SDPDRR-2

Sample 2 -

Cell: 19.8806 8.1954 11.2430 90 106.0641 90 (after refinement to full pattern)

Figures of merit: 41.1 (20 lines indexed)

Name of the software (for indexing and peak position hunting): ITO (stand-alone version) and CMPR (for peak position location)

Cell ascertained by applying a whole pattern fitting decomposition program: RIETICA (Le Bail method)

Space group proposal (with a software help): $P2_1/n$, with the help of TRUECELL in CHEKCELL

List of indexed peaks: RIETICA – output

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
1	1	1	0	-1	0.018	0.604	4.245	20918.	20918.	-0.7	184.4
2	1	2	0	0	0.018	0.604	4.786	13039.	13038.	-0.5	159.7
3	1	1	0	1	0.019	0.604	5.407	44549.	44547.	-1.5	241.0
4	1	1	1	0	0.019	0.604	6.071	3083.	3082.	-0.1	121.0
5	1	0	1	-1	0.019	0.605	7.004	1022.	1033.	11.2	28.3
6	1	0	1	1	0.019	0.605	7.004	1022.	1033.	11.2	28.3
7	1	1	1	-1	0.019	0.605	7.012	3594.	3571.	-22.7	84.8
8	1	3	0	-1	0.019	0.605	7.257	436.	436.	0.1	83.0
9	1	2	1	0	0.019	0.605	7.353	8995.	8995.	-0.4	136.2
10	1	1	1	1	0.019	0.605	7.772	2029.	2032.	3.0	81.5
11	1	2	1	-1	0.019	0.605	7.796	1635.	1632.	-3.1	71.8
12	1	0	0	2	0.019	0.605	8.468	10338.	10350.	11.9	114.1
13	1	2	0	-2	0.020	0.605	8.497	13044.	13032.	-12.6	127.9
14	1	3	1	0	0.020	0.605	9.098	4219.	4220.	1.3	102.3
15	1	2	1	1	0.020	0.605	9.125	498.	497.	-1.5	26.4
16	1	3	1	-1	0.020	0.605	9.158	249.	250.	0.1	30.7
17	1	3	0	1	0.020	0.605	9.294	11760.	11760.	-0.4	149.0
18	1	4	0	0	0.020	0.606	9.580	15918.	15918.	-0.5	164.3
19	1	1	1	-2	0.020	0.606	9.871	2113.	2113.	-0.1	111.9
20	1	0	1	-2	0.020	0.606	10.146	177.	177.	0.3	30.7
21	1	0	1	2	0.020	0.606	10.146	177.	177.	0.3	30.7
22	1	2	1	-2	0.020	0.606	10.170	553.	553.	-0.6	72.5
23	1	2	0	2	0.020	0.606	10.827	25494.	25495.	1.0	172.3
24	1	3	1	1	0.020	0.606	10.846	1098.	1099.	0.9	13.4

25	1	4	1	-1	0.020	0.606	10.886	3384.	3416.	31.7	23.4
26	1	4	0	-2	0.020	0.606	10.895	27970.	27935.	-34.8	161.0
27	1	1	1	2	0.020	0.606	10.953	3656.	3657.	0.8	59.2
28	1	3	1	-2	0.020	0.606	10.997	5647.	5646.	-1.4	85.3
29	1	4	1	0	0.020	0.606	11.092	5671.	5672.	0.3	88.7
30	1	0	2	0	0.020	0.606	11.171	12310.	12309.	-1.1	137.3
31	1	1	2	0	0.020	0.606	11.425	11594.	11593.	-0.2	143.1
32	1	5	0	-1	0.020	0.606	11.550	2038.	2037.	-0.2	90.8
33	1	0	2	-1	0.021	0.606	11.950	1223.	1227.	4.3	35.1
34	1	0	2	1	0.021	0.606	11.950	1223.	1227.	4.3	35.1
35	1	1	2	-1	0.021	0.606	11.955	1810.	1801.	-8.7	51.7
36	1	2	2	0	0.021	0.606	12.159	1797.	1798.	0.2	85.2
37	1	2	1	2	0.021	0.606	12.187	101.	101.	-0.3	10.5
38	1	4	1	-2	0.021	0.606	12.247	705.	717.	11.1	20.5
39	1	1	0	-3	0.021	0.606	12.269	9181.	9170.	-11.7	114.1
40	1	1	2	1	0.021	0.606	12.418	6245.	6298.	53.1	66.3
41	1	2	2	-1	0.021	0.606	12.433	13788.	13734.	-53.4	124.4
42	1	3	0	-3	0.021	0.607	12.760	46894.	46911.	16.9	224.2
43	1	4	1	1	0.021	0.607	12.792	12362.	12343.	-18.9	102.4
44	1	5	1	-1	0.021	0.607	12.835	832.	832.	0.2	53.3
45	1	5	1	0	0.021	0.607	13.226	2965.	2966.	1.0	83.4
46	1	3	2	0	0.021	0.607	13.292	1106.	1134.	27.9	9.7
47	1	2	2	1	0.021	0.607	13.310	61652.	61642.	-9.4	257.8
48	1	3	2	-1	0.021	0.607	13.334	2263.	2241.	-22.0	23.3
49	1	1	1	-3	0.021	0.607	13.487	2109.	2120.	11.4	48.8
50	1	2	1	-3	0.021	0.607	13.501	2965.	2955.	-10.7	56.3
51	1	1	0	3	0.021	0.607	13.580	12149.	12148.	-0.7	136.6
52	1	3	1	2	0.021	0.607	13.736	275.	274.	-0.1	56.1
53	1	5	0	1	0.021	0.607	13.779	47.	47.	0.1	17.6
54	1	5	1	-2	0.021	0.607	13.808	313.	313.	0.2	31.4
55	1	1	2	-2	0.021	0.607	13.835	44.	44.	0.3	5.6
56	1	0	1	-3	0.021	0.607	13.895	5251.	5251.	-0.4	66.3
57	1	0	1	3	0.021	0.607	13.895	5252.	5252.	-0.4	66.3
58	1	3	1	-3	0.021	0.607	13.935	13.	13.	-0.2	1.1
59	1	0	2	-2	0.021	0.607	14.034	290.	290.	0.3	28.1
60	1	0	2	2	0.021	0.607	14.034	289.	290.	0.3	28.1
61	1	2	2	-2	0.021	0.607	14.051	241.	240.	-0.6	44.7
62	1	6	0	0	0.021	0.607	14.391	66933.	66932.	-0.8	273.7
63	1	4	0	2	0.021	0.607	14.458	6323.	6321.	-2.0	75.5
64	1	6	0	-2	0.021	0.607	14.544	3236.	3259.	22.6	38.4
65	1	3	2	1	0.021	0.607	14.551	1595.	1592.	-2.5	16.3
66	1	4	2	-1	0.021	0.607	14.580	44678.	44665.	-12.8	201.9

67	1	1	2	2	0.021	0.607	14.630	45607.	45627.	20.1	192.7
68	1	3	2	-2	0.021	0.607	14.664	42096.	42072.	-24.3	186.9
69	1	1	1	3	0.021	0.607	14.692	3046.	3037.	-9.2	32.9
70	1	4	2	0	0.021	0.607	14.736	649.	660.	10.4	11.4
71	1	4	1	-3	0.021	0.607	14.755	8496.	8488.	-8.0	100.2
72	1	5	1	1	0.021	0.607	14.876	2481.	2478.	-2.6	44.8
73	1	5	0	-3	0.021	0.607	14.878	1628.	1632.	4.4	28.9
74	1	6	1	-1	0.021	0.607	14.922	6920.	6918.	-2.1	108.3
75	1	6	1	0	0.022	0.607	15.445	317.	316.	-0.1	77.5
76	1	4	1	2	0.022	0.607	15.508	97.	98.	1.0	7.8
77	1	2	2	2	0.022	0.607	15.580	25061.	25105.	44.5	157.1
78	1	6	1	-2	0.022	0.607	15.588	2924.	2883.	-41.0	19.2
79	1	4	2	-2	0.022	0.607	15.628	25655.	25649.	-6.0	166.9
80	1	2	1	3	0.022	0.607	15.818	3376.	3377.	0.2	89.9
81	1	5	1	-3	0.022	0.608	15.900	3137.	3137.	-0.4	82.6
82	1	4	2	1	0.022	0.608	16.060	4463.	4466.	2.4	82.5
83	1	5	2	-1	0.022	0.608	16.095	3203.	3201.	-2.3	61.0
84	1	7	0	-1	0.022	0.608	16.150	3843.	3842.	-0.5	75.7
85	1	3	0	3	0.022	0.608	16.270	6150.	6155.	5.4	79.4
86	1	2	0	-4	0.022	0.608	16.315	23483.	23478.	-5.9	160.9
87	1	5	2	0	0.022	0.608	16.410	4274.	4274.	-0.5	96.4
88	1	1	2	-3	0.022	0.608	16.622	126.	127.	0.7	4.2
89	1	2	2	-3	0.022	0.608	16.633	4860.	4859.	-0.8	110.6
90	1	3	2	2	0.022	0.608	16.825	17935.	17937.	2.2	147.9
91	1	5	2	-2	0.022	0.608	16.884	15633.	15631.	-2.7	128.7
92	1	0	2	-3	0.022	0.608	16.956	1568.	1571.	3.2	28.4
93	1	0	2	3	0.022	0.608	16.956	1567.	1571.	3.2	28.4
94	1	1	3	0	0.022	0.608	16.961	627.	620.	-6.5	12.0
95	1	0	0	4	0.022	0.608	16.982	45.	44.	-0.8	1.9
96	1	3	2	-3	0.022	0.608	16.989	326.	326.	0.6	17.6
97	1	4	0	-4	0.022	0.608	17.041	180.	181.	1.0	6.2
98	1	6	1	1	0.022	0.608	17.051	2896.	2895.	-1.2	73.0
99	1	7	1	-1	0.022	0.608	17.099	278.	278.	-0.1	31.7
100	1	3	1	3	0.022	0.608	17.212	406.	406.	0.0	55.1
101	1	2	1	-4	0.022	0.608	17.255	83.	83.	0.0	28.6
102	1	6	1	-3	0.022	0.608	17.310	67.	67.	0.7	12.7
103	1	0	3	-1	0.022	0.608	17.322	149.	149.	0.2	16.6
104	1	0	3	1	0.022	0.608	17.322	149.	149.	0.2	16.6
105	1	1	3	-1	0.022	0.608	17.325	28.	26.	-1.1	3.2
106	1	1	1	-4	0.022	0.608	17.408	2147.	2151.	4.4	55.3
107	1	3	1	-4	0.022	0.608	17.437	2683.	2684.	1.3	49.2
108	1	5	1	2	0.022	0.608	17.438	1113.	1107.	-5.5	20.7

109	1	2	3	0	0.022	0.608	17.468	370.	370.	-0.3	22.1
110	1	7	1	-2	0.022	0.608	17.523	325.	325.	0.0	35.3
111	1	1	2	3	0.022	0.608	17.618	1654.	1654.	0.1	61.5
112	1	1	3	1	0.022	0.608	17.651	120.	121.	1.0	6.0
113	1	2	3	-1	0.022	0.608	17.661	518.	520.	1.9	18.3
114	1	4	2	-3	0.022	0.608	17.671	939.	937.	-2.7	31.4
115	1	7	1	0	0.022	0.608	17.720	3910.	3909.	-0.6	77.4
116	1	5	2	1	0.022	0.608	17.773	192.	192.	0.3	18.7
117	1	6	2	-1	0.022	0.608	17.811	1180.	1180.	-0.3	77.2
118	1	0	1	-4	0.022	0.608	17.888	-2.	-2.	0.0	1.4
119	1	0	1	4	0.022	0.608	17.888	-2.	-2.	0.0	1.4
120	1	4	1	-4	0.022	0.608	17.944	-42.	-42.	-0.2	31.6
121	1	7	0	-3	0.022	0.608	18.071	2343.	2343.	-0.1	104.7
122	1	6	2	0	0.022	0.608	18.254	105.	105.	0.7	16.8
123	1	3	3	0	0.022	0.608	18.281	1205.	1207.	2.5	52.6
124	1	2	3	1	0.022	0.608	18.295	523.	521.	-2.5	22.4
125	1	4	2	2	0.022	0.608	18.308	98.	97.	-1.0	6.5
126	1	3	3	-1	0.022	0.608	18.312	160.	160.	0.2	13.0
127	1	6	2	-2	0.022	0.608	18.375	1133.	1133.	0.1	56.1
128	1	7	0	1	0.023	0.608	18.451	1095.	1095.	-0.1	69.4
129	1	2	2	3	0.023	0.608	18.572	215.	215.	0.0	49.8
130	1	5	2	-3	0.023	0.608	18.643	1.	1.	-0.1	0.3
131	1	6	0	2	0.023	0.608	18.651	98.	98.	0.4	27.8
132	1	1	1	4	0.023	0.608	18.671	24.	23.	-0.2	3.9
133	1	1	3	-2	0.023	0.608	18.683	312.	312.	-0.1	39.1
134	1	8	0	-2	0.023	0.608	18.744	45.	44.	-0.7	3.7
135	1	5	1	-4	0.023	0.608	18.750	770.	770.	0.6	52.0
136	1	4	1	3	0.023	0.608	18.817	208.	210.	1.6	19.7
137	1	0	3	-2	0.023	0.608	18.832	239.	239.	0.2	12.9
138	1	0	3	2	0.023	0.608	18.832	239.	239.	0.2	12.9
139	1	2	3	-2	0.023	0.608	18.845	476.	474.	-1.9	31.3
140	1	2	0	4	0.023	0.608	18.900	288.	288.	0.3	37.1
141	1	7	1	-3	0.023	0.608	18.926	109.	108.	-0.2	28.2
142	1	6	0	-4	0.023	0.608	19.005	119.	119.	-0.1	70.7
143	1	3	3	1	0.023	0.609	19.223	5.	4.	-0.4	1.1
144	1	8	0	0	0.023	0.609	19.228	240.	242.	1.6	43.2
145	1	4	3	-1	0.023	0.609	19.246	291.	290.	-0.9	31.9
146	1	1	3	2	0.023	0.609	19.284	403.	403.	-0.1	19.9
147	1	7	1	1	0.023	0.609	19.290	808.	809.	0.9	37.6
148	1	3	3	-2	0.023	0.609	19.310	124.	122.	-1.1	14.0
149	1	8	1	-1	0.023	0.609	19.338	105.	106.	0.3	24.5
150	1	4	3	0	0.023	0.609	19.365	74.	74.	-0.1	31.4

151	1	6	1	2	0.023	0.609	19.482	22.	22.	-0.1	49.8
152	1	8	1	-2	0.023	0.609	19.571	0.	0.	0.0	0.0
153	1	6	2	1	0.023	0.609	19.638	4083.	4084.	1.1	90.5
154	1	7	2	-1	0.023	0.609	19.679	2858.	2857.	-1.2	59.2
155	1	2	1	4	0.023	0.609	19.721	1028.	1028.	-0.6	35.9
156	1	3	2	3	0.023	0.609	19.779	251.	256.	4.4	9.1
157	1	5	0	3	0.023	0.609	19.799	798.	808.	10.4	12.9
158	1	2	2	-4	0.023	0.609	19.816	7646.	7675.	28.9	63.8
159	1	6	1	-4	0.023	0.609	19.822	9524.	9480.	-44.3	79.4
160	1	6	2	-3	0.023	0.609	19.864	4.	3.	-0.2	0.1
161	1	1	2	-4	0.023	0.609	19.950	16591.	16636.	44.2	113.1
162	1	3	2	-4	0.023	0.609	19.975	20644.	20618.	-25.8	117.2
163	1	5	2	2	0.023	0.609	19.976	6237.	6218.	-19.1	36.0
164	1	2	3	2	0.023	0.609	20.020	105.	104.	-1.6	2.0
165	1	8	1	0	0.023	0.609	20.035	3587.	3591.	4.5	58.9
166	1	7	2	-2	0.023	0.609	20.051	263.	259.	-4.4	6.9
167	1	4	3	-2	0.023	0.609	20.057	248.	249.	1.6	8.7
168	1	7	2	0	0.023	0.609	20.224	35908.	35907.	-1.0	213.3
169	1	0	2	-4	0.023	0.609	20.372	424.	425.	0.1	23.7
170	1	0	2	4	0.023	0.609	20.372	424.	424.	0.1	23.7
171	1	4	3	1	0.023	0.609	20.399	45.	45.	0.1	3.7
172	1	4	2	-4	0.023	0.609	20.421	871.	877.	5.9	32.3
173	1	5	3	-1	0.023	0.609	20.426	730.	724.	-6.4	28.5
174	1	3	0	-5	0.023	0.609	20.476	114.	115.	0.3	18.2
175	1	5	1	3	0.023	0.609	20.585	8006.	8006.	-0.4	114.1
176	1	5	3	0	0.023	0.609	20.677	1603.	1606.	3.1	46.1
177	1	8	1	-3	0.023	0.609	20.703	1804.	1802.	-2.6	51.3
178	1	1	0	-5	0.023	0.609	20.730	231.	231.	-0.6	19.7
179	1	1	3	-3	0.023	0.609	20.847	91.	91.	0.4	7.1
180	1	2	3	-3	0.023	0.609	20.856	591.	594.	3.3	28.6
181	1	9	0	-1	0.023	0.609	20.876	1885.	1881.	-3.7	63.3
182	1	3	1	4	0.023	0.609	21.000	1639.	1640.	1.3	61.7
183	1	3	3	2	0.023	0.609	21.011	195.	194.	-1.3	9.7
184	1	5	3	-2	0.023	0.609	21.059	34.	34.	0.4	5.7
185	1	1	2	4	0.023	0.609	21.066	3.	3.	-0.1	0.4
186	1	0	3	-3	0.023	0.609	21.117	1352.	1350.	-2.1	24.8
187	1	0	3	3	0.023	0.609	21.117	1353.	1351.	-2.1	24.8
188	1	7	1	-4	0.023	0.609	21.119	1543.	1555.	11.8	27.5
189	1	5	2	-4	0.023	0.609	21.137	820.	812.	-8.1	19.6
190	1	3	3	-3	0.023	0.609	21.144	572.	572.	0.2	18.1
191	1	4	2	3	0.023	0.609	21.197	2.	1.	0.0	0.2
192	1	2	1	-5	0.023	0.609	21.224	42.	43.	0.6	1.8

193	1	3	1	-5	0.023	0.609	21.239	3314.	3314.	0.0	71.4
194	1	7	2	-3	0.023	0.609	21.294	2369.	2368.	-0.6	61.9
195	1	5	0	-5	0.023	0.609	21.346	582.	582.	-0.1	39.9
196	1	1	1	-5	0.023	0.609	21.483	4292.	4293.	1.0	84.3
197	1	4	1	-5	0.023	0.609	21.527	2353.	2352.	-1.0	52.7
198	1	8	1	1	0.023	0.609	21.576	27.	27.	0.0	1.1
199	1	7	1	2	0.023	0.609	21.610	7062.	7083.	21.0	66.1
200	1	7	2	1	0.023	0.609	21.620	5175.	5184.	9.2	43.2

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
201	1	9	1	-1	0.023	0.609	21.625	3527.	3496.	-31.1	31.3
202	1	1	3	3	0.023	0.609	21.656	4142.	4150.	8.1	48.6
203	1	8	2	-1	0.023	0.609	21.663	1661.	1653.	-7.9	21.0
204	1	4	3	-3	0.023	0.609	21.700	992.	990.	-2.1	14.0
205	1	9	1	-2	0.023	0.609	21.703	2661.	2667.	6.6	36.8
206	1	4	0	4	0.024	0.609	21.751	31584.	31581.	-3.5	176.5
207	1	5	3	1	0.024	0.609	21.783	1554.	1556.	2.6	20.4
208	1	6	2	2	0.024	0.609	21.792	891.	885.	-5.2	13.5
209	1	6	3	-1	0.024	0.609	21.815	870.	873.	2.7	18.1
210	1	8	2	-2	0.024	0.609	21.872	436.	445.	9.4	3.8
211	1	8	0	-4	0.024	0.609	21.889	1229.	1230.	1.0	5.9
212	1	9	0	-3	0.024	0.609	21.890	47098.	47085.	-13.1	224.8
213	1	2	2	4	0.024	0.609	22.007	1223.	1220.	-2.9	29.1
214	1	0	1	-5	0.024	0.609	22.008	602.	603.	1.2	14.6
215	1	0	1	5	0.024	0.609	22.008	602.	603.	1.2	14.6
216	1	1	0	5	0.024	0.609	22.069	1888.	1892.	5.0	47.7
217	1	5	1	-5	0.024	0.609	22.079	245.	242.	-3.7	5.8
218	1	6	2	-4	0.024	0.609	22.098	1695.	1693.	-1.5	47.6
219	1	6	3	0	0.024	0.609	22.181	1281.	1282.	1.0	42.8
220	1	4	3	2	0.024	0.609	22.225	4157.	4157.	-0.1	68.8
221	1	6	3	-2	0.024	0.609	22.282	6520.	6542.	22.9	67.4
222	1	8	2	0	0.024	0.609	22.291	5342.	5318.	-24.6	57.6
223	1	9	1	0	0.024	0.610	22.382	1379.	1381.	1.3	36.4
224	1	2	3	3	0.024	0.610	22.446	7361.	7319.	-42.5	52.8
225	1	0	4	0	0.024	0.610	22.449	10724.	10790.	65.8	73.7
226	1	4	1	4	0.024	0.610	22.472	4675.	4641.	-33.3	31.4
227	1	6	1	3	0.024	0.610	22.481	11149.	11173.	23.6	75.0
228	1	5	3	-3	0.024	0.610	22.504	8688.	8674.	-13.9	73.7
229	1	1	4	0	0.024	0.610	22.580	42119.	42128.	9.4	212.8
230	1	8	1	-4	0.024	0.610	22.606	1280.	1269.	-10.9	16.7
231	1	9	1	-3	0.024	0.610	22.607	162.	160.	-1.6	2.2
232	1	1	1	5	0.024	0.610	22.781	1545.	1549.	4.5	34.4

233	1	5	2	3	0.024	0.610	22.788	2263.	2260.	-3.1	44.4
234	1	0	4	-1	0.024	0.610	22.855	5438.	5451.	12.9	43.5
235	1	0	4	1	0.024	0.610	22.855	5438.	5451.	12.9	43.5
236	1	1	4	-1	0.024	0.610	22.857	5558.	5538.	-19.5	43.6
237	1	6	1	-5	0.024	0.610	22.877	503.	499.	-3.8	5.9
238	1	8	2	-3	0.024	0.610	22.896	5376.	5372.	-3.9	69.5
239	1	2	4	0	0.024	0.610	22.967	3164.	3164.	-0.3	71.5
240	1	1	4	1	0.024	0.610	23.108	1126.	1134.	8.3	25.2
241	1	2	4	-1	0.024	0.610	23.116	2848.	2845.	-2.5	51.7
242	1	8	0	2	0.024	0.610	23.122	877.	871.	-5.9	17.4
243	1	3	2	4	0.024	0.610	23.166	828.	829.	0.5	32.9
244	1	7	0	-5	0.024	0.610	23.218	296.	295.	-1.2	5.2
245	1	9	0	1	0.024	0.610	23.220	1258.	1258.	0.0	22.0
246	1	10	0	-2	0.024	0.610	23.220	3081.	3082.	0.6	54.0
247	1	7	2	-4	0.024	0.610	23.274	271.	271.	0.0	17.7
248	1	6	3	1	0.024	0.610	23.343	99.	99.	0.2	2.7
249	1	2	2	-5	0.024	0.610	23.370	11617.	11667.	50.5	95.8
250	1	7	3	-1	0.024	0.610	23.378	6203.	6160.	-43.1	51.1

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
251	1	3	2	-5	0.024	0.610	23.383	1450.	1442.	-7.9	14.2
252	1	3	3	3	0.024	0.610	23.462	5358.	5358.	-0.3	82.6
253	1	2	3	-4	0.024	0.610	23.494	128.	128.	-0.2	7.6
254	1	6	3	-3	0.024	0.610	23.534	197.	198.	0.4	16.7
255	1	3	4	0	0.024	0.610	23.598	1115.	1119.	4.0	18.4
256	1	1	2	-5	0.024	0.610	23.607	1614.	1615.	1.1	20.7
257	1	1	3	-4	0.024	0.610	23.608	2105.	2106.	0.4	26.7
258	1	2	4	1	0.024	0.610	23.609	1886.	1885.	-0.8	23.8
259	1	3	4	-1	0.024	0.610	23.622	221.	219.	-2.1	3.3
260	1	3	3	-4	0.024	0.610	23.629	198.	197.	-1.3	3.2
261	1	5	3	2	0.024	0.610	23.630	321.	319.	-1.8	5.2
262	1	4	2	-5	0.024	0.610	23.647	2512.	2513.	1.1	40.2
263	1	8	2	1	0.024	0.610	23.691	8442.	8467.	25.5	68.9
264	1	7	3	-2	0.024	0.610	23.694	3541.	3527.	-14.3	27.7
265	1	7	2	2	0.024	0.610	23.723	18242.	18234.	-7.8	119.9
266	1	9	2	-1	0.024	0.610	23.737	1778.	1770.	-7.8	16.5
267	1	2	1	5	0.024	0.610	23.778	4542.	4559.	16.2	51.6
268	1	8	1	2	0.024	0.610	23.804	1919.	1908.	-11.5	14.7
269	1	9	2	-2	0.024	0.610	23.808	10699.	10685.	-14.5	81.4
270	1	7	0	3	0.024	0.610	23.815	4861.	4877.	15.1	42.6
271	1	7	3	0	0.024	0.610	23.842	177.	173.	-3.8	5.1
272	1	7	1	-5	0.024	0.610	23.897	142.	142.	0.0	8.1

273	1	9	1	1	0.024	0.610	23.899	127.	127.	0.2	7.3
274	1	10	1	-2	0.024	0.610	23.899	140.	141.	0.2	8.1
275	1	1	4	-2	0.024	0.610	23.914	56.	56.	0.0	4.3
276	1	10	1	-1	0.024	0.610	23.949	821.	822.	0.9	36.2
277	1	0	3	-4	0.024	0.610	23.969	228.	228.	-0.6	10.1
278	1	0	3	4	0.024	0.610	23.969	228.	227.	-0.6	10.1
279	1	4	3	-4	0.024	0.610	24.011	1189.	1192.	3.5	31.5
280	1	0	4	-2	0.024	0.610	24.032	675.	674.	-1.1	13.2
281	1	0	4	2	0.024	0.610	24.032	675.	674.	-1.1	13.2
282	1	2	4	-2	0.024	0.610	24.043	817.	819.	1.8	15.9
283	1	0	2	-5	0.024	0.610	24.088	9951.	9964.	13.3	68.1
284	1	0	2	5	0.024	0.610	24.088	9952.	9965.	13.3	68.1
285	1	10	0	0	0.024	0.610	24.099	2485.	2478.	-7.7	20.2
286	1	5	1	4	0.024	0.610	24.104	2412.	2389.	-22.9	23.0
287	1	5	2	-5	0.024	0.610	24.153	566.	566.	0.5	22.2
288	1	9	1	-4	0.024	0.610	24.250	2458.	2457.	-0.2	70.0
289	1	3	0	5	0.024	0.610	24.324	355.	356.	1.0	21.6
290	1	3	4	1	0.024	0.610	24.344	192.	192.	0.7	7.4
291	1	4	4	-1	0.024	0.610	24.362	2020.	2020.	0.1	46.0
292	1	1	4	2	0.024	0.610	24.392	2269.	2269.	0.2	42.6
293	1	3	4	-2	0.024	0.610	24.413	924.	926.	2.5	15.8
294	1	9	2	0	0.024	0.610	24.432	5211.	5207.	-4.0	69.9
295	1	4	4	0	0.024	0.610	24.457	385.	384.	-1.2	10.0
296	1	7	1	3	0.024	0.610	24.479	946.	949.	2.8	25.2
297	1	4	2	4	0.024	0.610	24.514	585.	576.	-9.0	7.1
298	1	6	2	3	0.024	0.610	24.523	9450.	9457.	6.8	99.6
299	1	1	3	4	0.024	0.610	24.566	298.	299.	0.9	10.4
300	1	10	1	-3	0.024	0.610	24.610	8000.	8001.	1.3	94.3

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
301	1	5	3	-4	0.024	0.610	24.627	115.	113.	-2.1	2.4
302	1	8	2	-4	0.024	0.610	24.638	5.	5.	-0.1	0.2
303	1	9	2	-3	0.024	0.610	24.638	2.	2.	0.0	0.0
304	1	4	3	3	0.024	0.610	24.679	4327.	4288.	-39.4	54.1
305	1	2	0	-6	0.024	0.610	24.682	1969.	2017.	47.7	24.6
306	1	4	0	-6	0.024	0.610	24.713	4630.	4621.	-9.0	63.5
307	1	10	1	0	0.024	0.610	24.755	2755.	2764.	8.4	49.6
308	1	7	3	-3	0.024	0.610	24.763	572.	563.	-8.8	11.3
309	1	1	2	5	0.024	0.610	24.799	934.	935.	1.0	30.7
310	1	6	2	-5	0.024	0.610	24.888	21060.	21059.	-1.0	159.5
311	1	3	1	5	0.025	0.610	24.975	121.	120.	-1.5	3.8
312	1	2	4	2	0.025	0.610	24.985	1706.	1709.	3.0	42.1

313	1	4	4	-2	0.025	0.610	25.015	1478.	1477.	-1.1	38.5
314	1	7	3	1	0.025	0.610	25.046	1143.	1142.	-0.7	35.7
315	1	8	3	-1	0.025	0.610	25.084	268.	272.	3.4	9.6
316	1	8	1	-5	0.025	0.610	25.114	8256.	8252.	-3.6	99.7
317	1	6	3	2	0.025	0.610	25.196	3217.	3222.	5.0	52.9
318	1	3	1	-6	0.025	0.610	25.222	4538.	4539.	0.9	55.0
319	1	6	0	4	0.025	0.610	25.238	2528.	2521.	-7.1	35.3
320	1	8	3	-2	0.025	0.610	25.266	1530.	1534.	4.0	29.0
321	1	4	4	1	0.025	0.610	25.293	3975.	3972.	-2.4	58.8
322	1	5	4	-1	0.025	0.610	25.315	557.	558.	1.2	11.8
323	1	2	1	-6	0.025	0.610	25.324	717.	715.	-2.4	16.8
324	1	4	1	-6	0.025	0.610	25.354	2061.	2064.	2.6	38.6
325	1	2	3	4	0.025	0.610	25.384	3035.	3051.	16.3	35.1
326	1	10	0	-4	0.025	0.610	25.398	7931.	7913.	-18.6	81.0
327	1	6	3	-4	0.025	0.610	25.463	5655.	5657.	2.0	75.0
328	1	5	4	0	0.025	0.610	25.521	14147.	14144.	-3.4	125.2
329	1	0	0	6	0.025	0.611	25.593	185.	186.	0.9	7.7
330	1	8	3	0	0.025	0.611	25.632	2959.	2970.	11.4	44.0
331	1	1	1	-6	0.025	0.611	25.658	386.	385.	-1.5	3.1
332	1	1	4	-3	0.025	0.611	25.660	2791.	2784.	-7.1	21.1
333	1	2	4	-3	0.025	0.611	25.668	15609.	15627.	17.7	109.1
334	1	6	0	-6	0.025	0.611	25.682	1390.	1374.	-16.7	13.1
335	1	11	0	-1	0.025	0.611	25.685	377.	371.	-5.8	4.0
336	1	5	1	-6	0.025	0.611	25.717	1645.	1659.	14.8	18.8
337	1	2	2	5	0.025	0.611	25.723	5098.	5088.	-10.1	55.3
338	1	8	2	2	0.025	0.611	25.747	3246.	3241.	-4.7	48.4
339	1	3	4	2	0.025	0.611	25.795	297.	299.	2.3	10.9
340	1	7	2	-5	0.025	0.611	25.833	711.	713.	2.1	9.1
341	1	5	4	-2	0.025	0.611	25.834	2265.	2266.	1.3	28.6
342	1	9	2	1	0.025	0.611	25.835	1089.	1088.	-0.6	13.7
343	1	10	2	-2	0.025	0.611	25.835	2022.	2021.	-1.4	25.3
344	1	6	1	4	0.025	0.611	25.867	305.	303.	-1.9	3.7
345	1	10	2	-1	0.025	0.611	25.882	6325.	6333.	8.1	53.0
346	1	0	4	-3	0.025	0.611	25.883	2620.	2625.	4.5	21.8
347	1	0	4	3	0.025	0.611	25.883	2621.	2625.	4.5	21.8
348	1	9	0	-5	0.025	0.611	25.888	985.	988.	3.3	8.2
349	1	3	4	-3	0.025	0.611	25.905	5734.	5712.	-22.1	64.7
350	1	10	1	-4	0.025	0.611	26.023	297.	297.	-0.6	15.3

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
351	1	5	2	4	0.025	0.611	26.025	358.	359.	1.7	17.8
352	1	9	1	2	0.025	0.611	26.050	133.	133.	0.1	5.1

353	1	5	3	3	0.025	0.611	26.070	3110.	3113.	3.1	63.4
354	1	11	0	-3	0.025	0.611	26.083	534.	530.	-4.3	16.3
355	1	11	1	-2	0.025	0.611	26.147	500.	502.	1.9	25.9
356	1	9	2	-4	0.025	0.611	26.161	339.	339.	-0.2	16.4
357	1	8	3	-3	0.025	0.611	26.164	259.	258.	-1.6	13.6
358	1	0	1	-6	0.025	0.611	26.214	274.	274.	0.4	15.9
359	1	0	1	6	0.025	0.611	26.214	274.	274.	0.4	15.9
360	1	10	1	1	0.025	0.611	26.253	1945.	1944.	-1.0	54.6
361	1	6	1	-6	0.025	0.611	26.301	117.	117.	-0.3	5.1
362	1	11	1	-1	0.025	0.611	26.304	412.	414.	1.9	16.7
363	1	1	4	3	0.025	0.611	26.329	1548.	1551.	3.6	31.4
364	1	4	1	5	0.025	0.611	26.347	3061.	3061.	-0.4	47.0
365	1	4	4	-3	0.025	0.611	26.365	2011.	2007.	-3.8	40.1
366	1	7	2	3	0.025	0.611	26.375	185.	185.	-1.0	5.5
367	1	3	3	4	0.025	0.611	26.403	0.	0.	0.0	0.0
368	1	5	4	1	0.025	0.611	26.435	3.	3.	-0.1	0.2
369	1	6	4	-1	0.025	0.611	26.462	2987.	2990.	2.3	61.6
370	1	10	2	-3	0.025	0.611	26.497	1621.	1625.	4.0	32.6
371	1	7	3	-4	0.025	0.611	26.499	858.	856.	-2.0	17.4
372	1	9	1	-5	0.025	0.611	26.503	328.	323.	-4.1	7.1
373	1	8	1	3	0.025	0.611	26.558	3503.	3505.	1.9	64.3
374	1	2	3	-5	0.025	0.611	26.583	104.	102.	-2.1	2.4
375	1	3	3	-5	0.025	0.611	26.595	2083.	2083.	0.3	50.5
376	1	10	2	0	0.025	0.611	26.633	232.	232.	-0.3	18.0
377	1	11	1	-3	0.025	0.611	26.694	1242.	1243.	0.4	45.5
378	1	6	4	0	0.025	0.611	26.768	7591.	7596.	4.7	91.4
379	1	1	3	-5	0.025	0.611	26.794	1481.	1475.	-5.4	23.2
380	1	4	4	2	0.025	0.611	26.805	1583.	1584.	0.9	28.4
381	1	4	3	-5	0.025	0.611	26.830	413.	412.	-1.4	8.9
382	1	3	2	5	0.025	0.611	26.838	1387.	1391.	4.9	28.3
383	1	6	4	-2	0.025	0.611	26.852	1338.	1334.	-4.5	33.0
384	1	8	3	1	0.025	0.611	26.869	15.	14.	-0.4	0.8
385	1	7	3	2	0.025	0.611	26.897	8.	8.	-0.1	0.8
386	1	9	3	-1	0.025	0.611	26.909	61.	62.	0.6	5.8
387	1	8	2	-5	0.025	0.611	26.968	224.	225.	1.6	3.3
388	1	9	3	-2	0.025	0.611	26.972	4035.	4045.	10.8	51.0
389	1	1	1	6	0.025	0.611	26.980	4131.	4132.	1.4	48.1
390	1	2	4	3	0.025	0.611	26.990	1509.	1495.	-14.4	22.3
391	1	5	4	-3	0.025	0.611	27.039	811.	812.	0.5	31.6
392	1	3	2	-6	0.025	0.611	27.070	3.	3.	-0.1	0.2
393	1	7	1	-6	0.025	0.611	27.093	1917.	1918.	0.4	51.9
394	1	11	1	0	0.025	0.611	27.152	4830.	4832.	2.2	82.7

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
395	1	2	2	-6	0.025	0.611	27.165	216.	212.	-3.5	5.8
396	1	4	2	-6	0.025	0.611	27.193	34.	35.	0.8	3.3
397	1	0	3	-5	0.025	0.611	27.222	0.	0.	0.0	0.0
398	1	0	3	5	0.025	0.611	27.222	0.	0.	0.0	0.0
399	1	5	3	-5	0.025	0.611	27.280	750.	750.	-0.5	17.1
400	1	5	0	5	0.025	0.611	27.283	2911.	2911.	0.3	65.4
401	1	2	0	6	0.025	0.611	27.356	782.	782.	-0.2	49.6
402	1	1	2	-6	0.025	0.611	27.478	418.	420.	2.1	32.2
403	1	8	0	-6	0.025	0.611	27.495	653.	651.	-2.0	35.2
404	1	9	3	0	0.025	0.611	27.529	177.	178.	0.9	14.8
405	1	5	2	-6	0.025	0.611	27.533	168.	167.	-0.9	14.8
406	1	4	3	4	0.025	0.611	27.604	2673.	2675.	1.3	72.0
407	1	6	3	3	0.025	0.611	27.611	56.	55.	-1.5	1.8
408	1	6	2	4	0.025	0.611	27.674	0.	0.	0.0	0.0
409	1	8	3	-4	0.025	0.611	27.714	774.	775.	0.8	17.2
410	1	9	3	-3	0.025	0.611	27.715	1875.	1877.	1.4	41.0
411	1	7	1	4	0.025	0.611	27.740	926.	927.	1.8	17.1
412	1	6	4	1	0.025	0.611	27.749	1678.	1676.	-2.5	29.0
413	1	10	0	2	0.025	0.611	27.763	1700.	1700.	0.1	34.9
414	1	7	4	-1	0.025	0.611	27.779	138.	136.	-2.1	4.9
415	1	10	2	-4	0.025	0.611	27.821	54.	54.	-0.2	2.2
416	1	9	2	2	0.025	0.611	27.847	2562.	2573.	10.7	35.1
417	1	3	4	3	0.025	0.611	27.850	2204.	2207.	3.2	27.6
418	1	1	3	5	0.025	0.611	27.859	1102.	1097.	-4.9	12.7
419	1	12	0	-2	0.025	0.611	27.864	381.	379.	-2.4	4.4
420	1	5	1	5	0.025	0.611	27.869	1096.	1092.	-4.6	13.2
421	1	2	4	-4	0.025	0.611	27.877	3239.	3238.	-1.4	43.7
422	1	11	1	-4	0.025	0.611	27.905	588.	588.	-0.1	14.3
423	1	6	4	-3	0.025	0.611	27.912	260.	261.	1.0	6.5
424	1	11	2	-2	0.025	0.611	27.938	1486.	1486.	0.3	26.0
425	1	6	3	-5	0.025	0.611	27.938	522.	521.	-0.1	9.1
426	1	2	1	6	0.025	0.611	27.941	1213.	1211.	-1.4	21.2
427	1	1	4	-4	0.025	0.611	27.975	1211.	1216.	5.8	23.6
428	1	3	4	-4	0.025	0.611	27.993	1449.	1448.	-0.8	21.6
429	1	5	4	2	0.025	0.611	27.994	1548.	1546.	-1.4	23.1
430	1	0	2	-6	0.025	0.611	28.001	643.	641.	-1.7	10.6
431	1	0	2	6	0.025	0.611	28.001	643.	641.	-1.7	10.6
432	1	10	2	1	0.025	0.611	28.038	558.	557.	-0.6	12.9
433	1	10	1	-5	0.025	0.611	28.040	709.	710.	0.7	16.0
434	1	7	4	-2	0.025	0.611	28.048	766.	768.	1.9	17.0

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
435	1	11	0	1	0.025	0.611	28.063	367.	365.	-1.8	8.5
436	1	8	1	-6	0.025	0.611	28.078	637.	641.	3.6	13.4
437	1	6	2	-6	0.025	0.611	28.082	614.	614.	0.6	13.1
438	1	11	2	-1	0.025	0.611	28.085	1116.	1111.	-4.6	24.6
439	1	4	2	5	0.025	0.611	28.126	1230.	1231.	0.7	34.8
440	1	9	0	3	0.025	0.611	28.135	370.	369.	-0.2	11.5
441	1	7	4	0	0.025	0.611	28.175	2780.	2780.	-0.7	70.0
442	1	1	5	0	0.026	0.611	28.271	137.	136.	-0.7	14.7
443	1	9	2	-5	0.026	0.611	28.273	234.	235.	0.9	25.2
444	1	0	4	-4	0.026	0.611	28.284	3.	3.	-0.1	0.5
445	1	0	4	4	0.026	0.611	28.284	3.	3.	-0.1	0.5
446	1	4	4	-4	0.026	0.611	28.320	0.	0.	0.0	0.1
447	1	8	2	3	0.026	0.611	28.325	187.	188.	0.6	29.6
448	1	10	1	2	0.026	0.611	28.340	111.	110.	-0.6	23.7
449	1	12	1	-2	0.026	0.611	28.439	85.	86.	1.3	14.9
450	1	11	2	-3	0.026	0.611	28.453	473.	471.	-1.3	62.8
451	1	0	5	-1	0.026	0.611	28.494	0.	0.	0.0	0.0
452	1	0	5	1	0.026	0.611	28.494	0.	0.	0.0	0.0
453	1	1	5	-1	0.026	0.611	28.496	0.	0.	0.0	0.0
454	1	2	5	0	0.026	0.611	28.585	46.	46.	0.1	20.2
455	1	11	1	1	0.026	0.611	28.635	0.	0.	0.0	0.0
456	1	12	1	-1	0.026	0.611	28.686	2286.	2296.	10.7	53.0
457	1	2	3	5	0.026	0.611	28.691	1012.	1003.	-8.6	21.0
458	1	1	5	1	0.026	0.611	28.700	226.	226.	-0.9	4.7
459	1	9	1	3	0.026	0.611	28.705	185.	185.	0.0	4.0
460	1	2	5	-1	0.026	0.611	28.707	267.	267.	0.3	5.9
461	1	8	3	2	0.026	0.611	28.712	377.	378.	0.7	9.0
462	1	1	2	6	0.026	0.611	28.723	1024.	1021.	-2.7	31.5
463	1	3	0	-7	0.026	0.611	28.774	33.	33.	-0.1	2.7
464	1	7	3	-5	0.026	0.611	28.791	288.	290.	1.7	14.9
465	1	9	3	1	0.026	0.611	28.792	121.	121.	-0.2	6.2
466	1	10	3	-2	0.026	0.611	28.792	157.	157.	-0.2	8.0
467	1	1	4	4	0.026	0.611	28.797	43.	43.	-0.9	2.2
468	1	7	2	-6	0.026	0.612	28.829	224.	226.	1.6	7.3
469	1	10	3	-1	0.026	0.612	28.834	791.	792.	0.6	22.4
470	1	12	1	-3	0.026	0.612	28.845	553.	551.	-1.8	14.0
471	1	5	4	-4	0.026	0.612	28.850	570.	570.	0.6	15.0
472	1	11	2	0	0.026	0.612	28.885	1448.	1451.	3.2	24.0
473	1	4	4	3	0.026	0.612	28.895	4014.	4009.	-4.4	62.9
474	1	5	3	4	0.026	0.612	28.965	635.	635.	-0.5	20.5

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
475	1	7	4	-3	0.026	0.612	28.968	683.	684.	1.2	21.6
476	1	5	0	-7	0.026	0.612	29.011	1298.	1304.	5.8	25.1
477	1	12	0	0	0.026	0.612	29.015	2331.	2325.	-6.5	44.7
478	1	3	1	6	0.026	0.612	29.079	2539.	2542.	3.4	56.4
479	1	9	3	-4	0.026	0.612	29.088	405.	400.	-4.2	10.7
480	1	3	5	0	0.026	0.612	29.103	58.	59.	0.5	3.0
481	1	2	5	1	0.026	0.612	29.112	49.	49.	0.4	3.3
482	1	3	5	-1	0.026	0.612	29.122	49.	49.	-0.2	4.0
483	1	8	0	4	0.026	0.612	29.154	569.	569.	0.0	29.7
484	1	11	0	-5	0.026	0.612	29.154	196.	196.	-0.1	10.2
485	1	7	4	1	0.026	0.612	29.213	89.	90.	0.7	5.4
486	1	9	1	-6	0.026	0.612	29.236	3315.	3322.	6.2	78.7
487	1	8	4	-1	0.026	0.612	29.245	182.	175.	-7.0	5.4
488	1	7	3	3	0.026	0.612	29.282	167.	167.	0.0	19.6
489	1	12	0	-4	0.026	0.612	29.329	0.	0.	0.0	0.0
490	1	3	1	-7	0.026	0.612	29.333	0.	0.	0.0	0.0
491	1	6	4	2	0.026	0.612	29.343	0.	0.	0.0	0.2
492	1	4	1	-7	0.026	0.612	29.348	11.	11.	0.0	7.8
493	1	1	0	-7	0.026	0.612	29.360	0.	0.	0.0	0.0
494	1	1	5	-2	0.026	0.612	29.364	0.	0.	0.0	0.0
495	1	10	3	-3	0.026	0.612	29.393	19.	19.	-0.1	12.2
496	1	8	4	-2	0.026	0.612	29.404	21.	21.	0.2	10.4
497	1	7	2	4	0.026	0.612	29.442	10.	10.	0.0	2.4
498	1	0	5	-2	0.026	0.612	29.461	107.	108.	0.2	10.1
499	1	0	5	2	0.026	0.612	29.461	107.	108.	0.2	10.1
500	1	2	5	-2	0.026	0.612	29.470	254.	254.	-0.2	19.8
501	1	2	4	4	0.026	0.612	29.506	178.	176.	-1.4	7.0
502	1	10	3	0	0.026	0.612	29.517	1384.	1394.	9.6	39.6
503	1	2	1	-7	0.026	0.612	29.521	442.	439.	-3.3	12.9
504	1	6	1	5	0.026	0.612	29.522	325.	320.	-5.2	9.8
505	1	5	2	5	0.026	0.612	29.564	169.	169.	0.1	13.0
506	1	5	1	-7	0.026	0.612	29.566	226.	226.	0.4	18.1
507	1	12	1	0	0.026	0.612	29.570	33.	33.	-0.5	3.0
508	1	6	4	-4	0.026	0.612	29.575	1.	1.	-0.1	0.1
509	1	11	2	-4	0.026	0.612	29.598	0.	0.	0.0	0.0
510	1	2	2	6	0.026	0.612	29.632	0.	0.	0.0	0.0
511	1	3	3	5	0.026	0.612	29.704	1225.	1226.	0.5	28.8
512	1	8	1	4	0.026	0.612	29.706	925.	927.	2.3	20.4
513	1	11	1	-5	0.026	0.612	29.706	659.	661.	1.8	14.5
514	1	3	5	1	0.026	0.612	29.719	344.	343.	-1.0	7.3

515	1	8	4	0	0.026	0.612	29.723	214.	213.	-0.9	4.8
516	1	10	2	-5	0.026	0.612	29.726	651.	648.	-2.8	15.3
517	1	4	5	-1	0.026	0.612	29.735	221.	222.	0.7	6.1
518	1	1	5	2	0.026	0.612	29.760	936.	937.	0.2	25.4
519	1	8	2	-6	0.026	0.612	29.761	344.	345.	0.8	9.4
520	1	3	5	-2	0.026	0.612	29.777	530.	528.	-1.6	18.7
521	1	4	5	0	0.026	0.612	29.814	85.	85.	0.2	3.2
522	1	8	3	-5	0.026	0.612	29.822	64.	64.	0.3	1.7
523	1	4	0	6	0.026	0.612	29.834	3512.	3512.	0.3	65.8
524	1	12	1	-4	0.026	0.612	29.878	2055.	2054.	-0.9	55.2
525	1	1	1	-7	0.026	0.612	29.909	12.	12.	-0.2	1.3
526	1	3	3	-6	0.026	0.612	29.915	1.	1.	0.0	0.1
527	1	6	1	-7	0.026	0.612	29.984	126.	126.	0.7	7.4
528	1	2	3	-6	0.026	0.612	30.002	428.	432.	4.7	10.8
529	1	10	2	2	0.026	0.612	30.011	2200.	2201.	1.3	41.4
530	1	10	0	-6	0.026	0.612	30.014	157.	157.	-0.2	2.8
531	1	4	3	-6	0.026	0.612	30.027	2607.	2601.	-6.0	50.4
532	1	7	0	-7	0.026	0.612	30.055	152.	151.	-0.5	9.0
533	1	12	2	-2	0.026	0.612	30.104	0.	0.	0.0	0.0
534	1	5	4	3	0.026	0.612	30.105	0.	0.	0.0	0.0
535	1	8	4	-3	0.026	0.612	30.188	10551.	10551.	-0.2	125.8
536	1	2	5	2	0.026	0.612	30.255	0.	0.	0.0	0.0
537	1	4	5	-2	0.026	0.612	30.280	52.	52.	0.0	5.0
538	1	1	3	-6	0.026	0.612	30.287	73.	73.	0.2	6.7
539	1	11	2	1	0.026	0.612	30.290	89.	89.	0.0	8.1
540	1	5	3	-6	0.026	0.612	30.338	498.	498.	0.7	16.3
541	1	12	2	-1	0.026	0.612	30.339	1039.	1039.	-0.6	33.6
542	1	9	2	3	0.026	0.612	30.357	167.	167.	-0.3	7.1
543	1	4	1	6	0.026	0.612	30.375	245.	246.	1.0	11.1
544	1	3	4	4	0.026	0.612	30.398	1545.	1544.	-1.3	49.0
545	1	6	3	4	0.026	0.612	30.467	118.	118.	-0.2	5.3
546	1	7	4	-4	0.026	0.612	30.482	738.	745.	7.0	17.4
547	1	0	1	-7	0.026	0.612	30.489	262.	262.	-0.5	5.2
548	1	0	1	7	0.026	0.612	30.489	262.	262.	-0.5	5.2
549	1	12	2	-3	0.026	0.612	30.490	1440.	1437.	-3.1	28.4
550	1	4	5	1	0.026	0.612	30.514	1132.	1127.	-5.1	20.2

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
551	1	13	0	-3	0.026	0.612	30.522	1641.	1649.	8.4	29.5
552	1	5	5	-1	0.026	0.612	30.532	631.	626.	-4.9	12.6
553	1	10	1	-6	0.026	0.612	30.552	972.	972.	-0.5	25.0
554	1	2	4	-5	0.026	0.612	30.556	497.	498.	0.6	14.3

555	1	13	0	-1	0.026	0.612	30.564	74.	74.	-0.2	2.8
556	1	3	4	-5	0.026	0.612	30.567	184.	183.	-1.3	8.0
557	1	7	1	-7	0.026	0.612	30.592	0.	0.	0.0	0.0
558	1	10	3	-4	0.026	0.612	30.602	0.	0.	0.0	0.0
559	1	9	3	2	0.026	0.612	30.625	0.	0.	0.0	0.0
560	1	11	1	2	0.026	0.612	30.668	277.	278.	0.7	21.6
561	1	5	5	0	0.026	0.612	30.706	363.	362.	-1.2	9.8
562	1	11	3	-2	0.026	0.612	30.709	592.	592.	-0.5	14.5
563	1	3	2	6	0.026	0.612	30.712	931.	933.	2.0	21.3
564	1	1	0	7	0.026	0.612	30.726	820.	823.	3.1	18.1
565	1	1	4	-5	0.026	0.612	30.742	415.	409.	-5.8	8.4
566	1	7	0	5	0.026	0.612	30.761	2718.	2738.	19.6	39.1
567	1	0	3	-6	0.026	0.612	30.766	914.	910.	-3.5	13.3
568	1	0	3	6	0.026	0.612	30.766	913.	910.	-3.5	13.3
569	1	13	1	-2	0.026	0.612	30.769	620.	613.	-7.3	9.4
570	1	4	4	-5	0.026	0.612	30.773	179.	175.	-4.5	3.0
571	1	10	3	1	0.026	0.612	30.800	68.	68.	-0.5	2.2
572	1	8	4	1	0.026	0.612	30.808	438.	440.	1.9	13.7
573	1	1	5	-3	0.026	0.612	30.823	555.	557.	1.7	14.6
574	1	2	5	-3	0.026	0.612	30.830	239.	239.	-0.2	5.9
575	1	7	4	2	0.026	0.612	30.833	302.	301.	-0.2	7.3
576	1	6	3	-6	0.026	0.612	30.841	104.	104.	-0.1	2.4
577	1	9	4	-1	0.026	0.612	30.844	349.	348.	-0.2	8.2
578	1	11	3	-1	0.026	0.612	30.844	415.	415.	-0.2	9.7
579	1	9	2	-6	0.026	0.612	30.862	1460.	1459.	-0.9	38.4
580	1	4	3	5	0.026	0.612	30.881	32.	31.	-1.4	1.4
581	1	9	4	-2	0.026	0.612	30.899	368.	370.	1.6	20.8
582	1	10	1	3	0.026	0.612	30.909	124.	122.	-1.3	8.5
583	1	3	5	2	0.026	0.612	30.937	93.	93.	0.2	10.9
584	1	3	2	-7	0.026	0.612	30.954	2.	2.	-0.1	0.2
585	1	4	2	-7	0.026	0.612	30.968	14.	14.	0.1	1.5
586	1	5	5	-2	0.026	0.612	30.971	31.	32.	0.3	3.2
587	1	0	5	-3	0.026	0.612	31.011	1413.	1417.	4.1	26.9
588	1	0	5	3	0.026	0.612	31.011	1413.	1417.	4.0	26.9
589	1	9	3	-5	0.026	0.612	31.016	594.	591.	-3.1	10.4
590	1	3	5	-3	0.026	0.612	31.030	823.	816.	-6.9	15.3
591	1	12	1	1	0.026	0.612	31.042	905.	911.	6.0	19.5
592	1	13	1	-3	0.026	0.612	31.052	836.	831.	-4.5	22.8
593	1	8	3	3	0.026	0.612	31.064	32.	31.	-0.6	1.4
594	1	13	1	-1	0.026	0.612	31.094	201.	202.	1.2	12.5
595	1	0	4	-5	0.026	0.612	31.120	162.	162.	0.5	5.2
596	1	0	4	5	0.026	0.612	31.120	162.	162.	0.5	5.2

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
597	1	2	2	-7	0.026	0.612	31.133	752.	753.	1.0	18.2
598	1	6	2	5	0.026	0.612	31.135	1469.	1467.	-1.9	35.9
599	1	5	4	-5	0.026	0.612	31.172	62.	61.	-0.5	2.6
600	1	5	2	-7	0.026	0.612	31.176	171.	170.	-0.9	7.2
601	1	12	2	0	0.026	0.612	31.180	438.	438.	-0.1	19.5
602	1	11	3	-3	0.026	0.612	31.182	428.	429.	1.0	20.0
603	1	1	1	7	0.026	0.612	31.253	18.	18.	-0.1	5.9
604	1	7	1	5	0.026	0.612	31.288	254.	255.	0.6	28.6
605	1	8	2	4	0.026	0.612	31.310	87.	87.	-0.2	8.9
606	1	11	2	-5	0.026	0.612	31.310	151.	151.	-0.5	15.6
607	1	8	1	-7	0.026	0.612	31.383	487.	490.	3.4	19.2
608	1	1	5	3	0.026	0.612	31.391	460.	458.	-1.9	14.7
609	1	9	4	0	0.026	0.612	31.393	342.	341.	-1.3	10.7
610	1	4	5	-3	0.027	0.612	31.422	1203.	1209.	6.5	27.4
611	1	1	3	6	0.027	0.612	31.431	560.	556.	-4.7	11.2
612	1	4	4	4	0.027	0.612	31.458	5548.	5550.	1.6	69.2
613	1	6	4	3	0.027	0.612	31.465	771.	772.	1.1	10.2
614	1	12	2	-4	0.027	0.612	31.474	488.	485.	-3.6	8.1
615	1	5	5	1	0.027	0.612	31.481	10.	9.	-0.2	0.2
616	1	12	1	-5	0.027	0.612	31.483	97.	95.	-1.8	2.1
617	1	1	2	-7	0.027	0.612	31.503	424.	424.	0.3	11.9
618	1	6	5	-1	0.027	0.612	31.504	465.	466.	0.9	13.2
619	1	7	3	-6	0.027	0.612	31.529	93.	93.	-0.1	2.8
620	1	8	4	-4	0.027	0.612	31.556	1360.	1362.	1.9	18.7
621	1	9	4	-3	0.027	0.612	31.557	4195.	4203.	7.4	57.3
622	1	6	2	-7	0.027	0.612	31.574	1841.	1838.	-3.2	33.4
623	1	11	3	0	0.027	0.612	31.580	411.	404.	-6.8	9.3
624	1	1	4	5	0.027	0.612	31.685	180.	180.	0.1	29.3
625	1	9	1	4	0.027	0.612	31.750	84.	83.	-1.2	7.9
626	1	6	4	-5	0.027	0.612	31.756	509.	512.	3.0	40.5
627	1	6	5	0	0.027	0.612	31.765	92.	90.	-1.8	8.9
628	1	4	5	2	0.027	0.612	31.797	20.	20.	0.1	5.7
629	1	5	1	6	0.027	0.612	31.813	69.	69.	0.1	18.8
630	1	9	0	-7	0.027	0.612	31.832	56.	56.	-0.2	23.0
631	1	6	5	-2	0.027	0.612	31.837	0.	0.	0.0	0.0
632	1	13	1	-4	0.027	0.612	31.928	0.	0.	0.0	0.0
633	1	4	2	6	0.027	0.612	31.948	14.	14.	-0.1	5.5
634	1	2	5	3	0.027	0.612	31.955	34.	35.	0.3	11.1
635	1	5	5	-3	0.027	0.612	31.998	181.	181.	0.6	12.8
636	1	11	1	-6	0.027	0.612	32.007	215.	215.	0.2	11.2

637	1	13	1	0	0.027	0.612	32.009	702.	702.	-0.6	35.5
638	1	0	2	-7	0.027	0.613	32.058	816.	816.	-0.2	28.0
639	1	0	2	7	0.027	0.613	32.058	816.	816.	-0.2	28.0
640	1	7	3	4	0.027	0.613	32.094	0.	0.	0.0	0.0
641	1	10	2	-6	0.027	0.613	32.117	429.	428.	-0.1	35.1
642	1	7	2	-7	0.027	0.613	32.156	0.	0.	0.0	0.0
643	1	2	1	7	0.027	0.613	32.189	402.	404.	1.9	22.6
644	1	5	3	5	0.027	0.613	32.207	1167.	1165.	-1.8	43.9
645	1	11	2	2	0.027	0.613	32.229	37.	37.	0.1	3.0
646	1	11	3	-4	0.027	0.613	32.239	0.	0.	0.0	0.0
647	1	2	3	6	0.027	0.613	32.270	1220.	1220.	-0.2	53.5
648	1	13	2	-2	0.027	0.613	32.325	10.	10.	-0.1	2.1
649	1	9	1	-7	0.027	0.613	32.343	68.	68.	0.3	11.1
650	1	10	3	-5	0.027	0.613	32.357	20.	20.	0.0	2.7

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
651	1	8	3	-6	0.027	0.613	32.390	928.	929.	0.7	38.8
652	1	2	4	5	0.027	0.613	32.428	2162.	2164.	2.1	49.6
653	1	8	4	2	0.027	0.613	32.447	310.	306.	-3.8	7.9
654	1	10	2	3	0.027	0.613	32.459	1113.	1114.	0.9	34.8
655	1	7	4	-5	0.027	0.613	32.517	160.	160.	0.1	6.0
656	1	9	4	1	0.027	0.613	32.519	385.	385.	-0.2	14.0
657	1	10	4	-2	0.027	0.613	32.519	371.	370.	-0.2	13.5
658	1	12	0	2	0.027	0.613	32.529	435.	436.	0.5	16.5
659	1	10	4	-1	0.027	0.613	32.556	182.	181.	-0.5	11.1
660	1	12	2	1	0.027	0.613	32.586	461.	462.	1.5	17.9
661	1	13	2	-3	0.027	0.613	32.596	325.	325.	0.1	10.4
662	1	6	5	1	0.027	0.613	32.609	441.	440.	-1.3	11.6
663	1	10	3	2	0.027	0.613	32.621	889.	891.	1.3	20.0
664	1	14	0	-2	0.027	0.613	32.632	246.	246.	0.5	5.2
665	1	7	5	-1	0.027	0.613	32.634	428.	428.	0.5	9.0
666	1	13	2	-1	0.027	0.613	32.636	440.	440.	0.0	9.3
667	1	11	0	3	0.027	0.613	32.663	607.	602.	-5.1	8.1
668	1	5	4	4	0.027	0.613	32.673	6865.	6871.	6.1	79.7
669	1	3	5	3	0.027	0.613	32.697	537.	532.	-4.4	10.3
670	1	12	3	-2	0.027	0.613	32.708	563.	564.	1.3	13.7
671	1	2	5	-4	0.027	0.613	32.720	307.	306.	-0.8	9.1
672	1	6	5	-3	0.027	0.613	32.750	291.	293.	2.0	8.6
673	1	9	4	-4	0.027	0.613	32.784	5451.	5477.	25.8	56.6
674	1	3	0	7	0.027	0.613	32.786	2826.	2823.	-3.8	28.9
675	1	1	2	7	0.027	0.613	32.789	2085.	2064.	-20.5	21.6
676	1	1	5	-4	0.027	0.613	32.804	216.	212.	-3.7	3.4

677	1	3	5	-4	0.027	0.613	32.820	478.	478.	-0.3	12.2
678	1	5	5	2	0.027	0.613	32.821	221.	221.	-0.1	5.7
679	1	7	2	5	0.027	0.613	32.822	257.	257.	0.1	6.9
680	1	13	0	-5	0.027	0.613	32.859	38.	38.	0.0	2.2
681	1	7	5	-2	0.027	0.613	32.868	91.	91.	-0.1	4.9
682	1	6	0	6	0.027	0.613	32.881	90.	90.	0.0	4.4
683	1	11	3	1	0.027	0.613	32.881	240.	240.	0.2	11.7
684	1	8	2	-7	0.027	0.613	32.913	263.	265.	1.7	9.7
685	1	12	3	-1	0.027	0.613	32.926	414.	412.	-2.0	10.8
686	1	9	3	3	0.027	0.613	32.943	1639.	1645.	6.4	28.2
687	1	7	4	3	0.027	0.613	32.958	1958.	1957.	-1.5	25.0
688	1	4	0	-8	0.027	0.613	32.973	1263.	1272.	9.1	13.6
689	1	13	0	1	0.027	0.613	32.977	2161.	2157.	-4.0	23.1
690	1	7	5	0	0.027	0.613	32.978	3309.	3301.	-7.2	35.3
691	1	12	2	-5	0.027	0.613	33.009	3635.	3634.	-1.2	50.6
692	1	12	1	2	0.027	0.613	33.031	971.	970.	-1.2	18.8
693	1	10	4	-3	0.027	0.613	33.058	1826.	1830.	3.5	38.2
694	1	12	3	-3	0.027	0.613	33.066	329.	326.	-3.3	7.9
695	1	0	5	-4	0.027	0.613	33.072	74.	74.	-0.7	2.1
696	1	0	5	4	0.027	0.613	33.072	74.	74.	-0.7	2.1
697	1	12	0	-6	0.027	0.613	33.093	154.	155.	1.3	7.4
698	1	4	5	-4	0.027	0.613	33.103	82.	82.	-0.5	4.2
699	1	14	1	-2	0.027	0.613	33.132	1029.	1031.	2.3	29.7
700	1	8	1	5	0.027	0.613	33.151	1531.	1531.	-0.1	36.1

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
701	1	11	1	3	0.027	0.613	33.162	433.	432.	-1.6	12.4
702	1	10	4	0	0.027	0.613	33.169	638.	637.	-0.7	23.6
703	1	9	2	4	0.027	0.613	33.265	7.	7.	-0.1	1.8
704	1	3	3	6	0.027	0.613	33.273	33.	33.	0.3	7.8
705	1	3	1	7	0.027	0.613	33.283	0.	0.	0.0	0.0
706	1	2	0	-8	0.027	0.613	33.307	3.	3.	-0.1	0.3
707	1	14	1	-3	0.027	0.613	33.309	54.	54.	-0.3	5.0
708	1	5	2	6	0.027	0.613	33.325	785.	787.	1.8	36.6
709	1	3	4	5	0.027	0.613	33.338	66.	65.	-1.4	2.8
710	1	13	1	-5	0.027	0.613	33.356	190.	190.	0.3	6.3
711	1	6	0	-8	0.027	0.613	33.369	402.	405.	3.1	9.2
712	1	10	0	4	0.027	0.613	33.372	691.	694.	2.9	15.2
713	1	6	1	6	0.027	0.613	33.377	1934.	1927.	-6.5	43.4
714	1	9	3	-6	0.027	0.613	33.413	1.	1.	-0.1	0.1
715	1	13	2	-4	0.027	0.613	33.436	112.	112.	-0.6	5.9
716	1	8	4	-5	0.027	0.613	33.444	536.	538.	1.4	24.2

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
717	1	10	1	-7	0.027	0.613	33.460	142.	142.	0.1	6.9
718	1	4	1	-8	0.027	0.613	33.468	70.	69.	-0.7	3.5
719	1	13	1	1	0.027	0.613	33.473	26.	25.	-0.3	1.3
720	1	3	3	-7	0.027	0.613	33.499	407.	410.	3.1	11.0
721	1	11	2	-6	0.027	0.613	33.512	237.	238.	0.6	4.1
722	1	4	3	-7	0.027	0.613	33.512	259.	260.	0.6	4.4
723	1	13	2	0	0.027	0.613	33.514	1222.	1224.	2.0	19.9
724	1	1	5	4	0.027	0.613	33.519	880.	880.	-0.1	13.0
725	1	14	1	-1	0.027	0.613	33.525	949.	948.	-1.4	13.4
726	1	3	4	-6	0.027	0.613	33.528	784.	783.	-1.7	11.0
727	1	3	1	-8	0.027	0.613	33.543	2176.	2174.	-1.4	32.7
728	1	14	0	-4	0.027	0.613	33.558	680.	681.	1.5	11.7
729	1	5	5	-4	0.027	0.613	33.565	654.	652.	-1.5	11.9
730	1	5	1	-8	0.027	0.613	33.574	444.	442.	-2.4	8.4
731	1	12	1	-6	0.027	0.613	33.586	1153.	1157.	4.1	22.3
732	1	4	5	3	0.027	0.613	33.604	841.	841.	0.3	17.0
733	1	2	4	-6	0.027	0.613	33.607	958.	955.	-2.7	19.8
734	1	4	4	-6	0.027	0.613	33.630	877.	876.	-1.1	28.4
735	1	2	3	-7	0.027	0.613	33.666	131.	131.	-0.2	9.1
736	1	6	3	5	0.027	0.613	33.667	64.	64.	0.1	4.5
737	1	7	5	-3	0.027	0.613	33.668	73.	73.	0.2	5.2
738	1	2	2	7	0.027	0.613	33.686	72.	72.	0.1	5.9
739	1	5	3	-7	0.027	0.613	33.706	119.	119.	0.0	8.5
740	1	12	3	0	0.027	0.613	33.710	309.	308.	-0.2	23.0
741	1	2	1	-8	0.027	0.613	33.798	1508.	1510.	2.2	44.2
742	1	8	3	4	0.027	0.613	33.830	1286.	1288.	2.2	22.9
743	1	11	3	-5	0.027	0.613	33.830	1259.	1260.	1.6	22.4
744	1	9	2	-7	0.027	0.613	33.834	635.	631.	-4.5	11.2
745	1	6	1	-8	0.027	0.613	33.859	545.	543.	-1.9	11.2
746	1	10	1	4	0.027	0.613	33.862	397.	397.	-0.1	8.3
747	1	1	4	-6	0.027	0.613	33.865	905.	907.	1.5	19.5
748	1	7	5	1	0.027	0.613	33.882	468.	467.	-0.7	13.0
749	1	8	5	-1	0.027	0.613	33.911	888.	888.	0.2	24.6
750	1	5	4	-6	0.027	0.613	33.911	328.	328.	0.2	9.1
751	1	0	6	0	0.027	0.613	33.953	2574.	2577.	3.3	47.1
752	1	12	3	-4	0.027	0.613	33.983	3297.	3291.	-6.0	46.6
753	1	14	0	0	0.027	0.613	33.987	804.	807.	3.1	11.6
754	1	6	5	2	0.027	0.613	33.996	755.	757.	2.0	12.6
755	1	1	3	-7	0.027	0.613	34.011	306.	302.	-4.3	7.0
756	1	6	4	4	0.027	0.613	34.028	870.	874.	3.5	22.1

757	1	1	6	0	0.027	0.613	34.043	465.	464.	-0.3	13.4
758	1	14	1	-4	0.027	0.613	34.046	348.	347.	-1.1	10.8
759	1	8	5	-2	0.027	0.613	34.049	179.	178.	-1.1	6.1
760	1	6	3	-7	0.027	0.613	34.078	152.	152.	0.2	10.9
761	1	2	5	4	0.027	0.613	34.139	1347.	1352.	4.6	30.1
762	1	10	4	-4	0.027	0.613	34.150	2160.	2157.	-2.9	40.9
763	1	9	4	2	0.027	0.613	34.171	562.	559.	-2.3	15.6
764	1	6	5	-4	0.027	0.613	34.200	797.	800.	2.8	23.0
765	1	1	1	-8	0.027	0.613	34.229	762.	765.	2.7	12.9
766	1	0	6	-1	0.027	0.613	34.232	806.	806.	0.1	13.3
767	1	0	6	1	0.027	0.613	34.232	806.	806.	0.1	13.3
768	1	1	6	-1	0.027	0.613	34.234	1327.	1325.	-2.6	22.1
769	1	11	0	-7	0.027	0.613	34.242	264.	263.	-1.3	5.2
770	1	11	4	-2	0.027	0.613	34.247	408.	407.	-1.5	9.8
771	1	0	4	-6	0.027	0.613	34.299	5.	5.	-0.1	0.2
772	1	0	4	6	0.027	0.613	34.299	5.	5.	-0.1	0.2
773	1	2	6	0	0.027	0.613	34.309	1534.	1537.	3.0	33.5
774	1	7	1	-8	0.027	0.613	34.320	606.	613.	7.1	11.2
775	1	8	5	0	0.027	0.613	34.329	1314.	1308.	-6.2	25.7
776	1	10	4	1	0.027	0.613	34.330	649.	645.	-4.0	12.9
777	1	0	0	8	0.027	0.613	34.353	85.	85.	-0.4	3.2
778	1	6	4	-6	0.027	0.613	34.367	64.	64.	0.5	2.7
779	1	11	4	-1	0.027	0.613	34.370	90.	91.	0.6	3.7
780	1	4	4	5	0.027	0.613	34.403	2361.	2371.	10.5	36.2
781	1	1	6	1	0.027	0.613	34.407	1655.	1654.	-0.9	23.9
782	1	2	6	-1	0.027	0.613	34.413	998.	990.	-7.6	14.5
783	1	4	3	6	0.027	0.613	34.427	1298.	1296.	-2.6	26.8
784	1	14	1	0	0.027	0.613	34.469	517.	514.	-2.6	18.9
785	1	8	0	-8	0.027	0.613	34.474	358.	362.	3.3	13.4
786	1	12	2	2	0.027	0.613	34.495	258.	257.	-0.9	13.3
787	1	4	1	7	0.027	0.613	34.523	241.	242.	0.8	12.5
788	1	9	4	-5	0.027	0.613	34.526	160.	160.	0.0	8.3
789	1	0	3	-7	0.027	0.613	34.530	42.	42.	-0.3	2.2
790	1	0	3	7	0.027	0.613	34.530	42.	42.	-0.3	2.2
791	1	8	4	3	0.027	0.613	34.570	684.	685.	1.1	18.8
792	1	10	3	-6	0.028	0.613	34.586	1941.	1953.	12.5	34.4
793	1	14	2	-2	0.028	0.613	34.593	1572.	1559.	-13.1	27.2
794	1	8	2	5	0.028	0.613	34.612	299.	298.	-0.3	6.9
795	1	7	3	-7	0.028	0.613	34.622	925.	925.	0.1	26.4
796	1	11	2	3	0.028	0.613	34.622	159.	159.	-0.1	4.6
797	1	9	0	5	0.028	0.613	34.626	67.	66.	-0.4	2.1
798	1	5	5	3	0.028	0.613	34.666	169.	168.	-0.3	11.3

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
799	1	11	4	-3	0.028	0.613	34.677	241.	241.	0.5	16.9
800	1	11	3	2	0.028	0.613	34.690	34.	34.	-0.4	3.1
801	1	11	1	-7	0.028	0.613	34.721	67.	67.	0.0	5.4
802	1	3	2	7	0.028	0.613	34.739	220.	221.	1.8	9.7
803	1	8	5	-3	0.028	0.613	34.739	221.	223.	1.6	9.6
804	1	3	6	0	0.028	0.613	34.750	129.	127.	-1.8	4.0
805	1	2	6	1	0.028	0.613	34.757	338.	336.	-1.8	9.0
806	1	14	2	-3	0.028	0.613	34.763	664.	666.	1.2	16.9
807	1	3	6	-1	0.028	0.613	34.767	728.	729.	1.4	18.7
808	1	13	3	-2	0.028	0.613	34.780	306.	304.	-2.2	9.6
809	1	13	2	-5	0.028	0.613	34.809	1157.	1158.	1.4	35.6
810	1	6	2	6	0.028	0.613	34.829	299.	299.	-0.2	12.6
811	1	0	1	-8	0.028	0.613	34.831	190.	189.	-0.8	8.5
812	1	0	1	8	0.028	0.613	34.831	190.	189.	-0.8	8.5
813	1	1	4	6	0.028	0.613	34.903	322.	323.	0.7	17.0
814	1	10	3	3	0.028	0.613	34.906	260.	261.	0.4	13.1
815	1	10	2	-7	0.028	0.613	34.909	102.	102.	-0.3	4.9
816	1	4	2	-8	0.028	0.613	34.917	40.	40.	-0.4	2.0
817	1	13	2	1	0.028	0.613	34.921	57.	57.	-0.3	3.0
818	1	3	5	4	0.028	0.613	34.925	76.	76.	0.2	4.0
819	1	8	1	-8	0.028	0.613	34.950	592.	593.	0.5	26.5
820	1	14	2	-1	0.028	0.613	34.972	38.	37.	-0.6	1.5
821	1	1	6	-2	0.028	0.613	34.973	37.	37.	-0.4	1.5
822	1	3	2	-8	0.028	0.613	34.989	416.	418.	2.1	10.8
823	1	7	4	-6	0.028	0.613	34.993	466.	467.	0.9	11.1
824	1	7	5	-4	0.028	0.613	34.999	925.	924.	-0.9	19.7
825	1	5	2	-8	0.028	0.613	35.019	324.	326.	2.2	5.3
826	1	12	3	1	0.028	0.613	35.025	1109.	1112.	2.4	16.1
827	1	12	2	-6	0.028	0.613	35.031	556.	555.	-1.2	7.4
828	1	13	3	-3	0.028	0.613	35.034	1757.	1754.	-2.7	22.7
829	1	11	4	0	0.028	0.613	35.040	1587.	1590.	2.3	20.5
830	1	7	1	6	0.028	0.613	35.053	1143.	1145.	1.5	17.2
831	1	0	6	-2	0.028	0.613	35.056	525.	525.	-0.8	8.3
832	1	0	6	2	0.028	0.613	35.056	525.	525.	-0.8	8.3
833	1	2	6	-2	0.028	0.613	35.063	280.	278.	-2.0	5.5
834	1	2	5	-5	0.028	0.613	35.065	443.	439.	-3.2	9.2
835	1	13	3	-1	0.028	0.613	35.072	75.	75.	-0.1	2.0
836	1	3	5	-5	0.028	0.613	35.074	145.	145.	0.2	4.4
837	1	9	1	5	0.028	0.613	35.100	81.	81.	0.2	5.8
838	1	15	0	-3	0.028	0.613	35.140	514.	514.	-0.1	33.7

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
839	1	1	3	7	0.028	0.613	35.215	197.	197.	0.8	13.7
840	1	1	5	-5	0.028	0.613	35.229	263.	263.	-0.5	11.5
841	1	2	2	-8	0.028	0.613	35.235	268.	269.	0.9	10.5
842	1	7	3	5	0.028	0.613	35.246	356.	357.	0.1	11.9
843	1	4	5	-5	0.028	0.613	35.257	330.	329.	-1.1	9.8
844	1	13	1	-6	0.028	0.613	35.276	503.	505.	2.3	10.7
845	1	3	6	1	0.028	0.613	35.278	859.	862.	3.0	17.8
846	1	8	5	1	0.028	0.614	35.288	394.	393.	-1.0	7.1
847	1	4	6	-1	0.028	0.614	35.290	380.	379.	-1.0	6.6
848	1	6	2	-8	0.028	0.614	35.294	252.	251.	-0.5	4.3
849	1	10	2	4	0.028	0.614	35.297	445.	445.	-0.5	7.4
850	1	7	5	2	0.028	0.614	35.310	820.	821.	1.0	13.4
851	1	1	6	2	0.028	0.614	35.312	915.	915.	0.3	15.4
852	1	14	1	-5	0.028	0.614	35.313	1260.	1259.	-0.5	21.6
853	1	9	5	-1	0.028	0.614	35.319	291.	290.	-1.8	5.8
854	1	3	6	-2	0.028	0.614	35.327	31.	30.	-0.7	0.8
855	1	8	3	-7	0.028	0.614	35.332	19.	18.	-0.7	0.6
856	1	4	6	0	0.028	0.614	35.359	159.	158.	-0.8	4.9
857	1	9	5	-2	0.028	0.614	35.369	1481.	1482.	1.0	42.6
858	1	12	3	-5	0.028	0.614	35.422	1139.	1141.	1.7	35.8
859	1	13	1	2	0.028	0.614	35.424	332.	332.	-0.5	10.5
860	1	5	0	7	0.028	0.614	35.431	186.	184.	-1.8	7.0
861	1	12	1	3	0.028	0.614	35.460	33.	33.	0.4	3.5
862	1	14	2	-4	0.028	0.614	35.474	1.	1.	0.0	0.1
863	1	7	4	4	0.028	0.614	35.509	1.	1.	-0.1	0.0
864	1	15	0	-1	0.028	0.614	35.516	2557.	2558.	0.7	64.2
865	1	0	5	-5	0.028	0.614	35.565	333.	332.	-0.3	15.5
866	1	0	5	5	0.028	0.614	35.565	332.	332.	-0.3	15.5
867	1	1	1	8	0.028	0.614	35.595	27.	26.	-0.4	1.3
868	1	5	5	-5	0.028	0.614	35.611	496.	496.	0.0	15.9
869	1	5	4	5	0.028	0.614	35.613	834.	834.	0.7	26.1
870	1	11	4	-4	0.028	0.614	35.641	361.	361.	0.3	13.3
871	1	1	2	-8	0.028	0.614	35.651	244.	243.	-0.8	8.9
872	1	9	3	4	0.028	0.614	35.663	183.	183.	-0.1	6.8
873	1	2	4	6	0.028	0.614	35.670	337.	337.	0.1	13.0
874	1	5	3	6	0.028	0.614	35.720	627.	631.	4.0	10.7
875	1	2	6	2	0.028	0.614	35.738	7765.	7793.	28.1	70.8
876	1	7	2	-8	0.028	0.614	35.739	197.	198.	0.6	1.8
877	1	9	1	-8	0.028	0.614	35.742	162.	162.	-0.3	1.4
878	1	10	4	-5	0.028	0.614	35.750	3494.	3468.	-25.7	29.2

879	1	4	6	-2	0.028	0.614	35.760	4921.	4921.	-0.4	47.7
880	1	8	4	-6	0.028	0.614	35.780	1170.	1162.	-7.5	20.1
881	1	9	5	0	0.028	0.614	35.807	186.	187.	1.1	7.1
882	1	13	3	-4	0.028	0.614	35.824	1.	1.	-0.1	0.1
883	1	4	5	4	0.028	0.614	35.866	1221.	1210.	-10.4	21.6
884	1	6	5	3	0.028	0.614	35.872	2842.	2855.	13.2	47.9
885	1	14	2	0	0.028	0.614	35.883	391.	392.	0.6	8.3
886	1	11	3	-6	0.028	0.614	35.895	189.	185.	-3.9	6.4
887	1	5	1	7	0.028	0.614	35.896	11.	11.	-0.2	0.4
888	1	13	3	0	0.028	0.614	35.897	5.	5.	-0.1	0.2
889	1	14	1	1	0.028	0.614	35.927	154.	153.	-0.8	7.5
890	1	4	2	7	0.028	0.614	35.935	274.	276.	2.0	12.6
891	1	8	5	-4	0.028	0.614	35.953	74.	75.	0.6	2.7
892	1	9	5	-3	0.028	0.614	35.953	90.	91.	0.7	3.2
893	1	4	6	1	0.028	0.614	35.962	228.	228.	-0.4	6.5
894	1	5	6	-1	0.028	0.614	35.978	2457.	2459.	1.7	50.5
895	1	10	4	2	0.028	0.614	35.992	576.	572.	-3.6	15.8
896	1	11	1	4	0.028	0.614	36.034	351.	352.	1.0	15.8
897	1	2	0	8	0.028	0.614	36.056	558.	560.	2.6	16.0
898	1	2	3	7	0.028	0.614	36.060	793.	791.	-1.6	22.5
899	1	1	5	5	0.028	0.614	36.068	317.	315.	-1.7	10.4
900	1	12	4	-2	0.028	0.614	36.072	189.	189.	-0.1	7.2

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
901	1	12	1	-7	0.028	0.614	36.113	304.	305.	0.8	18.1
902	1	11	2	-7	0.028	0.614	36.126	160.	160.	0.4	9.8
903	1	5	6	0	0.028	0.614	36.128	175.	175.	-0.3	11.5
904	1	6	5	-5	0.028	0.614	36.131	90.	89.	-1.0	6.5
905	1	9	3	-7	0.028	0.614	36.199	608.	609.	1.5	33.1
906	1	10	0	-8	0.028	0.614	36.230	256.	256.	0.1	8.8
907	1	1	6	-3	0.028	0.614	36.230	344.	344.	0.0	11.8
908	1	11	4	1	0.028	0.614	36.230	209.	209.	-0.1	7.2
909	1	0	2	-8	0.028	0.614	36.232	198.	198.	-0.3	6.9
910	1	0	2	8	0.028	0.614	36.232	198.	198.	-0.3	6.9
911	1	2	6	-3	0.028	0.614	36.235	155.	154.	-0.8	5.8
912	1	12	4	-1	0.028	0.614	36.272	139.	140.	0.2	8.7
913	1	9	4	3	0.028	0.614	36.287	644.	644.	-0.2	36.1
914	1	3	6	2	0.028	0.614	36.329	7.	7.	-0.3	0.8
915	1	8	2	-8	0.028	0.614	36.347	462.	465.	2.6	29.0
916	1	5	6	-2	0.028	0.614	36.358	234.	231.	-2.4	15.5
917	1	8	0	6	0.028	0.614	36.374	12.	12.	0.1	1.3
918	1	0	6	-3	0.028	0.614	36.393	29.	29.	0.1	3.5

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
919	1	0	6	3	0.028	0.614	36.393	29.	29.	0.1	3.5
920	1	12	4	-3	0.028	0.614	36.401	66.	66.	0.2	7.7
921	1	3	6	-3	0.028	0.614	36.409	5.	5.	-0.2	0.5
922	1	7	2	6	0.028	0.614	36.447	2157.	2157.	-0.1	63.7
923	1	9	2	5	0.028	0.614	36.492	267.	267.	0.2	20.1
924	1	2	1	8	0.028	0.614	36.514	276.	276.	-0.3	27.3
925	1	3	4	6	0.028	0.614	36.591	251.	251.	0.1	34.9
926	1	14	0	-6	0.028	0.614	36.611	0.	0.	0.0	0.0
927	1	13	2	-6	0.028	0.614	36.662	907.	907.	0.4	46.6
928	1	10	1	-8	0.028	0.614	36.686	60.	59.	-1.1	3.7
929	1	14	2	-5	0.028	0.614	36.698	196.	198.	1.8	11.7
930	1	9	4	-6	0.028	0.614	36.720	163.	162.	-0.4	6.6
931	1	1	6	3	0.028	0.614	36.723	269.	268.	-1.1	10.4
932	1	2	5	5	0.028	0.614	36.732	564.	565.	1.4	20.8
933	1	8	5	2	0.028	0.614	36.749	78.	78.	-0.3	3.5
934	1	4	6	-3	0.028	0.614	36.750	130.	129.	-0.6	5.8
935	1	3	4	-7	0.028	0.614	36.799	146.	147.	0.7	2.3
936	1	5	6	1	0.028	0.614	36.802	1461.	1468.	7.5	20.7
937	1	13	2	2	0.028	0.614	36.805	1207.	1212.	4.5	15.4
938	1	4	4	-7	0.028	0.614	36.811	364.	364.	-0.1	4.2
939	1	7	5	-5	0.028	0.614	36.812	776.	775.	-0.7	8.8
940	1	9	5	1	0.028	0.614	36.814	1019.	1018.	-1.7	11.4
941	1	10	5	-2	0.028	0.614	36.814	1313.	1310.	-2.2	14.7
942	1	6	6	-1	0.028	0.614	36.821	1190.	1185.	-4.1	13.6
943	1	12	3	2	0.028	0.614	36.823	599.	597.	-1.9	7.0
944	1	8	1	6	0.028	0.614	36.829	1054.	1054.	-0.7	13.5
945	1	12	2	3	0.028	0.614	36.840	966.	969.	2.2	16.0
946	1	10	5	-1	0.028	0.614	36.847	607.	602.	-4.6	12.1
947	1	15	0	-5	0.028	0.614	36.896	1714.	1721.	6.6	31.2
948	1	14	3	-2	0.028	0.614	36.916	3703.	3699.	-4.3	52.6
949	1	8	3	5	0.028	0.614	36.933	83.	82.	-1.1	1.4
950	1	11	3	3	0.028	0.614	36.943	339.	338.	-0.6	5.7
951	1	5	5	4	0.028	0.614	36.952	738.	739.	1.0	11.9
952	1	2	4	-7	0.028	0.614	36.953	693.	694.	0.8	11.2
953	1	6	4	5	0.028	0.614	36.954	933.	934.	0.8	15.1
954	1	1	2	8	0.028	0.614	36.971	1294.	1294.	-0.2	22.9
955	1	5	4	-7	0.028	0.614	36.990	808.	806.	-2.6	17.7
956	1	12	4	0	0.028	0.614	36.993	853.	853.	0.2	20.2
957	1	6	6	0	0.028	0.614	37.050	424.	425.	0.8	13.7
958	1	9	5	-4	0.028	0.614	37.052	389.	390.	0.2	12.3

959	1	3	3	7	0.028	0.614	37.053	345.	345.	-0.3	10.9
960	1	14	1	-6	0.028	0.614	37.064	138.	137.	-0.9	4.8
961	1	14	3	-3	0.028	0.614	37.076	39.	40.	0.2	1.6
962	1	4	6	2	0.028	0.614	37.077	32.	32.	0.2	1.3
963	1	8	4	4	0.028	0.614	37.105	479.	480.	1.5	11.1
964	1	11	4	-5	0.028	0.614	37.105	34.	34.	0.1	0.8
965	1	6	6	-2	0.028	0.614	37.113	682.	685.	2.8	12.1
966	1	9	2	-8	0.028	0.614	37.113	47.	47.	0.2	0.8
967	1	13	3	-5	0.028	0.614	37.119	297.	298.	0.5	4.5
968	1	10	1	5	0.028	0.614	37.125	2563.	2562.	-1.0	35.2
969	1	6	3	6	0.028	0.614	37.139	3112.	3107.	-4.4	46.1
970	1	13	0	-7	0.028	0.614	37.177	752.	752.	0.2	25.6
971	1	7	5	3	0.028	0.614	37.208	16.	15.	-0.4	0.6
972	1	10	3	-7	0.028	0.614	37.214	67.	66.	-1.0	2.4
973	1	2	6	3	0.028	0.614	37.216	98.	97.	-0.9	3.5
974	1	4	3	-8	0.028	0.614	37.222	328.	329.	0.9	10.8
975	1	13	3	1	0.028	0.614	37.226	549.	551.	2.6	17.5
976	1	12	4	-4	0.028	0.614	37.246	103.	101.	-2.1	2.9
977	1	5	6	-3	0.028	0.614	37.253	265.	263.	-1.5	6.9
978	1	5	2	7	0.028	0.614	37.263	774.	779.	5.6	17.5
979	1	5	0	-9	0.028	0.614	37.265	219.	220.	1.4	4.8
980	1	1	4	-7	0.028	0.614	37.271	300.	300.	-0.9	6.1
981	1	14	3	-1	0.028	0.614	37.273	291.	288.	-2.2	5.8
982	1	3	3	-8	0.028	0.614	37.290	264.	261.	-2.5	4.5
983	1	14	2	1	0.028	0.614	37.292	1189.	1184.	-4.9	20.1
984	1	10	5	-3	0.028	0.614	37.298	1378.	1387.	9.6	23.2
985	1	5	3	-8	0.028	0.614	37.318	787.	786.	-1.5	13.7
986	1	12	3	-6	0.028	0.614	37.329	1024.	1023.	-1.2	18.9
987	1	6	4	-7	0.028	0.614	37.333	1235.	1234.	-1.2	24.1
988	1	13	0	3	0.028	0.614	37.354	78.	78.	0.3	2.6
989	1	6	1	7	0.028	0.614	37.390	746.	743.	-3.0	13.0
990	1	11	2	4	0.028	0.614	37.396	801.	800.	-0.8	12.8
991	1	3	0	-9	0.028	0.614	37.398	696.	697.	0.3	11.2
992	1	10	5	0	0.028	0.614	37.398	2242.	2244.	1.3	36.3
993	1	14	0	2	0.028	0.614	37.403	452.	453.	1.5	8.0
994	1	12	2	-7	0.028	0.614	37.472	831.	831.	0.7	31.0
995	1	2	3	-8	0.028	0.614	37.523	4294.	4295.	0.9	69.3
996	1	3	5	5	0.028	0.614	37.550	115.	114.	-1.0	2.6
997	1	3	1	8	0.028	0.614	37.578	3169.	3170.	1.3	44.4
998	1	6	3	-8	0.028	0.614	37.579	1368.	1368.	-0.2	19.2
999	1	10	3	4	0.028	0.614	37.581	1236.	1235.	-1.8	17.8
1000	1	13	1	-7	0.028	0.614	37.623	183.	183.	0.3	7.1

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
1001	1	8	5	-5	0.028	0.614	37.646	893.	895.	2.4	23.9
1002	1	4	4	6	0.028	0.614	37.656	1045.	1042.	-2.9	29.5
1003	1	4	1	-9	0.028	0.614	37.695	3.	3.	-0.1	0.2
1004	1	5	1	-9	0.029	0.614	37.711	46.	45.	-0.6	1.8
1005	1	3	5	-6	0.029	0.614	37.722	1271.	1274.	2.4	37.6
1006	1	14	3	-4	0.029	0.614	37.749	579.	578.	-0.1	14.8
1007	1	0	4	-7	0.029	0.614	37.751	259.	258.	-0.7	6.5
1008	1	0	4	7	0.029	0.614	37.751	259.	258.	-0.7	6.5
1009	1	11	1	-8	0.029	0.614	37.773	1085.	1087.	2.5	24.4
1010	1	7	0	-9	0.029	0.614	37.789	136.	136.	0.0	2.7
1011	1	6	6	1	0.029	0.614	37.789	289.	289.	0.0	5.7
1012	1	2	5	-6	0.029	0.614	37.793	271.	272.	0.3	5.1
1013	1	13	1	3	0.029	0.614	37.799	341.	341.	0.2	6.0
1014	1	10	4	-6	0.029	0.614	37.803	434.	434.	-0.2	7.3
1015	1	7	6	-1	0.029	0.614	37.812	1138.	1136.	-1.3	19.0
1016	1	4	5	-6	0.029	0.614	37.814	1463.	1462.	-0.9	25.1
1017	1	12	0	4	0.029	0.614	37.820	273.	274.	0.6	5.3
1018	1	7	4	-7	0.029	0.614	37.837	329.	328.	-0.6	10.2
1019	1	3	1	-9	0.029	0.614	37.843	75.	75.	-0.7	2.7
1020	1	14	1	2	0.029	0.614	37.848	9.	8.	-0.1	0.3
1021	1	2	2	8	0.029	0.614	37.861	5.	5.	0.0	0.2
1022	1	3	6	3	0.029	0.614	37.866	16.	16.	-0.3	0.6
1023	1	2	6	-4	0.029	0.614	37.887	1679.	1680.	1.1	38.0
1024	1	6	1	-9	0.029	0.614	37.890	303.	304.	1.1	6.7
1025	1	11	4	2	0.029	0.614	37.900	513.	513.	-0.9	12.4
1026	1	6	6	-3	0.029	0.614	37.913	96.	95.	-0.9	3.1
1027	1	1	3	-8	0.029	0.614	37.917	234.	234.	0.3	8.0
1028	1	1	6	-4	0.029	0.614	37.961	3655.	3658.	3.0	61.4
1029	1	15	0	1	0.029	0.614	37.967	91.	90.	-0.7	1.5
1030	1	3	6	-4	0.029	0.614	37.975	414.	412.	-1.8	8.3
1031	1	5	6	2	0.029	0.614	37.976	134.	134.	-0.5	2.7
1032	1	13	4	-2	0.029	0.614	37.983	94.	94.	0.3	2.3
1033	1	7	3	-8	0.029	0.614	38.000	294.	293.	-1.3	8.5
1034	1	7	6	-2	0.029	0.614	38.017	1016.	1020.	4.0	27.1
1035	1	1	5	-6	0.029	0.614	38.026	407.	404.	-2.4	11.7
1036	1	10	2	-8	0.029	0.614	38.028	121.	120.	-1.0	3.6
1037	1	5	5	-6	0.029	0.614	38.068	1756.	1756.	-0.3	49.5
1038	1	10	4	3	0.029	0.614	38.099	91.	91.	0.1	6.2
1039	1	7	6	0	0.029	0.614	38.114	2.	2.	-0.1	0.1
1040	1	14	3	0	0.029	0.614	38.137	269.	269.	-1.0	11.7

1041	1	2	1	-9	0.029	0.614	38.152	987.	991.	3.7	29.2
1042	1	8	2	6	0.029	0.614	38.167	394.	392.	-1.9	10.7
1043	1	6	5	4	0.029	0.614	38.174	147.	145.	-1.6	3.9
1044	1	1	0	-9	0.029	0.614	38.182	214.	213.	-1.1	5.4
1045	1	4	3	7	0.029	0.614	38.186	375.	376.	0.8	9.1
1046	1	0	6	-4	0.029	0.614	38.197	396.	399.	3.6	8.7
1047	1	0	6	4	0.029	0.614	38.197	395.	399.	3.6	8.7
1048	1	12	4	1	0.029	0.614	38.210	621.	617.	-3.5	11.9
1049	1	13	4	-3	0.029	0.614	38.219	563.	559.	-3.7	10.4
1050	1	4	6	-4	0.029	0.614	38.225	1242.	1241.	-1.2	24.3

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
1051	1	7	1	-9	0.029	0.614	38.229	746.	749.	2.7	16.0
1052	1	13	4	-1	0.029	0.614	38.253	93.	92.	-0.5	3.6
1053	1	12	1	4	0.029	0.614	38.260	154.	154.	-0.2	6.3
1054	1	10	5	-4	0.029	0.614	38.284	1103.	1103.	0.6	38.2
1055	1	9	5	2	0.029	0.614	38.304	147.	146.	-0.9	8.1
1056	1	4	0	8	0.029	0.614	38.340	435.	436.	0.3	26.8
1057	1	11	3	-7	0.029	0.614	38.367	30.	29.	-0.3	1.8
1058	1	11	5	-2	0.029	0.614	38.372	66.	66.	0.0	3.7
1059	1	1	4	7	0.029	0.614	38.387	468.	470.	1.8	18.8
1060	1	14	2	-6	0.029	0.614	38.394	330.	329.	-0.9	11.7
1061	1	7	4	5	0.029	0.614	38.416	608.	608.	0.4	17.5
1062	1	0	5	-6	0.029	0.614	38.420	264.	264.	-0.2	7.4
1063	1	0	5	6	0.029	0.614	38.420	264.	264.	-0.2	7.4
1064	1	10	5	1	0.029	0.614	38.448	952.	951.	-1.2	21.5
1065	1	10	2	5	0.029	0.614	38.454	871.	873.	1.7	19.1
1066	1	0	3	-8	0.029	0.614	38.468	355.	355.	0.2	8.5
1067	1	0	3	8	0.029	0.614	38.468	354.	355.	0.2	8.5
1068	1	6	5	-6	0.029	0.614	38.481	226.	225.	-0.9	6.2
1069	1	11	5	-1	0.029	0.614	38.484	249.	248.	-1.1	7.0
1070	1	8	4	-7	0.029	0.614	38.495	444.	445.	1.5	13.8
1071	1	4	5	5	0.029	0.615	38.514	663.	662.	-1.4	24.9
1072	1	7	0	7	0.029	0.615	38.560	730.	732.	2.5	20.7
1073	1	12	0	-8	0.029	0.615	38.560	166.	166.	0.6	4.6
1074	1	8	3	-8	0.029	0.615	38.578	473.	473.	0.0	10.8
1075	1	12	4	-5	0.029	0.615	38.579	1544.	1542.	-1.7	35.6
1076	1	1	6	4	0.029	0.615	38.592	51.	50.	-1.6	1.7
1077	1	1	1	-9	0.029	0.615	38.619	208.	208.	0.6	9.9
1078	1	9	5	-5	0.029	0.615	38.626	164.	165.	1.0	7.7
1079	1	5	6	-4	0.029	0.615	38.633	233.	232.	-1.1	10.8
1080	1	8	5	3	0.029	0.615	38.665	723.	725.	2.4	22.9

1081	1	4	6	3	0.029	0.615	38.668	634.	633.	-1.2	20.1
1082	1	7	3	6	0.029	0.615	38.673	98.	97.	-1.5	3.3
1083	1	9	1	6	0.029	0.615	38.694	35.	35.	0.1	1.7
1084	1	6	2	7	0.029	0.615	38.711	168.	169.	1.1	6.5
1085	1	9	3	5	0.029	0.615	38.716	317.	317.	-0.3	11.2
1086	1	7	6	-3	0.029	0.615	38.724	596.	595.	-1.2	21.1
1087	1	8	1	-9	0.029	0.615	38.726	327.	327.	0.2	12.1
1088	1	11	5	-3	0.029	0.615	38.763	133.	133.	0.2	9.7
1089	1	4	1	8	0.029	0.615	38.776	23.	23.	-0.5	1.3
1090	1	11	0	5	0.029	0.615	38.786	298.	299.	0.9	13.7
1091	1	9	4	4	0.029	0.615	38.803	964.	963.	-0.8	36.6
1092	1	5	4	6	0.029	0.615	38.856	666.	667.	0.8	27.4
1093	1	13	3	-6	0.029	0.615	38.877	222.	221.	-0.5	6.7
1094	1	3	2	8	0.029	0.615	38.893	1201.	1205.	3.6	25.6
1095	1	14	3	-5	0.029	0.615	38.912	1702.	1702.	-0.7	28.3
1096	1	7	6	1	0.029	0.615	38.914	1161.	1160.	-1.4	19.3
1097	1	13	2	-7	0.029	0.615	38.938	318.	317.	-0.6	6.1
1098	1	8	6	-1	0.029	0.615	38.940	227.	227.	-0.1	4.4
1099	1	15	1	-6	0.029	0.615	38.940	318.	318.	-0.1	6.1
1100	1	9	0	-9	0.029	0.615	38.946	282.	283.	0.6	5.4

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
1101	1	13	4	-4	0.029	0.615	38.953	724.	725.	0.2	13.9
1102	1	1	5	6	0.029	0.615	38.969	1629.	1628.	-0.8	33.6
1103	1	7	1	7	0.029	0.615	38.993	46.	45.	-0.7	1.1
1104	1	12	1	-8	0.029	0.615	38.994	65.	64.	-1.0	1.6
1105	1	4	2	-9	0.029	0.615	39.007	219.	219.	0.9	4.3
1106	1	13	3	2	0.029	0.615	39.014	586.	588.	1.9	10.5
1107	1	6	6	2	0.029	0.615	39.015	849.	851.	1.8	14.9
1108	1	11	4	-6	0.029	0.615	39.019	555.	555.	-0.7	9.5
1109	1	13	4	0	0.029	0.615	39.021	562.	560.	-1.6	9.6
1110	1	5	2	-9	0.029	0.615	39.023	392.	390.	-1.7	6.7
1111	1	12	3	3	0.029	0.615	39.047	1055.	1059.	4.4	19.4
1112	1	7	5	-6	0.029	0.615	39.050	239.	239.	0.6	4.3
1113	1	8	6	-2	0.029	0.615	39.063	1138.	1131.	-6.3	18.7
1114	1	11	2	-8	0.029	0.615	39.083	2732.	2750.	18.6	39.8
1115	1	11	5	0	0.029	0.615	39.093	1766.	1747.	-18.6	28.7
1116	1	13	2	3	0.029	0.615	39.108	8.	8.	-0.2	0.2
1117	1	2	6	4	0.029	0.615	39.143	655.	662.	7.3	18.1
1118	1	3	2	-9	0.029	0.615	39.151	76.	75.	-0.9	1.7
1119	1	14	2	2	0.029	0.615	39.155	320.	313.	-7.0	6.7
1120	1	1	3	8	0.029	0.615	39.172	977.	978.	1.0	16.2

1121	1	2	4	7	0.029	0.615	39.172	1867.	1873.	5.2	30.9
1122	1	6	2	-9	0.029	0.615	39.196	702.	701.	-0.8	13.7
1123	1	6	6	-4	0.029	0.615	39.197	1119.	1116.	-3.4	22.0
1124	1	11	1	5	0.029	0.615	39.217	0.	0.	-0.1	0.0
1125	1	0	1	-9	0.029	0.615	39.239	52.	49.	-2.6	1.0
1126	1	0	1	9	0.029	0.615	39.239	52.	49.	-2.6	1.0
1127	1	14	1	-7	0.029	0.615	39.242	2699.	2705.	5.9	54.6
1128	1	9	4	-7	0.029	0.615	39.302	531.	532.	0.4	10.5
1129	1	9	3	-8	0.029	0.615	39.307	533.	531.	-2.7	9.7
1130	1	8	6	0	0.029	0.615	39.312	3104.	3105.	1.2	57.4
1131	1	9	1	-9	0.029	0.615	39.376	309.	309.	-0.1	22.9
1132	1	5	3	7	0.029	0.615	39.449	2138.	2136.	-2.8	53.1
1133	1	2	2	-9	0.029	0.615	39.451	516.	518.	2.8	12.8
1134	1	14	3	1	0.029	0.615	39.478	91.	91.	0.3	5.2
1135	1	7	5	4	0.029	0.615	39.521	554.	545.	-9.0	18.8
1136	1	7	2	-9	0.029	0.615	39.526	881.	891.	9.8	28.9
1137	1	12	2	4	0.029	0.615	39.557	233.	232.	-1.0	10.3
1138	1	11	3	4	0.029	0.615	39.577	450.	447.	-3.1	15.3
1139	1	1	0	9	0.029	0.615	39.583	605.	610.	4.4	19.6
1140	1	5	6	3	0.029	0.615	39.612	1076.	1078.	2.3	34.6
1141	1	5	5	5	0.029	0.615	39.615	279.	275.	-3.9	9.4
1142	1	11	5	-4	0.029	0.615	39.641	11.	11.	-0.2	0.8
1143	1	12	3	-7	0.029	0.615	39.649	108.	108.	0.4	8.4
1144	1	2	5	6	0.029	0.615	39.668	294.	294.	-0.2	26.5
1145	1	8	6	-3	0.029	0.615	39.677	2.	1.	-0.1	0.2
1146	1	10	5	-5	0.029	0.615	39.741	791.	792.	0.5	54.8
1147	1	8	5	-6	0.029	0.615	39.768	55.	54.	-0.5	11.6
1148	1	3	6	4	0.029	0.615	39.843	0.	0.	0.0	0.0
1149	1	12	4	2	0.029	0.615	39.885	0.	0.	0.0	0.0
1150	1	1	2	-9	0.029	0.615	39.905	5.	5.	-0.2	0.5

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
1151	1	7	6	-4	0.029	0.615	39.909	79.	79.	-0.3	6.9
1152	1	1	7	0	0.029	0.615	39.910	214.	215.	1.0	18.3
1153	1	10	5	2	0.029	0.615	39.962	264.	263.	-0.2	6.8
1154	1	2	6	-5	0.029	0.615	39.968	306.	306.	-0.3	6.2
1155	1	14	4	-2	0.029	0.615	39.971	760.	759.	-0.8	13.9
1156	1	3	6	-5	0.029	0.615	39.976	1042.	1044.	1.6	16.9
1157	1	9	2	6	0.029	0.615	39.979	1640.	1646.	6.3	25.6
1158	1	8	4	5	0.029	0.615	39.988	990.	988.	-1.7	14.8
1159	1	11	4	3	0.029	0.615	39.997	535.	531.	-3.9	8.3
1160	1	1	1	9	0.029	0.615	40.007	560.	559.	-1.3	9.2

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
1161	1	8	2	-9	0.029	0.615	40.010	573.	573.	-0.6	9.6
1162	1	2	3	8	0.029	0.615	40.020	1572.	1575.	2.8	30.0
1163	1	12	5	-2	0.029	0.615	40.035	334.	331.	-3.2	9.3
1164	1	4	2	8	0.029	0.615	40.058	95.	96.	0.8	4.4
1165	1	0	7	-1	0.029	0.615	40.076	15.	15.	0.1	0.6
1166	1	0	7	1	0.029	0.615	40.076	15.	15.	0.1	0.6
1167	1	1	7	-1	0.029	0.615	40.077	28.	28.	0.2	1.2
1168	1	5	1	8	0.029	0.615	40.099	279.	279.	0.5	6.0
1169	1	3	4	7	0.029	0.615	40.100	304.	304.	0.7	6.3
1170	1	1	6	-5	0.029	0.615	40.115	3220.	3228.	8.2	46.2
1171	1	14	4	-3	0.029	0.615	40.121	1795.	1786.	-8.5	26.1
1172	1	4	6	-5	0.029	0.615	40.140	64.	63.	-1.3	1.3
1173	1	2	7	0	0.029	0.615	40.143	32.	31.	-0.5	0.7
1174	1	13	4	-5	0.029	0.615	40.162	177.	178.	0.5	3.3
1175	1	8	6	1	0.029	0.615	40.168	951.	955.	3.8	16.1
1176	1	10	1	-9	0.029	0.615	40.171	451.	452.	1.4	7.2
1177	1	14	1	3	0.029	0.615	40.175	518.	518.	0.5	7.9
1178	1	10	3	-8	0.029	0.615	40.179	189.	188.	-0.4	2.8
1179	1	6	4	6	0.029	0.615	40.180	673.	671.	-1.5	10.1
1180	1	11	5	1	0.029	0.615	40.180	510.	509.	-1.2	7.6
1181	1	7	6	2	0.029	0.615	40.187	473.	471.	-2.3	7.2
1182	1	9	6	-1	0.029	0.615	40.196	934.	933.	-0.6	15.1
1183	1	12	5	-1	0.029	0.615	40.218	1641.	1647.	6.6	26.8
1184	1	10	0	6	0.029	0.615	40.222	455.	455.	-0.3	7.4
1185	1	1	7	1	0.029	0.615	40.229	315.	313.	-2.4	5.2
1186	1	9	5	3	0.029	0.615	40.232	304.	302.	-2.5	5.0
1187	1	2	7	-1	0.029	0.615	40.234	241.	239.	-1.8	4.0
1188	1	9	6	-2	0.029	0.615	40.240	318.	317.	-1.1	5.5
1189	1	10	4	-7	0.029	0.615	40.251	663.	666.	3.6	12.1
1190	1	4	4	-8	0.029	0.615	40.258	757.	760.	2.6	14.6
1191	1	13	4	1	0.029	0.615	40.261	615.	615.	-0.7	12.5
1192	1	7	2	7	0.029	0.615	40.270	227.	224.	-2.7	5.4
1193	1	12	2	-8	0.029	0.615	40.270	194.	192.	-2.3	4.7
1194	1	14	4	-1	0.029	0.615	40.306	782.	786.	3.5	21.0
1195	1	8	3	6	0.029	0.615	40.312	498.	497.	-0.9	12.8
1196	1	3	4	-8	0.029	0.615	40.322	192.	190.	-1.3	4.8
1197	1	12	5	-3	0.029	0.615	40.336	639.	639.	0.1	16.5
1198	1	13	1	-8	0.029	0.615	40.337	278.	279.	0.2	7.2
1199	1	5	4	-8	0.029	0.615	40.348	500.	503.	2.2	14.8
1200	1	12	4	-6	0.029	0.615	40.358	474.	470.	-3.2	18.9

1201	1	0	6	-5	0.029	0.615	40.416	66.	66.	0.2	7.1
1202	1	0	6	5	0.029	0.615	40.416	66.	66.	0.2	7.1
1203	1	5	6	-5	0.029	0.615	40.457	1062.	1063.	0.3	41.3
1204	1	11	2	5	0.029	0.615	40.488	544.	544.	-0.2	20.9
1205	1	0	2	-9	0.029	0.615	40.509	125.	125.	-0.1	4.3
1206	1	0	2	9	0.029	0.615	40.509	125.	125.	-0.1	4.3
1207	1	3	5	6	0.029	0.615	40.511	179.	179.	0.2	6.1
1208	1	14	2	-7	0.029	0.615	40.512	383.	384.	0.9	13.1
1209	1	3	7	0	0.029	0.615	40.529	120.	120.	-0.1	4.5
1210	1	14	3	-6	0.029	0.615	40.529	145.	145.	-0.2	5.5
1211	1	2	7	1	0.029	0.615	40.536	95.	95.	-0.4	4.0
1212	1	13	1	4	0.029	0.615	40.536	68.	67.	-0.3	2.8
1213	1	2	4	-8	0.029	0.615	40.539	145.	145.	-0.3	6.5
1214	1	3	7	-1	0.029	0.615	40.544	106.	106.	0.1	5.3
1215	1	15	0	-7	0.029	0.615	40.544	87.	87.	0.1	4.4
1216	1	10	3	5	0.029	0.615	40.586	47.	45.	-1.2	2.2
1217	1	6	4	-8	0.029	0.615	40.592	87.	87.	-0.3	3.6
1218	1	10	4	4	0.029	0.615	40.594	752.	754.	2.6	29.6
1219	1	9	5	-6	0.029	0.615	40.629	990.	991.	1.9	27.5
1220	1	9	6	0	0.029	0.615	40.633	707.	705.	-1.9	20.3
1221	1	10	1	6	0.029	0.615	40.640	76.	75.	-0.5	2.6
1222	1	9	2	-9	0.029	0.615	40.642	131.	130.	-0.8	4.8
1223	1	4	6	4	0.029	0.615	40.686	37.	37.	0.0	2.4
1224	1	6	6	3	0.029	0.615	40.691	94.	94.	0.1	5.3
1225	1	11	0	-9	0.029	0.615	40.692	63.	63.	0.1	3.5
1226	1	8	1	7	0.029	0.615	40.697	191.	191.	0.2	9.7
1227	1	3	5	-7	0.029	0.615	40.701	100.	100.	0.1	4.6
1228	1	4	5	-7	0.029	0.615	40.713	269.	270.	1.3	11.3
1229	1	1	7	-2	0.029	0.615	40.725	534.	533.	-1.4	22.3
1230	1	14	4	-4	0.029	0.615	40.752	536.	537.	0.5	28.5
1231	1	8	6	-4	0.030	0.615	40.765	47.	47.	-0.5	3.6
1232	1	9	6	-3	0.030	0.615	40.765	38.	38.	-0.4	2.9
1233	1	0	7	-2	0.030	0.615	40.798	48.	48.	0.2	5.9
1234	1	0	7	2	0.030	0.615	40.798	48.	48.	0.2	5.9
1235	1	2	7	-2	0.030	0.615	40.804	95.	95.	-0.3	12.2
1236	1	6	3	7	0.030	0.615	40.832	69.	70.	0.3	11.3
1237	1	2	5	-7	0.030	0.615	40.843	12.	12.	-0.3	1.9
1238	1	6	5	5	0.030	0.615	40.844	16.	16.	-0.3	2.4
1239	1	1	6	5	0.030	0.615	40.868	170.	172.	1.5	16.8
1240	1	5	5	-7	0.030	0.615	40.877	43.	42.	-0.4	3.6
1241	1	12	5	0	0.030	0.615	40.880	105.	104.	-0.9	8.5
1242	1	1	4	-8	0.030	0.615	40.909	659.	661.	1.8	35.4

1243	1	2	1	9	0.030	0.615	40.916	146.	144.	-1.6	8.8
1244	1	6	6	-5	0.030	0.615	40.925	14.	14.	-0.3	1.2
1245	1	15	1	-7	0.030	0.615	40.960	82.	82.	0.5	10.2
1246	1	8	5	4	0.030	0.615	40.983	143.	143.	0.3	11.3
1247	1	11	5	-5	0.030	0.615	40.983	278.	278.	0.3	22.0
1248	1	7	4	-8	0.030	0.615	40.987	33.	32.	-1.0	2.8
1249	1	3	7	1	0.030	0.615	40.993	1.	1.	-0.1	0.1
1250	1	4	7	-1	0.030	0.615	41.004	0.	0.	0.0	0.0

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
1251	1	3	3	8	0.030	0.615	41.006	0.	0.	0.0	0.0
1252	1	1	7	2	0.030	0.615	41.023	105.	106.	0.3	17.5
1253	1	3	7	-2	0.030	0.615	41.036	12.	11.	-0.3	2.1
1254	1	13	3	-7	0.030	0.615	41.049	0.	0.	0.0	0.0
1255	1	4	7	0	0.030	0.615	41.064	111.	111.	0.3	16.4
1256	1	11	1	-9	0.030	0.615	41.106	151.	152.	1.3	6.9
1257	1	12	5	-4	0.030	0.615	41.113	466.	467.	0.9	17.4
1258	1	14	4	0	0.030	0.615	41.116	391.	390.	-0.8	13.8
1259	1	4	3	-9	0.030	0.615	41.116	133.	132.	-0.3	4.7
1260	1	6	0	8	0.030	0.615	41.127	142.	141.	-0.5	5.2
1261	1	5	3	-9	0.030	0.615	41.130	214.	214.	-0.2	8.5
1262	1	1	5	-7	0.030	0.615	41.136	247.	246.	-0.5	11.4
1263	1	4	4	7	0.030	0.615	41.162	5.	5.	-0.1	0.4
1264	1	11	3	-8	0.030	0.615	41.188	67.	67.	-0.1	2.4
1265	1	6	5	-7	0.030	0.615	41.193	1152.	1154.	2.5	36.3
1266	1	13	3	3	0.030	0.615	41.212	1012.	1009.	-2.4	34.0
1267	1	3	3	-9	0.030	0.615	41.253	173.	173.	-0.6	16.1
1268	1	1	2	9	0.030	0.615	41.257	52.	53.	0.3	5.5
1269	1	14	3	2	0.030	0.615	41.257	35.	35.	0.2	3.7
1270	1	6	3	-9	0.030	0.615	41.297	0.	0.	0.0	0.0
1271	1	11	4	-7	0.030	0.615	41.332	307.	307.	0.5	23.0
1272	1	5	2	8	0.030	0.615	41.347	399.	399.	-0.3	23.8
1273	1	12	1	5	0.030	0.615	41.371	40.	39.	-0.6	2.7
1274	1	14	0	-8	0.030	0.615	41.386	322.	323.	1.6	18.1
1275	1	2	7	2	0.030	0.615	41.399	292.	291.	-1.1	14.7
1276	1	10	2	-9	0.030	0.615	41.417	147.	148.	0.2	8.3
1277	1	4	7	-2	0.030	0.615	41.419	57.	57.	0.0	3.2
1278	1	14	2	3	0.030	0.615	41.421	38.	38.	-0.1	2.2
1279	1	0	4	-8	0.030	0.615	41.427	9.	9.	-0.1	0.6
1280	1	0	4	8	0.030	0.615	41.427	9.	9.	-0.1	0.6
1281	1	2	6	5	0.030	0.615	41.466	582.	582.	-0.1	14.8
1282	1	8	6	2	0.030	0.615	41.482	2539.	2549.	9.8	43.3

1283	1	4	5	6	0.030	0.615	41.491	989.	980.	-9.0	16.8
1284	1	8	4	-8	0.030	0.615	41.530	419.	420.	0.9	5.6
1285	1	6	1	8	0.030	0.615	41.537	1691.	1692.	1.2	20.2
1286	1	7	6	-5	0.030	0.615	41.539	1150.	1151.	0.2	13.6
1287	1	9	6	1	0.030	0.615	41.540	1229.	1229.	-0.3	14.5
1288	1	10	6	-2	0.030	0.615	41.540	1707.	1706.	-0.5	20.2
1289	1	2	3	-9	0.030	0.615	41.540	518.	518.	-0.2	6.1
1290	1	3	0	9	0.030	0.615	41.550	760.	759.	-1.4	10.4
1291	1	10	6	-1	0.030	0.615	41.571	113.	114.	0.6	2.5
1292	1	0	5	-7	0.030	0.615	41.578	48.	48.	0.0	1.1
1293	1	0	5	7	0.030	0.615	41.578	48.	48.	0.0	1.1
1294	1	13	2	-8	0.030	0.615	41.579	481.	480.	-0.9	11.2
1295	1	4	7	1	0.030	0.615	41.597	357.	358.	0.3	7.6
1296	1	5	7	-1	0.030	0.615	41.611	1167.	1171.	3.9	21.0
1297	1	7	3	-9	0.030	0.615	41.613	228.	229.	0.5	4.1
1298	1	4	0	-10	0.030	0.615	41.614	113.	113.	0.2	2.0
1299	1	7	4	6	0.030	0.615	41.619	984.	981.	-2.7	17.4
1300	1	10	5	-6	0.030	0.615	41.626	631.	628.	-3.0	11.8

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
1301	1	12	3	4	0.030	0.615	41.642	415.	416.	1.7	10.1
1302	1	6	0	-10	0.030	0.615	41.646	412.	413.	0.6	10.9
1303	1	7	5	-7	0.030	0.615	41.657	288.	285.	-3.3	10.0
1304	1	9	4	5	0.030	0.615	41.660	66.	65.	-0.6	2.5
1305	1	5	6	4	0.030	0.615	41.666	153.	154.	1.4	7.1
1306	1	11	5	2	0.030	0.615	41.715	253.	253.	0.2	21.0
1307	1	5	7	0	0.030	0.615	41.744	255.	255.	0.2	19.8
1308	1	9	6	-4	0.030	0.616	41.755	45.	45.	-0.5	3.6
1309	1	13	2	4	0.030	0.616	41.773	111.	111.	0.4	8.1
1310	1	13	5	-2	0.030	0.616	41.792	403.	404.	0.3	20.2
1311	1	14	1	-8	0.030	0.616	41.795	165.	164.	-0.1	8.0
1312	1	13	4	-6	0.030	0.616	41.812	388.	388.	0.1	20.4
1313	1	1	7	-3	0.030	0.616	41.834	35.	34.	-0.8	2.2
1314	1	2	7	-3	0.030	0.616	41.839	77.	76.	-1.0	5.2
1315	1	14	4	-5	0.030	0.616	41.844	297.	298.	1.1	22.3
1316	1	10	2	6	0.030	0.616	41.875	0.	0.	0.0	0.0
1317	1	7	6	3	0.030	0.616	41.897	73.	73.	-0.1	7.1
1318	1	10	5	3	0.030	0.616	41.900	107.	107.	0.2	9.9
1319	1	3	7	2	0.030	0.616	41.922	186.	187.	0.5	11.3
1320	1	8	2	7	0.030	0.616	41.930	131.	131.	0.5	6.9
1321	1	13	4	2	0.030	0.616	41.941	140.	139.	-0.9	6.1
1322	1	5	7	-2	0.030	0.616	41.947	80.	79.	-0.7	3.0

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
1323	1	3	1	9	0.030	0.616	41.958	249.	251.	1.5	7.3
1324	1	5	1	-10	0.030	0.616	41.962	183.	185.	1.8	4.8
1325	1	12	4	3	0.030	0.616	41.972	750.	754.	3.2	16.1
1326	1	1	3	-9	0.030	0.616	41.976	339.	338.	-0.3	7.0
1327	1	10	6	-3	0.030	0.616	41.979	622.	620.	-2.2	12.8
1328	1	0	7	-3	0.030	0.616	41.979	288.	287.	-1.0	5.9
1329	1	0	7	3	0.030	0.616	41.979	288.	287.	-1.0	5.9
1330	1	3	7	-3	0.030	0.616	41.993	371.	370.	-1.1	9.1
1331	1	12	5	1	0.030	0.616	42.002	269.	269.	0.5	7.8
1332	1	13	5	-3	0.030	0.616	42.010	277.	278.	0.2	9.2
1333	1	4	1	-10	0.030	0.616	42.021	307.	306.	-0.9	12.4
1334	1	13	5	-1	0.030	0.616	42.042	26.	25.	-0.5	1.2
1335	1	9	3	6	0.030	0.616	42.047	103.	102.	-0.7	4.8
1336	1	6	1	-10	0.030	0.616	42.053	217.	219.	2.1	9.6
1337	1	10	6	0	0.030	0.616	42.070	598.	598.	0.2	23.2
1338	1	8	3	-9	0.030	0.616	42.076	154.	154.	-0.8	6.3
1339	1	9	0	7	0.030	0.616	42.087	54.	54.	-0.2	2.6
1340	1	1	4	8	0.030	0.616	42.089	123.	123.	-0.3	6.1
1341	1	4	3	8	0.030	0.616	42.123	781.	781.	0.6	33.8
1342	1	2	2	9	0.030	0.616	42.144	53.	53.	-0.6	2.6
1343	1	1	5	7	0.030	0.616	42.166	431.	430.	-0.1	15.0
1344	1	12	1	-9	0.030	0.616	42.173	448.	451.	2.9	13.7
1345	1	2	0	-10	0.030	0.616	42.180	338.	338.	0.1	9.8
1346	1	15	0	3	0.030	0.616	42.185	167.	166.	-0.9	4.8
1347	1	7	5	5	0.030	0.616	42.192	418.	415.	-2.8	12.7
1348	1	3	6	5	0.030	0.616	42.207	412.	415.	3.0	15.7
1349	1	9	4	-8	0.030	0.616	42.216	296.	294.	-2.0	14.1
1350	1	3	1	-10	0.030	0.616	42.228	8.	8.	-0.3	0.6
1351	1	8	5	-7	0.030	0.616	42.266	43.	42.	-0.6	2.4
1352	1	1	7	3	0.030	0.616	42.272	404.	405.	1.0	19.3
1353	1	8	0	-10	0.030	0.616	42.275	123.	124.	1.0	5.5
1354	1	7	1	-10	0.030	0.616	42.292	178.	179.	0.5	7.3
1355	1	8	6	-5	0.030	0.616	42.295	219.	218.	-0.7	9.0
1356	1	4	7	-3	0.030	0.616	42.296	170.	169.	-0.9	7.0
1357	1	7	3	7	0.030	0.616	42.326	173.	172.	-0.4	6.3
1358	1	12	3	-8	0.030	0.616	42.326	251.	250.	-0.4	9.2
1359	1	11	2	-9	0.030	0.616	42.330	287.	288.	1.1	10.2
1360	1	5	7	1	0.030	0.616	42.342	102.	102.	0.7	3.4
1361	1	12	5	-5	0.030	0.616	42.343	57.	57.	0.4	1.9
1362	1	5	4	7	0.030	0.616	42.351	53.	53.	0.1	1.6

1363	1	6	7	-1	0.030	0.616	42.359	230.	230.	-0.6	5.7
1364	1	3	6	-6	0.030	0.616	42.363	87.	86.	-0.3	1.9
1365	1	14	4	1	0.030	0.616	42.378	3477.	3477.	-0.5	63.8
1366	1	2	6	-6	0.030	0.616	42.428	691.	692.	0.4	27.3
1367	1	4	6	-6	0.030	0.616	42.447	103.	103.	-0.3	4.5
1368	1	14	0	4	0.030	0.616	42.456	61.	60.	-0.9	2.5
1369	1	11	4	4	0.030	0.616	42.471	829.	830.	1.2	30.3
1370	1	9	1	7	0.030	0.616	42.491	370.	369.	-0.8	17.1
1371	1	11	3	5	0.030	0.616	42.535	703.	705.	1.8	26.2
1372	1	12	4	-7	0.030	0.616	42.539	364.	363.	-1.0	13.2
1373	1	9	5	4	0.030	0.616	42.551	37.	37.	-0.5	1.5
1374	1	0	3	-9	0.030	0.616	42.556	27.	26.	-0.2	1.1
1375	1	0	3	9	0.030	0.616	42.556	27.	26.	-0.2	1.1
1376	1	14	3	-7	0.030	0.616	42.558	63.	63.	-0.1	2.8
1377	1	6	7	0	0.030	0.616	42.562	65.	65.	0.3	3.0
1378	1	2	1	-10	0.030	0.616	42.583	242.	243.	1.1	9.7
1379	1	4	7	2	0.030	0.616	42.587	313.	313.	0.2	12.2
1380	1	12	2	5	0.030	0.616	42.589	249.	249.	-0.3	9.7
1381	1	5	5	6	0.030	0.616	42.600	102.	101.	-1.3	4.1
1382	1	6	7	-2	0.030	0.616	42.619	435.	436.	1.4	17.8
1383	1	1	6	-6	0.030	0.616	42.640	726.	725.	-1.0	29.7
1384	1	11	1	6	0.030	0.616	42.660	45.	45.	-0.4	2.7
1385	1	8	1	-10	0.030	0.616	42.677	129.	129.	0.4	8.8
1386	1	5	6	-6	0.030	0.616	42.678	57.	57.	0.2	3.9
1387	1	9	3	-9	0.030	0.616	42.683	58.	58.	-0.3	4.1
1388	1	13	5	-4	0.030	0.616	42.689	10.	10.	-0.2	0.7
1389	1	2	7	3	0.030	0.616	42.711	60.	61.	0.8	3.8
1390	1	5	7	-3	0.030	0.616	42.744	494.	493.	-1.1	9.4
1391	1	6	2	8	0.030	0.616	42.751	1665.	1665.	-0.1	27.3
1392	1	11	5	-6	0.030	0.616	42.751	345.	345.	0.1	5.7
1393	1	13	5	0	0.030	0.616	42.753	2125.	2130.	4.8	34.5
1394	1	6	6	4	0.030	0.616	42.774	1111.	1107.	-4.6	28.0
1395	1	14	1	4	0.030	0.616	42.857	193.	194.	0.5	13.4
1396	1	10	6	-4	0.030	0.616	42.875	302.	303.	1.4	12.8
1397	1	2	4	8	0.030	0.616	42.890	293.	291.	-1.9	10.3
1398	1	9	6	2	0.030	0.616	42.892	439.	438.	-0.9	16.0
1399	1	2	5	7	0.030	0.616	42.893	542.	543.	0.9	20.3
1400	1	11	6	-2	0.030	0.616	42.955	64.	65.	0.3	8.3

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
1401	1	13	0	-9	0.030	0.616	42.967	39.	39.	-0.2	4.0
1402	1	0	6	-6	0.030	0.616	42.998	401.	402.	0.6	16.0

1403	1	0	6	6	0.030	0.616	42.998	401.	402.	0.6	16.0
1404	1	14	2	-8	0.030	0.616	43.002	173.	173.	-0.4	6.5
1405	1	9	5	-7	0.030	0.616	43.014	125.	125.	-0.5	4.9
1406	1	10	6	1	0.030	0.616	43.023	96.	96.	0.0	3.8
1407	1	10	4	-8	0.030	0.616	43.040	280.	281.	1.4	8.6
1408	1	6	6	-6	0.030	0.616	43.054	726.	726.	-0.2	17.6
1409	1	11	6	-1	0.030	0.616	43.056	1083.	1083.	-0.4	26.0
1410	1	1	1	-10	0.030	0.616	43.081	377.	376.	-0.6	12.6
1411	1	7	1	8	0.030	0.616	43.083	151.	151.	-0.3	5.2
1412	1	4	6	5	0.030	0.616	43.084	146.	146.	-0.3	5.1
1413	1	4	1	9	0.030	0.616	43.125	1300.	1300.	0.0	41.1
1414	1	3	2	9	0.030	0.616	43.161	107.	108.	0.8	3.8
1415	1	8	4	6	0.030	0.616	43.165	221.	221.	0.4	7.2
1416	1	5	2	-10	0.030	0.616	43.166	192.	192.	0.3	6.2
1417	1	9	6	-5	0.030	0.616	43.185	1260.	1259.	-1.2	32.3
1418	1	13	0	5	0.030	0.616	43.187	457.	457.	0.2	11.9
1419	1	9	1	-10	0.030	0.616	43.206	207.	207.	0.2	8.4
1420	1	8	6	3	0.030	0.616	43.222	13.	12.	-0.2	0.7
1421	1	6	7	1	0.030	0.616	43.223	15.	15.	-0.2	0.8
1422	1	4	2	-10	0.030	0.616	43.223	91.	90.	-0.9	4.9
1423	1	7	7	-1	0.030	0.616	43.243	383.	383.	0.8	24.2
1424	1	6	2	-10	0.030	0.616	43.254	7.	6.	-0.5	0.5
1425	1	1	3	9	0.030	0.616	43.275	2.	2.	-0.1	0.2
1426	1	3	7	3	0.030	0.616	43.292	261.	262.	1.2	15.7
1427	1	2	7	-4	0.030	0.616	43.310	307.	307.	-0.4	13.6
1428	1	11	6	-3	0.030	0.616	43.310	304.	303.	-0.4	13.4
1429	1	0	0	10	0.030	0.616	43.326	109.	109.	0.2	5.3
1430	1	6	7	-3	0.030	0.616	43.334	53.	53.	-0.1	2.7
1431	1	15	1	-8	0.030	0.616	43.357	60.	60.	-0.1	1.9
1432	1	5	3	8	0.030	0.616	43.361	439.	439.	0.8	12.8
1433	1	13	1	-9	0.030	0.616	43.364	108.	108.	0.4	2.9
1434	1	14	4	-6	0.030	0.616	43.371	422.	423.	1.1	10.0
1435	1	12	2	-9	0.030	0.616	43.372	146.	146.	0.3	3.4
1436	1	1	7	-4	0.030	0.616	43.377	1009.	1009.	-0.2	23.4
1437	1	3	7	-4	0.030	0.616	43.389	358.	356.	-1.5	9.8
1438	1	5	7	2	0.030	0.616	43.390	217.	216.	-0.9	6.0
1439	1	10	4	5	0.030	0.616	43.425	232.	233.	0.7	7.9
1440	1	3	2	-10	0.030	0.616	43.426	291.	291.	0.5	9.9
1441	1	7	7	-2	0.030	0.616	43.427	269.	269.	0.0	9.3
1442	1	10	3	-9	0.030	0.616	43.429	274.	274.	-0.7	9.7
1443	1	14	3	3	0.030	0.616	43.432	124.	123.	-0.8	4.7
1444	1	10	0	-10	0.030	0.616	43.481	416.	417.	0.6	17.8

1445	1	7	2	-10	0.030	0.616	43.488	425.	425.	0.7	17.2
1446	1	1	6	6	0.030	0.616	43.499	319.	317.	-1.4	15.4
1447	1	7	7	0	0.030	0.616	43.514	32.	32.	0.0	2.5
1448	1	12	5	2	0.030	0.616	43.555	558.	559.	0.1	34.1
1449	1	7	6	-6	0.030	0.616	43.573	10.	9.	-0.4	0.7
1450	1	13	1	5	0.030	0.616	43.582	21.	21.	-0.2	1.7

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
1451	1	13	3	-8	0.030	0.616	43.584	61.	61.	0.1	4.8
1452	1	0	7	-4	0.030	0.616	43.588	29.	30.	0.4	2.3
1453	1	0	7	4	0.030	0.616	43.588	29.	30.	0.4	2.3
1454	1	11	6	0	0.030	0.616	43.612	246.	246.	0.0	13.4
1455	1	4	7	-4	0.030	0.616	43.613	148.	148.	0.2	7.9
1456	1	14	5	-2	0.030	0.616	43.636	676.	676.	0.2	27.0
1457	1	8	5	5	0.030	0.616	43.651	200.	199.	-0.4	8.7
1458	1	6	4	7	0.030	0.616	43.658	203.	203.	-0.2	9.9
1459	1	11	5	3	0.030	0.616	43.660	112.	112.	-0.2	5.7
1460	1	9	2	7	0.030	0.616	43.683	236.	235.	-0.1	20.6
1461	1	0	1	-10	0.030	0.616	43.720	11.	11.	0.0	2.2
1462	1	0	1	10	0.030	0.616	43.720	11.	11.	0.0	2.2
1463	1	3	5	7	0.030	0.616	43.756	3.	3.	-0.1	0.3
1464	1	13	3	4	0.030	0.616	43.771	274.	275.	1.0	15.3
1465	1	2	2	-10	0.030	0.616	43.772	113.	113.	0.2	6.1
1466	1	14	5	-3	0.030	0.616	43.776	342.	341.	-1.0	17.4
1467	1	13	5	-5	0.031	0.616	43.813	405.	407.	2.5	15.4
1468	1	3	4	8	0.031	0.616	43.823	182.	181.	-0.9	5.6
1469	1	6	5	6	0.031	0.616	43.830	494.	492.	-2.1	13.6
1470	1	11	2	6	0.031	0.616	43.848	1250.	1253.	2.5	29.2
1471	1	13	4	-7	0.031	0.616	43.863	478.	477.	-1.0	12.4
1472	1	8	2	-10	0.031	0.616	43.865	207.	207.	-0.4	5.5
1473	1	10	3	6	0.031	0.616	43.869	32.	32.	-0.1	0.9
1474	1	10	1	-10	0.031	0.616	43.874	85.	85.	0.0	2.6
1475	1	10	5	-7	0.031	0.616	43.896	5.	5.	-0.1	0.1
1476	1	4	5	-8	0.031	0.616	43.903	3.	3.	-0.1	0.1
1477	1	13	5	1	0.031	0.616	43.906	58.	57.	-1.7	1.2
1478	1	8	3	7	0.031	0.616	43.922	3943.	3947.	4.6	51.9
1479	1	4	4	-9	0.031	0.616	43.927	603.	610.	6.3	7.5
1480	1	5	4	-9	0.031	0.616	43.941	1393.	1394.	0.7	17.2
1481	1	1	7	4	0.031	0.616	43.943	1845.	1839.	-6.0	23.4
1482	1	14	5	-1	0.031	0.616	43.948	415.	412.	-3.3	5.7
1483	1	3	5	-8	0.031	0.616	43.962	1050.	1050.	-0.3	20.3
1484	1	5	7	-4	0.031	0.616	43.980	79.	79.	-0.4	2.3

1485	1	5	5	-8	0.031	0.616	43.987	150.	149.	-0.6	5.0
1486	1	11	4	-8	0.031	0.616	43.996	186.	186.	0.1	7.3
1487	1	12	5	-6	0.031	0.616	43.996	106.	106.	0.1	4.2
1488	1	7	6	4	0.031	0.616	44.004	60.	60.	0.1	2.7
1489	1	4	7	3	0.031	0.616	44.011	29.	29.	-0.2	1.5
1490	1	13	4	3	0.031	0.616	44.018	22.	22.	-0.3	1.2
1491	1	5	0	9	0.031	0.616	44.022	9.	9.	-0.1	0.5
1492	1	14	2	4	0.031	0.616	44.040	251.	253.	1.3	10.9
1493	1	3	4	-9	0.031	0.616	44.057	86.	85.	-0.2	2.7
1494	1	14	4	2	0.031	0.616	44.061	624.	624.	-0.1	18.6
1495	1	7	7	-3	0.031	0.616	44.061	391.	391.	0.1	11.6
1496	1	5	6	5	0.031	0.616	44.090	1069.	1071.	2.6	32.2
1497	1	6	4	-9	0.031	0.616	44.098	253.	250.	-3.2	8.7
1498	1	11	6	-4	0.031	0.616	44.114	12.	12.	-0.3	0.6
1499	1	2	3	9	0.031	0.616	44.128	27.	27.	-0.4	1.5
1500	1	2	6	6	0.031	0.616	44.138	334.	336.	1.6	16.8

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
1501	1	2	5	-8	0.031	0.616	44.165	1028.	1027.	-0.8	38.3
1502	1	10	6	-5	0.031	0.616	44.205	81.	80.	-1.1	4.1
1503	1	6	5	-8	0.031	0.616	44.214	331.	332.	1.0	14.8
1504	1	10	5	4	0.031	0.616	44.217	217.	219.	1.1	9.6
1505	1	8	6	-6	0.031	0.616	44.230	112.	112.	-0.3	4.9
1506	1	7	7	1	0.031	0.616	44.232	70.	70.	-0.5	3.1
1507	1	8	7	-1	0.031	0.616	44.255	137.	135.	-1.6	4.8
1508	1	1	2	-10	0.031	0.616	44.260	238.	238.	-0.2	7.9
1509	1	7	2	8	0.031	0.616	44.262	629.	631.	2.2	20.7
1510	1	4	2	9	0.031	0.616	44.303	2515.	2520.	4.2	49.3
1511	1	11	3	-9	0.031	0.616	44.308	282.	279.	-2.9	5.4
1512	1	6	7	2	0.031	0.616	44.324	72.	71.	-1.5	1.7
1513	1	2	4	-9	0.031	0.616	44.329	567.	563.	-4.1	14.5
1514	1	8	0	8	0.031	0.616	44.340	368.	374.	5.7	10.8
1515	1	12	0	6	0.031	0.616	44.360	129.	129.	-0.8	4.0
1516	1	14	5	-4	0.031	0.616	44.364	225.	224.	-1.2	7.0
1517	1	8	7	-2	0.031	0.616	44.366	256.	255.	-0.8	8.1
1518	1	10	1	7	0.031	0.616	44.369	286.	286.	-0.1	9.2
1519	1	9	2	-10	0.031	0.616	44.382	400.	402.	1.3	15.9
1520	1	7	4	-9	0.031	0.616	44.398	50.	50.	-0.6	2.7
1521	1	10	6	2	0.031	0.616	44.408	50.	50.	-0.3	2.9
1522	1	5	1	9	0.031	0.616	44.411	60.	59.	-0.2	3.5
1523	1	12	4	4	0.031	0.616	44.426	239.	240.	1.2	13.8
1524	1	2	7	4	0.031	0.616	44.438	271.	270.	-0.9	17.2

1525	1	12	6	-2	0.031	0.616	44.475	199.	200.	1.0	14.8
1526	1	6	7	-4	0.031	0.616	44.487	74.	73.	-0.6	4.7
1527	1	1	1	10	0.031	0.616	44.494	44.	44.	-0.6	2.5
1528	1	1	5	-8	0.031	0.616	44.510	628.	630.	1.3	27.5
1529	1	13	2	-9	0.031	0.616	44.537	479.	478.	-0.9	17.2
1530	1	12	3	5	0.031	0.616	44.557	1064.	1064.	0.3	33.9
1531	1	7	5	-8	0.031	0.616	44.583	314.	313.	-0.6	13.9
1532	1	8	7	0	0.031	0.616	44.591	81.	81.	0.4	3.8
1533	1	11	6	1	0.031	0.616	44.609	360.	360.	0.0	18.7
1534	1	12	6	-1	0.031	0.616	44.644	543.	544.	0.9	21.4
1535	1	9	6	3	0.031	0.616	44.656	506.	505.	-0.8	18.1
1536	1	14	1	-9	0.031	0.616	44.671	271.	272.	0.7	11.6
1537	1	11	1	-10	0.031	0.616	44.676	173.	172.	-0.8	8.0
1538	1	14	5	0	0.031	0.616	44.703	82.	82.	-0.2	4.4
1539	1	6	3	8	0.031	0.616	44.714	172.	171.	-0.6	7.5
1540	1	8	1	8	0.031	0.616	44.727	746.	748.	2.4	25.5
1541	1	1	4	-9	0.031	0.616	44.743	267.	265.	-1.5	9.1
1542	1	12	1	6	0.031	0.616	44.747	118.	117.	-0.4	4.3
1543	1	4	5	7	0.031	0.616	44.747	221.	220.	-0.7	8.2
1544	1	13	2	5	0.031	0.616	44.751	116.	117.	0.1	4.8
1545	1	12	6	-3	0.031	0.616	44.752	227.	227.	0.8	9.7
1546	1	9	4	6	0.031	0.616	44.810	540.	540.	0.0	32.9
1547	1	8	4	-9	0.031	0.616	44.838	235.	235.	0.1	18.9
1548	1	5	7	3	0.031	0.616	44.862	55.	55.	-0.3	5.1
1549	1	4	4	8	0.031	0.616	44.882	209.	209.	0.3	16.4
1550	1	0	2	-10	0.031	0.616	44.885	104.	104.	-0.1	8.4

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
1551	1	0	2	10	0.031	0.616	44.885	104.	104.	-0.1	8.4
1552	1	11	5	-7	0.031	0.616	44.906	3.	3.	-0.1	0.4
1553	1	3	6	6	0.031	0.616	44.913	0.	0.	0.0	0.1
1554	1	8	7	-3	0.031	0.616	44.921	0.	0.	0.0	0.0
1555	1	14	3	-8	0.031	0.616	44.956	717.	717.	0.5	38.9
1556	1	0	5	-8	0.031	0.617	44.995	228.	228.	0.1	10.2
1557	1	0	5	8	0.031	0.617	44.995	228.	228.	0.1	10.2
1558	1	2	0	10	0.031	0.617	45.015	210.	209.	-0.6	6.9
1559	1	9	6	-6	0.031	0.617	45.022	929.	930.	1.2	30.3
1560	1	10	2	-10	0.031	0.617	45.036	226.	225.	-1.3	9.3
1561	1	3	7	4	0.031	0.617	45.071	175.	175.	0.5	7.3
1562	1	7	4	7	0.031	0.617	45.076	148.	148.	0.1	5.9
1563	1	12	4	-8	0.031	0.617	45.076	476.	476.	0.2	19.1
1564	1	3	6	-7	0.031	0.617	45.088	75.	75.	-0.4	3.2

1565	1	8	5	-8	0.031	0.617	45.091	76.	76.	-0.3	3.4
1566	1	4	6	-7	0.031	0.617	45.099	74.	74.	-0.1	3.5
1567	1	3	3	9	0.031	0.617	45.110	147.	147.	0.3	7.3
1568	1	5	3	-10	0.031	0.617	45.114	121.	121.	0.1	6.0
1569	1	7	7	-4	0.031	0.617	45.131	386.	386.	-0.4	20.1
1570	1	4	3	-10	0.031	0.617	45.169	374.	376.	2.0	13.1
1571	1	7	5	6	0.031	0.617	45.175	473.	473.	0.2	14.8
1572	1	2	7	-5	0.031	0.617	45.184	353.	351.	-1.7	10.1
1573	1	3	7	-5	0.031	0.617	45.192	454.	454.	-0.4	13.7
1574	1	6	3	-10	0.031	0.617	45.200	378.	378.	0.8	12.9
1575	1	9	5	5	0.031	0.617	45.213	54.	53.	-0.3	2.5
1576	1	2	6	-7	0.031	0.617	45.218	70.	70.	-0.5	3.6
1577	1	6	6	5	0.031	0.617	45.219	40.	40.	-0.3	2.1
1578	1	12	0	-10	0.031	0.617	45.226	78.	78.	0.1	4.4
1579	1	5	6	-7	0.031	0.617	45.250	243.	244.	0.6	13.7
1580	1	12	6	0	0.031	0.617	45.253	198.	197.	-0.3	11.2
1581	1	11	4	5	0.031	0.617	45.275	117.	116.	-0.7	7.2
1582	1	0	4	-9	0.031	0.617	45.294	119.	120.	0.5	6.7
1583	1	0	4	9	0.031	0.617	45.294	119.	120.	0.5	6.6
1584	1	14	4	-7	0.031	0.617	45.297	172.	172.	-0.1	9.5
1585	1	12	3	-9	0.031	0.617	45.313	34.	34.	-0.3	1.9
1586	1	1	7	-5	0.031	0.617	45.317	29.	29.	-0.2	1.5
1587	1	4	7	-5	0.031	0.617	45.340	228.	227.	-1.2	6.7
1588	1	8	6	4	0.031	0.617	45.347	790.	792.	2.1	20.2
1589	1	11	6	-5	0.031	0.617	45.347	523.	524.	1.5	13.4
1590	1	13	5	-6	0.031	0.617	45.355	410.	410.	0.1	10.2
1591	1	8	7	1	0.031	0.617	45.365	96.	95.	-1.0	2.6
1592	1	3	3	-10	0.031	0.617	45.365	126.	125.	-1.3	3.4
1593	1	7	7	2	0.031	0.617	45.383	204.	204.	0.2	6.0
1594	1	14	5	-5	0.031	0.617	45.386	266.	267.	0.5	8.0
1595	1	9	7	-1	0.031	0.617	45.390	356.	357.	0.3	10.9
1596	1	2	1	10	0.031	0.617	45.397	335.	333.	-1.4	10.8
1597	1	9	4	-9	0.031	0.617	45.416	377.	378.	1.3	16.5
1598	1	7	3	-10	0.031	0.617	45.425	73.	72.	-0.9	3.8
1599	1	9	7	-2	0.031	0.617	45.431	19.	18.	-0.5	1.1
1600	1	12	6	-4	0.031	0.617	45.467	539.	540.	0.9	18.4

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
1601	1	13	5	2	0.031	0.617	45.476	693.	695.	1.6	20.7
1602	1	1	6	-7	0.031	0.617	45.489	659.	657.	-2.5	22.1
1603	1	12	5	3	0.031	0.617	45.505	93.	93.	0.0	4.9
1604	1	10	2	7	0.031	0.617	45.521	110.	110.	0.2	8.0

1605	1	6	6	-7	0.031	0.617	45.541	66.	66.	-0.3	4.4
1606	1	5	2	9	0.031	0.617	45.563	860.	861.	0.2	41.1
1607	1	0	7	-5	0.031	0.617	45.590	5.	5.	-0.1	0.5
1608	1	0	7	5	0.031	0.617	45.590	5.	5.	-0.1	0.5
1609	1	12	1	-10	0.031	0.617	45.607	156.	156.	0.5	16.6
1610	1	9	3	7	0.031	0.617	45.613	9.	9.	-0.2	1.0
1611	1	1	5	8	0.031	0.617	45.615	6.	6.	-0.2	0.7
1612	1	5	7	-5	0.031	0.617	45.627	0.	0.	0.0	0.0
1613	1	1	2	10	0.031	0.617	45.643	232.	232.	0.3	23.7
1614	1	2	3	-10	0.031	0.617	45.700	917.	917.	-0.7	34.4
1615	1	15	0	-9	0.031	0.617	45.710	580.	582.	1.6	21.5
1616	1	9	5	-8	0.031	0.617	45.734	136.	134.	-1.4	9.9
1617	1	11	3	6	0.031	0.617	45.773	113.	113.	0.8	10.1
1618	1	9	7	0	0.031	0.617	45.788	17.	16.	-0.2	1.1
1619	1	8	3	-10	0.031	0.617	45.790	14.	14.	-0.1	0.9
1620	1	6	1	9	0.031	0.617	45.807	106.	106.	-0.3	4.0
1621	1	4	6	6	0.031	0.617	45.816	667.	667.	0.6	19.2
1622	1	14	2	-9	0.031	0.617	45.818	59.	59.	0.1	1.6
1623	1	11	2	-10	0.031	0.617	45.823	89.	89.	0.2	2.3
1624	1	0	8	0	0.031	0.617	45.823	617.	619.	1.3	15.9
1625	1	4	7	4	0.031	0.617	45.835	492.	492.	-0.3	13.1
1626	1	6	7	3	0.031	0.617	45.840	183.	183.	-0.6	5.1
1627	1	14	1	5	0.031	0.617	45.846	90.	90.	-0.5	2.7
1628	1	5	5	7	0.031	0.617	45.861	35.	35.	-0.3	1.1
1629	1	8	2	8	0.031	0.617	45.872	215.	214.	-1.1	5.2
1630	1	14	5	1	0.031	0.617	45.886	1069.	1073.	3.4	18.7
1631	1	12	2	6	0.031	0.617	45.892	609.	610.	1.4	10.1
1632	1	1	8	0	0.031	0.617	45.893	1171.	1173.	1.7	19.5
1633	1	0	6	-7	0.031	0.617	45.897	503.	502.	-1.1	8.6
1634	1	0	6	7	0.031	0.617	45.897	503.	501.	-1.1	8.6
1635	1	8	7	-4	0.031	0.617	45.907	231.	229.	-2.1	4.8
1636	1	9	7	-3	0.031	0.617	45.907	173.	172.	-1.6	3.7
1637	1	10	6	-6	0.031	0.617	45.941	292.	293.	0.6	9.3
1638	1	5	0	-11	0.031	0.617	45.944	313.	313.	0.5	9.9
1639	1	11	0	7	0.031	0.617	45.948	229.	229.	0.1	7.2
1640	1	14	3	4	0.031	0.617	45.959	124.	122.	-1.1	4.0
1641	1	7	6	-7	0.031	0.617	45.970	211.	210.	-0.9	7.1
1642	1	11	5	4	0.031	0.617	45.973	156.	156.	-0.2	5.4
1643	1	1	4	9	0.031	0.617	45.979	408.	409.	1.4	14.8
1644	1	1	7	5	0.031	0.617	46.001	204.	204.	-0.6	9.0
1645	1	11	6	2	0.031	0.617	46.024	358.	359.	1.6	12.4
1646	1	12	5	-7	0.031	0.617	46.037	187.	187.	0.5	5.0

1647	1	0	8	-1	0.031	0.617	46.040	187.	187.	0.1	4.8
1648	1	0	8	1	0.031	0.617	46.040	187.	187.	0.1	4.8
1649	1	1	8	-1	0.031	0.617	46.042	378.	378.	0.0	9.7
1650	1	6	7	-5	0.031	0.617	46.053	532.	531.	-1.5	13.6

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
1651	1	5	4	8	0.031	0.617	46.061	664.	663.	-0.6	19.2
1652	1	15	1	-9	0.031	0.617	46.088	185.	185.	0.4	8.4
1653	1	13	6	-2	0.031	0.617	46.095	48.	48.	-0.1	2.2
1654	1	2	8	0	0.031	0.617	46.101	56.	56.	-0.4	2.5
1655	1	7	0	-11	0.031	0.617	46.116	51.	51.	0.1	1.7
1656	1	10	4	-9	0.031	0.617	46.126	171.	171.	0.0	4.8
1657	1	14	4	3	0.031	0.617	46.129	1317.	1317.	0.5	35.4
1658	1	1	3	-10	0.031	0.617	46.172	1633.	1639.	5.7	33.4
1659	1	7	3	8	0.031	0.617	46.173	833.	832.	-1.6	17.1
1660	1	1	8	1	0.031	0.617	46.178	228.	225.	-3.2	4.8
1661	1	2	8	-1	0.031	0.617	46.182	61.	59.	-1.6	1.4
1662	1	10	6	3	0.031	0.617	46.194	1.	1.	-0.1	0.0
1663	1	4	3	9	0.031	0.617	46.214	645.	645.	0.7	25.2
1664	1	13	4	-8	0.031	0.617	46.274	1890.	1891.	0.6	46.2
1665	1	12	6	1	0.031	0.617	46.289	62.	61.	-0.9	1.6
1666	1	9	3	-10	0.031	0.617	46.290	150.	148.	-1.6	3.9
1667	1	13	6	-3	0.031	0.617	46.296	189.	191.	2.8	5.2
1668	1	5	1	-11	0.031	0.617	46.321	247.	247.	0.9	5.8
1669	1	11	1	7	0.031	0.617	46.324	550.	549.	-0.6	12.5
1670	1	13	6	-1	0.031	0.617	46.326	687.	685.	-1.9	15.6
1671	1	3	0	-11	0.031	0.617	46.327	133.	132.	-0.4	3.0
1672	1	6	1	-11	0.031	0.617	46.337	837.	838.	1.1	21.8
1673	1	2	5	8	0.031	0.617	46.367	309.	308.	-0.9	18.1
1674	1	3	1	10	0.031	0.617	46.425	151.	153.	1.3	9.3
1675	1	13	3	-9	0.031	0.617	46.440	62.	62.	-0.1	2.4
1676	1	1	6	7	0.031	0.617	46.440	193.	192.	-0.3	7.4
1677	1	4	1	-11	0.031	0.617	46.442	70.	70.	-0.1	2.6
1678	1	3	8	0	0.031	0.617	46.447	291.	291.	-0.2	10.0
1679	1	2	8	1	0.031	0.617	46.452	315.	316.	0.3	10.6
1680	1	13	4	4	0.031	0.617	46.452	155.	155.	0.2	5.2
1681	1	3	8	-1	0.031	0.617	46.460	242.	242.	0.0	9.0
1682	1	9	1	8	0.031	0.617	46.462	139.	139.	-0.2	5.5
1683	1	7	6	5	0.031	0.617	46.465	100.	99.	-0.4	4.2
1684	1	7	1	-11	0.031	0.617	46.491	122.	122.	-0.7	9.8
1685	1	10	5	-8	0.031	0.617	46.508	132.	133.	0.7	12.4
1686	1	2	2	10	0.031	0.617	46.530	20.	20.	-0.3	1.8

1687	1	8	6	-7	0.031	0.617	46.533	25.	25.	-0.2	2.1
1688	1	2	7	5	0.031	0.617	46.546	187.	187.	0.3	12.7
1689	1	10	4	6	0.031	0.617	46.546	161.	161.	0.3	10.9
1690	1	8	7	2	0.031	0.617	46.560	186.	185.	-0.5	14.3
1691	1	8	4	7	0.031	0.617	46.597	111.	111.	0.4	9.2
1692	1	12	6	-5	0.031	0.617	46.605	92.	92.	0.6	6.5
1693	1	7	7	-5	0.031	0.617	46.612	58.	58.	-0.2	3.7
1694	1	9	7	1	0.031	0.617	46.613	65.	65.	-0.3	4.1
1695	1	10	7	-2	0.031	0.617	46.613	63.	62.	-0.3	3.9
1696	1	1	8	-2	0.031	0.617	46.622	100.	100.	-0.3	6.2
1697	1	8	5	6	0.031	0.617	46.626	166.	167.	0.4	10.6
1698	1	10	7	-1	0.031	0.617	46.641	155.	156.	0.4	13.0
1699	1	13	3	5	0.031	0.617	46.647	30.	30.	-0.4	2.8
1700	1	13	1	-10	0.031	0.617	46.661	36.	36.	-0.4	4.7

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
1701	1	0	8	-2	0.031	0.617	46.688	49.	50.	0.3	6.8
1702	1	0	8	2	0.031	0.617	46.688	49.	50.	0.3	6.8
1703	1	2	8	-2	0.031	0.617	46.694	22.	22.	-0.3	3.0
1704	1	3	1	-11	0.031	0.617	46.701	10.	10.	-0.1	1.3
1705	1	5	7	4	0.031	0.617	46.728	81.	79.	-1.2	6.7
1706	1	12	2	-10	0.031	0.617	46.736	248.	249.	1.9	17.6
1707	1	0	3	-10	0.032	0.617	46.777	683.	684.	1.1	18.9
1708	1	0	3	10	0.032	0.617	46.777	682.	683.	1.1	18.9
1709	1	8	1	-11	0.032	0.617	46.782	199.	198.	-1.4	5.2
1710	1	2	4	9	0.032	0.617	46.794	497.	496.	-1.2	14.1
1711	1	9	6	4	0.032	0.617	46.797	125.	125.	0.0	3.7
1712	1	9	7	-4	0.032	0.617	46.810	179.	179.	-0.1	6.7
1713	1	14	5	-6	0.032	0.617	46.820	269.	270.	0.3	12.0
1714	1	9	0	-11	0.032	0.617	46.837	98.	98.	0.0	5.1
1715	1	5	6	6	0.032	0.617	46.843	60.	60.	-0.2	3.1
1716	1	3	8	1	0.032	0.617	46.863	223.	223.	-0.7	8.8
1717	1	10	5	5	0.032	0.617	46.870	322.	322.	0.4	11.9
1718	1	4	8	-1	0.032	0.617	46.873	517.	518.	0.7	19.2
1719	1	1	8	2	0.032	0.617	46.890	129.	128.	-0.4	6.4
1720	1	13	1	6	0.032	0.617	46.896	55.	55.	-0.1	3.1
1721	1	3	8	-2	0.032	0.617	46.902	44.	44.	0.1	2.6
1722	1	10	3	-10	0.032	0.617	46.923	69.	69.	-0.4	3.9
1723	1	13	6	-4	0.032	0.617	46.926	45.	45.	-0.2	2.5
1724	1	4	8	0	0.032	0.617	46.927	66.	66.	-0.2	3.6
1725	1	6	2	9	0.032	0.617	46.932	129.	129.	0.0	6.9
1726	1	7	0	9	0.032	0.617	46.937	114.	114.	0.2	6.2

1727	1	7	7	3	0.032	0.617	46.939	253.	253.	0.4	14.1
1728	1	11	4	-9	0.032	0.617	46.965	31.	31.	-0.3	2.5
1729	1	14	2	5	0.032	0.617	46.970	62.	62.	0.0	5.0
1730	1	11	6	-6	0.032	0.617	46.983	39.	39.	0.3	2.8
1731	1	13	6	0	0.032	0.617	46.985	108.	108.	0.5	7.5
1732	1	10	7	-3	0.032	0.617	47.014	1177.	1176.	-0.7	49.2
1733	1	6	5	7	0.032	0.617	47.090	365.	367.	1.9	27.4
1734	1	2	1	-11	0.032	0.617	47.096	59.	58.	-1.5	4.3
1735	1	10	7	0	0.032	0.617	47.097	20.	19.	-0.6	1.4
1736	1	2	6	7	0.032	0.617	47.115	152.	152.	0.3	15.6
1737	1	4	0	10	0.032	0.617	47.203	785.	788.	3.1	24.7
1738	1	12	4	5	0.032	0.617	47.203	593.	594.	0.9	18.5
1739	1	9	1	-11	0.032	0.617	47.208	246.	243.	-3.1	7.1
1740	1	3	7	5	0.032	0.617	47.223	70.	70.	-0.5	2.0
1741	1	9	6	-7	0.032	0.617	47.228	191.	191.	0.2	5.5
1742	1	2	8	2	0.032	0.617	47.228	121.	121.	0.3	3.5
1743	1	3	5	8	0.032	0.617	47.246	481.	481.	0.3	14.6
1744	1	4	8	-2	0.032	0.617	47.246	497.	497.	0.2	15.1
1745	1	1	0	-11	0.032	0.617	47.254	286.	284.	-1.2	10.1
1746	1	13	5	-7	0.032	0.617	47.284	138.	138.	-0.3	8.4
1747	1	8	7	-5	0.032	0.617	47.303	233.	233.	0.3	14.6
1748	1	7	1	9	0.032	0.617	47.307	165.	165.	-0.3	10.9
1749	1	4	5	-9	0.032	0.617	47.343	58.	58.	-0.1	4.7
1750	1	6	4	8	0.032	0.617	47.353	90.	89.	-0.4	6.2

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
1751	1	5	5	-9	0.032	0.617	47.357	88.	88.	-0.1	5.8
1752	1	3	7	-6	0.032	0.617	47.366	205.	206.	1.3	12.3
1753	1	10	3	7	0.032	0.617	47.393	142.	141.	-1.7	5.4
1754	1	4	8	1	0.032	0.617	47.406	706.	709.	2.2	20.0
1755	1	11	5	-8	0.032	0.617	47.408	510.	512.	2.1	14.1
1756	1	5	8	-1	0.032	0.617	47.420	294.	293.	-1.1	8.0
1757	1	2	7	-6	0.032	0.617	47.425	200.	199.	-1.6	5.7
1758	1	13	5	3	0.032	0.617	47.429	66.	66.	-0.4	2.0
1759	1	5	3	9	0.032	0.617	47.433	93.	93.	-0.3	3.0
1760	1	5	2	-11	0.032	0.617	47.436	163.	163.	0.1	5.4
1761	1	11	2	7	0.032	0.617	47.439	66.	66.	0.2	2.3
1762	1	4	7	-6	0.032	0.617	47.442	83.	84.	0.3	3.0
1763	1	6	2	-11	0.032	0.617	47.452	93.	92.	-0.4	3.6
1764	1	14	0	-10	0.032	0.617	47.464	66.	65.	-0.4	2.7
1765	1	3	5	-9	0.032	0.617	47.466	100.	100.	-0.4	4.1
1766	1	14	5	2	0.032	0.617	47.470	295.	295.	0.6	12.4

1767	1	6	5	-9	0.032	0.617	47.505	484.	486.	1.9	14.3
1768	1	1	3	10	0.032	0.617	47.512	399.	399.	-0.1	10.2
1769	1	3	2	10	0.032	0.617	47.539	1667.	1668.	0.6	25.8
1770	1	5	8	0	0.032	0.617	47.539	1932.	1932.	0.3	29.8
1771	1	4	2	-11	0.032	0.617	47.556	1011.	1009.	-2.2	18.1
1772	1	4	1	10	0.032	0.617	47.572	301.	301.	-0.2	7.4
1773	1	9	2	8	0.032	0.617	47.575	85.	85.	0.0	2.2
1774	1	14	4	-8	0.032	0.617	47.585	281.	282.	0.8	8.1
1775	1	7	2	-11	0.032	0.617	47.603	97.	97.	-0.1	2.5
1776	1	1	7	-6	0.032	0.617	47.619	445.	443.	-2.3	9.0
1777	1	1	8	-3	0.032	0.617	47.621	679.	677.	-2.2	13.6
1778	1	1	1	-11	0.032	0.617	47.623	290.	290.	-0.1	5.8
1779	1	2	8	-3	0.032	0.617	47.625	1341.	1346.	4.8	27.5
1780	1	5	7	-6	0.032	0.617	47.654	249.	248.	-1.3	9.7
1781	1	14	3	-9	0.032	0.617	47.681	83.	82.	-0.6	3.8
1782	1	11	3	-10	0.032	0.617	47.685	135.	135.	0.1	6.0
1783	1	3	8	2	0.032	0.617	47.700	140.	142.	1.1	5.3
1784	1	5	8	-2	0.032	0.617	47.723	296.	297.	1.0	6.2
1785	1	2	5	-9	0.032	0.617	47.724	84.	84.	0.3	1.7
1786	1	12	6	2	0.032	0.617	47.731	713.	714.	1.1	11.9
1787	1	3	4	9	0.032	0.617	47.732	263.	263.	0.3	4.3
1788	1	8	3	8	0.032	0.617	47.734	662.	663.	0.8	10.6
1789	1	5	4	-10	0.032	0.617	47.736	95.	95.	0.1	1.4
1790	1	6	7	4	0.032	0.617	47.742	959.	959.	0.0	13.4
1791	1	0	8	-3	0.032	0.617	47.751	655.	655.	-0.1	8.8
1792	1	0	8	3	0.032	0.617	47.751	655.	655.	-0.1	8.8
1793	1	12	3	6	0.032	0.617	47.752	755.	755.	-0.2	10.1
1794	1	3	8	-3	0.032	0.617	47.764	996.	994.	-1.0	14.7
1795	1	10	1	-11	0.032	0.617	47.766	465.	464.	-0.5	7.0
1796	1	13	2	-10	0.032	0.617	47.770	672.	671.	-0.7	10.9
1797	1	7	5	-9	0.032	0.617	47.789	223.	222.	-0.6	4.7
1798	1	4	4	-10	0.032	0.617	47.789	209.	208.	-0.6	4.5
1799	1	15	0	5	0.032	0.617	47.795	63.	63.	-0.1	1.4
1800	1	14	6	-2	0.032	0.617	47.806	163.	163.	0.0	3.5

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
1801	1	3	2	-11	0.032	0.617	47.810	129.	129.	0.0	2.7
1802	1	12	5	4	0.032	0.617	47.814	322.	322.	0.1	6.5
1803	1	6	4	-10	0.032	0.617	47.818	205.	205.	0.2	4.1
1804	1	8	6	5	0.032	0.617	47.820	517.	517.	0.7	10.2
1805	1	11	6	3	0.032	0.617	47.828	484.	484.	0.6	9.7
1806	1	14	1	-10	0.032	0.617	47.832	354.	354.	0.1	7.3

1807	1	10	7	-4	0.032	0.617	47.835	652.	651.	-0.9	13.9
1808	1	9	7	2	0.032	0.617	47.851	251.	249.	-1.4	7.1
1809	1	8	2	-11	0.032	0.617	47.889	1521.	1523.	2.6	35.3
1810	1	11	7	-2	0.032	0.617	47.908	416.	414.	-2.1	8.9
1811	1	3	6	7	0.032	0.617	47.918	357.	357.	-0.2	7.7
1812	1	10	0	8	0.032	0.617	47.919	109.	109.	0.0	2.3
1813	1	12	4	-9	0.032	0.617	47.927	851.	852.	1.2	18.6
1814	1	14	6	-3	0.032	0.617	47.936	338.	338.	-0.1	7.8
1815	1	0	7	-6	0.032	0.617	47.948	105.	104.	-0.8	2.5
1816	1	0	7	6	0.032	0.617	47.948	105.	104.	-0.8	2.5
1817	1	10	7	1	0.032	0.617	47.971	720.	722.	2.2	13.8
1818	1	13	6	-5	0.032	0.617	47.971	260.	260.	0.8	5.0
1819	1	3	4	-10	0.032	0.617	47.977	201.	202.	0.8	3.5
1820	1	6	6	6	0.032	0.617	47.987	947.	949.	1.7	13.7
1821	1	6	7	-6	0.032	0.617	47.999	1095.	1094.	-1.5	13.9
1822	1	11	7	-1	0.032	0.617	48.001	1550.	1548.	-1.8	19.5
1823	1	13	2	6	0.032	0.617	48.002	874.	874.	-1.0	11.0
1824	1	1	8	3	0.032	0.617	48.016	1852.	1857.	5.1	25.6
1825	1	4	7	5	0.032	0.617	48.027	442.	441.	-0.9	7.2
1826	1	7	4	-10	0.032	0.617	48.034	706.	701.	-5.3	13.4
1827	1	4	8	-3	0.032	0.617	48.038	81.	80.	-0.7	1.7
1828	1	10	6	-7	0.032	0.617	48.049	130.	130.	-0.3	3.4
1829	1	4	6	-8	0.032	0.617	48.055	135.	135.	0.6	3.9
1830	1	13	6	1	0.032	0.617	48.058	142.	143.	1.0	4.3
1831	1	5	8	1	0.032	0.617	48.080	339.	339.	0.0	10.8
1832	1	11	0	-11	0.032	0.617	48.089	204.	204.	-0.4	6.4
1833	1	6	8	-1	0.032	0.617	48.096	238.	238.	-0.1	7.6
1834	1	14	6	-1	0.032	0.617	48.097	221.	221.	0.1	7.1
1835	1	3	6	-8	0.032	0.617	48.110	137.	137.	0.4	4.8
1836	1	1	5	-9	0.032	0.617	48.114	99.	99.	0.1	3.5
1837	1	9	7	-5	0.032	0.617	48.120	67.	67.	-0.2	2.4
1838	1	5	6	-8	0.032	0.617	48.133	90.	89.	-0.7	2.9
1839	1	12	6	-6	0.032	0.617	48.142	321.	321.	-0.4	9.4
1840	1	8	7	3	0.032	0.617	48.153	837.	839.	2.6	21.8
1841	1	9	5	6	0.032	0.617	48.178	919.	916.	-3.6	19.4
1842	1	2	2	-11	0.032	0.617	48.197	1180.	1186.	6.9	20.2
1843	1	8	5	-9	0.032	0.617	48.205	1093.	1094.	0.9	17.9
1844	1	9	4	7	0.032	0.617	48.215	989.	983.	-6.1	16.3
1845	1	11	7	-3	0.032	0.618	48.235	947.	947.	0.2	16.3
1846	1	4	5	8	0.032	0.618	48.246	1561.	1562.	1.2	27.5
1847	1	6	8	0	0.032	0.618	48.279	1125.	1125.	-0.2	19.1
1848	1	0	1	-11	0.032	0.618	48.279	414.	414.	-0.1	7.0

1849	1	0	1	11	0.032	0.618	48.279	414.	414.	-0.1	7.0
1850	1	10	1	8	0.032	0.618	48.284	707.	707.	-0.1	12.1

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
1851	1	2	4	-10	0.032	0.618	48.298	354.	353.	-0.3	7.2
1852	1	2	6	-8	0.032	0.618	48.300	361.	361.	-0.3	7.7
1853	1	4	8	2	0.032	0.618	48.302	160.	160.	-0.1	3.6
1854	1	9	2	-11	0.032	0.618	48.307	219.	219.	0.1	5.4
1855	1	6	8	-2	0.032	0.618	48.331	180.	178.	-1.2	5.4
1856	1	6	6	-8	0.032	0.618	48.346	568.	569.	1.5	16.7
1857	1	10	6	4	0.032	0.618	48.348	361.	361.	0.2	10.7
1858	1	12	1	7	0.032	0.618	48.351	195.	194.	-0.8	5.9
1859	1	11	4	6	0.032	0.618	48.368	42.	42.	-0.4	1.6
1860	1	2	3	10	0.032	0.618	48.372	74.	73.	-0.5	2.9
1861	1	8	4	-10	0.032	0.618	48.384	217.	218.	0.7	8.4
1862	1	7	2	9	0.032	0.618	48.405	506.	506.	0.0	15.4
1863	1	1	7	6	0.032	0.618	48.408	465.	466.	0.3	14.1
1864	1	2	8	3	0.032	0.618	48.414	324.	325.	0.5	10.1
1865	1	7	5	7	0.032	0.618	48.429	44.	44.	-0.5	1.6
1866	1	12	5	-8	0.032	0.618	48.429	49.	49.	-0.6	1.8
1867	1	5	8	-3	0.032	0.618	48.444	97.	96.	-1.4	3.8
1868	1	11	1	-11	0.032	0.618	48.452	542.	544.	2.3	20.8
1869	1	7	7	-6	0.032	0.618	48.477	509.	510.	0.7	19.2
1870	1	14	6	-4	0.032	0.618	48.485	265.	264.	-1.6	10.5
1871	1	11	7	0	0.032	0.618	48.513	560.	560.	-0.1	28.6
1872	1	14	4	4	0.032	0.618	48.546	88.	88.	0.0	7.4
1873	1	12	3	-10	0.032	0.618	48.572	349.	349.	0.1	23.9
1874	1	11	5	5	0.032	0.618	48.618	618.	619.	0.8	22.3
1875	1	1	6	-8	0.032	0.618	48.622	374.	374.	0.0	12.5
1876	1	0	5	-9	0.032	0.618	48.636	158.	158.	-0.1	5.4
1877	1	0	5	9	0.032	0.618	48.636	158.	158.	-0.1	5.4
1878	1	14	5	-7	0.032	0.618	48.639	272.	271.	-0.4	9.5
1879	1	4	2	10	0.032	0.618	48.665	381.	381.	0.2	16.5
1880	1	7	6	-8	0.032	0.618	48.690	503.	502.	0.0	18.4
1881	1	1	0	11	0.032	0.618	48.702	350.	351.	0.7	12.4
1882	1	1	2	-11	0.032	0.618	48.715	518.	517.	-1.1	20.9
1883	1	14	0	6	0.032	0.618	48.746	46.	46.	0.5	2.7
1884	1	1	4	-10	0.032	0.618	48.750	116.	116.	0.1	7.1
1885	1	9	5	-9	0.032	0.618	48.751	147.	147.	-0.2	9.0
1886	1	7	4	8	0.032	0.618	48.752	33.	33.	-0.1	2.0
1887	1	6	3	9	0.032	0.618	48.762	8.	8.	-0.1	0.5
1888	1	4	4	9	0.032	0.618	48.790	47.	46.	-0.6	2.0

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
1889	1	14	3	5	0.032	0.618	48.799	347.	345.	-1.8	11.7
1890	1	14	6	0	0.032	0.618	48.802	841.	844.	3.0	27.3
1891	1	5	1	10	0.032	0.618	48.830	743.	743.	0.1	26.5
1892	1	4	6	7	0.032	0.618	48.843	69.	69.	-0.4	2.9
1893	1	10	2	-11	0.032	0.618	48.856	59.	58.	-0.5	2.7
1894	1	9	4	-10	0.032	0.618	48.864	75.	75.	-0.5	3.4
1895	1	7	7	4	0.032	0.618	48.873	311.	311.	0.8	14.3
1896	1	6	8	1	0.032	0.618	48.879	335.	336.	0.4	16.2
1897	1	7	8	-1	0.032	0.618	48.897	18.	18.	-0.5	1.2
1898	1	8	1	9	0.032	0.618	48.904	12.	11.	-0.4	0.8
1899	1	14	2	-10	0.032	0.618	48.921	254.	255.	0.9	16.5
1900	1	3	8	3	0.032	0.618	48.942	218.	218.	-0.3	11.9
1901	1	5	7	5	0.032	0.618	48.953	136.	136.	-0.1	7.0
1902	1	2	8	-4	0.032	0.618	48.958	150.	150.	0.2	7.6
1903	1	11	7	-4	0.032	0.618	48.976	148.	148.	0.1	6.9
1904	1	6	8	-3	0.032	0.618	48.980	153.	153.	-0.3	6.9
1905	1	11	6	-7	0.032	0.618	48.992	126.	126.	0.3	5.1
1906	1	2	7	6	0.032	0.618	48.998	273.	274.	1.1	10.4
1907	1	13	4	-9	0.032	0.618	49.007	76.	76.	0.0	2.6
1908	1	1	8	-4	0.032	0.618	49.019	335.	333.	-2.0	9.6
1909	1	3	8	-4	0.032	0.618	49.030	715.	716.	1.0	19.0
1910	1	5	8	2	0.032	0.618	49.031	567.	568.	1.0	15.1
1911	1	10	7	-5	0.032	0.618	49.060	152.	151.	-0.7	4.6
1912	1	1	1	11	0.032	0.618	49.062	230.	230.	-0.7	7.0
1913	1	7	8	-2	0.032	0.618	49.065	250.	249.	-0.2	7.6
1914	1	0	6	-8	0.032	0.618	49.075	217.	218.	0.8	7.2
1915	1	0	6	8	0.032	0.618	49.075	217.	218.	0.8	7.2
1916	1	8	7	-6	0.032	0.618	49.083	376.	375.	-1.2	14.4
1917	1	14	1	6	0.032	0.618	49.105	20.	20.	-0.3	1.3
1918	1	15	1	-10	0.032	0.618	49.113	52.	52.	0.1	3.5
1919	1	7	8	0	0.032	0.618	49.143	671.	673.	1.4	26.8
1920	1	8	6	-8	0.032	0.618	49.165	745.	744.	-1.3	27.1
1921	1	13	4	5	0.032	0.618	49.206	497.	498.	1.3	18.2
1922	1	0	8	-4	0.032	0.618	49.211	173.	173.	-0.4	6.0
1923	1	0	8	4	0.032	0.618	49.211	173.	173.	-0.4	6.0
1924	1	4	8	-4	0.032	0.618	49.234	228.	229.	0.3	6.7
1925	1	7	6	6	0.032	0.618	49.243	404.	404.	-0.7	10.8
1926	1	10	7	2	0.032	0.618	49.247	424.	424.	-0.1	11.2
1927	1	5	3	-11	0.032	0.618	49.252	323.	323.	0.6	8.7
1928	1	11	3	7	0.032	0.618	49.255	310.	311.	0.7	8.7

1929	1	12	1	-11	0.032	0.618	49.264	258.	258.	-0.3	8.7
1930	1	6	3	-11	0.032	0.618	49.268	184.	184.	-0.7	7.0
1931	1	9	6	5	0.032	0.618	49.279	19.	18.	-0.2	1.0
1932	1	1	5	9	0.032	0.618	49.285	38.	38.	-0.5	2.4
1933	1	12	7	-2	0.032	0.618	49.309	172.	173.	0.4	13.9
1934	1	0	4	-10	0.032	0.618	49.331	87.	87.	-0.2	7.5
1935	1	0	4	10	0.032	0.618	49.331	87.	87.	-0.2	7.5
1936	1	3	3	10	0.032	0.618	49.352	64.	64.	0.3	6.1
1937	1	0	2	-11	0.032	0.618	49.361	12.	12.	-0.1	1.2
1938	1	0	2	11	0.032	0.618	49.361	12.	12.	-0.1	1.2
1939	1	5	5	8	0.032	0.618	49.363	21.	21.	-0.1	2.0
1940	1	10	2	8	0.032	0.618	49.365	26.	26.	-0.1	2.5
1941	1	4	3	-11	0.032	0.618	49.368	42.	42.	0.1	3.9
1942	1	9	3	8	0.032	0.618	49.388	142.	143.	0.5	11.5
1943	1	13	6	-6	0.032	0.618	49.412	149.	148.	-0.2	7.2
1944	1	7	3	-11	0.032	0.618	49.415	77.	76.	-0.1	3.5
1945	1	10	5	-9	0.032	0.618	49.425	146.	146.	-0.1	5.5
1946	1	14	5	3	0.032	0.618	49.428	286.	286.	0.3	10.4
1947	1	12	2	7	0.032	0.618	49.432	233.	234.	0.4	8.3
1948	1	11	7	1	0.032	0.618	49.432	272.	272.	0.5	9.7
1949	1	14	6	-5	0.032	0.618	49.441	154.	153.	-0.6	5.8
1950	1	12	7	-1	0.032	0.618	49.464	9.	9.	-0.4	0.3

NO.	CODE	H	K	L	HW	SHAPE	POSN	ICALC	COBS	DIFF	ESD
1951	1	10	4	-10	0.032	0.618	49.472	52.	51.	-1.5	2.0
1952	1	9	7	3	0.032	0.618	49.476	988.	989.	1.3	38.8
1953	1	13	6	2	0.032	0.618	49.525	232.	234.	2.2	17.4
1954	1	11	2	-11	0.032	0.618	49.531	71.	69.	-2.4	5.3
1955	1	1	8	4	0.032	0.618	49.535	3.	3.	-0.2	0.3
1956	1	12	6	3	0.032	0.618	49.553	49.	49.	0.0	3.7
1957	1	12	7	-3	0.032	0.618	49.565	103.	104.	0.8	6.7
1958	1	13	5	-8	0.032	0.618	49.566	64.	64.	0.4	4.1
1959	1	5	8	-4	0.032	0.618	49.568	81.	81.	0.0	4.9
1960	1	13	3	-10	0.032	0.618	49.577	26.	25.	-0.5	1.3
1961	1	4	8	3	0.032	0.618	49.596	866.	866.	0.2	35.3
1962	1	3	3	-11	0.032	0.618	49.616	232.	231.	-0.5	12.6
1963	1	7	8	-3	0.033	0.618	49.643	119.	119.	-0.1	9.2
1964	1	1	6	8	0.033	0.618	49.656	225.	225.	0.1	18.3
1965	1	8	3	-11	0.033	0.618	49.693	330.	330.	-0.1	29.9
1966	1	3	7	6	0.033	0.618	49.713	56.	56.	-0.2	9.2
1967	1	13	5	4	0.033	0.618	49.734	0.	0.	0.0	0.0
1968	1	9	6	-8	0.033	0.618	49.768	73.	73.	0.2	15.5

1969	1	7	8	1	0.033	0.618	49.799	120.	120.	0.2	12.7
1970	1	13	3	6	0.033	0.618	49.802	70.	70.	-0.1	7.0
1971	1	9	7	-6	0.033	0.618	49.814	95.	95.	-0.1	8.5
1972	1	8	8	-1	0.033	0.618	49.820	73.	73.	0.0	6.7
1973	1	10	5	6	0.033	0.618	49.824	61.	61.	0.0	5.8
1974	1	6	0	10	0.033	0.618	49.841	23.	23.	-0.1	2.6
1975	1	13	0	-11	0.033	0.618	49.841	42.	42.	-0.1	4.7
1976	1	8	5	7	0.033	0.618	49.872	144.	145.	0.9	10.2
1977	1	3	7	-7	0.033	0.618	49.876	75.	75.	0.1	4.8
1978	1	6	8	2	0.033	0.618	49.882	116.	116.	-0.5	6.5
1979	1	4	7	-7	0.033	0.618	49.886	84.	84.	-0.3	4.5
1980	1	5	6	7	0.033	0.618	49.886	133.	133.	-0.4	7.1
1981	1	5	2	10	0.033	0.618	49.903	316.	317.	1.4	16.8
1982	1	14	6	1	0.033	0.618	49.910	64.	63.	-0.9	3.6
1983	1	8	8	-2	0.033	0.618	49.921	74.	74.	-0.8	5.1
1984	1	10	4	7	0.033	0.618	49.923	157.	157.	0.4	11.2
1985	1	5	4	9	0.033	0.618	49.962	274.	275.	1.5	21.5
1986	1	2	1	11	0.033	0.618	49.966	83.	82.	-1.0	6.4
1987	1	8	2	9	0.033	0.618	49.976	12.	11.	-0.4	0.9
1988	1	2	8	4	0.033	0.618	49.987	32.	31.	-0.6	2.8
1989	1	2	3	-11	0.033	0.618	49.993	80.	80.	-0.4	7.5
1990	1	2	7	-7	0.033	0.618	49.996	248.	249.	1.4	24.5