

June 13, 1977  
2:40 AM 400 V 42 mA

EAP  
↓

BA	1	(1)	76-24966	(19)
B	2-1	(2)		(21)
E	2-1	(3)		(2) #17
B	2-1	(4)		(2) #1B
—	—	(5)		(3) #1
B	2-1	(6)		(3) #3
B	2-1	(7)		(3) #4
—	—	(8)		(7)
—	—	(9)		(8)
B	1	(10)	76-24967	victim
B?	1	(11)	76-25759	
A	1	(12)	MJ	

June 27, 1977  
9 AM 400 V 49 mA  
1:20 PM 400 V 53 mA

EAP

EAP	ESD	
B	1	(1) 76-25753 (2) #1
B	1	(2) #2
B	1	(3) #3
B	1	(4) #4
B	1	(5) (2D)
B	1	(6) (2E)
B	1	(7) (3)
B	1	(8) (7)
BA	2	(9) (6)
BA	2	(10) (7)
BA	2	(11) (8)
A	1	(12) MJ

11/25  
94

June 29, 1977  
 10:55 400 V 43 mA  
 3 PM

EAP  
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EAP	ESD		
BA	2	① 76-25753	⑨
-	2	②	⑩
BA	2	③	⑪
B	1	④ 76-26234	⑫
-	1	⑤ 76-25652	⑬ napkin
BA	1	⑥	⑭
BA	1	⑦	⑮ pad
B	1	⑧ 76-24967	⑯
B	1	⑨	⑰
-	-	⑩	⑱ 1A work (wells)
BA	2	⑪ 76-25753	⑲
A	1	⑫ MJ	⑳

June 30, 1977  
 10:25 400 V 48 mA  
 3:55 400 V 52 mA  
 current off ? time (lid open)

EAP

EAP	ESD		
BA	2	① 76-25753	Wellons
B	2-1	② 76-24966	③ #1
B	2-1	③ 76-25456	④
B?	-	④	⑤
B?	-	⑤	⑥
-	-	⑥	⑦
BA?	1	⑦ 76-25457	⑧ baby
BA?	1	⑧ 76-25459	⑨
BA?	1	⑨	⑩
B	1	⑩	⑪
B	1	⑪	⑫
A	1	⑫ MJ	⑬

10/25  
 84



July 1, 1977  
 10:45 AM 400V 43mA

EAP

↓

July 5, 1977  
 11:30 AM 400V 48mA  
 3:40 400V 53mA

10/25  
 82

EAP

ESD

B	1	①	76-25652	④
B	1	②	Pat Lordi	
B	1	③	76-25459	⑬ Swab
B	1	④		⑰
B	1	⑤		⑱
B	1	⑥		⑲
B	1	⑦		⑳
B	1	⑧		㉑
B	1	⑨		㉒
B	1	⑩	76-25456	⑩
B	1	⑪		⑯
B	1	⑫	MJ	

EAP

ESD

		①	76-25753	⑬ #1 left
		②		#2 "
		③		#3 "
		④		#4 "
		⑤		#5 "
		⑥		#1 jeans
B	1	⑦	76-26356	④
		⑧		⑤
		⑨	76-25770	⑬
		⑩		⑪
		⑪	76-25753	⑬ #3 sweater
A	1	⑫	MJ	
		⑬		



July 18, 1977  
 10-30 400V (48mA)  
 3:35 400V 56mA

EAD  
 ↑

Aug 1st  
~~July 29, 1977~~  
 9:15 AM 400V 46mA

EAD  
 ↓

10/25  
 97

EAP	ESD		
B	2-1	①	76-25459 ②3 suspect
BA	2-1	②	76-15410 ②2 suspect
* B	1	③	77-00254 ①
B	1	④	77-00345 ⑤
—	1	⑤	④
B	1	⑥	③
B	1	⑦	① & ③
B	1	⑧	77-00035 victim
—	—	⑨	↓ fetus
CB	1	⑩	77-00348 ④ orange top tub
* B	1	⑪	77-00254 ①
A	1	⑬	MJ

EAP	ESD		
B <sup>2</sup>	—	①	77-00676 ①
B	—	②	77-00692 ①
B	1	③	76-25770 ②4
B <sup>2</sup>	—	④	76-00559 ①
B	1	⑤	④
—	1	⑥	⑥
B	1	⑦	Victim
CB	1	⑧	77-00254 ① 'Jul
CB	1	⑨	2 "
CB	1	⑩	3 "
B	1	⑪	77-00644 ⑤
A	1	⑫	mg

\* looked like CB or B - hard to tell



Aug 2, 1977  
9:15 AM 400V 47mA

EAP  
↑

B	2-1	①	76-25770	Swampent
CA	-	②	76-00505	①
CA	1	③	↓	⑥
		④	77-00533	①
		⑤		②
		⑥	↓	① out
B	1	⑦	77-00559	④
	1	⑧		⑥ left
		⑨	76-25770	②
B	1	⑩	77-00384	②
		⑪	77-00644	②
A	1	⑫	MJ	

Aug 17  
9:35 AM 360V 58mA  
11 AM 400V 56mA  
1:35 400V 63mA

EAP  
↓

B		①	77-00644	④
CB		②	77-00867	④
blow to top of		③	77-00934	① mostly Swab-
B		④		③
		⑤		⑤
B	-	⑥		⑥
B		⑦		⑦
blow B		⑧		
blow A		⑨		
blow A		⑩	Dog	
		⑪	Flying Squirrel	
		⑫	77-00831	
B		⑬	76-25770	Victim
A		⑭	MJ	



EAP ↑ new

Aug 15, 1977 Buffer  
9:05 AM 400 V 55 mA

EAP ES D

_____	①	77-00831	①
B band	②	76-25770	②6
no C band	③	↓	↑
_____	④	77-00697	⑦
_____	⑤	↓	↓
_____	⑥	<del>77-00697</del>	⑫
B band	⑦	Horse	
lower than 1 band	⑧	77-00940	
2-1	⑨	77-00941	
B	⑩	Chipmunk	
band above 3rd	⑪	77-00872	✓
BA	⑫	MJ	
A			

Aug 18, 1977 EAP ↑  
9 AM 400 V 38 mA

Samples put on within 20 min  
of making

CA	1	①	77-01166	④	1 piece
CA	1	②	↓	④	3 pieces
B	2-1	③	↓	⑤	2 pieces
B	1	④	76-25770	②6	
	1	⑤	77-01065	<del>②6</del>	
A?	1	⑥	77-00697	Victim	
	1	⑦	↓	⑦	
A	1	⑧	↓	⑫	
B	1	⑨	old MJ	2x	
BA	1	⑩	77-01145		
A	1	⑪	77-01085		
	1	⑫	new MJ		

10/25  
JK



EAP ↓

Aug 19, 1977

9:10 AM 400 V 40 mA  
11:10 400 V 48 mAStarch plate 10 min RT 20 min  
Cooling  
Platin

		①	77-01166	④	1 piece
		②	↓	④	2 "
		③	↓	⑤	1 "
A	1	④	MJ		
A	1	⑤	77-00697	⑦	
A	1	⑥	↓	⑫	
A	1	⑦	↓		Victims
A	1	⑧	MJ		
	1	⑨	77-00831 gauge		
	1	⑩	<del>77-00940</del>		
B	2-1	⑪	77-00940		
BA X	1	⑬	77-00941		

∫ Band above A - below  
ESD-1 - R? or storage

EAP ↑

Aug 22, 1977

9:05 400 V 39 mA  
1:20 400 V 48 mA

Starch plate RT 20 min - platin 30 min

EAP	ESD				
—	1	①	77-01221	④	1
CA	1	②	<del>77-01166</del>	④	ext 1 piece
CA	1	③	↓	⑤	ext 1 "
A	1	④	MJ		
—	1	⑤	77-01166	④	2
—	1	⑥		⑤	2
—	1	⑦		④	3
—	1	⑧		⑤	3
A	1	⑨	MJ		2
—	1	⑩	77-01221	④	2
CA	1	⑪	77-01166	④	ext 2 pieces
CA	1	⑫		⑤	ext 2 "



EAP

Sept 2, 1977

13.5 gm starch 131ml buffer + 4ml glycerol  
 plate lightly scraped, cooled 30 min  
 +15RT  
 9:45 AM 450 V 35 mA  
 2:45 PM 450 V 40 mA

EAP	ESD	
BA	1 (1)	77-1415 (7) apt
EA	1 (5)	↓ (11)
EA	1 (3)	77-1475 Vertin (4)
A	1 (4)	D. Mungen
O	1 (5)	77-1498 (1)
	— (6)	Vivienne
	2- (7)	77-01432 Vertin
EA	2-1? (8)	77-01221 Mary Louie
	?	↓ v Eric
BA	1 (10)	77-1415 (1B) #1
BE	1 (11)	v (1B) #2
A	1 (13)	MJ

EAP

Sept 6, 1977

Same as 9/2/77  
 10:15 AM 450 V 35 mA

—	—	(1)	77-01365 (1)
B	1	(2)	77-01400 (3)+(4)
—	—	(3)	77-1475 (3)
B	1	(4)	77-1490 Vertin
BA	2-1	(5)	77-1221 Mary Louie
BA	1	(6)	↓ Eric
—	1	(7)	(4)
—	1	(8)	77-01380 (4)
BA	1	(9)	77-01415 apt (6) bus
A	1	(10)	77-1520 (4) crust
A	1	(11)	v suspect
A	1	(12)	MJ



Sept 15, 1977  
10:30 AM 400 V 35 mA

EAP  
↓

BA  
BA  
B  
B  
B  
A  
BA  
A

① 77-01596 Victim  
↓  
②  
③  
④ 77-1586 ①  
↓  
⑤  
⑥ 77-01415 ②  
⑦ 77-01747 ①  
↓  
⑧  
⑨ 77-1613 ④  
⑩  
⑪  
⑫ 77-1654 10  
⑬ MS

Sept 23, 1977  
10 AM 400 V 84 mA

EAP  
↑

— 1 ① 77-01586 ③  
— 1 ② 77-01944 ⑤ #1  
B 1 ③ 77-01490 ~~⑤~~ Suspect  
— 1 ④ 77-01946 ⑩  
— 1 ⑤ ↓ ⑦  
— ⑥ 77-01596 frozen clot  
B 1 ⑦ 77-01490 suspect  
BA 1 ⑧ 77-2124 Cooler  
— 1 ⑨ ↓ ⑬  
— 1 ⑩ ↓ ⑭  
— ⑪  
⑫ MS

10/25  
J



New Buffer

Oct 7, 1977

11:45 Samples on 400V 16mA  
Samples off 400V 25mA

EAP - EsD

1	①	77-7864706	①
B-A	1		②#1
B-A?	1		③#2
	1		④
	1		⑤
A	1	John Kroll	ESD 1
B-A	1	Gene Grumbine	
	1	Joan Faunce	
	1	Floyd	ESD 2
	1	Hunt	EAP A
	1	Rank	
	1	Herbert	

EAP Diffuse?  
pH Buffer 5.8

New Buffer

Oct 11, 1977

11:55 Samples on 400V 11mA  
4:20 Samples off 400V 30mA

①	77-7864706 item ①
②	②#1
③	③#2
④	④
⑤	⑦
⑥	John Kroll EAP A ESD 1
⑦	Gene Grumbine EAPBA ESD 1
⑧	Ewell Hunt EAP A
⑨	Larry Floyd ESD 2
⑩	Karl Herbert
⑪	Joan Faunce EAPBA ESD 1
⑫	Kurland Rank

Buffer adjusted to pH 5.5 w/ HCl  
No EAP → some blurs -  
none readable. EsD diffuse  
also - separation good.

10/25

97



New Buffer

Oct 13, 1977

~~12:45~~ 12:45pm Samples on 400V 28mA  
4:45pm Samples on 400V 35mA

EAP	ESD		
BA	1	① 77-7864706	①
BA	1	②	②#1
BA	1	③	②#2
BA	1	④	④
BA	1	⑤	①
BA	1	⑥ BA	
A	1	⑦ MJ	
BA?	1	⑧ JF	
BA	1	⑨ Gene Gumbine	
A	1	⑩ John Kroll	
B?	1	⑪ Roark } too much sample	
A	1	⑫ Hunt }	

Very good separation A' band visible in A BA's

Oct <sup>21</sup> 14 1977

10:50  
~~10:55~~ AM Samples on 400V 29mA  
2:50 Samples of 400V 40mA

EAP	ESD		
BA?	—	① 77-02560	1B
BA	1	②	⑬ Victim
—	? 1	③	⑭ extract
—	1	④	⑮ extract
—	—	⑤	⑯
—	—	⑥	⑰ pillowcase
—	—	⑦	<del>77-2449</del> ⑱ est
—	—	⑧	⑲ ⑳ shawlcase
? BA	1	⑨ 77-2560	⑳
A	1	⑩ John Kroll	
? BA	1	⑪ 77-7864706	㉑
? B #1?	1	⑫	㉒

10/25  
JA







April 14, 1977

8:45 100V 40mA warm buffer  
 8:45 100V 34mA plate off  
 8:50 200V 52mA samples on  
 9:45 200V 30mA  
 2-1 (1) 76-20320 (1)  
 2-1 (2) 76-19206 (2)  
 2-1 (3) ↓ (1) #1  
 2-1 (4) ↓ (1) #2  
 2-2 (5) 76-20338 9-1  
 2-2 (6) 4 9-2  
 (7) 2-1

April 15, 1977

10 AM 100V 36mA plate on  
 11 AM 200V 40mA samples on  
 4-16 2 PM 200V 35mA " off

1-1 (1) 76-19576 (BB)  
 2-1 (2) (R)  
 2-1 (3) (V)  
 2-1 (4) (W)  
 2-2 (5) 76-20052 ~~Victim~~ Suspect  
 2-1 (6) m g after clean up  
 2-1 (7) 2-1

4-16-77

2 PM 100V 36mA plate on  
 2:55 200V 59mA samples on  
 100V 25mA  
 1 PM 200V 40mA " off

2-2 (1) 76-20052 (11)  
 1-1 (2) 76-20619 Victim  
 2-1 (3) (12)  
 2-1 (4) (3)  
 2-1 (5) (11) #1  
 2-1 (6) (11) #2  
 2-1 (7) 2-1