

Table II Page 1/20

Accurate characterisation of the C(3) $\Sigma^1\Sigma^+$ state of the NaRb molecule
 W. Jastrzebski, P. Kortyka, P. Kowalczyk, O. Docenko, M. Tamanis, R. Ferber,
 A. Pashov, H. Knöckel and E. Tiemann

 * Experimental energy levels of the C(3) Σ^+ state of Na85Rb and Na87Rb
 *

The following expressions were used for evaluation of the weighted mean energy level position:

$$1/(\sigma(\text{mean}))^2 = 1/(\sigma_1)^2 + 1/(\sigma_2)^2 + \dots$$

$$E(\text{mean})/(\sigma(\text{mean}))^2 = E_1/(\sigma_1)^2 + E_2/(\sigma_2)^2 + \dots$$

Notations:

v', J' Vibrational and rotational quantum numbers of the C state level

E' Energy (in cm-1) of the C state level

uncert.: Assessed experimental uncertainty.

iso: An integer i. Transitions with i=1 are attributed to Na85Rb. Transitions with i=11 are attributed to Na87Rb.

N	v'	J'	E', cm-1	uncert.	iso	
1	33	4	19593.4083	0.010	1	FTS data
2	33	5	19593.8033	0.010	1	
3	33	6	19594.2895	0.010	1	
4	33	7	19594.8546	0.010	1	
5	33	8	19595.5072	0.010	1	
6	33	9	19596.2332	0.010	1	
7	33	10	19597.0415	0.010	1	
8	33	11	19597.9279	0.010	1	
9	33	12	19598.9022	0.010	1	
10	33	13	19599.9624	0.010	1	
11	33	13	19599.9416	0.010	1	
12	33	14	19601.1019	0.010	1	
13	33	15	19602.3154	0.010	1	
14	33	16	19603.6111	0.010	1	
15	33	17	19604.9878	0.010	1	
16	22	20	18976.4226	0.010	1	
17	22	21	18978.2093	0.010	1	
18	22	22	18980.0766	0.010	1	
19	22	23	18982.0186	0.010	1	
20	39	23	19941.6825	0.010	1	

Table II Page 2/20

21	41	23	20047.0273	0.010	1	
22	22	24	18984.0583	0.010	1	
23	39	24	19943.5617	0.010	1	
24	22	25	18986.1794	0.010	1	
25	39	25	19945.5168	0.010	1	
26	39	26	19947.5469	0.010	1	
27	39	27	19949.6592	0.010	1	
28	39	28	19951.8506	0.010	1	
29	39	29	19954.1104	0.010	1	
30	39	30	19956.4530	0.010	1	
31	21	36	18955.7843	0.010	1	
32	34	36	19701.6997	0.010	1	
33	21	37	18958.9310	0.010	1	
34	34	37	19704.6648	0.010	1	
35	21	38	18962.1514	0.010	1	
36	34	38	19707.7088	0.010	1	
37	21	39	18965.4710	0.010	1	
38	34	39	19710.8328	0.010	1	
39	21	40	18968.8480	0.010	1	
40	34	40	19714.0348	0.010	1	
41	21	41	18972.3135	0.010	1	
42	34	41	19717.3142	0.010	1	
43	21	42	18975.8714	0.010	1	
44	34	42	19720.6698	0.010	1	
45	21	43	18979.5069	0.010	1	
46	34	43	19724.1098	0.010	1	
47	21	44	18983.2328	0.010	1	
48	23	44	19101.2153	0.010	1	
49	30	44	19504.6127	0.010	1	
50	34	44	19727.6383	0.010	1	
51	21	45	18987.0396	0.010	1	
52	23	45	19104.9931	0.010	1	
53	34	45	19731.2471	0.010	1	
54	21	46	18990.9331	0.010	1	
55	23	46	19108.8496	0.010	1	
56	34	46	19734.8915	0.010	1	
57	21	47	18994.8986	0.010	1	
58	23	47	19112.7888	0.010	1	
59	34	47	19738.6439	0.010	1	
60	21	48	18998.9611	0.010	1	
61	23	48	19116.8105	0.010	1	
62	34	48	19742.4657	0.010	1	
63	21	49	19003.0952	0.010	1	
64	23	49	19120.9153	0.010	1	
65	34	49	19746.3739	0.010	1	
66	21	50	19007.3196	0.010	1	
67	23	50	19125.1047	0.010	1	
68	34	50	19750.3579	0.010	1	
69	46	50	20374.0307	0.010	1	
70	21	51	19011.6215	0.010	1	
71	23	51	19129.3713	0.010	1	
72	34	51	19754.4285	0.010	1	
73	21	52	19016.0070	0.010	1	
74	23	52	19133.7230	0.010	1	
75	21	53	19020.4717	0.010	1	
76	23	53	19138.1555	0.010	1	
77	21	54	19025.0225	0.010	1	
78	23	54	19142.6703	0.010	1	
79	21	55	19029.6532	0.010	1	
80	23	55	19147.2649	0.010	1	
81	21	56	19034.3693	0.010	1	
82	23	56	19151.9460	0.010	1	

Table II				Page 3/20	
83	29	56	19497.4130	0.010	1
84	21	57	19039.1695	0.010	1
85	23	57	19156.7016	0.010	1
86	29	57	19502.0778	0.010	1
87	21	58	19044.0456	0.010	1
88	23	58	19161.5396	0.010	1
89	29	58	19506.7748	0.010	1
90	21	59	19049.0055	0.010	1
91	23	59	19166.4636	0.010	1
92	29	59	19511.5696	0.010	1
93	21	60	19054.0549	0.010	1
94	23	60	19171.4673	0.010	1
95	29	60	19516.4461	0.010	1
96	29	61	19521.3959	0.010	1
97	29	62	19526.4326	0.010	1
98	29	63	19531.5517	0.010	1
99	29	64	19536.7321	0.010	1
100	29	65	19542.0031	0.010	1
101	23	68	19214.3738	0.010	1
102	23	69	19220.1022	0.010	1
103	23	70	19225.8960	0.010	1
104	23	71	19231.7847	0.010	1
105	23	72	19237.7473	0.010	1
106	23	73	19243.7891	0.010	1
107	23	74	19249.9085	0.010	1
108	23	75	19256.1082	0.010	1
109	23	76	19262.3875	0.010	1
110	23	77	19268.7414	0.010	1
111	23	78	19275.1790	0.010	1
112	23	79	19281.6929	0.010	1
113	23	80	19288.2828	0.010	1
114	23	81	19294.9542	0.010	1
115	23	82	19301.6991	0.010	1
116	23	83	19308.5269	0.010	1
117	23	84	19315.4282	0.010	1
118	23	85	19322.4071	0.010	1
119	23	86	19329.4660	0.010	1
120	23	87	19336.5986	0.010	1
121	23	88	19343.8108	0.010	1
122	23	89	19351.0988	0.010	1
123	25	101	19558.4270	0.010	1
124	25	102	19566.6269	0.010	1
125	25	103	19574.8899	0.010	1
126	25	104	19583.2323	0.010	1
127	25	105	19591.6452	0.010	1
128	25	106	19600.1333	0.010	1
129	25	107	19608.6958	0.010	1
130	25	108	19617.3210	0.010	1
131	25	109	19626.0292	0.010	1
132	28	109	19793.5513	0.010	1
133	28	110	19802.2065	0.010	1
134	28	111	19810.9272	0.010	1
135	28	112	19819.7261	0.010	1
136	28	113	19828.5836	0.010	1
137	5	114	18491.7219	0.010	1
138	27	123	19866.1488	0.010	1
139	35	4	19699.3977	0.010	11
140	35	5	19699.7885	0.010	11
141	35	6	19700.2718	0.010	11
142	35	7	19700.8152	0.010	11
143	35	8	19701.4650	0.010	11
144	35	9	19702.1833	0.010	11

Table II				Page 4/20	
145	35	10	19702.9783	0.010	11
146	35	11	19703.8598	0.010	11
147	35	12	19704.8150	0.010	11
148	35	13	19705.8537	0.010	11
149	35	14	19706.9804	0.010	11
150	39	23	19936.4292	0.010	11
151	41	25	20045.3765	0.010	11
152	32	40	19598.3694	0.010	11
153	32	41	19601.6702	0.010	11
154	32	42	19605.0482	0.010	11
155	21	43	18975.9955	0.010	11
156	32	43	19608.5008	0.010	11
157	21	44	18979.7012	0.010	11
158	32	44	19612.0367	0.010	11
159	21	45	18983.4915	0.010	11
160	32	45	19615.6531	0.010	11
161	21	46	18987.3611	0.010	11
162	32	46	19619.3449	0.010	11
163	21	47	18991.3118	0.010	11
164	32	47	19623.1153	0.010	11
165	21	48	18995.3517	0.010	11
166	32	48	19626.9722	0.010	11
167	21	49	18999.4685	0.010	11
168	21	50	19003.6620	0.010	11
169	35	57	19829.5861	0.010	11
170	35	58	19834.1508	0.010	11
171	35	59	19838.7868	0.010	11
172	35	60	19843.4994	0.010	11
173	39	60	20056.5546	0.010	11
174	35	61	19848.2886	0.010	11
175	35	62	19853.1530	0.010	11
176	35	63	19858.0910	0.010	11
177	35	64	19863.1058	0.010	11
178	35	65	19868.1940	0.010	11
179	35	66	19873.3574	0.010	11
180	35	67	19878.5953	0.010	11
181	35	68	19883.9057	0.010	11
182	35	69	19889.2914	0.010	11
183	25	79	19392.1785	0.010	11
184	25	82	19411.9435	0.010	11
185	25	83	19418.6764	0.010	11
186	24	84	19368.2263	0.010	11
187	25	84	19425.4918	0.010	11
188	24	85	19375.1478	0.010	11
189	25	85	19432.3805	0.010	11
190	24	86	19382.1441	0.010	11
191	25	86	19439.3453	0.010	11
192	24	87	19389.2149	0.010	11
193	25	87	19446.3902	0.010	11
194	24	88	19396.3651	0.010	11
195	24	89	19403.5868	0.010	11
196	24	90	19410.8908	0.010	11
197	24	91	19418.2656	0.010	11
198	24	92	19425.7327	0.010	11
199	24	93	19433.2546	0.010	11
200	24	94	19440.8482	0.010	11
201	24	95	19448.5274	0.010	11
202	24	96	19456.2837	0.010	11
203	26	96	19569.6980	0.010	11
204	44	96	20516.3485	0.010	11
205	2	8	17730.1057	0.050	1
206	3	8	17793.3757	0.025	1

PLS data

Table II				Page 5/20	
207	4	8	17856.5658	0.019	1
208	5	8	17919.5932	0.019	1
209	6	8	17982.4358	0.050	1
210	7	8	18045.1761	0.050	1
211	8	8	18107.7268	0.050	1
212	9	8	18170.1253	0.050	1
213	10	8	18232.2659	0.050	1
214	11	8	18294.2952	0.050	1
215	13	8	18417.6956	0.050	1
216	14	8	18479.0764	0.050	1
217	16	8	18601.1956	0.050	1
218	17	8	18661.8655	0.050	1
219	18	8	18722.3167	0.050	1
220	19	8	18782.5862	0.050	1
221	20	8	18842.5257	0.050	1
222	22	8	18961.6858	0.050	1
223	23	8	19020.8557	0.050	1
224	24	8	19079.7464	0.050	1
225	25	8	19138.3167	0.050	1
226	27	8	19254.5667	0.050	1
227	28	8	19312.2464	0.050	1
228	35	8	19706.3069	0.050	1
229	38	8	19869.3460	0.050	1
230	39	8	19922.8264	0.050	1
231	40	8	19975.9359	0.035	1
232	41	8	20028.4661	0.035	1
233	42	8	20080.5029	0.029	1
234	43	8	20131.9593	0.029	1
235	44	8	20182.8198	0.022	1
236	45	8	20233.0546	0.022	1
237	46	8	20282.5764	0.035	1
238	47	8	20331.3020	0.024	1
239	48	8	20379.0426	0.029	1
240	4	10	17858.2762	0.019	1
241	5	10	17921.3002	0.019	1
242	6	10	17984.1057	0.050	1
243	7	10	18046.8069	0.050	1
244	8	10	18109.4866	0.050	1
245	9	10	18171.7854	0.050	1
246	10	10	18233.9768	0.050	1
247	12	10	18357.7464	0.050	1
248	13	10	18419.3362	0.050	1
249	14	10	18480.7854	0.050	1
250	16	10	18602.8557	0.050	1
251	17	10	18663.5452	0.050	1
252	18	10	18724.0354	0.050	1
253	19	10	18784.2053	0.050	1
254	20	10	18844.1370	0.050	1
255	21	10	18903.8968	0.050	1
256	22	10	18963.2854	0.050	1
257	23	10	19022.4456	0.050	1
258	24	10	19081.3557	0.050	1
259	25	10	19139.9065	0.050	1
260	27	10	19256.2053	0.050	1
261	28	10	19313.8069	0.050	1
262	35	10	19707.8264	0.050	1
263	38	10	19870.8919	0.035	1
264	39	10	19924.3714	0.035	1
265	40	10	19977.4310	0.035	1
266	41	10	20029.9456	0.050	1
267	42	10	20081.9560	0.029	1
268	43	10	20133.4391	0.029	1

Table II				Page 6/20	
269	44	10	20184.2861	0.029	1
270	45	10	20234.4885	0.022	1
271	46	10	20283.9893	0.030	1
272	47	10	20332.6813	0.024	1
273	48	10	20380.4358	0.035	1
274	3	14	17799.6631	0.022	1
275	4	14	17862.8012	0.019	1
276	5	14	17925.8130	0.019	1
277	6	14	17988.6213	0.050	1
278	7	14	18051.3713	0.050	1
279	8	14	18113.8517	0.050	1
280	9	14	18176.2209	0.050	1
281	10	14	18238.4103	0.050	1
282	11	14	18300.3420	0.050	1
283	12	14	18362.1408	0.050	1
284	13	14	18423.7521	0.050	1
285	14	14	18485.1408	0.050	1
286	16	14	18607.1721	0.050	1
287	17	14	18667.8908	0.050	1
288	18	14	18728.3205	0.050	1
289	19	14	18788.4904	0.050	1
290	20	14	18848.4221	0.050	1
291	22	14	18967.5217	0.050	1
292	23	14	19026.7111	0.050	1
293	24	14	19085.5607	0.050	1
294	25	14	19144.1310	0.050	1
295	26	14	19202.4006	0.050	1
296	27	14	19260.3205	0.050	1
297	28	14	19317.9806	0.050	1
298	29	14	19375.2717	0.050	1
299	32	14	19545.1818	0.050	1
300	34	14	19656.7013	0.050	1
301	36	14	19766.6213	0.050	1
302	38	14	19874.8517	0.050	1
303	39	14	19928.3713	0.035	1
304	40	14	19981.3156	0.035	1
305	41	14	20033.8312	0.035	1
306	42	14	20085.8313	0.035	1
307	43	14	20137.2241	0.029	1
308	44	14	20188.0510	0.022	1
309	45	14	20238.2639	0.022	1
310	46	14	20287.7291	0.025	1
311	47	14	20336.3995	0.033	1
312	48	14	20384.0809	0.029	1
313	49	14	20430.7619	0.045	1
314	50	14	20475.9806	0.050	1
315	3	16	17802.4709	0.022	1
316	4	16	17865.6045	0.019	1
317	5	16	17928.6087	0.019	1
318	6	16	17991.4416	0.050	1
319	7	16	18054.1310	0.050	1
320	8	16	18116.6115	0.050	1
321	9	16	18178.9513	0.050	1
322	10	16	18241.1408	0.050	1
323	11	16	18303.0822	0.050	1
324	13	16	18426.4611	0.050	1
325	14	16	18487.7912	0.050	1
326	16	16	18609.9709	0.050	1
327	17	16	18670.5510	0.050	1
328	19	16	18791.1310	0.050	1
329	20	16	18851.0822	0.050	1
330	22	16	18970.1818	0.050	1

Table II				Page 7/20	
331	23	16	19029.2814	0.050	1
332	24	16	19088.1506	0.050	1
333	25	16	19146.7209	0.050	1
334	27	16	19262.9103	0.050	1
335	28	16	19320.5705	0.050	1
336	32	16	19547.7111	0.050	1
337	36	16	19769.0920	0.050	1
338	38	16	19877.2912	0.035	1
339	39	16	19930.7414	0.035	1
340	40	16	19983.7414	0.035	1
341	41	16	20036.2316	0.035	1
342	42	16	20088.1883	0.029	1
343	43	16	20139.5848	0.029	1
344	44	16	20190.4029	0.022	1
345	45	16	20240.5713	0.022	1
346	46	16	20290.0006	0.025	1
347	47	16	20338.6476	0.028	1
348	48	16	20386.3615	0.035	1
349	49	16	20432.8713	0.045	1
350	50	16	20478.1408	0.050	1
351	0	25	17629.5295	0.025	1
352	1	25	17692.9877	0.020	1
353	2	25	17756.3529	0.020	1
354	3	25	17819.5491	0.025	1
355	4	25	17882.6189	0.050	1
356	5	25	17945.5847	0.025	1
357	6	25	18008.3640	0.025	1
358	7	25	18071.0007	0.032	1
359	8	25	18133.4626	0.029	1
360	9	25	18195.7400	0.050	1
361	10	25	18257.8591	0.050	1
362	11	25	18319.7791	0.050	1
363	12	25	18381.4802	0.050	1
364	13	25	18442.9685	0.050	1
365	14	25	18504.2791	0.050	1
366	15	25	18565.4099	0.050	1
367	16	25	18626.2498	0.050	1
368	17	25	18686.8591	0.050	1
369	18	25	18747.2302	0.050	1
370	21	25	18926.8494	0.050	1
371	22	25	18986.1990	0.050	1
372	23	25	19045.2791	0.050	1
373	24	25	19104.0388	0.050	1
374	25	25	19162.5603	0.050	1
375	26	25	19220.7087	0.050	1
376	27	25	19278.5994	0.050	1
377	29	25	19393.4099	0.050	1
378	30	25	19450.3103	0.050	1
379	31	25	19506.8787	0.050	1
380	32	25	19563.0701	0.050	1
381	33	25	19618.9099	0.050	1
382	34	25	19674.4002	0.050	1
383	35	25	19729.4392	0.050	1
384	36	25	19784.1091	0.050	1
385	40	25	19998.4099	0.050	1
386	42	25	20102.6892	0.050	1
387	43	25	20153.9587	0.050	1
388	44	25	20204.6794	0.050	1
389	45	25	20254.7087	0.050	1
390	46	25	20304.0193	0.050	1
391	47	25	20352.5290	0.035	1
392	48	25	20400.0701	0.035	1

Table II				Page 8/20	
393	49	25	20446.4270	0.025	1
394	50	25	20491.4056	0.022	1
395	51	25	20534.5580	0.022	1
396	52	25	20575.4002	0.050	1
397	53	25	20612.9873	0.022	1
398	54	25	20647.1490	0.022	1
399	55	25	20678.5442	0.025	1
400	56	25	20708.3396	0.025	1
401	57	25	20737.4894	0.029	1
402	58	25	20766.3728	0.029	1
403	59	25	20795.1967	0.024	1
404	60	25	20824.0603	0.050	1
405	0	27	17634.3616	0.025	1
406	1	27	17697.9828	0.020	1
407	2	27	17761.1326	0.020	1
408	3	27	17824.3542	0.025	1
409	4	27	17887.4197	0.050	1
410	5	27	17950.3543	0.025	1
411	6	27	18013.0969	0.025	1
412	7	27	18075.8484	0.032	1
413	8	27	18138.1664	0.029	1
414	9	27	18200.4294	0.050	1
415	10	27	18262.5291	0.050	1
416	11	27	18324.4490	0.050	1
417	12	27	18386.1697	0.050	1
418	13	27	18447.6287	0.050	1
419	14	27	18508.9197	0.050	1
420	15	27	18569.9998	0.050	1
421	16	27	18630.8689	0.050	1
422	17	27	18691.5095	0.050	1
423	18	27	18751.7791	0.050	1
424	19	27	18811.9099	0.050	1
425	21	27	18931.3591	0.050	1
426	22	27	18990.7087	0.050	1
427	23	27	19049.7302	0.050	1
428	24	27	19108.5095	0.050	1
429	25	27	19167.0095	0.050	1
430	26	27	19225.1287	0.050	1
431	27	27	19282.9998	0.050	1
432	29	27	19397.7498	0.050	1
433	30	27	19454.6502	0.050	1
434	31	27	19511.1697	0.050	1
435	32	27	19567.3494	0.050	1
436	33	27	19623.1697	0.050	1
437	34	27	19678.6502	0.050	1
438	35	27	19733.6794	0.050	1
439	36	27	19788.2595	0.050	1
440	40	27	20002.5896	0.050	1
441	42	27	20106.7595	0.050	1
442	43	27	20157.9900	0.050	1
443	44	27	20208.6892	0.050	1
444	45	27	20258.7087	0.050	1
445	46	27	20307.9490	0.050	1
446	47	27	20356.4245	0.035	1
447	48	27	20403.8884	0.035	1
448	49	27	20450.2043	0.025	1
449	50	27	20495.1170	0.022	1
450	51	27	20538.1794	0.022	1
451	52	27	20578.8158	0.022	1
452	53	27	20616.3072	0.022	1
453	54	27	20650.3191	0.025	1
454	55	27	20681.5769	0.025	1

Table II				Page 9/20	
455	57	27	20740.4431	0.029	1
456	58	27	20769.3227	0.029	1
457	59	27	20798.0863	0.047	1
458	60	27	20826.9714	0.025	1
459	61	27	20855.8787	0.050	1
460	62	27	20884.9538	0.035	1
461	4	38	17920.1032	0.050	1
462	5	38	17982.9040	0.050	1
463	6	38	18045.5641	0.050	1
464	7	38	18108.0837	0.050	1
465	8	38	18170.3747	0.050	1
466	9	38	18232.4235	0.150	1
467	10	38	18294.5544	0.050	1
468	11	38	18356.3239	0.050	1
469	12	38	18417.9430	0.050	1
470	13	38	18479.3845	0.050	1
471	14	38	18540.4938	0.050	1
472	15	38	18601.4841	0.050	1
473	16	38	18662.2145	0.050	1
474	17	38	18722.7243	0.050	1
475	18	38	18782.9430	0.050	1
476	19	38	18842.8845	0.050	1
477	20	38	18902.6833	0.050	1
478	21	38	18962.1833	0.050	1
479	22	38	19021.4040	0.050	1
480	23	38	19080.3942	0.050	1
481	24	38	19138.9333	0.050	1
482	25	38	19197.2946	0.050	1
483	26	38	19255.3532	0.050	1
484	28	38	19370.5036	0.050	1
485	29	38	19427.5934	0.050	1
486	30	38	19484.3239	0.050	1
487	31	38	19540.7243	0.050	1
488	32	38	19596.7634	0.050	1
489	33	38	19652.4333	0.050	1
490	34	38	19707.7438	0.050	1
491	35	38	19762.6345	0.050	1
492	36	38	19817.1130	0.050	1
493	38	38	19924.8337	0.050	1
494	39	38	19977.9841	0.050	1
495	40	38	20030.6930	0.050	1
496	4	40	17927.1735	0.050	1
497	5	40	17989.9528	0.050	1
498	6	40	18052.6735	0.050	1
499	7	40	18115.0544	0.050	1
500	8	40	18177.4040	0.050	1
501	9	40	18239.5446	0.050	1
502	10	40	18301.4645	0.050	1
503	11	40	18363.3630	0.050	1
504	12	40	18424.8044	0.050	1
505	13	40	18486.1833	0.050	1
506	14	40	18547.4333	0.050	1
507	15	40	18608.3044	0.050	1
508	16	40	18669.0036	0.050	1
509	17	40	18729.4645	0.050	1
510	19	40	18849.6833	0.050	1
511	21	40	18968.8630	0.050	1
512	23	40	19086.9235	0.050	1
513	24	40	19145.5739	0.050	1
514	25	40	19203.8845	0.050	1
515	26	40	19261.8845	0.050	1
516	27	40	19319.6442	0.050	1

Table II				Page 10/20	
517	28	40	19377.0134	0.050	1
518	29	40	19434.0739	0.050	1
519	30	40	19490.7634	0.050	1
520	31	40	19547.1540	0.050	1
521	32	40	19603.1735	0.050	1
522	33	40	19658.8044	0.050	1
523	34	40	19714.0446	0.050	1
524	35	40	19768.9391	0.050	1
525	36	40	19823.3942	0.050	1
526	37	40	19877.4333	0.050	1
527	38	40	19930.9841	0.050	1
528	39	40	19984.1442	0.050	1
529	5	42	17997.3761	0.050	1
530	6	42	18060.0050	0.050	1
531	7	42	18122.5148	0.050	1
532	8	42	18184.7863	0.050	1
533	10	42	18308.8449	0.050	1
534	11	42	18370.5461	0.050	1
535	13	42	18493.5050	0.050	1
536	14	42	18554.5656	0.050	1
537	15	42	18615.5851	0.050	1
538	16	42	18676.2062	0.050	1
539	17	42	18736.6652	0.050	1
540	18	42	18796.9445	0.050	1
541	19	42	18856.7746	0.050	1
542	20	42	18916.4562	0.050	1
543	21	42	18975.8761	0.050	1
544	22	42	19035.0363	0.050	1
545	23	42	19093.9152	0.050	1
546	24	42	19152.4953	0.050	1
547	25	42	19210.7863	0.050	1
548	26	42	19268.7648	0.050	1
549	27	42	19326.4660	0.050	1
550	28	42	19383.8254	0.050	1
551	29	42	19440.8761	0.050	1
552	30	42	19497.5461	0.050	1
553	31	42	19553.8761	0.050	1
554	32	42	19609.8449	0.050	1
555	33	42	19665.4758	0.050	1
556	34	42	19720.6652	0.050	1
557	35	42	19775.5148	0.050	1
558	36	42	19829.9347	0.050	1
559	7	43	18126.3291	0.050	1
560	8	43	18188.6279	0.050	1
561	9	43	18250.6024	0.050	1
562	10	43	18312.6024	0.050	1
563	11	43	18374.3524	0.050	1
564	12	43	18435.9626	0.045	1
565	13	43	18497.3099	0.045	1
566	15	43	18619.3388	0.050	1
567	16	43	18679.9355	0.035	1
568	17	43	18740.4287	0.050	1
569	18	43	18800.5828	0.050	1
570	19	43	18860.4863	0.035	1
571	20	43	18920.2235	0.050	1
572	21	43	18979.6279	0.100	1
573	22	43	19038.6938	0.045	1
574	23	43	19097.5274	0.045	1
575	24	43	19156.0856	0.045	1
576	25	43	19214.3486	0.050	1
577	26	43	19272.3231	0.050	1
578	27	43	19330.0028	0.050	1

Table II				Page 11/20	
579	28	43	19387.4032	0.050	1
580	29	43	19444.3426	0.050	1
581	30	43	19501.0731	0.050	1
582	31	43	19557.3719	0.050	1
583	32	43	19613.3133	0.050	1
584	33	43	19668.9325	0.050	1
585	34	43	19724.1434	0.050	1
586	35	43	19778.9129	0.050	1
587	37	43	19887.3328	0.050	1
588	38	43	19940.8573	0.035	1
589	39	43	19993.9276	0.035	1
590	40	43	20046.5223	0.050	1
591	41	43	20098.6073	0.035	1
592	42	43	20150.1678	0.035	1
593	43	43	20201.0975	0.035	1
594	5	44	18005.2160	0.050	1
595	6	44	18067.7550	0.050	1
596	7	44	18130.2258	0.050	1
597	8	44	18192.4855	0.050	1
598	9	44	18254.5754	0.050	1
599	10	44	18316.6164	0.050	1
600	11	44	18378.2062	0.050	1
601	13	44	18501.0949	0.050	1
602	14	44	18562.1750	0.050	1
603	15	44	18623.0461	0.050	1
604	16	44	18683.7062	0.050	1
605	17	44	18744.2062	0.050	1
606	19	44	18864.2062	0.050	1
607	20	44	18923.8351	0.050	1
608	21	44	18983.2648	0.050	1
609	22	44	19042.4250	0.050	1
610	23	44	19101.2453	0.050	1
611	24	44	19159.7550	0.050	1
612	25	44	19218.0246	0.050	1
613	26	44	19275.9953	0.050	1
614	27	44	19333.6457	0.050	1
615	28	44	19390.9953	0.050	1
616	29	44	19447.9953	0.050	1
617	30	44	19504.6261	0.050	1
618	31	44	19560.9054	0.050	1
619	32	44	19616.8761	0.050	1
620	33	44	19672.4347	0.050	1
621	34	44	19727.6164	0.050	1
622	35	44	19782.4347	0.050	1
623	36	44	19836.8156	0.050	1
624	5	45	18009.2783	0.050	1
625	8	45	18196.4580	0.050	1
626	9	45	18258.5654	0.035	1
627	10	45	18320.4501	0.035	1
628	11	45	18382.1219	0.050	1
629	12	45	18443.7411	0.035	1
630	13	45	18505.0351	0.035	1
631	14	45	18566.1279	0.050	1
632	15	45	18627.0381	0.050	1
633	16	45	18687.5418	0.050	1
634	18	45	18808.2801	0.071	1
635	19	45	18868.0828	0.050	1
636	21	45	18987.1102	0.035	1
637	22	45	19046.2755	0.045	1
638	23	45	19104.9863	0.071	1
639	24	45	19163.5255	0.045	1
640	26	45	19279.7430	0.050	1

Table II				Page 12/20	
641	27	45	19337.3621	0.050	1
642	28	45	19394.7430	0.050	1
643	29	45	19451.6434	0.050	1
644	30	45	19508.2625	0.050	1
645	31	45	19564.5926	0.050	1
646	32	45	19620.4520	0.050	1
647	33	45	19676.0633	0.050	1
648	34	45	19731.2528	0.050	1
649	35	45	19785.9735	0.050	1
650	37	45	19894.4129	0.050	1
651	38	45	19947.8279	0.035	1
652	39	45	20000.8377	0.035	1
653	40	45	20053.3983	0.035	1
654	41	45	20105.4432	0.035	1
655	42	45	20156.9227	0.035	1
656	43	45	20207.8026	0.035	1
657	0	47	17702.6230	0.022	1
658	1	47	17765.7892	0.035	1
659	2	47	17828.9448	0.020	1
660	3	47	17891.9161	0.020	1
661	4	47	17954.7797	0.020	1
662	5	47	18017.4926	0.020	1
663	6	47	18080.0714	0.050	1
664	8	47	18204.8917	0.150	1
665	10	47	18328.6105	0.050	1
666	11	47	18390.3312	0.050	1
667	12	47	18451.7316	0.050	1
668	13	47	18513.0109	0.050	1
669	14	47	18574.1105	0.050	1
670	15	47	18634.9523	0.050	1
671	16	47	18695.5421	0.050	1
672	18	47	18816.0812	0.050	1
673	19	47	18875.8722	0.050	1
674	20	47	18935.7218	0.150	1
675	21	47	18994.9308	0.050	1
676	22	47	19054.0011	0.050	1
677	23	47	19112.8214	0.050	1
678	25	47	19229.5206	0.050	1
679	26	47	19287.4113	0.050	1
680	27	47	19345.0304	0.050	1
681	28	47	19402.3409	0.050	1
682	30	47	19515.8409	0.050	1
683	33	47	19683.5304	0.050	1
684	34	47	19738.6710	0.050	1
685	35	47	19793.4113	0.050	1
686	36	47	19847.7413	0.050	1
687	37	47	19901.6222	0.050	1
688	38	47	19955.0812	0.050	1
689	39	47	20008.0812	0.050	1
690	46	47	20363.2921	0.050	1
691	48	47	20457.8409	0.050	1
692	49	47	20503.2706	0.050	1
693	50	47	20547.0414	0.029	1
694	52	47	20627.3110	0.029	1
695	53	47	20662.5030	0.022	1
696	54	47	20694.3820	0.025	1
697	55	47	20724.3361	0.025	1
698	56	47	20753.4039	0.025	1
699	57	47	20782.0665	0.025	1
700	58	47	20810.7365	0.025	1
701	59	47	20839.4074	0.022	1
702	60	47	20868.1417	0.050	1

Table II				Page 13/20	
703	61	47	20896.9777	0.022	1
704	64	47	20984.2413	0.029	1
705	0	49	17711.4054	0.022	1
706	1	49	17774.6046	0.020	1
707	2	49	17837.6827	0.020	1
708	3	49	17900.6642	0.020	1
709	4	49	17963.4383	0.020	1
710	5	49	18026.1179	0.020	1
711	7	49	18151.0714	0.050	1
712	8	49	18213.1905	0.050	1
713	9	49	18275.2804	0.050	1
714	10	49	18337.1222	0.050	1
715	11	49	18398.7921	0.050	1
716	12	49	18460.2316	0.050	1
717	13	49	18521.4718	0.050	1
718	14	49	18582.4816	0.050	1
719	15	49	18643.3214	0.050	1
720	16	49	18703.8917	0.050	1
721	19	49	18884.2316	0.050	1
722	20	49	18943.7413	0.050	1
723	22	49	19062.0909	0.050	1
724	23	49	19120.9405	0.050	1
725	25	49	19237.5714	0.050	1
726	26	49	19295.5421	0.050	1
727	27	49	19353.0616	0.050	1
728	28	49	19410.3214	0.050	1
729	30	49	19523.7316	0.050	1
730	33	49	19691.3019	0.050	1
731	34	49	19746.3917	0.050	1
732	35	49	19801.0812	0.050	1
733	37	49	19909.2413	0.050	1
734	38	49	19962.6222	0.050	1
735	39	49	20015.5812	0.050	1
736	40	49	20067.9718	0.050	1
737	45	49	20321.7218	0.050	1
738	46	49	20370.4015	0.050	1
739	47	49	20418.1007	0.050	1
740	48	49	20464.7316	0.050	1
741	49	49	20510.0421	0.050	1
742	50	49	20553.6814	0.029	1
743	51	49	20595.0551	0.029	1
744	52	49	20633.4509	0.029	1
745	53	49	20668.3370	0.022	1
746	54	49	20699.9762	0.025	1
747	55	49	20729.7965	0.025	1
748	56	49	20758.7609	0.025	1
749	57	49	20787.5182	0.025	1
750	58	49	20816.0567	0.025	1
751	59	49	20844.6580	0.020	1
752	60	49	20873.4112	0.022	1
753	61	49	20902.2691	0.022	1
754	62	49	20931.2194	0.022	1
755	63	49	20960.3019	0.029	1
756	64	49	20989.5076	0.029	1
757	3	50	17905.0912	0.050	1
758	4	50	17967.9916	0.050	1
759	5	50	18030.6108	0.050	1
760	6	50	18093.1615	0.050	1
761	3	52	17914.3002	0.050	1
762	4	52	17977.1713	0.050	1
763	5	52	18039.8315	0.050	1
764	6	56	18121.6823	0.050	1

Table II				Page 14/20	
765	10	56	18369.7038	0.050	1
766	11	56	18431.2741	0.050	1
767	12	56	18492.6023	0.050	1
768	13	56	18553.7526	0.050	1
769	14	56	18614.6140	0.050	1
770	15	56	18675.3523	0.050	1
771	16	56	18735.8132	0.050	1
772	17	56	18796.0534	0.050	1
773	18	56	18855.9636	0.050	1
774	20	56	18975.1628	0.050	1
775	21	56	19034.4226	0.050	1
776	22	56	19093.3933	0.050	1
777	23	56	19152.0026	0.050	1
778	24	56	19210.3327	0.050	1
779	25	56	19268.3327	0.050	1
780	28	56	19440.6628	0.050	1
781	29	56	19497.4440	0.050	1
782	6	58	18131.8640	0.050	1
783	7	58	18194.0827	0.050	1
784	8	58	18256.0730	0.050	1
785	11	58	18441.2937	0.050	1
786	13	58	18563.6823	0.050	1
787	14	58	18624.5925	0.050	1
788	15	58	18685.2136	0.050	1
789	16	58	18745.7038	0.050	1
790	17	58	18805.7937	0.050	1
791	18	58	18865.8425	0.050	1
792	21	58	19044.0534	0.050	1
793	22	58	19102.9831	0.050	1
794	23	58	19161.5925	0.050	1
795	24	58	19219.9030	0.050	1
796	25	58	19277.8835	0.050	1
797	28	58	19450.1140	0.050	1
798	4	62	18028.4020	0.050	1
799	5	62	18090.8727	0.050	1
800	6	62	18153.2419	0.050	1
801	7	62	18215.4118	0.050	1
802	8	62	18277.3923	0.050	1
803	9	62	18339.2419	0.050	1
804	10	62	18400.8415	0.050	1
805	11	62	18462.3024	0.050	1
806	12	62	18523.5329	0.050	1
807	13	62	18584.5719	0.050	1
808	14	62	18645.3630	0.050	1
809	15	62	18705.9723	0.050	1
810	17	62	18826.4313	0.050	1
811	18	62	18886.2712	0.050	1
812	19	62	18945.9313	0.050	1
813	20	62	19005.2926	0.050	1
814	21	62	19064.3630	0.050	1
815	22	62	19123.1227	0.050	1
816	23	62	19181.6911	0.050	1
817	24	62	19239.8727	0.050	1
818	25	62	19297.8512	0.050	1
819	26	62	19355.4723	0.050	1
820	27	62	19412.8122	0.050	1
821	28	62	19469.7419	0.050	1
822	29	62	19526.5329	0.050	1
823	30	62	19582.7126	0.050	1
824	31	62	19638.6520	0.050	1
825	33	62	19749.4216	0.050	1
826	34	62	19804.2126	0.050	1

Table II				Page 15/20	
827	35	62	19858.6423	0.050	1
828	36	62	19912.5915	0.050	1
829	37	62	19966.1012	0.050	1
830	38	62	20019.1911	0.050	1
831	39	62	20071.7516	0.050	1
832	40	62	20123.8825	0.050	1
833	4	64	18039.7712	0.050	1
834	5	64	18102.1716	0.050	1
835	6	64	18164.4626	0.050	1
836	7	64	18226.5888	0.035	1
837	8	64	18288.5048	0.035	1
838	9	64	18350.3317	0.050	1
839	10	64	18412.0471	0.050	1
840	11	64	18473.3825	0.050	1
841	12	64	18534.4919	0.050	1
842	13	64	18595.5622	0.050	1
843	14	64	18656.2926	0.050	1
844	15	64	18716.9043	0.035	1
845	16	64	18777.1338	0.035	1
846	17	64	18837.2516	0.050	1
847	18	64	18897.0801	0.035	1
848	19	64	18956.6618	0.050	1
849	20	64	19016.0016	0.050	1
850	21	64	19075.0016	0.050	1
851	22	64	19133.7971	0.050	1
852	23	64	19192.2126	0.050	1
853	24	64	19250.4411	0.050	1
854	25	64	19308.3496	0.035	1
855	26	64	19365.9411	0.050	1
856	27	64	19423.2001	0.035	1
857	29	64	19536.7392	0.035	1
858	30	64	19592.9745	0.035	1
859	31	64	19648.8700	0.035	1
860	32	64	19704.3798	0.035	1
861	33	64	19759.5097	0.035	1
862	34	64	19814.2490	0.035	1
863	35	64	19868.5329	0.050	1
864	36	64	19922.5114	0.050	1
865	37	64	19976.0016	0.050	1
866	38	64	20029.0114	0.050	1
867	39	64	20081.5426	0.050	1
868	40	64	20133.5915	0.050	1
869	6	66	18176.0178	0.050	1
870	7	66	18238.0862	0.050	1
871	8	66	18300.0276	0.050	1
872	9	66	18361.8264	0.050	1
873	10	66	18423.4670	0.050	1
874	16	66	18788.3967	0.050	1
875	17	66	18848.3264	0.050	1
876	18	66	18908.2073	0.050	1
877	23	66	19203.0862	0.050	1
878	24	66	19261.2874	0.050	1
879	25	66	19319.1878	0.050	1
880	27	66	19433.9065	0.050	1
881	29	66	19547.3264	0.050	1
882	30	66	19603.5764	0.050	1
883	31	66	19659.3577	0.050	1
884	32	66	19714.8479	0.050	1
885	33	66	19769.9163	0.050	1
886	34	66	19824.6077	0.050	1
887	3	80	18080.0606	0.050	1
888	4	80	18142.3497	0.050	1

Table II				Page 16/20	
889	6	80	18266.3907	0.050	1
890	7	80	18328.1993	0.050	1
891	9	80	18451.4610	0.050	1
892	10	80	18512.7110	0.050	1
893	11	80	18573.7305	0.050	1
894	12	80	18634.6407	0.050	1
895	13	80	18695.3106	0.050	1
896	14	80	18755.7794	0.100	1
897	15	80	18815.7911	0.050	1
898	16	80	18875.8106	0.050	1
899	17	80	18935.4610	0.050	1
900	18	80	18994.9493	0.050	1
901	4	82	18156.6895	0.050	1
902	7	82	18342.4903	0.050	1
903	9	82	18465.4493	0.050	1
904	12	82	18648.6505	0.050	1
905	15	82	18829.6895	0.050	1
906	17	82	18949.2403	0.050	1
907	4	85	18178.8505	0.050	1
908	5	85	18240.8114	0.050	1
909	6	85	18302.6806	0.050	1
910	10	85	18548.3915	0.050	1
911	12	85	18670.1610	0.050	1
912	13	85	18730.6903	0.050	1
913	14	85	18790.9911	0.050	1
914	15	85	18850.9618	0.050	1
915	16	85	18910.8817	0.050	1
916	19	85	19088.8505	0.050	1
917	20	85	19147.6708	0.050	1
918	21	85	19206.1610	0.050	1
919	22	85	19264.4813	0.050	1
920	23	85	19322.4306	0.050	1
921	24	85	19380.0907	0.050	1
922	25	85	19437.4306	0.050	1
923	26	85	19494.5106	0.050	1
924	27	85	19551.1513	0.050	1
925	28	85	19607.5009	0.050	1
926	29	85	19663.5106	0.050	1
927	30	85	19719.1610	0.050	1
928	31	85	19774.4013	0.050	1
929	32	85	19829.3310	0.050	1
930	33	85	19883.8212	0.050	1
931	34	85	19937.9813	0.050	1
932	35	85	19991.5712	0.050	1
933	36	85	20044.8212	0.050	1
934	37	85	20097.5907	0.050	1
935	38	85	20149.8505	0.050	1
936	39	85	20201.6005	0.050	1
937	40	85	20252.6317	0.150	1
938	41	85	20303.4403	0.050	1
939	42	85	20353.3915	0.050	1
940	43	85	20402.6513	0.100	1
941	3	87	18131.8310	0.050	1
942	4	87	18194.0009	0.050	1
943	5	87	18255.9618	0.050	1
944	6	87	18317.7509	0.050	1
945	7	87	18379.4208	0.050	1
946	8	87	18440.8505	0.050	1
947	10	87	18563.3114	0.050	1
948	11	87	18624.1513	0.050	1
949	12	87	18684.8817	0.050	1
950	13	87	18745.3407	0.050	1

Table II				Page 17/20	
951	15	87	18865.6610	0.050	1
952	16	87	18925.4813	0.050	1
953	17	87	18985.0106	0.050	1
954	18	87	19044.2411	0.050	1
955	21	87	19220.4911	0.050	1
956	22	87	19278.7020	0.050	1
957	23	87	19336.6005	0.050	1
958	24	87	19394.2118	0.050	1
959	25	87	19451.5106	0.050	1
960	26	87	19508.4716	0.050	1
961	27	87	19565.1317	0.050	1
962	28	87	19621.4110	0.050	1
963	29	87	19677.3310	0.050	1
964	30	87	19732.9306	0.050	1
965	31	87	19788.1220	0.050	1
966	32	87	19842.9520	0.050	1
967	33	87	19897.4306	0.050	1
968	34	87	19951.3915	0.050	1
969	35	87	20005.0204	0.050	1
970	36	87	20058.1317	0.050	1
971	37	87	20110.8310	0.050	1
972	38	87	20163.0009	0.050	1
973	39	87	20214.6610	0.050	1
974	40	87	20265.7802	0.050	1
975	41	87	20316.2919	0.050	1
976	42	87	20366.1806	0.050	1
977	43	87	20415.3407	0.050	1
978	4	92	18233.4095	0.050	1
979	5	92	18295.1810	0.050	1
980	6	92	18356.9310	0.050	1
981	7	92	18418.4095	0.050	1
982	8	92	18479.8001	0.050	1
983	9	92	18540.9407	0.050	1
984	10	92	18601.8900	0.050	1
985	11	92	18662.6810	0.050	1
986	13	92	18783.6204	0.050	1
987	14	92	18843.7611	0.050	1
988	15	92	18903.6693	0.050	1
989	16	92	18963.3001	0.050	1
990	17	92	19022.6009	0.050	1
991	18	92	19081.8197	0.050	1
992	19	92	19140.7005	0.050	1
993	21	92	19257.6595	0.050	1
994	23	92	19373.4603	0.050	1
995	24	92	19430.9095	0.050	1
996	26	92	19544.8197	0.050	1
997	3	94	18187.7708	0.050	1
998	5	94	18311.5404	0.050	1
999	6	94	18373.1302	0.050	1
1000	7	94	18434.5911	0.050	1
1001	8	94	18495.9095	0.050	1
1002	9	94	18557.0208	0.050	1
1003	10	94	18617.9505	0.050	1
1004	11	94	18678.6693	0.050	1
1005	13	94	18799.4603	0.050	1
1006	14	94	18859.5501	0.050	1
1007	15	94	18919.3607	0.050	1
1008	16	94	18978.9603	0.050	1
1009	17	94	19038.3001	0.050	1
1010	18	94	19097.4407	0.050	1
1011	19	94	19156.2298	0.050	1
1012	21	94	19273.0306	0.050	1

Table II				Page 18/20	
1013	22	94	19330.9896	0.050	1
1014	24	94	19446.1009	0.050	1
1015	26	94	19559.9193	0.050	1
1016	40	116	20483.7567	0.050	1
1017	41	116	20532.3967	0.029	1
1018	42	116	20580.2027	0.033	1
1019	43	116	20627.0965	0.029	1
1020	44	116	20672.7567	0.029	1
1021	45	116	20717.0164	0.045	1
1022	50	116	20894.7245	0.025	1
1023	51	116	20922.0370	0.025	1
1024	52	116	20949.1268	0.025	1
1025	53	116	20976.2730	0.029	1
1026	54	116	21003.5087	0.022	1
1027	56	116	21058.5790	0.022	1
1028	57	116	21086.4188	0.025	1
1029	59	116	21142.5575	0.050	1
1030	40	118	20500.7157	0.050	1
1031	41	118	20549.2600	0.029	1
1032	42	118	20596.8804	0.029	1
1033	43	118	20643.4807	0.029	1
1034	44	118	20688.9646	0.033	1
1035	45	118	20732.8465	0.050	1
1036	49	118	20879.4120	0.025	1
1037	50	118	20907.4267	0.029	1
1038	51	118	20934.5681	0.028	1
1039	52	118	20961.5909	0.034	1
1040	53	118	20988.6644	0.025	1
1041	54	118	21015.9043	0.022	1
1042	55	118	21043.3148	0.025	1
1043	56	118	21070.9397	0.029	1
1044	57	118	21098.7588	0.028	1
1045	58	118	21126.7059	0.050	1
1046	59	118	21154.8973	0.050	1
1047	6	119	18602.5593	0.050	1
1048	7	119	18663.3093	0.050	1
1049	8	119	18723.8699	0.050	1
1050	9	119	18784.2292	0.050	1
1051	10	119	18844.3796	0.050	1
1052	11	119	18904.2995	0.050	1
1053	12	119	18964.0906	0.050	1
1054	18	119	19317.4597	0.050	1
1055	22	119	19547.5593	0.050	1
1056	23	119	19604.3406	0.050	1
1057	24	119	19660.8288	0.050	1
1058	6	121	18622.9890	0.050	1
1059	7	121	18683.6199	0.050	1
1060	8	121	18744.1706	0.050	1
1061	9	121	18804.4089	0.050	1
1062	10	121	18864.6902	0.050	1
1063	11	121	18924.4890	0.050	1
1064	13	121	19043.6706	0.050	1
1065	18	121	19337.0906	0.050	1
1066	21	121	19509.7800	0.050	1
1067	22	121	19566.9402	0.050	1
1068	25	37	19190.1723	0.050	11
1069	26	37	19248.1411	0.050	11
1070	28	37	19363.0513	0.050	11
1071	29	37	19420.0610	0.050	11
1072	30	37	19476.7114	0.050	11
1073	31	37	19533.0513	0.050	11
1074	32	37	19588.9712	0.050	11

Table II			Page 19/20		
1075	33	37	19644.5513	0.050	11
1076	34	37	19699.6626	0.050	11
1077	35	37	19754.5415	0.050	11
1078	25	39	19196.5610	0.050	11
1079	26	39	19254.4809	0.050	11
1080	28	39	19369.3325	0.050	11
1081	29	39	19426.3520	0.050	11
1082	30	39	19482.9419	0.050	11
1083	31	39	19539.2427	0.050	11
1084	32	39	19595.1411	0.050	11
1085	33	39	19650.7427	0.050	11
1086	34	39	19705.8227	0.050	11
1087	35	39	19760.6509	0.050	11
1088	6	64	18162.5848	0.050	11
1089	7	64	18224.5653	0.050	11
1090	8	64	18286.3953	0.050	11
1091	9	64	18348.0555	0.050	11
1092	10	64	18409.5145	0.050	11
1093	11	64	18470.7352	0.050	11
1094	12	64	18531.8153	0.050	11
1095	13	64	18592.6649	0.050	11
1096	14	64	18653.3543	0.050	11
1097	15	64	18713.7547	0.050	11
1098	16	64	18773.9344	0.050	11
1099	17	64	18833.8856	0.050	11
1100	19	64	18952.9656	0.050	11
1101	21	64	19071.1043	0.050	11
1102	22	64	19129.7352	0.050	11
1103	24	64	19246.1453	0.050	11
1104	25	64	19303.9656	0.050	11
1105	26	64	19361.4344	0.050	11
1106	27	64	19418.5360	0.050	11
1107	33	64	19754.1942	0.050	11
1108	34	64	19808.9051	0.050	11
1109	35	64	19863.1141	0.050	11
1110	36	64	19916.9442	0.050	11
1111	37	64	19970.3250	0.050	11
1112	40	64	20127.7254	0.050	11
1113	6	66	18174.0946	0.050	11
1114	7	66	18236.0555	0.050	11
1115	8	66	18297.8446	0.050	11
1116	9	66	18359.4442	0.050	11
1117	10	66	18420.8641	0.050	11
1118	11	66	18482.0848	0.050	11
1119	12	66	18543.1356	0.050	11
1120	13	66	18603.9051	0.050	11
1121	14	66	18664.6844	0.100	11
1122	15	66	18724.9559	0.050	11
1123	16	66	18785.0653	0.050	11
1124	17	66	18844.9754	0.050	11
1125	19	66	18963.9656	0.050	11
1126	21	66	19082.0047	0.050	11
1127	22	66	19140.6258	0.050	11
1128	24	66	19257.0047	0.050	11
1129	25	66	19314.6942	0.050	11
1130	26	66	19372.1746	0.050	11
1131	27	66	19429.1942	0.050	11
1132	28	66	19485.9344	0.050	11
1133	33	66	19764.5946	0.050	11
1134	34	66	19819.1844	0.050	11
1135	35	66	19873.4051	0.050	11
1136	36	66	19927.1844	0.050	11

Table II			Page 20/20		
1137	37	66	19980.4852	0.050	11
1138	40	66	20137.6356	0.050	11
1139	6	67	18179.9763	0.050	11
1140	7	67	18241.8669	0.050	11
1141	8	67	18303.6560	0.050	11
1142	9	67	18365.2575	0.050	11
1143	10	67	18426.6462	0.050	11
1144	11	67	18487.8571	0.050	11
1145	12	67	18548.8571	0.050	11
1146	14	67	18670.2966	0.050	11
1147	17	67	18850.6970	0.050	11
1148	19	67	18969.5759	0.050	11
1149	21	67	19087.5759	0.050	11
1150	6	69	18192.0173	0.050	11
1151	7	69	18253.9060	0.050	11
1152	8	69	18315.6364	0.050	11
1153	9	69	18377.1462	0.050	11
1154	10	69	18438.5173	0.050	11
1155	11	69	18499.6970	0.050	11
1156	12	69	18560.6071	0.050	11
1157	14	69	18681.9372	0.050	11
1158	15	69	18742.2771	0.050	11
1159	16	69	18802.3767	0.050	11
1160	19	69	18981.0974	0.050	11
1161	21	69	19099.0173	0.050	11
