMWE8F Yes HDMUWH Yes HZZMZH Yes Yes L2GNVF Yes Yes	3HB400	Vos	NWHDDD	Vos		
4ZP29T Yes Q8D7Y9 Yes 82AR9N Yes W89WAV Yes 8MQ3AL Yes XJ47TX Yes A4MAGJ Yes Z9BWWZ Yes AEPP3H Yes ZQRZHR Yes ALKBWH Yes Yes E98PYE Yes Yes F92Z8L Yes Yes HDMUWH Yes Yes HZZMZH Yes Yes L2GNVF Yes Yes	JI ID+QQ	163	טטטוואאו	163		
82AR9N Yes W89WAV Yes 8MQ3AL Yes XJ47TX Yes A4MAGJ Yes Z9BWWZ Yes AEPP3H Yes ZQRZHR Yes BPKZBP Yes Yes E98PYE Yes Yes FMWE8F Yes HDMUWH Yes HZZMZH Yes Yes L2GNVF Yes Yes	4DAGCT	Yes	NY8KXA	Yes		
82AR9N Yes W89WAV Yes 8MQ3AL Yes XJ47TX Yes A4MAGJ Yes Z9BWWZ Yes AEPP3H Yes ZQRZHR Yes BPKZBP Yes Yes E98PYE Yes Yes FMWE8F Yes HDMUWH Yes HZZMZH Yes Yes L2GNVF Yes Yes	47D20T	Voc	O9D7V0	Voc		
8MQ3AL Yes XJ47TX Yes A4MAGJ Yes Z9BWWZ Yes AEPP3H Yes ZQRZHR Yes BPKZBP Yes E98PYE Yes FMWE8F Yes HDMUWH Yes L2GNVF Yes	421271	res	Q6D719	res		
A4MAGJ Yes Z9BWWZ Yes AEPP3H Yes ZQRZHR Yes ALKBWH Yes BPKZBP Yes E98PYE Yes F92Z8L Yes HDMUWH Yes HZZMZH Yes L2GNVF Yes	82AR9N	Yes	W89WAV	Yes		
A4MAGJ Yes Z9BWWZ Yes AEPP3H Yes ZQRZHR Yes ALKBWH Yes BPKZBP Yes E98PYE Yes F92Z8L Yes HDMUWH Yes HZZMZH Yes L2GNVF Yes	0140241	V a a	V147TV	V		
AEPP3H Yes ZQRZHR Yes ALKBWH Yes BPKZBP Yes E98PYE Yes F92Z8L Yes FMWE8F Yes HDMUWH Yes L2GNVF Yes	8MQ3AL	res	XJ471X	res		
ALKBWH Yes BPKZBP Yes E98PYE Yes F92Z8L Yes FMWE8F Yes HDMUWH Yes HZZMZH Yes L2GNVF Yes	A4MAGJ	Yes	Z9BWWZ	Yes		
ALKBWH Yes BPKZBP Yes E98PYE Yes F92Z8L Yes FMWE8F Yes HDMUWH Yes HZZMZH Yes L2GNVF Yes	4 EDDOLL	V	7007110			
BPKZBP Yes E98PYE Yes F92Z8L Yes FMWE8F Yes HDMUWH Yes HZZMZH Yes L2GNVF Yes	AEPP3H	Yes	ZQRZHR	Yes		
E98PYE Yes F92Z8L Yes FMWE8F Yes HDMUWH Yes HZZMZH Yes L2GNVF Yes	ALKBWH	Yes				
E98PYE Yes F92Z8L Yes FMWE8F Yes HDMUWH Yes HZZMZH Yes L2GNVF Yes						
F92Z8L Yes FMWE8F Yes HDMUWH Yes HZZMZH Yes L2GNVF Yes	BPKZBP	Yes				
FMWE8F Yes HDMUWH Yes HZZMZH Yes L2GNVF Yes	E98PYE	Yes				
FMWE8F Yes HDMUWH Yes HZZMZH Yes L2GNVF Yes						
HDMUWH Yes HZZMZH Yes L2GNVF Yes	F92Z8L	Yes				
HDMUWH Yes HZZMZH Yes L2GNVF Yes	FMWE8F	Yes				
HZZMZH Yes L2GNVF Yes						
L2GNVF Yes	HDMUWH	Yes				
L2GNVF Yes	HZZMZH	Yes				
LL8YHF Yes	L2GNVF	Yes				
	II.8YHF	Yes				
		, 30				

Response Summary - Q19		Total Participants: 29
Match	Total	
Yes	29	
No	0	
Unable To Determine	0	

TABLE 1b - Item Q20

WebCode	Match	WebCode	Match	WebCode	Match
24TWEY	No	LNW73C	No		
2HTU3V	No	NA7FV6	No		
2WBK2X	No	NCA9P4	No		
3HB4QQ	No	NWHDDD	No		
4DAGCT	No	NY8KXA	No		
4ZP29T	No	Q8D7Y9	No		
82AR9N	No	W89WAV	No		
8MQ3AL	No	XJ47TX	Yes		
A4MAGJ	No	Z9BWWZ	No		
AEPP3H	No	ZQRZHR	No		
ALKBWH	No				
BPKZBP	No				
E98PYE	No				
F92Z8L	No				
FMWE8F	No				
HDMUWH	No				
HZZMZH	No				
L2GNVF	No				
LL8YHF	No				
		I		I	

Response Summary - Q20		Total Participants: 29
Match	Total	
Yes	1	
No	28	
Unable To Determine	0	

Additional Comments

TABLE 2

WebCode	Additional Comments
2HTU3V	When examining the 1 to 1 questions, I found it very difficult to maneuver the prints individually. They should be side by side but in a way that you will be able to make bigger without it going off the page.
2WBK2X	On the pre-test and in previous years, I suggested putting the one-to-one images in separate windows, like the ten print images. No way to zoom and compare. If that cannot be done, at least put the images closer together, so that when they are zoomed you can still see both images. Also, the print function does not function from the test window. Neither does pressing "Control P". The only way to print the zoomed images so I could compare was using the "Print Screen" button on the computer.
3HB4QQ	Q13: same fingerprinting processing
4ZP29T	I wish we had the capability to lighten the prints and plot the way it is in AFIS makes for a difficult comparison.
F92Z8L	The second test was too hard to view. A side by side view of the images would be better. Preferably with only an inch to half inch space between the two images. When the images were enlarged they covered each other. It was hard to see if I had the correct images displayed. Toggling between the two images was hard. Had to print the images out individually to do the comparison.(Still printed the wrong prints.) This test was not user friendly. Very stressful
FMWE8F	Thought the level of difficulty was good for a tenprint examiner test.