

RELATIVE RATINGS OF U.S.PERFINS

0131

BY

CLAUDE W.CAIN

PERFIN SOCIETY LIBRARY

Editors Note: Mr.Cain, a long time member of the Perfins Club and outstanding collector of United States Perfins, is most qualified to present this list of the RELATIVE RATING of U.S.Perfins according to the scarcity of each perfin. Mr.Cain worked closely with the following Perfins Club members in this work: Alfred Bartleson, Carl M.Swenson, Al Finley, L.R.Murray, L.G.Ludwig, K.F.Lougee, E.L.Fish, and others. If you should have questions or comments regarding this rating list, please write:

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LEGEND

"A" RARE	Only about five known copies
"B" SCARCE	About 50 in existence
"C" DIFFICULT	Found in the 2400-3600 collections
"D" COMMON	Found in collections up to 2400 types
"E" VERY COMMON	Make up bulk of the "under 1200" group

CAT.# - RATE	CAT.# - RATE	CAT.# - RATE	CAT.# - RATE	CAT.# - RATE
A 1 D	A 35 C	A 72 C	A 102-a E	A 128 E
A 1a C	A 36 C	A 73 C	A 102-b C	A 129 D
A 2 D	A 37 C	A 74 C	A 103 A	A 130 B
A 3 C	A 38 D	A 74.5 B	A 103-a E	A 131 C
A 4 A	A 39 D	A 75 C	A 104 B	A 132 C
A 5 C	A 40 D	A 76 E	A 105 B	A 133 B
A 6 C	A 41 C	A 77 C	A 106 E	A 134a D
A 7 B	A 42 C	A 78 E	A 107 D	A 134b E
A 8 C	A 43 C	A 79 B	A 108 D	A 135 D
A 9 C	A 44 C	A 79.5 B	A 109 A	A 135.5 B
A 10 C	A 45 C	A 80 E	A 110 C	A 136 C
A 11 C	A 46 D	A 81 B	A 110.5 A	A 137 C
A 12 E	A 46XX B	A 82.5 C	A 111 C	A 138 E
A 13 B	A 47 D	A 82.7 C	A 112 C	A 139 B
A 14 C	A 48 C	A 83.5 B	A 113 C	A 140 C
A 15 A	A 50 E	A 84 C	A 114 E	A 141 C
A 16 C	A 51 D	A 85 A	A 114.5 C	A 142 D
A 17 C	A 52 C	A 86 C	A 115 C	A 143 C
A 18 E	A 53 C	A 87 D	A 116 C	A 144 C
A 19 C	A 54 D	A 88 C	A 116A C	A 146 C
A 20 A	A 55 B	A 89 C	A 117 C	A 146.5 A
A 21 C	A 56 C	A 90 C	A 118 B	A 148 C
A 22 C	A 57 E	A 91 D	A 119 E	A 149 D
A 23 A	A 58 D	A 92 C	A 120 E	A 150 D
A 24 D	A 59 D	A 93 C	A 121 B	A 151 C
A 25 C	A 60 E	A 94 E	A 121.1 D	A 153 C
A 26 C	A 61 C	A 94a E	A 121.2 C	A 154 D
A 27 A	A 62 C	A 95 D	A 121.3 D	A 155 D
A 28 -	A 63 E	A 96 D	A 122 B	A 156 B
A 29 C	A 64 D	A 97 C	A 123 C	A 157 C
A 30 B	A 65 E	A 98 D	A 124 C	A 158 C
A 31 C	A 68 C	A 99 E	A 124.5 B	A 159 C
A 32 D	A 69 E	A 100 A	A 125 C	A 160 C
A 33 C	A 70 D	A 101 A	A 126 C	A 161 C
A 34 C	A 71 C	A 102 A	A 127 C	A 162 C

CAT.# - RATE		CAT.# - RATE		CAT.# - RATE		CAT.# - RATE		CAT.# - RATE	
A 163	C	A 207	C	A 221.40	C	A 268	E	A 303	C
A 164	C	A 209	B	A 221.41	C	A 268.5	B	A 304	C
A 165	B	A 210	C	A 221.42	C	A 269	B	A 305	C
A 166	D	A 211	B	A 221.43	B	A 270.1	E	A 305.5	A
A 167	D	A 212	C	A 221.44	E	A 270.2	E	A 306	C
A 167.3	A	A 213	A	A 222	C	A 270.3	D		
A 167.5	C	A 213.5	B	A 223	C	A 270.4	A		
A 168	E	A 214	C	A 224	C	A 270.5	C		
A 169	C	A 215	C	A 225	C	A 270.6	C		
A 170	C	A 216	B	A 226	C	A 270.7	B	B 1	B
A 171	C	A 218	C	A 227	B	A 270.8	B	B 2	C
A 172	D	A 219	B	A 228	A	A 270.9	D	B 3	E
A 173	D	A 220	A	A 229	E	A 270.10	D	B 4	B
A 173.5	A	A 221.1	E	A 230	D	A 270.11	D	B 5	C
A 174	B	A 221.2	C	A 230.5	C	A 270.12	C	B 5.5	C
A 175	C	A 221.3	D	A 231	C	A 270.13	C	B 6	C
A 176	E	A 221.4	C	A 232	A	A 270.14	E	B 7	D
A 176.5	E	A 221.5	A	A 233	B	A 270.15	D	B 8	B
A 177	A	A 221.6	D	A 234	C	A 270.16	C	B 9	B
A 178	D	A 221.7	C	A 235	D	A 270.165	C	B 10	C
A 179	C	A 221.8	C	A 236	C	A 270.17	C	B 11	C
A 179.5	C	A 221.9	C	A 236.5	A	A 270.175	A	B 12	C
A 180	C	A 221.10	A	A 238	C	A 270.18	D	B 12.5	D
A 181	C	A 221.11	A	A 239	D	A 270.19	C	B 12.6	C
A 182	C	A 221.12	C	A 240	A	A 270.20	C	B 12.7	B
A 182.5	B	A 221.13	C	A 241	D	A 271	E	B 12.9	C
A 183	C	A 221.13.5	A	A 242	D	A 272	E	B 13	C
A 184	C	A 221.14	C	A 243	D	A 273	C	B 14	D
A 184.5	C	A 221.15	D	A 244	E	A 275	C	B 15	E
A 185	C	A 221.16	C	A 245	A	A 276	D	B 15.5	C
A 186	A	A 221.17	D	A 246	A	A 277	E	B 16	B
A 187.1	A	A 221.18	C	A 247	D	A 278	C	B 17	E
A 187.2	C	A 221.19	C	A 247.5	D	A 280	E	B 18	C
A 187.3	C	A 221.20	B	A 248	C	A 281	C	B 19	C
A 187.4	E	A 221.21	D	A 248.3	A	A 283	B	B 20	B
A 187.5	E	A 221.22	E	A 248.5	A	A 283.5	B	B 21	C
A 188	C	A 221.23	D	A 249	D	A 284	C	B 22	D
A 189	A	A 221.24	D	A 250	C	A 284 xxx	E	B 23	C
A 190	C	A 221.25	D	A 251	D	A 285	D	B 24	A
A 191	B	A 221.25.5	B	A 252	A	A 286	B	B 25	A
A 192	C	A 221.26	E	A 252.5	A	A 287	E	B26	C
A 193	D	A 221.27	C	A 253	B	A 288	C	B 27	C
A 193.5	B	A 221.28	D	A 254	E	A 288.5	C	B 28	E
A 194	C	A 221.28a	E	A 255	B	A 289	D	B 29	D
A 195	C	A 221.29	D	A 256	C	A 289.5	A	B 30	D
A 196	A	A 221.30	A	A 257	B	A 290	A	B 31	D
A 197	C	A 221.30.8	C	A 258	C	A 291	D	B 31.5	B
A 198	B	A 221.31	C	A 259	C	A 292	C	B 32	B
A 198.5	B	A 221.32	D	A 260	A	A 293	B	B 33	D
A 199	C	A 221.33	C	A 261	C	A 294	C	B 33.5	A
A 200	E	A 221.34	C	A 261.5	D	A 295	C	B 34	E
A 201	E	A 221.35	D	A 262	D	A 296	C	B 35	B
A 202	B	A 221.36	E	A 263	E	A 297	C	B 36	A
A 203	C	A 221.37	C	A 264	C	A 298	C	B 37	C
A 204	E	A 221.37.9	C	A 265	C	A 299	D	B 38	C
A 205	C	A 221.38	C	A 266	D	A 300	A	B 39	B
A 205.5	C	A 221.39	A	A 267a	E	A 301	A	B 40	D
A 206	B	A 221.39.5	B	A 267b	D	A 302	B	B 41	D

CAT.# - RATE	CAT.# - RATE	CAT.# - RATE	CAT.# - RATE	CAT.# - RATE
B 42 E	B 93 E	B 116.37 C	B 157 B	B 208 A
B 43 C	B 94 B	B 116.38 C	B 158 D	B 209 B
B 44 C	B 96 C	B 116.39 C	B 158.5 B	B 210 D
B 45 E	B 96.5 C	B 116.40 C	B 159 C	B 211 C
B 46 D	B 97 E	B 116.41 B	B 160 E	B 212 C
B 47 A	B 98 E	B 116.42 C	B 161 D	B 213 C
B 48 C	B 99 C	B 116.43 C	B 162 E	B 214 E
B 49 D	B 100 B	B 116.44 C	B 163 D	B 215 E
B 50 D	B 101 E	B 116.45 B	B 163.5 B	B 216 A
B 51 A	B 102 B	B 116.46 D	B 164 C	B 217 C
B 52 D	B 103 E	B 116.47 C	B 165 E	B 218 C
B 53 D	B 104 C	B 116.48 B	B 165.5 A	B 219 C
B 53.5 D	B 105 C	B 116.49 B	B 165.7 A	B 220 E
B 54 E	B 106 C	B 117 E	B 166 B	B 222 C
B 55 A	B 107 B	B 118 C	B 167 C	B 222.5 C
B 56 C	B 108 B	B 119 C	B 167.5 A	B 223 A
B 58 C	B 109 B	B 120 E	B 168 D	B 223.5 B
B 59 D	B 110 C	B 121 A	B 169 B	B 224 E
B 60 C	B 111 B	B 121.5 A	B 170 C	B 225 E
B 61 C	B 112 E	B 122 C	B 170.5 B	B 226 E
B 62 C	B 113 B	B 123 C	B 170.7 B	B 226.5 C
B 63 B	B 114 C	B 124 D	B 171 C	B 227 C
B 63.5 B	B 115 C	B 125 B	B 172 E	B 228 E
B 64 B	B 116.1 E	B 126 D	B 172.5 A	B 229 D
B 64.5 A	B 116.2 D	B 127 C	B 173 D	B 230 A
B 65 B	B 116.3 C	B 127.5 C	B 174 E	B 231 C
B 66 A	B 116.4 C	B 127.7 A	B 175 A	B 233 E
B 67 B	B 116.5 C	B 128 C	B 176 E	B 235 C
B 67.5 A	B 116.8 D	B 129 B	B 177 E	B 235.5 C
B 68 B	B 116.9 C	B 129.5 B	B 177.5 D	B 236 C
B 69 C	B 116.10 D	B 131 B	B 178 C	B 237 E
B 70 C	B 116.11 D	B 132 C	B 179 D	B 237.5 A
B 73 C	B 116.12 C	B 133 C	B 180 E	B 237.7 A
B 74 D	B 116.13 C	B 134 D	B 181 E	B 238 E
B 75 A	B 116.14 C	B 135 A	B 182 C	B 238.5 E
B 76 E	B 116.15 D	B 136 C	B 183 D	B 239 E
B 76.5 A	B 116.16 C	B 137 C	B 185 B	B 240 C
B 77 E	B 116.17 C	B 137.5 C	B 186 C	B 241 E
B 78 D	B 116.18 C	B 138 E	B 187 C	B 242 C
B 79 C	B 116.19 C	B 139 E	B 188 C	B 243 A
B 80 C	B 116.20 D	B 140 C	B 189 A	B 244 C
B 81 D	B 116.21 C	B 141 D	B 190 D	B 244.5 C
B 82 C	B 116.22 D	B 142 A	B 191 A	B 245 D
B 83 D	B 116.23 C	B 143 C	B 192 C	B 246 C
B 84 D	B 116.24 C	B 144 C	B 193 C	B 247 C
B 85 C	B 116.25 D	B 145 E	B 194 C	B 247.5 A
B 86 C	B 116.26 C	B 146 E	B 195 E	B 248 C
B 86.5 C	B 116.27 D	B 147 C	B 196 D	B 249 E
B 86.7 -	B 116.275 B	B 148 C	B 197 B	B 249.5 A
B 87 C	B 116.28 D	B 149 A	B 198 E	B 250 C
B 87.5 B	B 116.29 C	B 150 C	B 199 C	B 251 A
B 88 B	B 116.30 A	B 151 B	B 199.5 A	B 252 E
B 88xx A	B 116.31 D	B 152 C	B 202 C	B 252.5 E
B 89 E	B 116.32 C	B 153 E	B 203 C	B 253 C
B 89.5 E	B 116.33 D	B 154 C	B 204 C	B 254 E
B 90 E	B 116.34 D	B 154.5 A	B 205 E	B 255 A
B 91 D	B 116.35 B	B 155 C	B 206 A	B 256 C
B 92 C	B 116.36 A	B 156 D	B 207 D	B 257 C

CAT.# - RATE	CAT.# - RATE	CAT.# - RATE	CAT.# - RATE	CAT.# - RATE	CAT.# - RATE				
B 258	E	C 12.5	A	C 58	A	C 121	B	C 173	C
B 258.5	B	C 13	D	C 59	C	C 122	C	C 174	E
B 259	A	C 14	A	C 60	B	C 122.5	A	C 175	B
B 260	C	C 15	D	C 61	D	C 123	C	C 176	C
B 261	C	C 16	E	C 61.5	A	C 124	E	C 176.5	D
B 262	A	C 17	B	C 62	E	C 125	C	C 177	A
B 262.5	A	C 18	C	C 63	E	C 127	A	C 177.5	B
B 263	C	C 19	C	C 64	C	C 128	A	C 178	B
B 264	C	C 20	D	C 65	C	C 129	A	C 179	C
B 265	C	C 21	C	C 66	B	C 129.5	B	C 180	E
B 266	C	C 22	C	C 67	C	C 130	C	C 181	C
B 267	A	C 22.5	A	C 68	A	C 131	C	C 182	D
B 268	B	C 22.7	B	C 69	E	C 131.5	B	C 183	C
B 269	C	C 23	C	C 70	D	C 132	E	C 183.5	A
B 270	C	C 24	E	C 71	C	C 133	C	C 184	E
B 271	C	C 24a	E	C 73	D	C 134	C	C 185.5	A
B 272	C	C 24b	E	C 73.5	A	C 134.5	C	C 186	C
B 273	C	C 24c	D	C 74	C	C 135	C	C 187	B
B 274	B	C 24d	A	C 76	D	C 136	C	C 188	E
B 274.5	A	C 24e	E	C 77	A	C 137	C	C 188.5	A
B 275	E	C 24f	E	C 80	C	C 138	D	C 189	E
B 276	C	C 24.5	E	C 81	D	C 138.5	B	C 190	E
B 277	E	C 25	B	C 82	C	C 139	D	C 191	B
B 278	E	C 25.5	B	C 83	E	C 140	C	C 191.5	C
B 279	E	C 26	B	C 84	E	C 141	C	C 192	C
B 279.5	E	C 27	D	C 86	C	C 142	E	C 193	A
B 280	E	C 28	E	C 87	C	C 143	B	C 194	E
B 281	E	C 29	C	C 89	B	C 144	A	C 195	C
B 282	A	C 30	C	C 90	C	C 145	C	C 196	C
B 284	C	C 31	B	C 91	C	C 146	E	C 197	C
B 285	B	C 32	C	C 92	A	C 147	E	C 197.5	B
B 286	C	C 33	E	C 93	D	C 148	C	C 198	E
B 287	B	C 34	C	C 94	E	C 149	E	C 198.5	B
B 287.5	D	C 35	C	C 93.5	A	C 150	E	C 199	B
B 288	B	C 36	C	C 95	E	C 151	D	C 200	E
B 289	C	C 37	B	C 96	C	C 152	C	C 200.5	B
B 290	C	C 38	B	C 97	B	C 154	D	C 201	E
B 291	B	C 38.5	A	C 98	B	C 155	E	C 202	C
B 292	E	C 38.7	A	C 99	C	C 156	C	C 203	C
B 293	B	C 39	C	C 100	C	C 157	C	C 204	D
B 293.5	C	C 40	C	C 101	C	C 158	C	C 204.3	A
B 294	A	C 40.5	A	C 102	C	C 159	C	C 204.5	B
B 295	D	C 41	D	C 104	B	C 160	C	C 205	B
		C 42	C	C 105	C	C 161	C	C 206	C
		C 43	E	C 106	C	C 161.5	B	C 207	C
C 1	B	C 44	E	C 107	A	C 162	C	C 208	C
C 2	C	C 45	E	C 108	B	C 163	C	C 208.5	B
C 3	D	C 46	E	C 109	D	C 164	E	C 209	B
C 4	C	C 47	C	C 110	C	C 164.5	A	C 210	B
C 5	C	C 48	B	C 111	E	C 164.7	A	C 211	E
C 6	C	C 49	B	C 112	A	C 165	A	C 212	D
C 7	C	C 50	C	C 113	D	C 165.5	C	C 213	C
C 8	C	C 51	A	C 114	A	C 166	A	C 214	E
C 9	C	C 52	E	C 115	C	C 167	E	C 215	A
C 10	C	C 53	C	C 116	A	C 168	C	C 216	E
C 11	C	C 54	A	C 117	A	C 169	C	C 217	D
C 11.5	C	C 55	C	C 118	E	C 170	D	C 218	D
C 11.7	B	C 56	B	C 119	C	C 171	E	C 219	E
C 12	E	C 57	E	C 120	D	C 172	C	C 221	C

CAT.# - RATE	CAT.# - RATE	CAT.# - RATE	CAT.# - RATE	CAT.# - RATE
C 222 C	C 269 C	C 325 E	C 372 C	C 422 E
C 223 E	C 270 D	C 326 C	C 372.5 A	C 423 E
C 224 C	C 272 E	C 327 E	C 374 C	C 424 E
C 225 A	C 273 C	C 328 C	C 375 E	C 425 D
C 226 A	C 274 B	C 329 C	C 376 E	C 426 C
C 227 A	C 275 A	C 330 C	C 377 C	C 427 C
C 228 E	C 276 A	C 334 E	C 378 C	C 428 C
C 229 E	C 277 A	C 334.5 A	C 379 E	C 429 C
C 230 C	C 278 E	C 335 C	C 380 D	C 430 C
C 230.5 A	C 279 E	C 336 C	C 380.5 B	C 431 D
C 231 C	C 280 E	C 337 A	C 381 C	C 432 A
C 232 D	C 281 C	C 338 C	C 382 D	C 433 D
C 232.5 C	C 281.5 A	C 339 C	C 382 ^{xxx} B	C 434 D
C 233 E	C 282.5 B	C 340 C	C 384 D	
C 233.5 A	C 283 C	C 341 D	C 385 C	
C 233.5a A	C 284 E	C 342 E	C 385.5 B	
C 234 C	C 285 A	C 343 A	C 386 C	
C 235 E	C 286 B	C 344 C	C 387 B	D 0.5 B
C 236 E	C 287 B	C 345 E	C 388 D	D 1 C
C 236.5 A	C 288 D	C 346 C	C 389 A	D 2 A
C 237 C	C 289 C	C 347 E	C 390 C	D 3 E
C 238 E	C 290 E	C 348 C	C 391 D	D 4 D
C 239 C	C 290.5 A	C 348.5 A	C 391.5 D	D 5 B
C 240 B	C 291 E	C 349 B	C 392 C	D 6 C
C 241 C	C 292 A	C 350 B	C 392.5 C	D 7 C
C 242 E	C 293 A	C 351 C	C 392.7 A	D 8 C
C 242.5 C	C 294 E	C 352 B	C 393 C	D 9 C
C 242.7 A	C 295 E	C 353 E	C 394 D	D 10 B
C 243 D	C 296 A	C 354 C	C 395 E	D 11 B
C 244 C	C 297 E	C 355 C	C 396 C	D 12 C
C 245 D	C 298 C	C 356a E	C 398 B	D 13 E
C 246 E	C 299 C	C 356 ^{ax} C	C 398.5 A	D 14 B
C 247 B	C 300 C	C 356b B	C 399 E	D 15 B
C 248 B	C 301 C	C 356c C	C 400 B	D 16 C
C 248.5 B	C 302 E	C 356d D	C 401 C	D 17 D
C 249 C	C 303 A	C 356e E	C 401.5 A	D 18 D
C 250 B	C 304 C	C 356f A	C 402 E	D 19 B
C 251 E	C 305 C	C 356g A	C 403 E	D 20 E
C 251.5 B	C 306 C	C 356h D	C 404 E	D 20.5 B
C 252 C	C 307 B	C 356i D	C 405 C	D 21 E
C 253 A	C 308 B	C 356j C	C 405.5 A	D 21.5 C
C 254 A	C 309 A	C 356k A	C 406 C	D 22 C
C 255 B	C 310 C	C 356l C	C 407 C	D 23 C
C 256 E	C 311 D	C 356m E	C 408 C	D 24 C
C 257 C	C 312 D	C 358 C	C 409 D	D 25 B
C 258 E	C 313 A	C 359 C	C 410 D	D 26 E
C 259 E	C 314 C	C 360 E	C 411 B	D 27 C
C 260 C	C 315 C	C 361.5 A	C 412 C	D 28 D
C 261 C	C 316 C	C 362 E	C 413 C	D 29 A
C 261.5 A	C 317 C	C 364 C	C 414 C	D 29.5 A
C 262 E	C 318 C	C 365 C	C 414.5 A	D 30 B
C 263 D	C 319 C	C 366 A	C 415 C	D 31 C
C 264 E	C 320 A	C 366 ^{xxx} A	C 416 E	D 31.5 B
C 265 C	C 321 D	C 367 C	C 417 E	D 32 B
C 265.5 C	C 321.5 A	C 369 D	C 418 E	D 33 C
C 266 C	C 322 B	C 370 B	C 419 D	D 34 A
C 267 C	C 323 C	C 371 B	C 420 C	D 35 C
C 268 A	C 324 D	C 371.7 A	C 421 C	D 36 E

CAT.# - RATE	CAT.# - RATE	CAT.# - RATE	CAT.# - RATE	CAT.# - RATE
D 37 B	D 90 C	D 147 B	E 45 B	E 99 D
D 38 E	D 91 C	D 147a C	E 45.5 A	E 100 D
D 39 B	D 92 C	D 148 E	E 46 C	E 101 C
D 40 B	D 93 C	D 149 E	E 47 C	E 103 E
D 42 E	D 94 D	D 150 A	E 48 C	E 105 E
D 43 D	D 95 C	D 151 C	E 49 D	E 107 C
D 44 E	D 96 E	D 152 C	E 50 E	E 108 D
D 45 B	D 97 C	D 153 E	E 50.5 A	E 109 E
D 46 D	D 98 C	D 154 E	E 51 C	E 110 C
D 46.5 A	D 99 C	D 155 E	E 52 B	E 111 E
D 47 D	D 100 C		E 53 A	E 113 C
D 48 B	D 101 D		E 54 E	E 114 E
D 49 E	D 102 B		E 55 B	E 116 D
D 49.5 C	D 102.5 B	E 1 B	E 56 C	E 117 E
D 50 C	D 103 C	E 2 C	E 57 C	E 118 C
D 51 B	D 104 D	E 3 E	E 58 E	E 119 E
D 52 C	D 107 C	E 4 C	E 59 D	E 120 E
D 53 C	D 108 C	E 5 C	E 60 D	E 121 C
D 54 C	D 109 B	E 6 B	E 61 C	E 122 C
D 55 C	D 110 E	E 7 C	E 62 C	E 123 C
D 56 E	D 111 E	E 8 B	E 63 E	E 123.5 B
D 57 E	D 112 B	E 9 C	E 64 B	E 124 C
D 58 C	D 113 D	E 11 D	E 65 D	E 124.5 E
D 59 C	D 114 C	E 12 A	E 65.5 A	E 125 C
D 61 E	D 115 D	E 13 B	E 66 E	E 126 C
D 61.5 E	D 116 D	E 13.5 B	E 67 D	E 127 C
D 62 B	D 117 C	E 13.9 A	E 68 D	E 128 A
D 63 C	D 118 C	E 14 C	E 69 E	E 129 A
D 63.5 A	D 119 E	E 15 D	E 70 E	E 130 A
D 64 A	D 120 E	E 16 D	E 71 C	E 131 D
D 65 B	D 121 D	E 17 C	E 72 C	E 131.5 B
D 66 C	D 122 A	E 18 C	E 73 E	E 132 B
D 67 E	D 123 C	E 19 B	E 74 C	E 132.5 A
D 68 E	D 124 E	E 20 C	E 75 B	E 133 D
D 69 C	D 125 E	E 22 C	E 76 B	E 134 E
D 70 C	D 126 C	E 23 C	E 77 C	E 135 D
D 71 C	D 127 C	E 23.5 B	E 78 C	E 136a D
D 72 C	D 128 D	E 24 D	E 79 D	E 136b C
D 73 C	D 129 E	E 25 A	E 80 A	E 137 C
D 73.5 C	D 129.5 D	E 26 C	E 81 A	E 138 C
D 73.7 E	D 130 E	E 27 B	E 82 A	E 140 C
D 74 C	D 131 E	E 28 D	E 83 C	
D 74.5 C	D 132 E	E 29 C	E 84 C	
D 75 C	D 133 E	E 30 C	E 84.5 A	
D 76 C	D 134 A	E 31 E	E 85 B	
D 77 B	D 135 C	E 32 B	E 86 B	
D 78 B	D 136 C	E 33 C	E 87 C	
D 79 C	D 137 C	E 34 D	E 87.5 A	
D 80 C	D 138 C	E 35 A	E 88 C	
D 81 E	D 139 E	E 35.5 C	E 89 B	
D 82 E	D 140 E	E 36 B	E 90 B	
D 83 C	D 141 C	E 37 C	E 91 B	
D 84 C	D 142 C	E 38 C	E 92 B	
D 85 C	D 143 C	E 39 C	E 93 E	
D 86 B	D 144 D	E 40 B	E 94 D	
D 87 A	D 144.3 B	E 41 B	E 95 B	
D 88 E	D 144.5 B	E 42 D	E 96 E	
D 88.5 A	D 145 B	E 43 C	E 97 C	
D 89 E	D 146 D	E 44 B	E 98 D	

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G 49	C	G 72-34	A	G 108	E	G 160	C	G 212	C
G 49 ^{xx}	E	-35	E	G 109	C	G 161	C	G 213	C
G 50	D	-36	D	G 110	B	G 161.5	C	G 122.5	A
G 51	E	-37	C	G 111	B	G 162	C		
G 52	A	-38	D	G 112	E	G 163	C		
G 53	B	-39	E	G 113	B	G 164	C		
G 53.5	A	-40	E	G 114	C	G 165	C	H 1	C
G 54	E	-42	D	G 115	D	G 165.5	B	H 2	B
G 55	C	-43	A	G 115.5	A	G 166	D	H 3	C
G 56	A	-44	D	G 116	E	G 166.5	C	H 4	C
G 57	C	-45	A	G 117	C	G 167	A	H 5	C
G 58	B	-46	E	G 118	D	G 168	C	H 6	B
G 59	D	-47	A	G 119	D	G 169	B	H 7	E
G 60	B	-48	D	G 119.5	B	G 170	C	H 8	E
G 61	D	-49	E	G 120	D	G 171	B	H 9	C
G 62	D	-50	B	G 120.5	A	G 171.5	C	H 10	C
G 63	B	-51	D	G 121	A	G 172	E	H 10.5	A
G 64	B	-52	E	G 122	B	G 173	C	H 11	C
G 65	B	-53	A	G 123	C	G 174	E	H 12	D
G 66	B		C	G 123.5	A	G 175	C	H 13	C
G 67	D	G 73	A	G 124	A	G 176	A	H 14	D
G 68	C	G 73.5	C	G 125	C	G 177	E	H 15	E
G 69	E	G 74	C	G 126	B	G 178	C	H 16	B
G 70	E	G 75	C	G 127	B	G 179	C	H 17	B
G 71	D	G 76	C	G 128	E	G 180	A	H 18	D
G 72-1	E	G 77	C	G 129	E	G 181	E	H 19.5	A
-2	E	G 78	D	G 130	A	G 182	C	H 20	E
-3	D	G 79	A	G 132	E	G 183	E	H 21	C
-4	E	G 80	C	G 134	B	G 184	E	H 22	E
-5	D	G 81	C	G 136	B	G 185	C	H 23	C
-6	A	G 82	B	G 137	C	G 186	B	H 24	C
-7	E	G 83	C	G 137.5	A	G 187	D	H 25	B
-8	E	G 84	C	G 138	C	G 188	C	H 26	D
-9	E	G 84.5	A	G 139	E	G 189	D	H 27	C
-10	E	G 85	B	G 140	B	G 190	C	H 28	C
-11	E	G 85.5	A	G 141	B	G 191	C	H 29	D
-12	A	G 86	D	G 144	D	G 192	C	H 30	B
-13	C	G 87	B	G 145	D	G 193	D	H 30.5	A
-14	E	G 88	A	G 146	C	G 194	B	H 31	C
-15	E	G 89	A	G 147	C	G 195	C	H 32	D
-16	A	G 90	C	G 148	C	G 196	B	H 33	C
-17	E	G 91	E	G 149	C	G 197	C	H 34	C
-18	E	G 92	B	G 150	E	G 198	C	H 35	C
-19	A	G 93	C	G 151	C	G 199	C	H 36	D
-20	D	G 94	B	G 152	E	G 199.5	A	HH 37	C
-21	E	G 95	B	G 153	D	G 200	B	H 38	A
-22	A	G 96	A	G 154	D	G 201	C	H 39	D
-23	E	G 97	B	G 155	E	G 202	D	H 40	B
-24	A	G 97.5	A	G 155A	D	G 203	C	H 41	E
-25	D	G 98	D	G 155B	E	G 204.5	A	H 42	C
-26	E	G 99	D	G 155C	E	G 205	B	H 43	A
-27	A	G 100	B	G 155D	D	G 206	C	H 44	A
-28	E	G 101	E	G 155E	C	G 207	C	H 45	B
-29	E	G 102	E	G 155F	C	G 207A	B	H 46	C
-30	A	G 103	D	G 156	B	G 208	D	H 47	C
-31	C	G 104	E	G 157	E	G 209	E	H 48	D
-32	E	G 105	B	G 158	B	G 210	C	H 49	E
-33	C	G 106	E	G 159	A	G 211	C	H 50	C
		G 107	E					H 51	E

H 52 B
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 H 69 DDC
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 H 79 DCC
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 H 81 BCB
 H 82 BCD
 H 83 DCA
 H 84.5 ABA
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 H 92 CCB
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H 109 B
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 H 112 BAB
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 H 132 EAC
 H 133 CAA
 H 134 CAA
 H 135 AAA
 H 136 AAC
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 H 162 CCA
 H 162xx CCA
 H 163 CDA
 H 164 CCA
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 H 215 BAA
 H 216 ADD
 H 217 DDC
 H 218 CCC
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 H 220 CCA
 H 220.5 CCA
 H 220.7 CAA
 H 221 AAC
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I 98	B	J 25.5	B	J 85	C	J 123	C	J 176	B
I 99	D	J 26	B	J 86	B	J 124	C	J 177	E
I 100	C	J 27	A	J 87	B	J 125	C	J 178 ^A	B
I 101	C	J 28	A	J 88	D	J 125.5	B	J 178 ^B	D
I 102	C	J 29	C	J 89	D	J 126	B	J 178 ^C	D
I 103	A	J 30	C	J 90	D	J 127	B	J 179	B
I 104	C	J 31	C	J 91	C	J 127.5	B	J 180	E
I 105	C	J 34	C	J 92	C	J 128	B	J 181	D
I 106	E	J 35	C	J 93	C	J 129	B	J 182	E
I 107	C	J 36	E	J 95	C	J 130	B	J 183	C
I 108	C	J 37	A	J 96.1	C	J 131	C		A
I 109	C	J 38	A	J 96.2	E	J 132	C		
I 110	C	J 39	C	J 96.3	B	J 133	C		
I 111	C	J 40	C	J 96.4	E	J 134	C		
I 111.5	A	J 41	D	J 96.5	D	J 135	A		
I 112	C	J 42	D	J 96.6	E	J 136	B	K 1	B
I 113	B	J 43	D	J 96.7	C	J 136.5	E	K 2	B
I 115	A	J 44	C	J 96.8	E	J 137	C	K 3	C
I 116	C	J 45	C	J 96.9	E	J 138	C	K 4	E
I 117	E	J 46	C	J 96.10	E	J 139	C	K 5	E
I 118	D	J 47	B	J 96.11	E	J 140	C	K 6	B
I 119	D	J 48	C	J 96.12	D	J 141	D	K 7	B
I 119.5	D	J 49	C	J 96.13	A	J 142	C	K 8	C
I 119.7	A	J 50	C	J 96.14	D	J 143	C	K 9	A
I 120	B	J 51	E	J 96.15	C	J 144	D	K 10	D
I 122	E	J 52	B	J 96.16	C	J 145	B	K 11	B
I 123	D	J 53	B	J 96-5	C	J 146	B	K 12	C
		J 54	D	J 97	D	J 147	A	K 13	C
		J 55	E	J 98	C	J 148	C	K 14	A
		J 55.5	B	J 99	E	J 149	C	K 15	B
		J 56	E	J 100	D	J 150	E	K 16	B
		J 57	B	J 101	C	J 151	B	K 17	B
		J 58	C	J 102	C	J 152	B	K 18	D
		J 59	A	J 103	B	J 153	C	K 19	B
J 1	B	J 61	D	J 104	C	J 154	B	K 20	C
J 2	C	J 62	E	J 105	D	J 156	B	K 21	E
J 3	B	J 63	D	J 105.5	D	J 157	C	K 22	C
J 4	C	J 64	C	J 106	D	J 158	B	K 23	C
J 5	E	J 66	B	J 106A	D	J 159	C	K 24	B
J 6	C	J 67	D	J 107	A	J 160	E	K 25	C
J 7	C	J 68	D	J 108	E	J 161	D	K 26	C
J 8	E	J 69	D	J 108.5	B	J 162	A	K 27	D
J 9	E	J 70	D	J 108.6	E	J 162.5	B	K 28	D
J 10	B	J 71	C	J 109	C	J 163	B	K 29	D
J 11	B	J 72	A	J 109.5	E	J 165	B	K 30	E
J 12	C	J 73	A	J 110	B	J 166	B	K 31	E
J 13	D	J 74	D	J 111	D	J 166.5	A	K 32	E
J 13.5	A	J 75	A	J 112	B	J 167	C	K 33	A
J 14	D	J 75.5	B	J 113	C	J 167.5	E	K 34	C
J 15	C	J 76	A	J 114	C	J 168	B	K 35	C
J 16	D	J 77	B	J 115	C	J 169	C	K 36	B
J 18	C	J 78	B	J 116	D	J 170	D	K 37	C
J 19	C	J 79	C	J 117	B	J 171	E	K 38	C
J 20	C	J 80	C	J 118	C	J 172	C	K 39	D
J 21	D	J 81	D	J 119	A	J 173	C	K 40	D
J 23	C	J 82	C	J 120	C	J 173.5	A	K 41	C
J 24 ^A	E	J 83	C	J 121	D	J 174	B	K 42	C
J 24 ^B	C	J 84	C	J 122	C	J 175	E	K 43	D
J 25	C		E		C		B	K 44	B

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K 45	B	L 16.5	A	L 58	A	L 98	A	L 146	D
K 46	D	L 17	D	L 59	B	L 99	D	L 147	B
K 47	C	L 18	D	L 60.1	E	L 100	D	L 148	C
K 48	D	L 19	D	L 60.2	E	L 101	C	L 149	C
K 49	B	L 20	D	L 60.3	C	L 102	E	L 150	C
K 50	C	L 20.5	C	L 60.4	C	L 103	C	L 151	E
K 51	C	L 21	E	L 60.5	B	L 103.5	A	L 152	D
K 52	D	L 23	C	L 60.6	C	L 104	C	L 153	D
K 53	C	L 23.5	B	L 60.7	A	L 105	D	L 154	C
K 54	D	L 24	E	L 60.8	A	L 106	D	L 155	C
K 54.5	C	L 25	E	L 60.9	D	L 107	B	L 156	E
K 55	C	L 26	E	L 60.10	B	L 108	B	L 157	E
K 55.3	B	L 27	E	L 60.11	C	L 109	B	L 158	E
K 56	C	L 28	C	L 61	D	L 110	B	L 159	E
K 56.5	A	L 29	C	L 62	C	L 111	C	L 160	C
K 57	D	L 30	D	L 63	C	L 112	E	L 161	C
K 58	D	L 32	C	L 64	A	L 113	B	L 162	C
K 59	D	L 34	E	L 65	E	L 114	A	L 163	D
K 60	D	L 35	C	L 65.5	B	L 115	D	L 164	E
K 61	B	L 36	E	L 66	C	L 116	D	L 165	A
K 62	D	L 37	C	L 67	C	L 117	C	L 166	B
K 63	C	L 38	C	L 68	C	L 117.5	B	L 167	D
K 64	A	L 39	E	L 69	B	L 118	D	L 168	D
K 65	C	L 41	B	L 70	C	L 119	B	L 168.5	A
K 66	C	L 42	C	L 71	C	L 120	D	L 169	E
K 67	B	L 43	D	L 72	A	L 121	D	L 170	A
K 68	D	L 44	E	L 73	C	L 122	E	L 170.5	D
K 69	D	L 45	C	L 74	D	L 123	E	L 171	A
K 70	B	L 46	C	L 75	C	L 124	A	L 172	C
K 71	D	L 47	C	L 76	E	L 125	D	L 173	B
K 72	E	L 48	B	L 77	E	L 126	C	L 174	A
K 73	B	L 50	C	L 78	E	L 128	D	L 175	A
K 74	C	L 51	C	L 79	E	L 129	C	L 176	C
		L 52	D	L 80	C	L 129xx	D	L 177	C
		L 53	B	L 81	C	L 130	E	L 178	E
		L 54	C	L 81	C	L 131	D	L 179	C
		L 55.1	E	L 82	C	L 132	E	L 180	C
L 1	A	L 55.2	A	L 83	B	L 133	C	L 181	D
L 2	B	L 55.3	C	L 84	E	L 134	D	L 182	D
L 3	C	L 55.4	E	L 85	D	L 135	D	L 183	E
L 4	A	L 55.5	D	L 86	C	L 136	D	L 184	D
L 5	E	L 55.6	E	L 87	C	L 137	D	L 185	D
L 6	C	L 55.7	D	L 88	C	L 138	E	L 185.5	A
L 7	E	L 55.8	A	L 89	C	L 138.5	A	L 186	E
L 8	D	L 55.9	A	L 90	B	L 139	C	L 187	E
L 9	A	L 55.10	D	L 90.5	A	L 140	B	L 187.5	E
L 10	B	L 55.11	C	L 91	A	L 141	A	L 188	E
L 11	C	L 55.12	D	L 92	C	L 141.5	A	L 189	C
L 12	C	L 55.13	D	L 93	C	L 142	C	L 190	C
L 13	C	L 55.14	A	L 94	C	L 143	C	L 190.5	D
L 14	E	L 56	C	L 95	D	L 144	E	L 191	E
L 15	E	L 56.5	C	L 96	D	L 145	B	L 191.5	B
L 16	D	L 57	E	L 97	C	L 145.5	C	L 192	E
								L 192.5	A

I 92 Branches:

AD	C	C	D	F	C	Dots at AB, ABC, AC, AG, BE, BEG, E are all listed but questionable.
B	C	EF	C	G	B	
BD	D	EFG	E	H	C	
BF	E	EG	C			

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M 1	D	M 48	E	M 106B	E	M 161	E	M 208.5	A
M 1.5	A	M 49	C	M 107	A	M 162	E	M 210	C
M 2	D	M 50	E	M 108	A	M 163	C	M 211A	D
M 3	D	M 51	E	M 109	B	M 164	E	M 211B	E
M 4	D	M 52	C	M 110	B	M 165	D	M 212	D
M 5	B	M 53	B	M 111	A	M 166	B	M 213	C
M 6	B	M 54	D	M 112	B	M 167	E	M 214	B
M 7	C	M 55	C	M 113	A	M 167.5	A	M 215	C
M 8	C	M 56	C	M 115	D	M 168	A	M 217	C
M 8.3	B	M 57	A	M 116	E	M 169	B	M 218	D
M 8.5	B	M 58	E	M 117	B	M 170	A	M 219	C
M 9	E	M 59	B	M 118	A	M 171	C	M 220	B
M 10	D	M 60	D	M 119	B	M 172	B	M 221	A
M 10.5	E	M 61	B	M 120	B	M 173	A	M 222	B
M 11	B	M 62	D	M 121	B	M 174	D	M 224	C
M 11.3	B	M 63	A	M 122	B	M 175	B	M 225	B
M 11.5	B	M 64	B	M 123	D	M 176	C	M 226	A
M 12	E	M 66	B	M 123.5	A	M 176.5	A	M 227	E
M 13	C	M 67	C	M 123.7	A	M 177	C	M 228	D
M 14	E	M 68	C	M 124	C	M 178	A	M 230	B
M 15	C	M 69	C	M 125	B	M 180	D	M 231	D
M 16	B	M 70.5	D	M 126	C	M 181	B	M 233	E
M 17	C	M 71	A	M 127	A	M 182	B	M 234	C
M 18	A	M 72	C	M 129	B	M 183	C	M 235	E
M 19	B	M 73	C	M 130	C	M 183.5	C	M 236	B
M 20	C	M 74	C	M 132	C	M 184	E	M 237	D
M 21	C	M 75	D	M 133	C	M 185	C	M 238	C
M 22	C	M 76	C	M 134	B	M 186	A	M 239	C
M 23	C	M 77	A	M 135	A	M 187	C	M 240	B
M 24	A	M 78	B	M 137	C	M 187.5	B	M 241	D
M 25	A	M 79	E	M 140	C	M 188	B	M 242	C
M 26	B	M 81	D	M 141	A	M 188.5	C	M 243	B
M 27	C	M 82	C	M 142	B	M 189	C	M 244	C
M 28	E	M 83	E	M 142.3	A	M 190	E	M 245	C
M 29	B	M 84	E	M 142.5	B	M 191	C	M 246	C
M 30	A	M 84.5	C	M 143	B	M 192	E	M 247	C
M 31	C	M 87	A	M 144	B	M 193	D	M 248	A
M 32	C	M 89	B	M 145	B	M 194	C	M 248.5	C
M 33	D	M 90	C	M 146	E	M 195	D	M 249	C
M 34	D	M 91	E	M 147	C	M 196	C	M 250	E
M 35	B	M 92	B	M 148	B	M 197	C	M 251	D
M 36	C	M 93	C	M 149	E	M 197.5	A	M 252	B
M 37	C	M 95	A	M 150	C	M 198	C	M 253	E
M 38	C	M 96	B	M 151	D	M 199	B	M 254	D
M 39	B	M 97	D	M 152	D	M 200	C	M 256	C
M 40	A	M 98	B	M 153	E	M 201	B	M 257	E
M 40A	C	M 99	D	M 154	D	M 202	D	M 258	C
M 41	C	M 100	C	M 154A	C	M 203	C	M 258.5	D
M 42	C	M 101	C	M 155	C	M 204A	B	M 259	E
M 43	C	M 102	C	M 156	D	M 204B	C	M 260	E
M 44	D	M 103	C	M 157	C	M 205	D	M 261	A
M 45	A	M 104	C	M 158	E	M 207	B	M 262	A
M 46	B	M 105	B	M 159	E	M 207A	B	M 263	C
M 47	E	M 106A	D	M 160	C	M 208	C	M 264	C

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M 265	C	N 6	A	N 66	E	N 108.5	B	C OA	A
M 268	EE	N 7	EC	N 67	EA	N 109	EC	1	ED
M 269	EE	N 8	CA	N 68	EA	N 112	CC	2	DD
M 270	CC	N 9	AD	N 69	CE	N 113	MLY	3	DD
M 271	CB	N 10	DD	N 70	EE	None	D	4	CC
M 272	DB	N 11	DD	N 71	CC	0	DE	5	CC
M 272.5	BC	N 12	CC	N 72	CC	1	EE	6	CC
M 273	CC	N 13	CD	N 73	CB	2	EE	6A	CC
M 274	CC	N 14	DB	N 74	CB	3	EE	7	CC
M 275	CC	N 15	CC	N 75	BD	4	ED	7A	CC
M 276	CC	N 16	CC	N 76	CC	5	CA	8	CC
M 276.5	CB	N 17	CC	N 77	CC	6	DA	9	Arg
M 278	CD	N 18	CC	N 78	CC	7	DE	10	DE
M 279	CD	N 19	CC	N 79	CC	11	DE	11	DE
M 280	CB	N 20	CC	N 80	CC	12	EE	12	EE
M 281	CB	N 21	CD	N 81	CC	13	EC	13	DD
M 282	CC	N 22	CA	N 82	CB	14	CD	14	DD
M 283	CC	N 23	AD	N 83	BD	15	DE	14A	CC
M 285	CC	N 24	DA	N 84	CB	16	EA	15	Can
M 286	CD	N 26	AE	N 85	BB	17	EA	16	Can
M 286.5	AD	N 27	EC	N 86	BB	A 0	ED	D 0	E
M 287	DC	N 28	CB	N 87	BB	1	DD	1	ED
M 288	CD	N 29	BD	N 88	CC	1A	DB	2	DD
M 289	DD	N 30	DD	N 89	CC	2A	DE	3	DD
M 291	DD	N 31	CC	N 90	DE	3	EE	3A	DD
M 292	CC	N 32	CB	N 90.5	EA	4	EE	4	DD
M 293	CA	N 33	CC	N 91	AD	5	DE	5	DD
M 294	AD	N 34	CC	N 92	DB	6	EE	5A	CC
M 295	DD	N 35	CC	N 93	BB	6A	EA	6	CE
M 296	DD	N 36	CC	N 94	BB	7	AA	10	CE
M 297	DC	N 37	CC	N 95	BB	10	AD	11	EE
M 298	AD	N 38	CC	N 96	CC	11	DD	12	EE
M 299	DD	N 39	CE	N 97	CC	11A	DE	13	EE
M 300	DD	N 41	DE	N 98	CC	12B	EE	14	EE
M 301	CC	N 42	DE	N 99	CE	13	EE	15	EE
M 302	CC	N 43	DE	N 100	CC	14	DE	16	EE
M 303	CE	N 44	DB	N 101	DD	15	DE	Aa 0	DE
M 305	EB	N 46	BE	N 102	CC	16	DC	1	CE
M 306	CC	N 47	EC	N 103	DD	B 0	CE	2	CE
M 307	CC	N 49	CC	N 104	CC	1	CE	3	EE
M 308	BD	N 52	CE	.1	CA	2	CE	4	EE
M 309	DC	N 53	EE	.2	AA	3	ED	5	EA
M 310	CB	N 54	EA	.3	AA	4	D	5A	EA
M 310.5	BB	N 55	AB	.4	CA	5	Can	6	DD
M 311	B	N 56	BB	.5	CA	6	E	11	DD
		N 58	BC	.6	CA	7	EA	12	DE
		N 59	CD	.10	CC	11	AD	13	EE
		N 60A	DE	.11	CA	12	DD	14	EE
		N 60B	EE	.12	CA	13	DA	15	EE
		N 61	EE	.13	CA	13A	AD	15A	EA
		N 62	CA	.14	CA	14	DE	16	EA
N 0.5	B	N 63	CA		CC	15	Can	16A	DD
N 2	DB	N 64	AC	N 105	CC	16	D	Bb 0	DE
N 3	BC	N 65	CC	N 106	CC	C 0	E	1	DD
N 5	C			N 107	CC				DD
				N 108	CC				DD

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N 113	MLY	AB	0	D	N 127	C	N 180	D	0	16	B
Bb 1A	C		1	C	N 128	D	N 181	C	0	17	D
2	C		2	C	N 129	D	N 182	E	0	19	B
2A	C		3	D	N 129.5	E	N 183	C	0	20	B
3	D		4A	D	N 130	E	N 184	E	0	21	B
3A	D		5	D	N 131	E	N 185	B	0	22	D
4	C		6	D	N 132	C	N 186	D	0	23	A
4A	C		7	D	N 133	D	N 187	C	0	24	A
5	D		11	D	N 134	C	N 188	D	0	24.3	A
5A	C		12	C	N 135	D	N 189	D	0	24.5	A
6	D		13	C	N 136	D	N 190	C	0	25	C
6A	C		14	A	N 137	D	N 191	C	0	25.5	C
7	A		15	C	N 138	D	N 192	B	0	26	C
10	A		15.5	A	N 138.5	E	N 193	D	0	27	C
11	E	AB	16	C	N 139	C	N 194	D	0	28	C
12	E	ABb	0	D	N 140	C	N 195	B	0	29	A
13	D		1	D	N 141	C	N 196	D	0	30	B
14	C		2	C	N 142	D	N 197	B	0	31	E
15	E		3	C	N 143	B	N 198	E	0	32	E
16	B		4	D	N 144	A	N 199	C	0	33	D
Cc 0	E		5	C	N 145	D	N 200	C	0	34	C
1	C		5A	C	N 145.5	E	N 201	C	0	36	C
1A	D		6	D	N 146	C	N 202	C	0	36.5	D
2	D		6A	C	N 147	D	N 204	E	0	37	B
3	C		7	C	N 148	D	N 205.1	C	0	38	E
3A	A		7A	C	N 149	C	N 205.2	C	0	39	E
4	Can		8	D	N 150	D	N 205.3	C	0	40	B
5	D		9	D	N 151	E	N 205.4	A	0	41	A
6	C		10	D	N 152	C	N 205.5	A	0	42	B
7	D		11	A	N 153	E	N 206	E	0	43	A
11	D		12	D	N 154	D	N 206.5	C	0	44	B
12	D		13	C	N 155	C	N 207	D	0	45	C
13	C		14	C	N 155.5	A	N 207.5	A	0	46	B
14	C		15	C	N 156	C	N 208	B	0	47	E
15	C		16	D	N 157	D	N 209	C	0	48	E
15A	C	BbDd	0	D	N 158A	E	N 210.5	A	0	49	E
15B	A		11	D	N 158B	D	N 211	E	0	50	D
16	D		12	C	N 161	C	N 212	E	0	51	B
Dd 0	D		13	C	N 162	E	N 213	E	0	52	C
1	E		14	C	N 163	E			0	53	C
2	D	N 113.5A		D	N 164	C			0	55	D
3	D	N 113.5B		E	N 165	D			0	56	E
3A	C			C	N 166	C			0	57	C
4	D			C	N 167	C			0	58	C
4A	A			B	N 168	B			0	59	C
5	Can			D	N 170	D	0 1	B	0	60	E
6	E			A	N 171	A	0 3	A	0	61	D
7	D			C	N 172	D	0 4	B	0	62	B
11	D			C	N 173	D	0 5	C	0	63	B
12	D			C	N 174	D	0 6	D	0	64	B
13	D			E	N 175	C	0 7	C	0	65	D
14	E			E	N 176	D	0 9	B	0	66	C
15	D			C	N 177	B	0 11	B	0	67	B
16	E			A	N 178	B	0 12	E	0	68A	B
17	D			B	N 179	A	0 14	D	0	68B	E
							0 15	B	0		E

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0	69	C	P	20	C	P	56.1	E	P	97	B	P	149	B
0	70	E	P	22	C	P	.2	E	P	98	A	P	150	E
0	71	C	P	22.5	C	P	.3	D	P	99	C	P	151	E
0	71.5	A	P	23	C	P	.4	B	P	100	B	P	152	E
0	73	B	P	24	C	P	.5	E	P	100.3	A	P	153	E
0	74	D	P	25	C	P	.6	D	P	100.5	A	P	154	E
0	75	E	P	26	D	P	.7	D	P	101	A	P	157	C
0	76	E	P	27	C	P	.8	D	P	102	D	P	158	E
0	77	D	P	28	C	P	.9	D	P	103	C	P	159	B
0	78	C	P	29	A	P	.10	Ind	P	104	B	P	160	A
0	79	C	P	30	C	P	.11	E	P	105	C	P	161	C
0	80	A	P	31	A	P	.12	B	P	106	C	P	162	C
0	81	B	P	32	E	P		A	P	107	C	P	163	B
0	82	D	P	33	C	P		C	P	108	C	P	163.5	B
0	84	B	P	34	A	P		E	P	109	D	P	164	B
0	85	D	P	34.5	C	P		D	P	110	C	P	165	C
0	86	C	P	35	A	P		B	P	111	A	P	165.5	C
0	87	A	P	36	B	P		C	P	112	C	P	166	A
0	87.5	B	P	37	B	P		C	P	113	C	P	167	C
0	89	A	P	39	D	P		E	P	114	B	P	168	B
0	92	E	P	39A	B	P		D	P	115	C	P	169	C
0	93	C	P	40	A	P		C	P	116	D	P	170	A
0	94	C	P	41	E	P		A	P	117	D	P	171	D
0	95	D	P	42	D	P		D	P	118	C	P	172	C
0	96	A	P	43	E	P		C	P	119	C	P	173	B
0	97	C	P	44	C	P		E	P	119.5	E	P	173.5	B
0	97.5	D	P	45	A	P		C	P	120	C	P	174	D
0	98	B	P	46	B	P		B	P	121	C	P	175	E
0	99	A	P	47	E	P		C	P	121.5	B	P	176	C
0	99	C	P	48	E	P		C	P	122	C	P	177	D
0	100	C	P	49	B	P		C	P	123	C	P	178	D
0	101	A	P	50	C	P		C	P	124	E	P	179	D
0	102	D	P	51	B	P	.5	B	P	125	C	P	180	E
0	103	C	P	51.3	D	P		C	P	126	C	P	181	B
0	104	A	P	51.5	B	P		C	P	127	C	P	182	D
0	105	C	P	52	A	P		D	P	128	D	P	183	C
			P	53	E	P		B	P	129	C	P	184	C
			P	54	E	P		C	P	130	C	P	185	C
			P	55.1	E	P		C	P	131	E	P	186	E
			P	55.2	C	P		D	P	132	E	P	187	C
			P	55.3	C	P		C	P	133	E	P	188	A
			P	55.4	D	P		C	P	134	A	P	189	C
			P	55.5	D	P		A	P	135	C	P	190	C
			P	55.6	C	P		C	P	136	B	P	191	B
			P	55.7	C	P		C	P	137	B	P	192	B
			P	55.8	C	P		C	P	138	C	P	193	C
			P	55.9	C	P		C	P	139	C	P	194	B
			P	55.10	Ca	P		A	P	140	A	P	195	B
			P	55.11	D	P		A	P	141	C	P	196	C
			P	55.12	D	P		A	P	142	C	P	197	E
			P	55.13	Ca	P		C	P	143	C	P	198	E
			P	55.14	D	P		C	P	144	C	P	199	D
			P	55.15	A	P		C	P	146	C	P	200	D
			P	55.16	A	P	.3	C	P	147	C	P	201	D
			P	55.17	C	P	.5	C	P	148	C	P	202A	C
			P	2	C	P		D	P			P		D
			P	3	B	P			P			P		
			P	5	C	P			P			P		
			P	6	B	P			P			P		
			P	7	B	P			P			P		
			P	8	C	P			P			P		
			P	10	E	P			P			P		
			P	11	C	P			P			P		
			P	12	C	P			P			P		
			P	13	C	P			P			P		
			P	14	A	P			P			P		
			P	15	E	P			P			P		
			P	16	D	P			P			P		
			P	17	C	P			P			P		
			P	19	E	P			P			P		

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P	202B	E	P	255	D	R	22	A	R	74	C	R	123	A
P	203	C	P	256	B	R	23	B	R	75	E	R	124	C
P	204	C	P	256.5	A	R	23.5	A	R	75A	C	R	125	C
P	205	D	P	257	B	R	24	A	R	76	C	R	126	C
P	206	D	P	258	B	R	24.5	A	R	77	C	R	127	D
P	208	D	P	259	B	R	25	A	R	79	C	R	128	D
P	209	D	P	260	C	R	26	A	R	80	C	R	129	E
P	210	C	P	261	B	R	27	C	R	81	C	R	130	D
P	211	C				R	28	D	R	82	D	R	131	B
P	212	B				R	30	A	R	83	A	R	132	A
P	213	B				R	31	C	R	84	A	R	133	A
P	214	D				R	32	C	R	85	A	R	134	C
P	215	C				R	33	C	R	86	A	R	135	B
P	216	C	0	0.5	A	R	34	B	R	87	D	R	136	B
P	217	C	0	1	C	R	35	D	R	87.5	E	R	137	C
P	218	C	0	2	D	R	37	D	R	88	C	R	138	C
P	219	C	0	3	D	R	39	B	R	89	C	R	139	C
P	220	D	0	4	D	R	41	D	R	90	B	R	140	C
P	221	C	0	5	B	R	42	C	R	91	A	R	141	C
P	222	C	0	6	E	R	43	C	R	92	B	R	142	E
P	223	D	0	7	D	R	44	C	R	93	D	R	143	C
P	224	D	0	8	B	R	45	A	R	94	C	R	144	C
P	225	A	0	9	B	R	46	C	R	95	E	R	145	C
P	225.5	A	0	10	C	R	47	E	R	96	A	R	146	C
P	226	C				R	47A	C	R	97	E	R	147	A
P	227	C				R	48	E	R	98	E	R	148	B
P	229	C				R	49	A	R	99	C	R	149	B
P	230	C				R	50	C	R	100	C	R	150	A
P	231	A				R	51	C	R	101	C	R	151	A
P	232	B	R	2	E	R	52	C	R	102	B	R	152	C
P	234	D	R	3	B	R	53	C	R	103	C	R	153	D
P	235	D	R	4	B	R	54	A	R	104	C	R	154	D
P	236	C	R	5	B	R	55	D	R	105	C	R	155	C
P	237	D	R	6	A	R	56	D	R	106	C	R	156	C
P	238	A	R	7	D	R	57	C	R	107	C	R	157	C
P	239	C	R	8	C	R	58	C	R	108	C	R	158	C
P	240	C	R	9	A	R	59	C	R	109	C	R	159	A
P	241	E	R	10	A	R	60	C	R	110	C	R	160	A
P	242	B	R	11	C	R	61	A	R	111	E	R	161	C
P	243	C	R	12	B	R	62	C	R	112	C	R	162	C
P	244	D	R	13	C	R	63	A	R	112.5	B	R	163	C
P	245	D	R	13.5	C	R	64	B	R	113	B	R	164	C
P	246	A	R	14	B	R	65	C	R	115	C	R	165	B
P	247	E	R	15	A	R	66	C	R	116	D	R	166	A
P	248	B	R	16	C	R	67	C	R	117	C	R	167	B
P	250	B	R	17	C	R	68	C	R	118	C	R	168	B
P	251	B	R	18	C	R	69	C	R	119	C	R	169	B
P	252	C	R	18.5	B	R	70	C	R	120	D	R	170	C
P	253	C	R	19	B	R	71	C	R	121	C	R	171	C
P	253.5	C	R	20	B	R	72	B	R	121A	E	R	172	C
P	254	E	R	21	C	R	73	B	R	122	E	R	173	D

INTERNATIONAL HARVESTER COMPANY #C 152

No extra		Dist Hole B	2	D	3	C	4	F
0	D	2	D	3	C	4	D	D
2	D	3	F	4	C	5	D	D
3	D	4	D	5	C	6	D	B
4	D	5	D	6	C	7	D	D
5	D	6	D	7	C	8	D	B
6	F	7	C	8	E	9	C	D
7	C	8	E	9	C	10	D	C
8	D	9	D	10	D	11	C	B
9	C	10	D	11	C	12	D	C
10	D	11	F	12	D	13	C	C
11	E	12	D	13	D	14	C	C
12	D	13	D	1 ¹ / ₂	C	15	C	C
13	D	1 ¹ / ₂	D	2 ¹ / ₂	C	1 ¹ / ₂	A	C
15	B	2 ¹ / ₂	C	3 ¹ / ₂	C	2 ¹ / ₂	A	C
1 ¹ / ₂	D	3 ¹ / ₂	C	4 ¹ / ₂	D	3 ¹ / ₂	A	A
2 ¹ / ₂	D	4 ¹ / ₂	D	5 ¹ / ₂	D	4 ¹ / ₂	A	A
3 ¹ / ₂	D	5 ¹ / ₂	D	6 ¹ / ₂	D	7 ¹ / ₂	A	A
3 ¹ / ₂ -14	C	6 ¹ / ₂	C	7 ¹ / ₂	C	8 ¹ / ₂	C	C
4 ¹ / ₂	B	7 ¹ / ₂	E	8 ¹ / ₂	U			
5 ¹ / ₂	D	8 ¹ / ₂	D	9 ¹ / ₂	C	Dist Hole D		
6 ¹ / ₂	D	9 ¹ / ₂	D	10 ¹ / ₂	E	4 ¹ / ₂	D	
7 ¹ / ₂	D	10 ¹ / ₂	D	11 ¹ / ₂	D	Dist Hole G		
8 ¹ / ₂	D	11 ¹ / ₂	B	12 ¹ / ₂	C	0	D	
9 ¹ / ₂	D	12 ¹ / ₂	C			1	C	
10 ¹ / ₂	D			Dist Hole C		2	D	
11 ¹ / ₂	B	Dist Hole A		0	C	3	D	
12 ¹ / ₂	E	0	C	2	C			
								Dist Hole H
								0
								1
								2
								4
								5
								6
								14
								1 ¹ / ₂ -4 ¹ / ₂
								7 ¹ / ₂
								9 ¹ / ₂
								Misc
								C

NOTE:

Each type has been analysed as follows:

- (1) The range of years that each type was used has been compiled. For example, U 61, very common, was used on issues from 1908 to 1963, while the scarce U 12 only from 1912-1914.
- (2) In key collections a count was made of the number of different issues found for each type. Of course, adjustments were made for different sized collections. But for a large collection there would be a very occasional "A" rate, a single issue for the "B"s, from 2 to 5 for a "C", from 6 to 14 for a "D" and 15 to over a hundred for the "E"s.
- (3) Special consideration was given to the ratings for the over 1200 types that exist precancelled.
- (4) The complete duplicate file for several large collections was placed at my disposal. This made it possible to catch the occasional type that is plentiful but used for only a short period.
- (5) After all the information was digested and edited, it was given to Mr. LR Murray for a final check. Not only for his judgement, but because he has seen the club's circuit approvals for years.

The effective coverage by the participating members, with only five grades of rates, gives a pretty high accuracy. Nevertheless, a limited demand plus a thin supply makes rates superior to prices for our purposes.

It has been my pleasure,

Charles W. Cain Jr

1 B
 2-0 B B
 --11 B B
 -12 B B
 -13 B B
 -14 B B
 -15 B B
 -16 B B
 -21 B B
 -22 B B
 -23 B B
 -24 B B
 -24^a B B
 -25 B B
 -25.5 B B
 -26 B B
 -27 B B
 -31 B B
 -32 B B
 -33 B B
 -34 B B
 -34.5 B B
 -41 B B
 3 B
 4 B
 5 B
 6 B
 7 B
 8 B
 9 B
 10 B
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 116^A B
 116^B B
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 121^A B
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 .8.5 B
 .9.5 B
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 .12 B
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 .14 B
 .15 B
 .16 B
 .17 B
 .17.5 B
 .18 B
 .19^A B
 .19^B B
 .20 B
 .21 B
 .22 B
 .22.5 B
 .23 B
 .24 B
 .25 B
 .26 B
 .27 B
 .28 B
 .29 B

CAT # - RATE

S 195 cont.
 .30 D
 .31 B
 .32 D
 .33 E
 .34 C
 .35 D
 .35.5 A
 .36 D
 .37 D
 .38 D
 .38.5 A
 .39 D
 .40 D
 .41 C
 .42 B
 .43 E
 .44 C
 .45 C
 .46 C
 .47 A
 .48 D
 .49 D
 .50 C
 .51 C
 .52 C
 .53 C
 .54 C
 .55 B
 .56 A
 .57 D
 .58 A
 .58.5 A
 .59 E
 .60 E
 .61 E
 .62 C
 .63 C
 .64 D
 .65 A
 .66 C
 S 195.3 A
 S 195.5 B
 S 196 B
 S 197 C
 S 198 C
 S 199 C
 S 200 C
 S 201 C
 S 202 C
 S 203 E
 S 204 F
 S 205 B

S 206 B
 S 207 C
 S 208 B
 S 208.5 A
 S 209 C
 S 210 B
 S 211 C
 S 212 C
 S 213A E
 S 213B D
 S 214 D
 S 215 E
 S 216 E
 S 217 C
 S 218 B
 S 219 C
 S 220 B
 S 221 C
 S 222 C
 S 223 C
 S 224 C
 S 225 C
 S 226 C
 S 227 B
 S 228 C
 S 229 B
 S 230 B
 S 231 B
 S 232 B
 S 233 E
 S 234 E
 S 235 C
 S 235.5 A
 S 236 C
 S 237 C
 S 238 D
 S 239 C
 S 240 D
 S 241 D
 S 242 B
 S 244 C
 S 245 C
 S 246 C
 S 247 C
 S 248 C
 S 249 C
 S 249.5 A
 S 250 C
 S 251 A
 S 251.5 B
 S 252 B
 S 252.5 A
 S 253 C

S 254 C
 S 255 C
 S 256 C
 S 257 A
 S 258 B
 S 259 C
 S 260 B
 S 261 D
 S 262A A
 S 262B C
 S 263 C
 S 265 C
 S 266 C
 S 267 C
 S 268 C
 S 269 B
 S 270 B
 S 271 B
 S 272A B
 B C
 D E
 F G
 H J
 K L
 S 273 B
 S 274 C
 S 275 B
 S 276 E
 S 277 E
 S 278 D
 S 279 C
 S 280 D
 S 281 A
 S 282 C
 S 283 C
 S 284 E
 S 285 E
 S 286 C
 S 287 E
 S 287.5 F
 S 288 D
 S 289 B
 S 290 C
 S 291 C
 S 292 C
 S 293 D
 S 294 E
 S 295 D

S 296 B
 S 297 C
 S 298 B
 S 299 B
 S 300 B
 S 301 C
 S 302 C
 S 303 E
 S 304 C
 S 305 C
 S 306 C
 S 307 E
 S 308 D
 S 309 C
 S 310 D
 S 311 C
 S 312 B
 S 313 A
 S 314 C
 S 315 B
 S 316 C
 S 317 D
 S 318 C
 S 319 D
 S 320 E
 S 321 B
 S 321.5 B
 S 322 E
 S 323 B
 S 324 A
 S 325 B
 S 326 D
 S 327 B
 S 328 D
 S 329 B
 S 330 C
 S 331 B
 S 331.5 A
 S 332 C
 S 333 B
 S 334 C
 S 335 C
 S 336 C
 S 337 B
 S 338A B
 B C
 D E
 F G
 H I

S 338J A
 K B
 L C
 M D
 N E
 O F
 P G
 S 339 A
 S 340 D
 S 341 B
 S 342 E
 S 343 C
 S 344 D
 S 345 D
 S 346 B
 S 347 B
 S 348 C
 S 349 C
 S 350 C
 S 351 C
 S 352 E
 S 353 A
 S 354 C
 S 355 C
 S 356 B
 S 357 C
 S 359 C
 S 360 D
 S 361 C
 S 362 A
 S 363 C
 S 364 D
 S 365 B
 S 366 C
 S 367 B
 S 368 E
 F 1 C
 F 2 A
 F 3 C
 F 4 E
 F 5 E
 F 6 F
 F 7 D
 F 8 B
 F 9 C
 F 10 C
 F 11 D
 F 12 E
 F 13 B

CAT # - RATE

T	14	D	F	60	C	T	109	A	U	32	D	U	81	B
T	14.5	A	T	61	B	T	109.5	A	U	33	B	U	82	F
T	15	A	T	62	B	T	110	C	U	34	F	U	82.1	C
T	16	C	T	63	B	T	111	C	U	35	F		.2	F
T	17	D	T	64	D	T	112	C	U	36	F		.3	F
T	19	C	T	65	E	T	113	B	U	37	F		.4	F
T	20	C	T	66	H	T	114	E	U	38	F		.5	F
T	20A	E	T	67	E	T	115	C	U	39	C		.6	F
T	21	A	T	68	C	T	116	B	U	40	C		.7	F
T	21.5	C	T	69	B	T	117	C	U	41	F		.8	F
T	21.5x	A	T	70	A	T	118	C	U	42	F		.8.5	A
T	22	C	T	71	E	T	119	C	U	43	C		.9	B
T	22A	C	T	72	C	T	118.5	B	U	44	E		.10	B
T	23	E	T	73	B	T	120	C	U	45	D		.11	C
T	24	E	T	74	A	T	121	C	U	46	C		.12	D
T	25	E	T	75	C	T	122	D	U	47	C		.13	E
T	26	E	T	76	C	T	123	C	U	47.5	D		.14	F
T	27	C	T	76.5	C	T	124	D	U	48	B		.15	F
T	28	D	T	77	E	T	125	D	U	49	D		.16	C
T	29	E	T	78	D	T		E	U	50	E		.17	C
T	30	B	T	79	C	T			U	51	C		.18	B
T	31	D	T	79.5	A	T			U	52	A		.19	E
T	32	D	T	80	C	T			U	53	D		82.5	A
T	33	D	T	81	E	T			U	53A	D			A
T	34	D	T	82	E	T			U	54	C		U	F
T	35	D	T	83	C	T	U	B	U	55	F		U	C
T	36	E	T	84	C	T	U	A	U	56	F		U	C
T	37	A	T	85	C	T	U	D	U	57	F		U	D
T	38	E	T	86	B	T	U	B	U	58	F		U	F
T	39	E	T	87	C	T	U	B	U	59	F		U	E
T	40	C	T	88	C	T	U	C	U	59A	E		U	D
T	41	A	T	88.5	A	T	U	E	U	60	E		U	A
T	41.5	A	T	89	B	T	U	C	U	61	E		U	F
T	41.7	A	T	90	C	T	U	B	U	62	E		U	D
T	42	D	T	91	D	T	U	E	U	63	D		U	B
T	43	C	T	92	C	T	U	B	U	64	D		U	F
T	43.5	C	T	93	A	T	U	C	U	65	C		U	B
T	44	C	T	94	A	T	U	C	U	66	C		U	B
T	45	C	T	95	A	T	U	E	U	67	C		U	C
T	46	C	T	96	A	T	U	B	U	68	C		U	C
T	47	C	T	97	C	T	U	D	U	69	C		U	D
T	48	E	T	98	C	T	U	D	U	70	D		U	B
T	49	C	T	99	D	T	U	C	U	71	B		U	B
T	50	C	T	100	C	T	U	C	U	72	B		U	E
T	51	C	T	101	C	T	U	C	U	73	B		U	F
T	52	C	T	102	C	T	U	C	U	74	E		U	B
T	53	B	T	103	C	T	U	C	U	75	C		U	D
T	54	C	T	104	B	T	U	E	U	75.3	D		U	B
T	55	E	T	105A	C	T	U	E	U	75.5	E		U	D
T	56	D	T	105B	E	T	U	C	U	76	D		U	C
T	56.5	E	T	106	E	T	U	A	U	77	E		V	E
T	57	A	T	107	B	T	U	B	U	78	E		V	B
T	58	D	T	108	B	T	U	B	U	79	C		V	B
T	59	C	T	108.5	D	T	U	D	U	80	C		V	B

CAT # - RATE

V 4	C	W 7J	A	W 55.5	G	W 72.35	A	W 72.81a	A
V 5	D	W 8A	E	W 56	C	.36	E	.82	B
V 6	D	W 8C	E	W 57	C	.37	D	.83	D
V 7	C	W 8D	D	W 58	B	.38	E	.84	A
V 8	C	W 9	D	W 59	C	.39	C	.85	A
V 9	B	W 9.5	A	W 60	E	.40	A	.86	A
V 10	B	W 10	D	W 61	E	.41	C	.86A	A
V 11	A	W 11	C	W 62	D	.42	C	.87	D
V 12	C	W 12	E	W 63	D	.43	C	.88	B
V 14	B	W 13	E	W 64	C	.44	C		C
V 15	C	W 14	E	W 65	A	.44A	A	W 73	B
V 16	B	W 15	A	W 66	B	.45	C	W 74	B
V 17	C	W 16	C	W 67	C	.46	D	W 75	B
V 19	B	W 16.5	C	W 68	B	.47	A	W 76	E
V 20	C	W 17	C	W 69	C	.48	D	W 77	D
V 21	C	W 17.5	C	W 70	E	.49	A	W 78	C
V 22	C	W 18	B	W 71	C	.50	A	W 79	C
V 22.5	C	W 19	B	W 71.5	B	.50A	A	W 80	C
V 23	E	W 20	C	W 72.1	A	.51	D	W 81	E
V 24	E	W 21	C	.1A	E	.51A	A	W 82	C
V 25	C	W 22	D	.2	E	.52	C	W 83	C
V 26	C	W 23	D	.3	D	.53	C	W 83.5	A
V 27	E	W 24	D	.4	E	.54	E	W 84	E
V 27A	D	W 25	D	.5	A	.55	A	W 85	E
V 28	D	W 26	D	.6	A	.56	D	W 86	C
V 28A	D	W 27	A	.7	E	.57	D	W 87	B
V 29	D	W 28	B	.8	C	.58	A	W 88	D
V 29.5	C	W 29	B	.9	B	.59	A	W 89	C
V 30	C	W 30	B	.10	C	.60	C	W 90	D
V 31	E	W 31	B	.11	C	.61	A	W 91	C
V 32	A	W 32	B	.12	C	.62	A	W 92	E
V 34	A	W 33	B	.13	E	.62.5	C	W 93	A
V 35	B	W 34	B	.14	D	.63	A	W 94	B
		W 35	B	.15	C	.64	E	W 95	A
		W 36	C	.16	D	.64A	B	W 96	C
		W 37	B	.17	A	.65	D	W 97	C
		W 38	C	.18	D	.66	C	W 98	B
W 1	C	W 39	E	.19	A	.66A	A	W 99	B
W 2	D	W 40	D	.20	C	.67	C	W 100	C
W 2.5	A	W 41	D	.21	D	.68	D	W 101	C
W 3	C	W 42	C	.22	A	.69	C	W 102	E
W 4	C	W 43	D	.23	A	.70	C	W 102.5	A
W 5	C	W 44	A	.24	A	.71	E	W 103	B
W 6	C	W 45	D	.25	C	.72	D	W 104	D
W 7A	E	W 46	B	.26	A	.73	A	W 105	C
W 7B	E	W 47	B	.27	A	.74	D	W 106	A
W 7C	C	W 48	B	.28	D	.75	B	W 107	B
W 7D	E	W 49	B	.29	D	.76	D	W 108	B
W 7Da	A	W 50	D	.29.5	C	.77	E	W 109	C
W 7E	C	W 51	D	.30	A	.78	A	W 110	C
W 7F	E	W 52	C	.31	E	.78.5	C	W 111	E
W 7G	C	W 53	D	.32	C	.79	A	W 111.5	E
W 7H	E	W 54	C	.33	C	.80	E	W 112	E
W 7I	D	W 55	C	.34	A	.81	A	W 113	C
								W 114	D

CAT # - RATE

W 115	C	W 162	C	W 199.15	D	X 1	B	Designs	
W 115.5	A	W 163	B	.16	C	Y 0.5	A	De.1	D
W 116	D	W 164	C	.17	E	Y 1	C	De.2	C
W 117	C	W 165	C	.18	A	Y 2	B	De.3	D
W 118	B	W 166	E	.18.5	D	Y 3	A	De.4	C
W 118.5	C	W 167	C	.19	C	Y 4	B	De.5	E
W 119	D	W 168	B	.20	D	Y 5	D	De.6	E
W 120	E	W 169	D	.21	E	Y 6	E	De.7	C
W 121	B	W 170	D	.21.5	A	Y 7	C	De.8	C
W 122	D	W 171	B	.22	D	Y 8	D	De.9	C
W 122.5	B	W 172	B	.23	Can	Y 9	C	De.10	C
W 125	C	W 173	D	.23.5	A	Y 10	C	De.11	E
W 125.5	B	W 174	B	.24	E	Y 11	E	De.12	D
W 126	B	W 174.5	B	.25	E	Y 12	E	De.13	C
W 127	C	W 175	A	.26	E	Z 1	E	De.14	E
W 128	C	W 176	B	W 200	E	Z 2	C	De.15	A
W 129	C	W 177	C	W 201	A	Z 3	B	De.16	A
W 130	C	W 178	C	W 201.5	A	Z 4	D	De.17	C
W 131	D	W 179	B	W 202	C	Z 5	C	De.18	C
W 132	B	W 180	D	W 203.1	D			De.19	B
W 133	C	W 181	B	.2	D			De.20	B
W 134	C	W 182	B	.3	C			De.21	C
W 135	C	W 183	C	.4	B	Numerals		De.22	B
W 136	A	W 184	B	.5	C	No.1	C	De.23	C
W 137	C	W 185	B	.6	D	No.2	B	De.24	B
W 138	E	W 186	C	.7	D	No.3	D	De.25	C
W 139	B	W 187	B	.8	A	No.4	C	De.26	A
W 140	C	W 188	B	.9	C	No.5	B	De.27	C
W 141	C	W 189	B	W 204	B	No.6	E	De.27xx	A
W 142A	E	W 190	A	W 205	E	No.7	D	De.28	D
B	E	W 190.5	A	W 205A	B	No.8	C	De.29	C
C	D	W 191	B	W 206	A	No.9	E	De.30	B
D	D	W 192	B	W 207	E	No.10	B	De.30.5	B
W 143	E	W 193	D	W 208	D	No.11	A	De.31	C
W 144	C	W 194	B	W 209	C	No.12	E	De.32	C
W 144.5	A	W 195	C	W 210	C	No.13	C	De.33	B
W 145	C	W 196	E	W 211	C	No.14	A	De.35	A
W 146	C	W 197	E	W 212	B	No.15	E	De.35.5	B
W 147	E	W 198	D	W 214	C	No.16	B	De.36	C
W 147.5	E	W 199.1	E	W 214.5	C	No.17	A	De.37	B
W 147.7	A	.2	E	W 215	D	No.18	D	De.38	A
W 148	A	.3	D	W 216	D	No.19	A	De.39	C
W 149	D	.3.5	C	W 217	D	No.20	A	De.40	C
W 150	C	.4	D	W 218	C	No.21	A	De.41	D
W 152	D	.4.5	B	W 219	C	No.22	C	De.42	C
W 153	E	.5	C	W 220	B	No.23	C	De.43	E
W 154A	E	.6	C	W 221	D	No.24	C	De.44	C
W 154B	E	.7	D	W 222	A	No.25	C		
W 155	E	.8	C	W 223	B	No.26	A		
W 156	C	.9	D	W 224	E	No.27	C		
W 157	C	.10	E	W 225	B	No.28	A		
W 158	C	.11	D	W 226	B	No.29	C		
W 159	C	.12	D	W 227	C	No.30	A		
W 160	C	.13	C	W 228	B				
W 161	B	.14	C						