

# Radiological Survey Sheet

Job Location Pfizer, Inc. Groton, Ct. 06340 1180/D218 A/B/D/E Page 1 22

Survey Purpose Radiologic Survey of Equipment LAB DECOM. Date 11-6-12

Performed by E. GAILOR E. Sailer  
(Print) (Sign)

Instrument (Model/S/N)	Packard Tri-Carb S/N 431521	Packard Tri-Carb S/N 431520	Ludlum 2241-2 163603	Wallac Model 1409 S/N 4061042
Det. (Model/SN)	Internal	Internal	Ludlum 43-68 PR 149613	Internal
Type Rad.	$\beta$	$\beta$	$\beta$	$\beta$
Cal. Due:	03/05/2013	03/05/2013	04/17/2013	09/15/2012
Check Instruments Used	✓		✓	

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> )
1.	0745	BACKGROUND	
2.		UPPER WALL	
3.		LOWER "	
4.		UPPER "	
5.		LOWER "	
6.		FLOOR	
7.		UPPER WALL	
8.		LOWER "	
9.		UPPER "	
10.		LOWER "	
11.		UPPER "	
12.		LOWER "	
13.		UPPER "	
14.		LOWER "	
15.		UPPER "	
16.		LOWER "	
17.		UPPER "	
18.		LOWER "	

- Swept 100% of lower surfaces using 43-68. No readings noted in excess of normal background levels.

# Radiological Survey Continuation Sheet

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Date 11-6-12

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> )
19	0745	A UPPER WALL	
20		LOWER "	
21		UPPER "	
22		LOWER "	
23		UPPER "	
24		LOWER "	
25		DOOR	
26		DOOR	
27		UPPER WALL	
28		LOWER "	
29		UPPER "	
30		LOWER "	
31		UPPER "	
32		LOWER "	
33		UPPER "	
34		LOWER "	
35		UPPER "	
36		LOWER "	
37		UPPER "	
38		LOWER "	
39		FLOOR	
40		"	
41		"	
42		"	
43		"	
44		"	
45	↓	↓	"

# Radiological Survey Continuation Sheet

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Date 11-6-12

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> )
46	0245	A	FLOOR
47			"
48			"
49			"
50			"
51			"
52			"
53			"
54			"
55			"
56			"
57			"
58			"
59			"
60			"
61			"
62			"
63			"
64			"
65		✓	"
66		B	UPPER WALL
67			LOWER ✓
68			UPPER ✓
69			LOWER "
70			FLOOR
71			UPPER ✓
72	✓	✓	LOWER "

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Date 11-6-12

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> )
73	0745	B	door
74			FLOOR
75			UPPER WALL
76			LOWER "
77			UPPER "
78			LOWER "
79			UPPER "
80			LOWER "
81			UPPER "
82			LOWER "
83			UPPER "
84			LOWER "
85			UPPER "
86			LOWER "
87			UPPER "
88			LOWER "
89			UPPER "
90			LOWER "
91			UPPER "
92			LOWER "
93			door
94			FLOOR
95			"
96			"
97			"
98			"
99	✓	✓	"

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Date 11-6-12

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> )
100	0745	B	FLOOR
101			FLOOR
102			"
103			"
104			"
105			"
106			"
107			"
108			"
109			"
110			
111		D	DOOR
112			"
113			"
114			FLOOR
115			UPPER WALL
116			LOWER "
117			UPPER "
118			LOWER "
119			BENCH
120			PEG BOARD
121			SINK AREA
122			" DRAIN
123			WALL
124			CAB DOORS
125			" TOP SHELF
126			" 2ND "

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> )
127	0245	D	CAB BOTTOM SHELF
128			" DOORS
129			" TOP SHELF
130			" 2ND "
131			" 3RD "
132			" DOOR S
133			" TOP SHELF
134			" 2ND "
135			" 3RD "
136			WALL
137			"
138			BENCH
139			"
140			"
141			"
142			WALL
143			"
144			"
145			"
146			"
147			"
148			BENCH
149			"
150			"
151			HOOD LEFT SIDE
152			" " BACK
153	✓	✓	" MIDDLE "

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Date 11-6-12

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> )
154	0745	D	Hood RIGHT BACK
155			" RIGHT Side
156			" SINK
157			" " DRAIN
158			" RIGHT BOTTOM
159			" MIDDLE "
160			" LEFT "
161			" EXHAUST LEFT SIDE
162			" " RIGHT "
163			" SASH RIGHT SIDE
164			" " LEFT "
165			" LIP RIGHT "
166			" " LEFT "
167			CAB doors
168			" TOP SHELF
169			" BOTTOM "
170			" door
171			" TOP SHELF
172			" BOTTOM "
173			" doors
174			"
175			TOP door
176			2ND "
177			3RD "
178			4TH "
179			CAB doors
180			"

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> )
181	0745	D	TOP dWR
182			2ND "
183			3RD "
<del>184</del>			4TH "
185			TOP LEFT dWR
186			" RIGHT "
187			CAB DOORS
188			"
<del>189</del> EA			TOP dWR
<del>190</del> EA			2ND "
<del>191</del> EA			3RD "
192			4TH "
193			5TH "
194			DWR
195			TOP LEFT dWR
196			2ND " "
197			TOP RIGHT "
198			2ND " "
199			1ST LARGE "
200			2ND " "
201			FLOOR
202			"
203			"
204			"
205			FLOOR
206			"
207			"



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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> )
208	0745	D	FLOOR
209			"
210			"
211			"
212			"
213			"
214			"
215			"
216			"
217			"
218		✓	"
219		E	doors
220			FLOOR
221			UPPER WALL
222			LOWER "
223			UPPER "
224			LOWER "
225			UPPER "
226			LOWER "
227			UPPER "
228			LOWER "
229			PEG BOARD
230			SINK AREA
231			SINK DRAIN
232			CAB DOORS
233			"
234	✓	✓	door

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No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> )
235	0745	E	UPPER WALL
236			LOWER "
237			UPPER "
238			LOWER "
239			UPPER "
240			LOWER "
241			UPPER "
242			LOWER "
243			UPPER "
244			LOWER "
245			UPPER "
246			LOWER "
247			UPPER "
248			LOWER "
249			UPPER "
250			LOWER "
251			WINDOW    SEAL &    BENCH
252			"            "            "
253			"            "            "
254			"            "            "
255			"            "            "
256			TOP SHELF
257			BOTTOM "
258			"
259			"
260			WALL
261			TOP SHELF

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Date 11-6-12

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> )
262	0745	E	BOTTOM SHELF
263			UPPER WALL
264			LOWER "
265			UPPER "
266			LOWER "
267			UPPER "
268			LOWER "
269			FLOOR
270			"
271			"
272			"
273			"
274			"
275			"
276			"
277			"
278			"
279			"
280			"
281			"
282			"
283	"		
284	"		
285	"		
286	"		
287	"		
288	v	v	"

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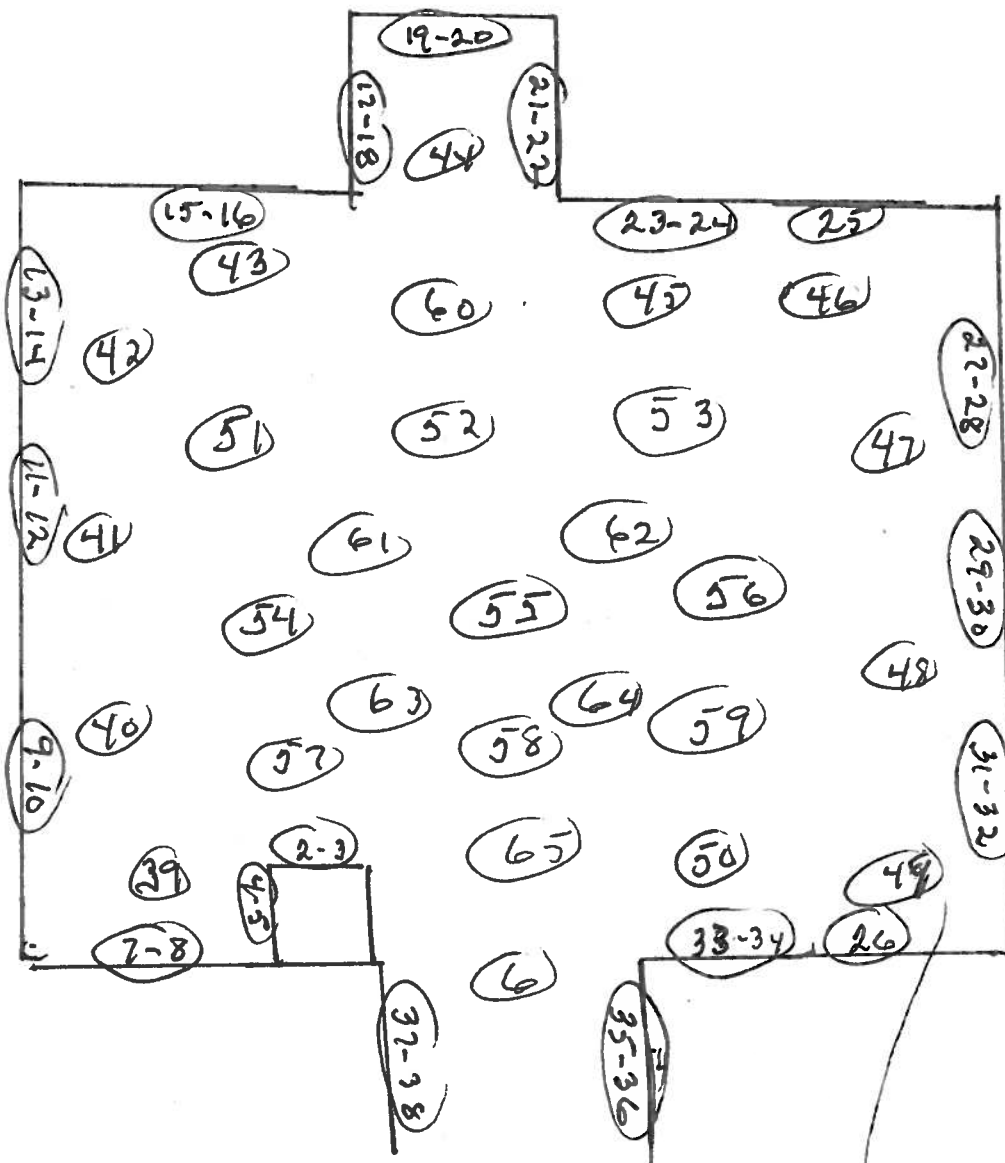
Date 11-6-12

No.	Time	Locations	See attached LSC printout for Total Activity (cpm/100 cm <sup>2</sup> )
289	0745	E	FLOOR
290			"
291			"
292			"
293			"
294			"
295			"
296			"
297			"
298			"
299			"
300			"
301			"
302			"
303			"
304			"
305			"
306			"
307			"
308			"
309			"
310			"
311			"
312			"
313			"
314			"
315	✓	✓	"

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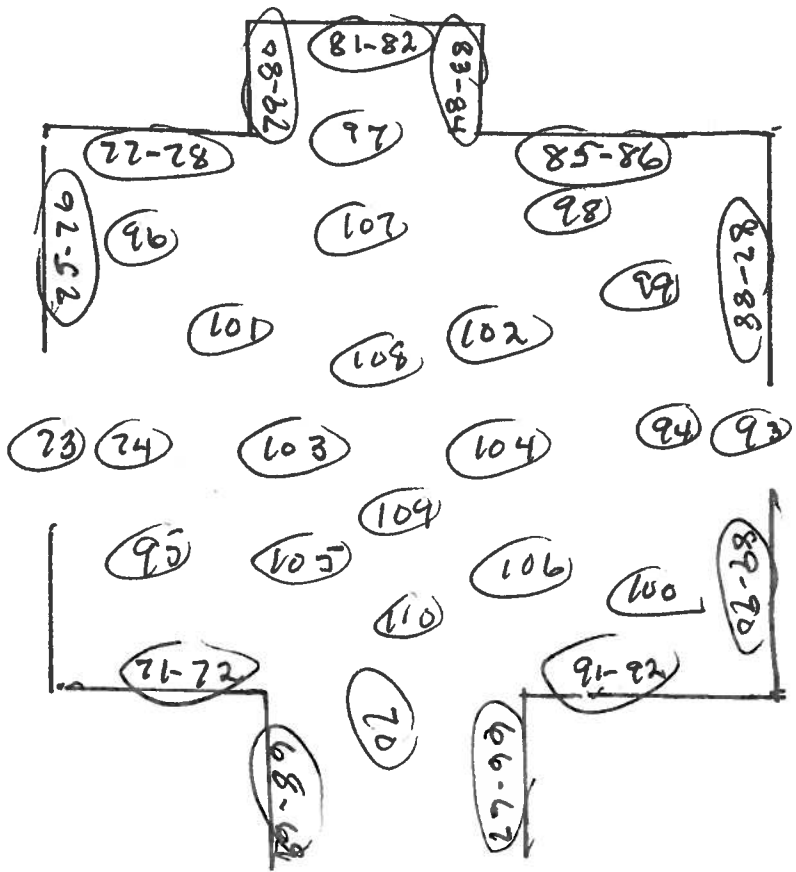
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O = WIPE LOCATION

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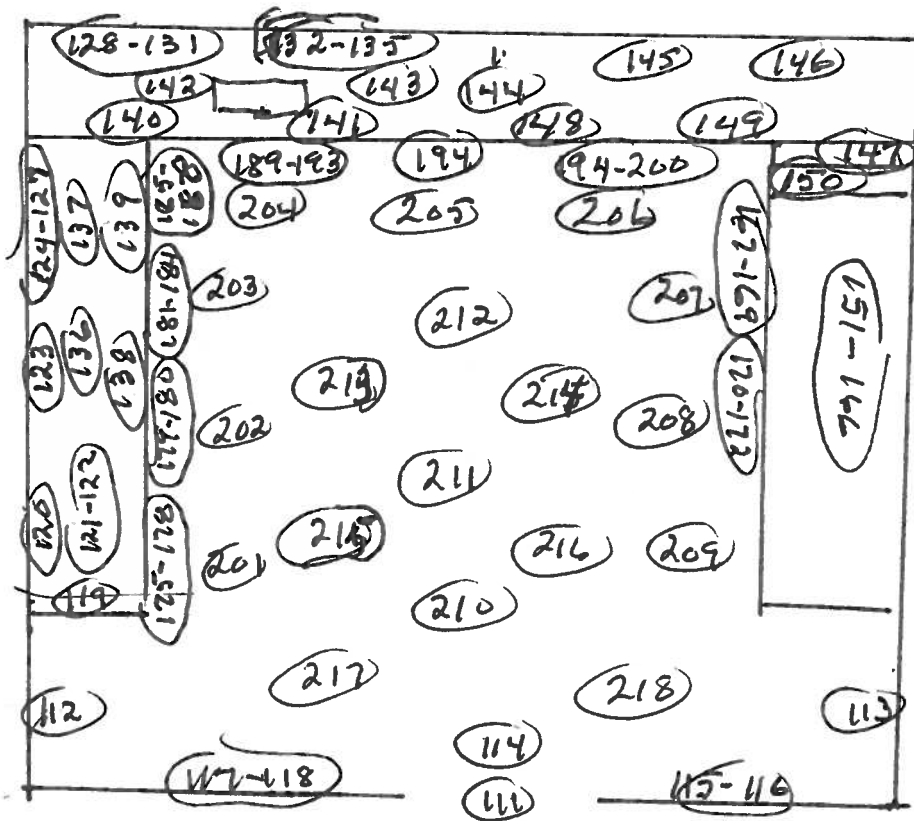


O = wipe location

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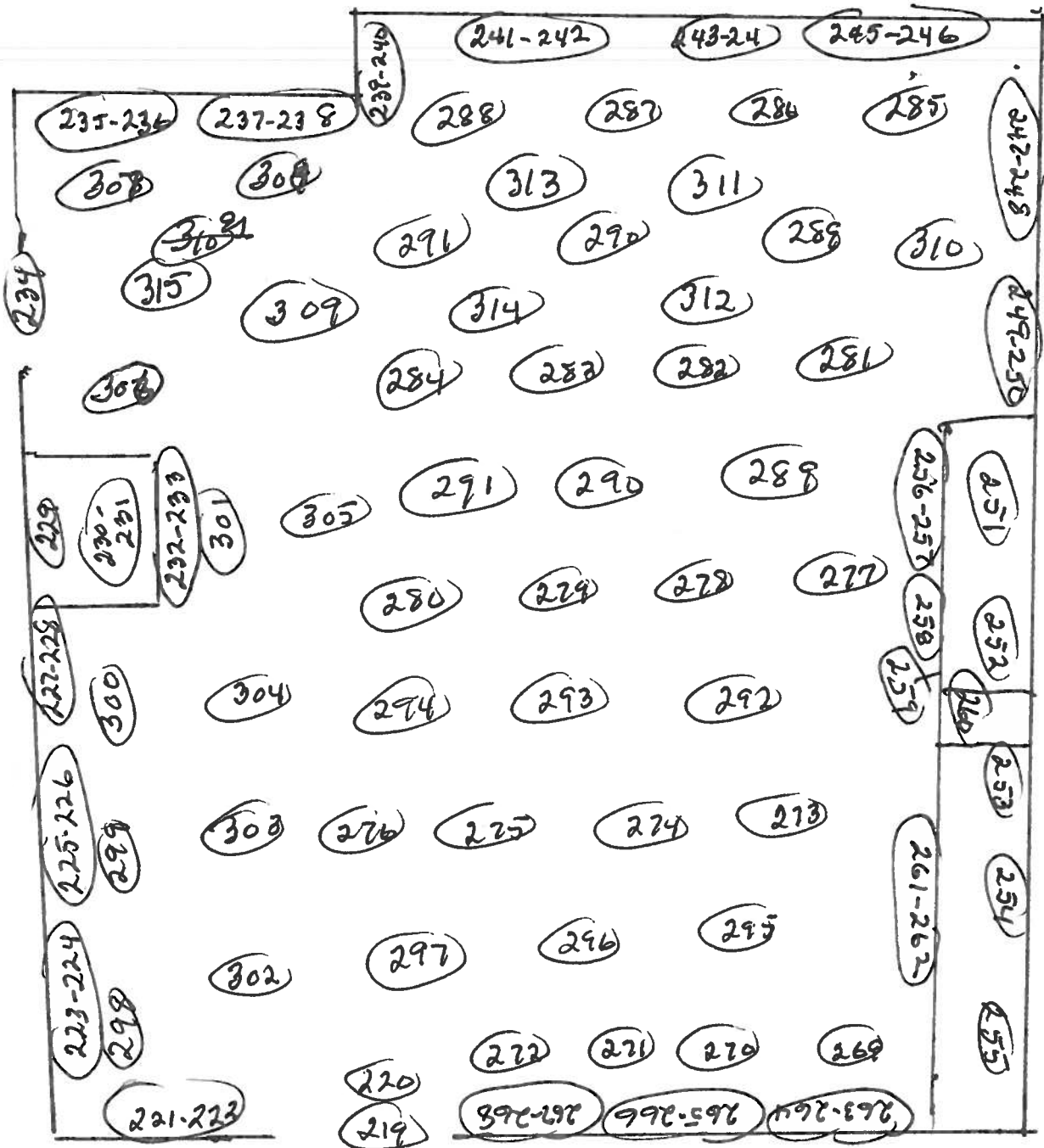


D = wipe location

118 D / D 218 E

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O = wipe location



Assay Definition-

Assay Description:  
Equipment Swipes

Assay Type: CPM  
Report Name: Report1  
Output Data Path: C:\Packard\Tricarb\Results\Ed Gailor\Eds Monthly Swipes  
Raw Results Path: C:\Packard\Tricarb\Results\Ed Gailor\Eds Monthly Swipes\20121106\_1019  
\20121106\_1019.results  
RTF File Name: C:\Packard\Tricarb\Results\Ed Gailor\Eds Monthly Swipes\Ed's Monthly  
Swipes.rtf  
Assay File Name: C:\Packard\TriCarb\Assays\Eds Monthly Swipes.lsa

Count Conditions-

Nuclide: Triple  
Quench Indicator: tSIE/AEC  
External Std Terminator (sec): 5 sec  
Pre-Count Delay (min): 0.00  
Quench Set: n/a  
Count Time (min): 1.00  
Count Mode: Normal  
Assay Count Cycles: 1 Repeat Sample Count: 1  
#Vials/Sample: 1 Calculate % Reference: Off

Background Subtract: On - Manual  
Low CPM Threshold: Off  
2 Sigma % Terminator: Off

Regions	LL	UL	Bkg Subtract
A	0.0	18.6	0.00
B	18.6	156.0	0.00
C	0.0	2000.0	0.00

Count Corrections-

Static Controller: On Luminescence Correction: On  
Colored Samples: n/a Heterogeneity Monitor: n/a  
Coincidence Time (nsec): 18 Delay Before Burst (nsec): 75

Half Life-

Half Life Correction: Off

Regions	Half Life	Units	Reference Date	Reference Time
A				
B				
C				

Cycle 1 Results

S#	CPMA	CPMB	CPMC	MESSAGES
1	4	10	17	
2	6	8	20	
3	8	2	11	
4	6	7	14	
5	12	11	25	
6	3	8	15	
7	7	4	13	
8	11	7	23	
9	12	11	25	
10	13	9	26	

11	13	4	18
12	15	5	22
13	9	6	18
14	7	6	18
15	14	11	28
16	15	8	27
17	12	3	16
18	11	5	22
19	10	4	17
20	11	12	25
21	10	7	22
22	15	3	23
23	14	6	29
24	8	2	11
25	14	8	25
26	12	8	25
27	8	10	28
28	9	2	14
29	9	7	21
30	7	6	16
31	13	4	19
32	14	5	24
33	11	8	24
34	9	8	20
35	17	6	27
36	8	6	18
37	5	5	14
38	9	8	20
39	11	7	23
40	8	3	19
41	8	9	20
42	14	6	25
43	9	10	21
44	2	10	13
45	7	12	25
46	7	10	19
47	16	3	23
48	10	7	18
49	11	3	16
50	13	12	28
51	10	8	24
52	5	12	21
53	10	9	25
54	16	6	26
55	18	5	28
56	12	7	22
57	13	5	23
58	15	8	26
59	15	4	24
60	11	5	19
61	11	6	21
62	15	6	25
63	8	13	23
64	8	7	19
65	8	8	19
66	6	7	20
67	13	6	21
68	11	5	19
69	11	6	20
70	8	9	21
71	11	7	21
72	9	4	16
73	18	9	32

74	10	8	24
75	10	5	23
76	8	4	13
77	7	5	16
78	9	3	15
79	2	11	15
80	14	6	24
81	6	9	20
82	8	5	21
83	5	4	14
84	14	6	21
85	7	6	16
86	10	11	24
87	3	5	9
88	13	3	25
89	18	8	32
90	6	4	13
91	9	10	25
92	11	9	29
93	12	6	24
94	14	7	21
95	15	8	28
96	7	11	22
97	12	7	22
98	5	8	16
99	7	4	14
100	13	14	31
101	4	7	18
102	3	6	14
103	27	13	45
104	8	10	19
105	18	10	33
106	11	7	23
107	10	10	24
108	10	15	31
109	8	7	17
110	18	11	34
111	8	6	19
112	13	1	18
113	13	5	19
114	11	7	25
115	14	9	34
116	10	2	19
117	5	12	21
118	15	6	22
119	15	7	23
120	12	11	23
121	9	8	22
122	16	4	26
123	2	6	11
124	16	7	31
125	6	5	16
126	16	6	28
127	9	8	21
128	14	4	22
129	9	4	15
130	16	12	33
131	16	4	26
132	13	3	23
133	7	7	16
134	10	5	19
135	9	6	17
136	12	6	18

137	7	5	17
138	12	3	19
139	9	5	19
140	4	7	15
141	14	8	25
142	8	8	18
143	9	7	18
144	8	3	19
145	8	10	22
146	7	6	23
147	7	6	16
148	15	3	21
149	11	9	23
150	12	7	20
151	8	10	23
152	9	8	23
153	7	11	23
154	20	5	32
155	12	4	23
156	8	8	17
157	8	4	18
158	10	8	25
159	27	14	42
160	27	20	50
161	6	10	20
162	11	5	17
163	21	5	28
164	9	10	23
165	3	7	12
166	7	8	16
167	14	8	24
168	10	2	13
169	9	10	25
170	5	7	13
171	14	1	16
172	7	11	20
173	8	10	21
174	5	10	17
175	11	5	18
176	1	7	11
177	15	13	31
178	9	7	18
179	13	2	18
180	10	9	24
181	15	8	27
182	13	8	24
183	8	8	20
184	16	13	32
185	10	13	25
186	15	9	30
187	12	6	30
188	9	4	15
189	4	6	14
190	8	8	19
191	14	7	24
192	3	8	20
193	22	13	40
194	19	9	33
195	0	6	6
196	15	7	26
197	10	8	25
198	27	27	59
199	10	27	41

200	8	7	20
201	9	5	15
202	6	5	18
203	8	9	22
204	1	7	13
205	11	3	19
206	1	4	13
207	7	3	14
208	7	8	20
209	9	4	15
210	14	8	28
211	6	8	18
212	12	11	25
213	10	4	17
214	8	7	18
215	12	8	22
216	13	7	25
217	8	9	19
218	12	7	25
219	10	3	20
220	15	4	21
221	8	10	19
222	5	11	22
223	8	7	18
224	16	6	25
225	6	2	10
226	11	9	22
227	6	5	14
228	14	8	28
229	7	10	20
230	9	10	24
231	11	4	21
232	4	6	13
233	15	4	21
234	7	6	19
235	3	4	17
236	11	7	20
237	9	6	20
238	13	6	23
239	18	6	27
240	5	10	17
241	13	5	23
242	9	5	16
243	22	8	33
244	10	4	21
245	13	5	20
246	15	8	29
247	14	3	24
248	10	2	16
249	6	7	17
250	10	7	25
251	8	3	11
252	14	6	23
253	7	4	16
254	2	7	12
255	9	5	21
256	14	5	27
257	12	7	21
258	4	8	18
259	10	7	18
260	7	5	19
261	13	7	22
262	8	7	22

Protocol# 4 - Eds Monthly Swipes.lsa

User: Ed Gailor

263	14	10	26
264	9	7	23
265	10	4	16
266	12	5	19
267	14	4	21
268	10	9	22
269	17	3	26
270	5	7	18
271	11	7	22
272	15	9	26
273	6	6	18
274	13	7	23
275	14	7	27
276	12	9	25
277	5	5	10
278	16	6	27
279	44	49	97
280	10	9	24
281	25	11	40
282	18	7	31
283	4	7	17
284	16	5	28
285	10	5	22
286	13	10	25
287	5	7	20
288	5	4	13
289	13	4	22
290	12	3	18
291	8	8	19
292	5	6	17
293	8	5	20
294	8	6	18
295	6	9	21
296	9	5	19
297	16	6	25
298	5	9	17
299	14	12	33
300	4	12	20
301	7	7	19
302	3	7	16
303	7	2	10
304	0	6	0
305	9	4	16
306	4	5	11
307	6	5	16
308	12	8	26
309	11	5	17
310	5	3	15
311	8	6	19
312	12	11	27
313	6	6	14
314	14	10	31
315	7	6	20