

Tuesday 5 April 2011 21:17:42:172 VCDS Versior Data version: 20101206
 038 906 012 GN 1.9l R4 EDC G100SG 4308

Marker	Group A: '001					Group B: '003					Group C: '011				
	TIME	Engine speed	Injection Qu	Mod. Piston	Coolant Temp.	TIME	Engine speed	MAF (specific	MAF (actual)	EGR duty cycle	TIME	Engine speed	Specified MA	Actual MAP	D.cycle MAP
	STAMP	870-950 rpm	2.2-9.0 mg/H	1.45-2.0 V	80-110*°C	STAMP	870-950 rpm	230-370 mg/	230-370 mg/	40-75%	STAMP	rpm	1850-1950 m	1700-2080 m	45-95%
	/min	mg/str	V	°C		/min	mg/str	mg/str	%		/min			%	
	0.33	903	4.6	1.8	68.4	0.69	882	850	490	19.9	1.05	1134	1017.9	1006.2	19.9
	1.41	987	11.4	2.14	68.4	1.77	1008	850	515	19.9	2.13	1008	1053	1029.6	15.5
	2.49	1050	13.8	2.22	68.4	2.85	987	850	505	19.9	3.21	1197	1076.4	1053	16.7
	3.57	1365	13.4	2.22	68.4	3.93	1533	850	525	19.9	4.29	1701	1123.2	1123.2	31.5
	4.65	1848	11.6	2.14	68.4	5.01	1932	850	660	19.9	5.37	2226	2632.5	1287	94.4
	5.73	2646	47	4.08	68.4	6.09	3234	850	1050	4.8	6.45	3675	2632.5	2632.5	64.1
	6.81	3885	50.8	4.44	69.3	7.17	4263	850	1080	4.8	7.53	3696	1076.4	1579.5	78.9
	7.89	3192	19	2.42	69.3	8.25	2604	850	665	19.9	8.61	2604	1357.2	1649.7	60.2
	8.97	2688	18	2.52	69.3	9.33	2751	850	805	19.9	9.69	2814	1298.7	1731.6	74.5
	10.05	2835	12.4	2.22	69.3	10.41	2688	850	580	19.9	10.77	2121	1006.2	1240.2	52.2
	11.13	1827	14.6	2.12	69.3	11.49	1869	850	650	19.9	11.85	1890	1123.2	1298.7	53.8
	12.21	1890	8.8	1.96	69.3	12.57	1890	850	625	19.9	12.93	1869	1053	1240.2	55
	13.3	1869	6	1.74	70.2	13.65	1869	850	575	19.9	14.01	1848	1017.9	1181.7	50.2
	14.37	1848	5	1.62	70.2	14.73	1806	850	570	19.9	15.09	1806	994.5	1123.2	24.7
	44.59	903	4.2	1.8	76.5	44.95	903	850	475	19.9	44.23	903	994.5	1006.2	14.7
	45.67	903	4	1.78	76.5	46.03	1134	850	480	19.9	45.31	903	994.5	1017.9	14.7
	46.75	903	18.4	2.36	76.5	47.11	966	850	480	19.9	46.39	924	1076.4	1029.6	17.9
	47.83	1407	12	2.16	77.4	48.2	1575	850	510	19.9	47.47	1197	1088.1	1053	15.5
	48.91	1785	8.6	1.92	77.4	49.27	1869	850	590	19.9	48.55	1701	1064.7	1123.2	35.5
	49.99	1953	7.6	1.88	77.4	50.35	1995	850	620	19.9	49.63	1911	1064.7	1205.1	43
	51.07	2163	11.8	2.08	77.4	51.43	2247	850	690	19.9	50.71	2079	1146.6	1275.3	43.8
	52.15	2352	10.6	2.04	78.3	52.51	2394	850	670	19.9	51.79	2331	1123.2	1404	55.8
	53.23	2457	9.8	1.98	78.3	53.59	2499	850	675	19.9	52.87	2415	1123.2	1439.1	60.6
	54.31	2436	6.6	1.76	78.3	54.67	2436	850	635	19.9	53.95	2457	1076.4	1427.4	62.2
	55.39	2331	0	1.54	78.3	55.75	2226	850	565	19.9	55.03	2352	1064.7	1333.8	58.6
	56.47	1911	0	0.66	78.3	56.83	1785	850	540	19.9	56.11	2058	994.5	1205.1	25.1
	57.55	1491	0	0.66	78.3	57.91	1470	850	490	19.9	57.19	1638	994.5	1134.9	24.7
	58.63	1701	11.8	2.12	79.2	58.99	1848	850	590	19.9	58.27	1491	1099.8	1099.8	27.9
	59.71	2583	45.4	4	79.2	60.07	3213	850	1080	4.8	59.35	2163	2620.8	1240.2	24.7
	60.77	4179	50.8	4.42	79.2	61.13	4767	850	1075	4.8	60.43	3738	2632.5	2655.9	65.3
	61.85	4620	0	1.3	79.2	62.21	3381	850	710	4.8	61.49	5271	1345.5	2480.4	61.4
	62.93	3486	51	4.44	79.2	63.29	3696	850	1220	4.8	62.57	3276	2632.5	1942.2	49.4
	64.01	4158	51	4.42	79.2	64.37	4368	850	1110	4.8	63.65	3948	2632.5	2655.9	62.6
	65.09	4788	51	4.42	80.1	65.45	4956	850	1000	4.8	64.73	4578	2632.5	2585.7	66.1
	66.17	3864	0	1.2	80.1	66.53	3234	850	500	4.8	65.81	4704	1099.8	2328.3	94.4
	67.25	3234	14.2	2.28	80.1	67.61	3234	850	760	4.8	66.89	3213	1310.4	1462.5	54.6
	68.33	3255	11.2	2.06	81	68.69	3255	850	720	4.8	67.97	3234	1228.5	1801.8	87.7
	69.41	3255	6.2	1.72	81	69.77	3234	850	570	4.8	69.05	3255	1158.3	1684.8	89.3
	70.49	3192	3	1.44	81.9	70.85	3192	850	490	4.8	70.13	3213	1088.1	1322.1	66.5
	71.57	3108	1	1.24	81.9	71.93	3066	850	505	4.8	71.21	3129	1064.7	1205.1	59

72.65	2982	0	0.66	82.8	73.01	2940	850	535	4.8	72.29	3024	1041.3	1275.3	35.1
111.49	903	4	1.8	90	111.85	903	850	465	19.9	111.13	903	994.5	1017.9	14.7
112.57	903	4	1.84	90	112.93	903	850	465	19.9	112.21	903	994.5	1017.9	14.7
113.65	903	4	1.76	90	114.01	903	850	465	19.9	113.29	903	994.5	1017.9	14.7
114.73	903	3.8	1.84	90.9	115.09	903	850	480	19.9	114.37	903	994.5	1017.9	14.7
115.81	903	4	1.78	90.9	116.17	903	850	465	19.9	115.45	903	994.5	1017.9	14.7
116.89	903	4	1.76	90.9	117.25	903	850	480	19.9	116.53	903	994.5	1017.9	14.7
117.97	903	3.8	1.74	90.9	118.33	903	850	475	19.9	117.61	903	994.5	1017.9	14.7
119.05	903	4	1.82	90.9	119.41	903	850	475	19.9	118.69	903	994.5	1017.9	14.7
120.13	903	4	1.8	90.9	120.49	903	850	485	19.9	119.77	903	994.5	1017.9	14.7
121.21	903	4	1.74	90.9	121.57	903	850	470	19.9	120.85	903	994.5	1017.9	14.7
122.29	903	4.4	1.78	90.9	122.65	903	850	465	19.9	121.93	903	994.5	1017.9	14.7
123.37	903	3.8	1.76	91.8	123.73	903	850	465	19.9	123.01	903	994.5	1017.9	14.7
124.45	903	4	1.78	91.8	124.81	903	850	470	19.9	124.09	903	994.5	1017.9	14.7
125.53	903	4	1.74	91.8	125.89	903	850	470	19.9	125.17	903	994.5	1017.9	14.7
126.61	903	4	1.76	91.8	126.97	903	850	470	19.9	126.25	903	994.5	1017.9	14.7
127.69	903	4.2	1.8	91.8	128.05	903	850	470	19.9	127.33	903	994.5	1017.9	14.7
128.77	903	3.8	1.8	91.8	129.13	903	850	470	19.9	128.41	903	994.5	1017.9	14.7
129.85	903	4	1.74	91.8	130.21	903	850	475	19.9	129.49	903	994.5	1017.9	14.7
130.93	903	4	1.76	91.8	131.29	903	850	470	19.9	130.57	903	994.5	1017.9	14.7
132.01	903	4.2	1.78	91.8	132.37	903	850	470	19.9	131.65	903	994.5	1017.9	14.7
133.09	1029	7.8	2.08	91.8	133.45	1071	850	495	19.9	132.73	903	994.5	1017.9	14.7
134.17	966	16.2	2.26	91.8	134.53	1071	850	490	19.9	133.81	966	1076.4	1041.3	14.7
135.23	1617	16.2	2.34	91.8	135.59	1890	850	585	19.9	134.87	1323	1123.2	1064.7	14.7
136.31	2877	50.6	4.38	91.8	136.67	3444	850	1065	4.8	135.95	2289	2632.5	1333.8	24.7
137.39	4473	50.8	4.44	90.9	137.75	4893	850	1010	4.8	137.03	3969	2632.5	2796.3	71.7
138.47	3717	25.2	3.36	87.3	138.83	3087	850	1035	4.8	138.11	4284	1088.1	1708.2	86.1
139.55	3591	50.8	4.42	85.5	139.91	3822	850	1125	4.8	139.19	3339	2632.5	2620.8	68.9
140.63	4305	50.8	4.46	85.5	140.99	4536	850	1070	4.8	140.27	4074	2632.5	2550.6	66.1
141.71	4935	50.8	4.42	85.5	142.07	4809	850	875	4.8	141.35	4746	2632.5	2574	68.9
142.79	3192	8.4	1.54	85.5	143.15	3192	850	570	4.8	142.43	3990	1088.1	1684.8	87.7
143.87	3150	0	0.66	84.6	144.23	3108	850	500	4.8	143.51	3171	1053	1298.7	57.4
241.03	903	3.8	1.8	86.4	241.39	903	850	475	19.9	241.75	987	1006.2	1017.9	18.3
242.11	1113	7	1.98	86.4	242.47	1092	850	485	19.9	242.83	1260	1053	1041.3	19.1
243.19	1071	12.2	2.16	86.4	243.55	987	850	490	19.9	243.91	903	1181.7	1064.7	14.7
244.27	1071	18.4	2.38	86.4	244.63	1344	850	510	19.9	244.99	1617	1287	1134.9	24.7
245.35	1911	18.8	2.5	86.4	245.71	2184	850	725	19.9	246.07	2436	1357.2	1556.1	49.8
246.43	2646	17.8	2.62	88.2	246.79	2793	850	775	19.9	247.15	2499	1017.9	1567.8	71.7
247.51	1911	0	1.26	90	247.87	1638	850	540	19.9	248.23	1701	1193.4	1251.9	40.2
248.59	1806	16.4	2.36	90	248.95	1890	850	670	19.9	249.31	1974	1263.6	1404	50.2
249.67	2058	16.2	2.36	90	250.03	2142	850	750	19.9	250.39	2205	1053	1567.8	65.7
250.75	2142	0	1.26	90	251.11	2142	850	560	19.9	251.47	2100	1029.6	1205.1	49
251.83	2100	12.8	2.22	89.1	252.19	2205	850	715	19.9	252.55	2352	1567.8	1579.5	51
252.91	2478	22.6	2.8	88.2	253.27	2604	850	885	19.9	253.63	2709	1497.6	1953.9	84.5
253.99	2835	21.4	2.84	86.4	254.35	2940	850	905	29.5	254.71	3045	1497.6	2024.1	94.4
255.07	3150	21.6	2.92	85.5	255.43	3255	850	885	4.8	255.79	3297	1064.7	1989	69.3
256.15	2961	0	1.38	85.5	256.51	2310	850	525	19.9	256.87	2163	1076.4	1146.6	59

257.23	2121	9.2	1.9	85.5	257.59	2121	850	565	19.9	257.95	2079	994.5	1158.3	56.2
258.31	2079	0	0.66	85.5	258.67	2058	850	515	19.9	259.03	2037	994.5	1099.8	53.4
259.39	1995	0	0.66	85.5	259.75	1974	850	535	19.9	260.11	1953	994.5	1134.9	24.7
260.47	1911	0	0.66	85.5	260.83	1890	850	530	19.9	261.19	1869	994.5	1134.9	24.7
261.55	1827	2.6	1.26	85.5	261.91	1890	850	645	4.8	262.27	1932	2515.5	1427.4	24.7
262.63	2016	46	3.92	85.5	262.99	2100	850	1045	4.8	263.35	2226	2632.5	2258.1	42.2
263.71	2331	49.6	4.26	85.5	264.07	2478	850	1205	4.8	264.43	2562	2632.5	2679.3	57.8
264.79	2688	50.6	4.44	85.5	265.15	2814	850	1275	4.8	265.51	2919	2632.5	2574	52.6
265.87	3024	50.8	4.42	85.5	266.23	3129	850	1195	4.8	266.6	3213	2632.5	2632.5	59.8
266.95	3318	50.8	4.44	85.5	267.31	3423	850	1140	4.8	267.67	3507	2632.5	2632.5	60.6
268.03	3570	50.8	4.44	85.5	268.39	3654	850	1125	4.8	268.75	3759	2632.5	2620.8	61.8
269.11	3822	50.8	4.42	85.5	269.47	3906	850	1095	4.8	269.81	3969	2632.5	2632.5	63
270.17	4053	50.8	4.44	85.5	270.53	4116	850	1095	4.8	270.89	4200	2632.5	2655.9	65.7
271.25	4263	50.8	4.44	86.4	271.61	4326	850	1060	4.8	271.97	4410	2632.5	2609.1	64.9
272.33	4473	50.8	4.44	87.3	272.69	4536	850	1030	4.8	273.05	4599	2632.5	2585.7	62.2
273.41	4641	50.8	4.42	90.9	273.77	4704	850	1000	4.8	274.13	4767	2632.5	2585.7	61.4
274.49	4830	50.8	4.42	91.8	274.85	4599	850	630	4.8	275.21	3843	1076.4	1509.3	66.1
275.57	3381	0	0.66	92.7	275.93	3339	850	495	4.8	276.29	3255	1053	1345.5	53.8
276.65	3150	0	0.66	93.6	277.01	3045	850	525	4.8	277.37	2940	1041.3	1368.9	33.9
277.73	2835	0	0.66	93.6	278.09	2751	850	545	19.9	278.45	2667	1029.6	1333.8	30.3
278.81	2604	0	0.66	93.6	279.17	2562	850	535	19.9	279.53	2541	1017.9	1287	28.3
309.01	903	4	1.8	95.4	309.37	903	850	455	19.9	309.73	1029	1006.2	1029.6	19.5
310.09	966	15	2.28	95.4	310.45	966	850	465	19.9	310.81	945	1088.1	1053	14.7
311.17	840	24.4	2.48	95.4	311.53	1050	850	480	19.9	311.89	1260	1099.8	1076.4	16.7
312.25	1449	14.2	2.24	95.4	312.61	1617	850	525	19.9	312.97	1806	1158.3	1193.4	34.7
313.33	2121	34	3.24	95.4	313.69	2646	850	885	4.8	314.05	3234	2632.5	2246.4	56.2
314.41	3717	50.8	4.46	95.4	314.77	4221	850	1085	4.8	315.13	4746	2632.5	2913.3	74.5
315.49	4935	0	1.74	96.3	315.85	4326	850	535	4.8	316.21	2961	2632.5	1567.8	32.7
316.57	3171	50.8	4.42	96.3	316.93	3381	850	1210	4.8	317.29	3612	2632.5	2901.6	74.9
317.65	3843	51	4.44	95.4	318.01	4053	850	1080	4.8	318.37	4221	2632.5	2667.6	73.3
318.73	4410	51	4.44	95.4	319.09	4599	850	1025	4.8	319.45	4767	2632.5	2574	70.5
319.81	4935	49.8	4.42	95.4	320.17	4725	850	650	4.8	320.53	3969	1088.1	1532.7	78.5
320.89	3066	12.8	2.42	95.4	321.25	3129	850	635	4.8	321.61	3129	1251.9	1579.5	71.7
321.97	3129	10.4	2.04	94.5	322.33	3108	850	665	4.8	322.69	3087	1146.6	1567.8	80.5
329.53	2478	0	0.66	93.6	329.89	2436	850	535	19.9	330.23	2394	1017.9	1251.9	27.1
330.59	2352	0	0.66	93.6	330.95	2310	850	535	19.9	331.31	2268	1006.2	1228.5	26.3
331.67	2226	0	0.66	93.6	332.03	2184	850	530	19.9	332.39	2121	1006.2	1205.1	25.5
332.75	2100	0	0.66	93.6	333.11	2037	850	545	19.9	333.47	1995	994.5	1181.7	24.7
333.83	1953	0	0.66	93.6	334.19	1911	850	525	19.9	334.55	1890	1181.7	1158.3	25.5
334.91	1911	34.4	3.28	93.6	335.27	1974	850	815	4.8	335.63	2037	2597.4	1778.4	26.3
335.99	2142	47.8	4.08	93.6	336.35	2142	850	740	50.6	336.71	2121	1017.9	1579.5	65.7
337.07	2121	0	0.66	93.6	337.43	2058	850	545	19.9	337.79	2016	994.5	1205.1	40.6
338.15	1974	0	0.66	93.6	338.51	1932	850	535	19.9	338.87	1869	994.5	1170	24.7
339.23	1827	0	0.66	93.6	339.59	1932	850	475	19.9	339.95	1827	2398.5	1298.7	24.7
340.31	1911	37.6	3.56	93.6	340.67	1953	850	900	4.8	341.01	2058	2609.1	1977.3	29.1
341.37	2163	48	4.2	93.6	341.71	2247	850	1135	4.8	342.07	2373	2632.5	2550.6	51.8
342.43	2478	50.2	4.34	93.6	342.79	2562	850	1230	4.8	343.15	2688	2632.5	2796.3	62.2

343.51	2793	50.6	4.44	93.6	343.87	2898	850	1100	4.8	344.23	3003	2632.5	2562.3	57
344.59	3087	50.8	4.44	93.6	344.95	3192	850	1140	4.8	345.31	3276	2632.5	2620.8	58.2
345.67	3360	50.8	4.44	93.6	346.03	3444	850	1105	4.8	346.39	3528	2632.5	2620.8	59.8
346.75	3612	50.8	4.44	93.6	347.11	3696	850	1080	4.8	347.47	3759	2632.5	2644.2	62.2
347.83	3843	50.8	4.44	93.6	348.19	3906	850	1070	4.8	348.55	3990	2632.5	2620.8	62.6
348.91	4053	50.8	4.44	93.6	349.27	4116	850	1075	4.8	349.63	4179	2632.5	2679.3	66.5
349.99	4242	50.8	4.44	93.6	350.35	4305	850	1050	4.8	350.71	4368	2632.5	2632.5	66.5
351.07	4431	50.8	4.44	94.5	351.43	4494	850	1010	4.8	351.79	4536	2632.5	2597.4	65.7
352.15	4578	50.8	4.44	94.5	352.51	4620	850	990	4.8	352.87	4683	2632.5	2585.7	64.1
353.23	4725	50.8	4.44	94.5	353.59	4767	850	970	4.8	353.95	4809	2632.5	2574	62.2
354.31	4851	50.8	4.42	94.5	354.67	4704	850	900	4.8	355.03	3948	1088.1	1649.7	78.9
355.39	3423	27.6	3.44	94.5	355.75	3423	850	790	4.8	356.11	3402	1380.6	2035.8	84.9
356.47	3402	16.2	2.52	94.5	356.83	3381	850	750	4.8	357.17	3360	1216.8	1883.7	94.4
357.53	3318	5.2	1.62	94.5	357.89	3276	850	545	4.8	358.25	3255	1064.7	1357.2	67.7
358.59	3213	0	0.68	94.5	358.95	3171	850	455	4.8	359.31	3129	1053	1205.1	57.4
359.67	3087	0	0.66	94.5	360.03	3045	850	505	4.8	360.39	3003	1041.3	1333.8	34.3
360.75	2961	0	0.66	94.5	361.11	2940	850	540	19.9	361.47	2898	1041.3	1368.9	32.7
361.83	2856	0	0.66	94.5	362.19	2814	850	530	19.9	362.55	2772	1029.6	1333.8	31.1
362.91	2730	0	0.68	94.5	363.27	2709	850	525	19.9	363.63	2667	1029.6	1310.4	29.5
363.99	2625	0	0.66	94.5	364.33	2583	850	530	19.9	364.69	2562	1017.9	1287	28.3
365.05	2520	0	0.66	94.5	365.41	2499	850	530	19.9	365.77	2457	1017.9	1263.6	27.1
366.13	2436	0	0.66	94.5	366.49	2394	850	530	19.9	366.85	2352	1006.2	1240.2	26.7
367.21	2331	0	0.66	94.5	367.57	2289	850	530	19.9	367.93	2247	1006.2	1228.5	25.9
368.29	2226	0	0.66	94.5	368.65	2184	850	530	19.9	369.01	2163	1006.2	1205.1	25.1
369.37	2121	0	0.66	94.5	369.73	2079	850	540	19.9	370.09	2058	994.5	1193.4	24.7
370.43	2016	0	0.66	94.5	370.79	2058	850	620	19.9	371.15	2016	2574	1439.1	24.7
371.51	2037	44.4	3.94	93.6	371.87	2079	850	1000	4.8	372.23	2121	2620.8	2199.6	39.4
372.59	2163	48	4.22	93.6	372.95	2205	850	1110	4.8	373.31	2247	2632.5	2515.5	47.8
373.67	2289	49.4	4.28	93.6	374.03	2331	850	1180	4.8	374.39	2373	2632.5	2667.6	52.2
374.75	2415	50.2	4.28	93.6	375.11	2457	850	1190	4.8	375.47	2499	2632.5	2761.2	60.2
375.83	2541	50.4	4.36	93.6	376.19	2583	850	1210	4.8	376.55	2625	2632.5	2655.9	59
376.89	2688	50.6	4.44	93.6	377.25	2709	850	1120	4.8	377.59	2772	2632.5	2574	56.6
377.95	2793	50.6	4.44	93.6	378.31	2835	850	1135	4.8	378.67	2877	2632.5	2644.2	57.4
379.03	2898	50.6	4.42	93.6	379.39	2940	850	1130	4.8	379.75	2982	2632.5	2655.9	58.6
380.11	3003	50.8	4.44	93.6	380.47	3045	850	1120	4.8	380.83	3066	2632.5	2632.5	58.2
381.19	3108	50.8	4.44	94.5	381.55	3129	850	1100	4.8	381.91	3129	2632.5	2609.1	57.8
382.27	3192	50.8	4.44	94.5	382.63	3234	850	1090	4.8	382.99	3255	2632.5	2609.1	57.8
383.35	3276	50.8	4.44	94.5	383.69	3297	850	1080	4.8	384.05	3318	2632.5	2632.5	58.2
384.41	3339	50.8	4.44	94.5	384.77	3381	850	1075	4.8	385.13	3402	2632.5	2632.5	58.6
385.49	3423	50.8	4.44	94.5	385.85	3444	850	1065	4.8	386.21	3465	2632.5	2632.5	58.6
386.57	3486	50.8	4.44	95.4	386.93	3528	850	1050	4.8	387.29	3528	2632.5	2620.8	59.4
387.65	3549	50.8	4.44	95.4	388.01	3570	850	1045	4.8	388.37	3612	2632.5	2632.5	58.6
388.73	3612	50.8	4.44	95.4	389.09	3654	850	1060	4.8	389.45	3675	2632.5	2644.2	59.8
389.81	3696	50.8	4.44	95.4	390.17	3696	850	1040	4.8	390.53	3738	2632.5	2644.2	60.6
390.89	3738	50.8	4.44	96.3	391.25	3780	850	1035	4.8	391.61	3780	2632.5	2620.8	60.2
391.97	3801	50.8	4.44	96.3	392.33	3822	850	1020	4.8	392.69	3843	2632.5	2597.4	59.4
393.05	3864	50.8	4.44	96.3	393.41	3885	850	1005	4.8	393.77	3906	2632.5	2574	57

394.13	3927	50.8	4.42	96.3	394.49	3927	850	1010	4.8	394.85	3969	2632.5	2585.7	55.4
395.21	3969	50.8	4.44	96.3	395.57	3990	850	1015	4.8	395.93	4011	2632.5	2620.8	55.8
396.29	4032	50.8	4.44	97.2	396.65	4053	850	1015	4.8	397.01	4053	2644.2	2632.5	55.8
397.37	4074	50.8	4.46	97.2	397.73	4095	850	1025	4.8	398.09	4095	2644.2	2655.9	56.2
398.45	4116	50.8	4.44	97.2	398.81	4116	850	1025	4.8	399.17	4137	2644.2	2655.9	57.4
399.53	4137	50.8	4.44	97.2	399.89	4158	850	1020	4.8	400.25	4158	2644.2	2644.2	57.4
400.61	4179	50.8	4.44	97.2	400.97	4179	850	1005	4.8	401.33	4200	2644.2	2644.2	57.8
401.69	4200	50.8	4.46	97.2	402.05	4200	850	1005	4.8	402.41	4221	2644.2	2632.5	57
402.77	4221	50.8	4.44	97.2	403.13	4242	850	1000	4.8	403.49	4242	2644.2	2620.8	56.2
403.85	4242	50.8	4.44	97.2	404.21	4263	850	995	4.8	404.57	4263	2644.2	2620.8	55.8
404.93	4284	50.8	4.44	97.2	405.29	4284	850	1000	4.8	405.65	4284	2644.2	2620.8	55
406.01	4263	0	1.7	97.2	406.37	4221	850	475	4.8	406.73	4158	1099.8	1450.8	54.2
407.09	4095	0	0.7	97.2	407.45	4011	850	520	4.8	407.81	3948	1088.1	1544.4	63.4
408.17	3885	0	0.68	97.2	408.53	3213	850	555	4.8	408.89	2415	1017.9	1497.6	27.5
409.25	1764	0	0.68	97.2	409.61	1281	850	435	19.9	409.97	966	1006.2	1170	14.7
410.33	882	4	1.76	97.2	410.69	882	850	410	19.9	411.05	903	1006.2	1053	14.7
411.41	882	4	1.78	97.2	411.77	903	850	420	19.9	412.13	903	994.5	1029.6	14.7
412.49	903	3.8	1.76	97.2	412.85	903	850	425	19.9	413.21	903	994.5	1017.9	14.7
638.15	903	3.8	1.8	90	638.51	903	850	485	19.9	638.87	903	994.5	1029.6	14.7
639.23	903	3	1.7	90	639.59	1071	850	470	19.9	639.95	819	1099.8	1041.3	16.3
640.31	1428	11	2.18	90	640.67	1428	850	535	19.9	641.03	1197	1088.1	1123.2	18.3
641.39	1134	17	2.32	90	641.75	1323	850	520	19.9	642.11	1491	1088.1	1123.2	29.9
642.47	1659	11.4	2.08	90	642.83	1827	850	610	19.9	643.19	2184	2620.8	1333.8	24.7
643.55	2772	50.6	4.34	90	643.91	3360	850	1060	4.8	644.27	3885	2632.5	2749.5	68.1
644.63	4410	50.8	4.42	90.9	644.99	4977	850	1000	4.8	645.35	4746	1099.8	2129.4	94.4
645.71	3906	8.2	1.56	90	646.07	3087	850	1000	4.8	646.43	3339	2632.5	2515.5	67.7
646.77	3570	50.8	4.44	90	647.13	3822	850	1100	4.8	647.49	4053	2632.5	2585.7	65.3
647.85	4263	50.8	4.44	90	648.21	4515	850	1070	4.8	648.57	4704	2632.5	2550.6	65.3
648.93	4914	32.2	4.44	90	649.29	4515	850	610	4.8	649.65	3696	1076.4	1404	66.1
650.01	3045	0	0.66	90	650.37	3066	850	515	4.8	650.73	3045	1053	1298.7	53.8
651.09	3024	0	0.66	90	651.45	2961	850	545	4.8	651.81	2940	1041.3	1333.8	33.9
652.17	2919	0	0.68	90	652.53	2877	850	545	19.9	652.89	2856	1041.3	1322.1	32.7
653.25	2814	0	0.66	90	653.61	2793	850	550	19.9	653.97	2751	1029.6	1298.7	31.5
654.33	2730	0	0.66	90	654.69	2688	850	545	19.9	655.05	2667	1029.6	1275.3	30.3
655.41	2625	0	0.66	90	655.77	2604	850	555	19.9	656.13	2562	1017.9	1263.6	29.1
656.49	2541	0	0.66	90	656.85	2499	850	555	19.9	657.19	2478	1017.9	1251.9	27.9
657.55	2436	0	0.66	90	657.91	2394	850	550	19.9	658.27	2394	1017.9	1228.5	27.5
658.63	2163	0	0.68	90	658.99	1470	850	530	19.9	659.35	1029	994.5	1158.3	15.1
659.71	966	3.6	1.74	90	660.07	903	850	470	19.9	660.43	903	994.5	1053	14.7
660.79	903	3.6	1.76	90	661.15	903	850	470	19.9	661.51	903	994.5	1041.3	14.7
661.87	903	4	1.78	90	662.23	903	850	470	19.9	662.59	903	994.5	1029.6	14.7
662.95	903	3.8	1.74	90	663.31	903	850	475	19.9	663.67	903	994.5	1029.6	14.7
664.03	903	3.8	1.84	90	664.39	903	850	475	19.9	664.75	903	994.5	1029.6	14.7
665.11	903	3.8	1.8	90.9	665.47	1029	850	480	19.9	665.83	945	1053	1041.3	16.3
666.19	882	18.4	2.34	90.9	666.55	1092	850	495	19.9	666.91	1281	1076.4	1064.7	18.7
667.27	1470	12	2.18	90.9	667.63	1659	850	520	19.9	667.99	1827	1696.5	1170	35.9
668.35	2268	35.8	3.38	90.9	668.71	2835	850	945	4.8	669.07	3423	2632.5	2410.2	61.4

669.43	3969	50.8	4.44	90.9	669.79	4536	850	1110	4.8	670.15	4725	1099.8	2538.9	44.6
670.51	4158	0	1.24	90.9	670.87	3234	850	530	4.8	671.23	2919	2269.8	1602.9	43
671.59	3129	34.6	3.9	90.9	671.95	3339	850	1120	4.8	672.31	3570	2585.7	2796.3	79.3
672.67	3780	31	3.92	90.9	673.03	3864	850	880	4.8	673.39	3465	1064.7	1626.3	94.4
673.75	2730	1	0.72	90.9	674.11	2520	850	620	19.9	674.47	2541	1298.7	1404	55.4
674.83	2562	14.6	2.32	90.9	675.19	2562	850	695	19.9	675.55	2583	1216.8	1509.3	69.3
675.91	2583	13	2.2	90.9	676.27	2604	850	670	19.9	676.63	2604	1099.8	1450.8	74.9
676.99	2583	6.8	1.72	90.9	677.35	2583	850	600	19.9	677.71	2583	1099.8	1333.8	68.5
678.07	2604	8.6	1.82	90.9	678.43	2583	850	610	19.9	678.79	2583	1111.5	1322.1	68.5
709.33	903	3.8	1.76	91.8	709.69	903	850	470	19.9	710.05	903	994.5	1029.6	14.7
710.41	903	3.4	1.74	92.7	710.77	903	850	475	19.9	711.13	903	994.5	1029.6	14.7
711.49	903	3.6	1.76	92.7	711.85	903	850	465	19.9	712.21	1827	1006.2	1029.6	25.9
712.57	1239	9.8	2.1	92.7	712.93	1386	850	495	19.9	713.29	1449	1111.5	1111.5	28.3
713.65	1323	16.4	2.34	92.7	714.01	1008	850	555	19.9	714.37	1113	1322.1	1123.2	15.1
714.73	1407	22.8	2.64	92.7	715.09	1701	850	575	19.9	715.45	2079	2609.1	1322.1	24.7
715.81	2583	45.4	4.16	92.7	716.17	3213	850	1080	4.8	716.53	3717	2632.5	2691	66.1
716.89	4221	50.8	4.44	92.7	717.25	4788	850	1055	4.8	717.61	4977	1099.8	2515.5	94.4
717.97	4431	0	1.26	92.7	718.33	3276	850	820	4.8	718.69	3087	2632.5	2106	53.8
719.05	3318	51	4.44	92.7	719.41	3528	850	1230	4.8	719.77	3759	2632.5	2679.3	62.6
720.13	4011	51	4.42	92.7	720.49	4200	850	1110	4.8	720.85	4410	2632.5	2667.6	70.9
721.21	4599	51	4.42	92.7	721.57	4788	850	1020	4.8	721.93	4935	2632.5	2574	67.3
722.29	4599	0	1.34	92.7	722.65	3801	850	505	4.8	723.01	2982	1041.3	1275.3	53.4
723.37	2310	0	0.66	92.7	723.73	1701	850	535	19.9	724.09	1218	994.5	1181.7	30.7
724.45	987	2.2	1.62	91.8	724.8	903	850	455	19.9	725.17	903	994.5	1064.7	14.7
725.53	903	3.6	1.78	91.8	725.89	903	850	450	19.9	726.25	903	994.5	1041.3	14.7
726.6	903	3.6	1.74	91.8	726.97	882	850	455	19.9	727.32	903	994.5	1029.6	14.7
727.69	903	3.6	1.74	91.8	728.05	903	850	455	19.9	728.4	903	994.5	1029.6	14.7
728.75	903	3.6	1.74	91.8	729.1	903	850	460	19.9	729.47	903	994.5	1029.6	14.7
729.83	903	3.8	1.78	91.8	730.18	903	850	460	19.9	730.53	903	994.5	1029.6	14.7
730.89	903	3.6	1.76	91.8	731.23	903	850	465	19.9	731.59	903	994.5	1029.6	14.7
731.94	903	3.4	1.74	91.8	732.31	903	850	460	19.9	732.67	903	994.5	1029.6	14.7
733.02	903	4.2	1.82	92.7	733.39	966	850	455	19.9	733.75	1008	1006.2	1029.6	15.1
734.11	966	10.2	2.1	92.7	734.47	903	850	480	19.9	734.83	924	1041.3	1041.3	16.3
735.18	987	10.8	2.06	92.7	735.55	1092	850	470	19.9	735.91	987	994.5	1053	14.7
736.27	903	4	1.78	92.7	736.63	924	850	470	19.9	736.99	903	994.5	1041.3	14.7
737.35	903	3.6	1.76	92.7	737.71	903	850	460	19.9	738.06	903	994.5	1029.6	14.7
738.43	1218	9	1.96	93.6	738.79	1533	850	485	19.9	739.15	1113	1064.7	1099.8	19.1
739.51	1302	13.2	2.24	93.6	739.87	1470	850	500	19.9	740.23	1638	1111.5	1146.6	33.5
740.59	1953	30	2.88	93.6	740.95	2394	850	790	4.8	741.31	2982	2632.5	1942.2	45.4
741.67	3549	50.8	4.44	93.6	742.03	4053	850	1075	4.8	742.39	4536	2632.5	2971.8	78.1
742.75	4599	0	1.54	93.6	743.11	3948	850	555	4.8	743.47	2814	2632.5	1474.2	24.7
743.83	3024	50.8	4.44	93.6	744.19	3276	850	1180	4.8	744.55	3507	2632.5	2878.2	74.1
744.91	3738	51	4.44	93.6	745.27	3990	850	1030	4.8	745.63	4179	2632.5	2574	72.5
745.99	4389	51	4.44	93.6	746.35	4578	850	1035	4.8	746.71	4746	2632.5	2597.4	71.3
747.07	4746	0	1.82	93.6	747.43	4095	850	540	4.8	747.79	3213	1053	1322.1	65.7
748.15	3066	4.2	1.34	93.6	748.51	3003	850	550	4.8	748.87	2982	1041.3	1298.7	59.4
749.23	2940	0	0.66	93.6	749.59	2898	850	535	19.9	749.95	2856	1041.3	1333.8	32.7

