

H	K	L	GRP	FD	FC	A	B	SINTH/LW	DF	W*DF	ANGLE CALC	ANGLE STAT
4	7	-1	1	76.65	70.08	79.00	3.41	.49605	-1.43	-1.98	2	
4	7	0	1	2.24	4.69	4.69	.05	.51831	-2.45	-1.53	0	
4	7	1	1	13.07	12.87	-12.87	-1.19	.54550	.20	.59	181	
4	7	2	1	2.20	.32	.32	.01	.57693	1.95	1.20	1	
4	7	3	1	16.92	16.43	16.43	-.24	.61194	.49	1.43	0	
4	7	4	1	19.62	19.05	18.95	1.95	.64997	.57	1.71	5	
4	7	5	1	3.94	4.07	3.95	1.00	.69050	-.12	-.11	14	
4	8	-12	1	2.54	1.56	-1.56	.11	.67921	.98	.54	176	
4	8	-11	1	5.47	1.86	-1.08	-1.52	.64374	3.61	4.79	235	
4	8	-10	1	26.55	25.68	25.64	1.54	.61142	.87	3.12	3	
4	8	-9	1	4.32	.31	.14	.27	.58276	4.01	4.66	63	
4	8	-8	1	17.95	17.64	17.58	1.46	.55834	.32	1.09	4	
4	8	-7	1	58.38	57.63	57.61	1.57	.53873	.75	1.66	1	
4	8	-6	1	34.46	33.65	-33.61	-1.72	.52447	.81	2.66	183	
4	8	-5	1	55.71	55.04	54.97	2.88	.51600	.67	1.24	2	
4	8	-4	1	2.21	2.37	-2.20	.87	.51361	-.16	-.10	158	
4	8	-3	1	16.73	16.50	16.50	.19	.51739	.22	.76	0	
4	8	-2	1	37.40	38.12	-38.09	-1.52	.52719	-.72	-2.00	183	
4	8	-1	1	16.69	17.24	-17.22	.82	.54271	-.55	-1.82	177	
4	8	0	1	14.02	13.49	13.48	.38	.56345	.53	1.53	1	
4	8	1	1	16.04	15.95	15.91	1.21	.58888	.09	.27	4	
4	8	2	1	16.12	15.34	15.32	.81	.61841	.78	2.24	3	
4	8	3	1	29.84	28.59	-28.54	-1.60	.65149	1.25	4.33	184	
4	8	4	1	58.99	57.82	57.72	3.43	.68760	1.17	2.48	3	
4	8	5	1	26.83	26.06	-26.06	-.33	.68194	.77	2.52	181	
4	8	6	1	5.86	8.70	8.70	.13	.65181	-2.84	-3.53	0	
4	8	7	1	66.35	65.01	64.98	1.82	.62531	1.34	2.67	1	
4	8	8	1	29.14	28.16	28.09	2.00	.60292	.98	3.64	4	
4	8	9	1	2.31	1.26	1.04	.72	.58513	1.05	.64	34	
4	9	-6	1	31.30	30.33	-30.25	-2.28	.57236	.97	3.39	185	
4	9	-5	1	55.02	52.08	52.01	2.64	.56494	2.94	6.37	2	
4	9	-4	1	17.94	16.99	-16.99	-.20	.56309	.94	3.16	181	
4	9	-3	1	6.04	5.58	5.57	.34	.56687	.46	.73	3	
4	9	-2	1	10.75	10.03	-10.03	-.07	.57616	.72	1.75	181	
4	9	-1	1	27.79	27.01	-27.01	-.56	.59071	.77	2.88	162	
4	9	0	1	6.45	7.35	7.17	1.63	.61014	-.89	-1.29	12	
4	9	1	1	29.08	29.25	29.19	1.74	.63399	-.16	-.56	3	
4	9	2	1	11.26	11.66	11.64	.67	.66180	-.41	-.86	3	
4	9	3	1	30.67	29.75	-29.69	-1.80	.69308	.92	3.03	184	
4	9	4	1	28.97	28.16	-28.10	-1.73	.69413	.81	2.65	184	
4	9	5	1	36.66	35.44	35.38	1.91	.66959	1.23	4.17	3	
4	9	6	1	32.54	31.66	31.63	1.18	.64903	.89	3.16	2	
4	9	7	1	23.88	23.36	-23.36	.04	.63283	.52	1.73	179	
4	9	8	1	14.49	13.83	-13.76	-1.43	.62134	.65	1.79	186	
4	9	9	1	25.26	25.08	25.04	1.32	.61483	.19	.64	3	
4	10	-4	1	20.98	19.95	19.94	.64	.61344	1.02	3.35	1	
4	10	-3	1	10.10	9.65	-9.57	1.21	.61721	.45	.98	172	
4	10	-2	1	2.42	2.63	2.45	.95	.62606	-.21	-.12	21	
4	10	-1	1	5.51	5.34	5.16	-1.41	.63976	.16	.20	345	
4	10	0	1	22.10	22.49	22.37	2.38	.65803	-.40	-1.23	6	
4	10	1	1	3.61	4.30	-4.26	.59	.68048	-.69	-.52	172	
4	10	2	1	2.56	2.32	-2.32	.15	.69636	.24	.13	176	
4	10	3	1	27.02	25.98	25.96	1.01	.68156	1.04	3.37	2	
4	10	4	1	12.06	11.95	11.94	.46	.67119	.11	.25	2	
4	10	5	1	7.60	5.35	-5.34	-.33	.66544	2.25	3.72	184	
4	10	6	1	25.53	25.20	25.16	1.51	.66444	.33	1.07	3	

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N	K	L	GRP	FD	FC	A	B	SINTH/LW	DF	W*DF	ANGLE CALC	ANGLE STAT
4	11	-3	1	18.35	18.17	18.10	1.61	.66821	.18	.52	184	
4	11	-2	1	24.63	23.79	23.77	1.02	.67667	.84	2.63	184	
4	11	-1	1	39.21	36.37	-36.81	-2.24	.66964	1.33	3.77	184	
5	-12	-7	1	39.49	39.11	39.08	1.65	.70421	.36	1.08	2	
5	-12	-6	1	3.21	3.69	3.65	.56	.69209	-.48	-.33	8	
5	-12	-5	1	13.23	13.18	13.11	1.39	.68442	.10	.22	6	
5	-12	-4	1	12.31	12.00	-11.88	-1.71	.58134	.31	.70	189	
5	-12	-3	1	6.69	6.61	6.59	.51	.68292	.07	.10	4	
5	-12	-2	1	2.48	1.83	1.63	.82	.69980	.65	.37	26	
5	-12	-1	1	7.58	6.19	6.11	.98	.69445	1.40	2.19	9	
5	-11	-9	1	4.80	3.81	3.79	.34	.67307	.99	1.05	5	
5	-11	-8	1	31.99	32.65	-32.64	-.75	.67307	-.66	-2.24	182	
5	-11	-7	1	10.42	10.57	-10.57	.27	.65584	-.15	-.32	178	
5	-11	-6	1	15.21	14.37	14.36	.40	.64312	.84	2.29	1	
5	-11	-5	1	45.21	44.26	44.20	2.23	.63515	.95	2.36	2	
5	-11	-4	1	49.40	47.89	-47.81	-2.69	.63213	.95	2.36	2	
5	-11	-3	1	15.77	15.02	14.99	.87	.63412	1.51	3.38	184	
5	-11	-2	1	51.25	48.74	48.70	2.04	.64108	.75	2.12	3	
5	-11	-1	1	35.50	34.49	34.46	1.26	.65285	2.51	5.52	2	
5	-11	0	1	10.14	9.29	-9.29	.39	.65285	1.01	3.17	2	
5	-11	1	1	4.00	2.91	2.88	-.39	.66972	.86	1.71	177	
5	-10	-10	1	10.76	11.12	-11.12	.05	.67594	1.10	.99	353	
5	-10	-9	1	6.71	6.72	-6.60	1.29	.64937	-.36	-.74	179	
5	-10	-8	1	13.75	13.78	-13.67	-1.75	.62675	-.01	-.02	168	
5	-10	-7	1	18.30	18.05	-18.04	-.16	.60853	-.03	-.08	188	
5	-10	-6	1	10.30	10.93	10.88	.97	.59510	.25	.81	181	
5	-10	-5	1	43.39	43.09	43.03	2.29	.58681	.30	.80	3	
5	-10	-4	1	16.22	15.31	-15.27	-1.04	.58386	.91	2.86	184	
5	-10	-3	1	42.26	41.14	41.12	1.06	.59417	1.12	2.91	1	
5	-10	-2	1	38.54	35.42	36.38	1.55	.60716	2.12	6.00	2	
5	-10	-1	1	29.54	28.47	28.47	.65	.60716	1.07	3.94	1	
5	-10	0	1	4.61	3.17	2.75	1.57	.62497	1.44	1.71	29	
5	-10	1	1	14.82	15.05	-14.92	-1.97	.64722	-.23	-.63	188	
5	-10	2	1	2.42	2.21	2.20	.26	.67347	.21	.12	6	
5	-10	3	1	2.73	4.01	3.89	.98	.70326	.21	.12	6	
5	-9	-12	1	8.56	9.23	-8.22	-.46	.70044	-.12	-.78	14	
5	-9	-11	1	2.49	1.36	1.36	-.03	.66564	.32	.53	184	
5	-9	-10	1	11.43	11.23	-11.23	-.16	.63395	1.14	.64	359	
5	-9	-9	1	43.07	42.85	42.75	2.86	.60585	.20	.46	181	
5	-9	-8	1	25.63	24.64	-24.56	-1.97	.58186	.22	.63	3	
5	-9	-7	1	19.49	19.52	19.44	.56	.56252	1.04	3.86	185	
5	-9	-6	1	10.06	9.75	9.74	.76	.56252	.31	.76	3	
5	-9	-5	1	35.07	34.30	34.27	1.37	.54831	-.03	-.09	5	
5	-9	-4	1	30.66	30.69	30.68	.87	.53679	.77	2.48	2	
5	-9	-3	1	13.18	11.09	-11.07	-.61	.53983	-.03	-.09	1	
5	-9	-2	1	2.29	1.85	1.85	.24	.54867	2.09	6.32	184	
5	-9	-1	1	8.43	8.07	-8.07	.21	.56305	.43	.29	172	
5	-9	0	1	46.83	46.09	46.02	2.46	.58254	.36	.77	178	
5	-9	1	1	17.37	17.91	-17.78	-2.15	.60666	.74	1.77	3	
5	-9	2	1	12.67	12.55	12.53	.73	.63488	-.54	-1.72	187	
5	-9	3	1	26.93	25.77	25.71	1.76	.66668	.13	.31	3	
5	-9	4	1	6.08	2.66	-2.56	.72	.70157	1.16	3.92	3	
5	-8	-13	1	22.00	21.26	21.18	1.83	.70308	3.41	4.66	164	
5	-8	-12	1	26.43	26.13	-26.09	-1.41	.66394	.74	2.17	4	
5	-8	-11	1	22.89	23.01	23.01	.06	.62741	.30	1.01	184	
5	-8	-10	1	22.59	22.73	22.70	1.09	.59400	-.12	-.40	0	
5	-8	-10	1	22.59	22.73	22.70	1.09	.59400	-.14	-.49	2	

	GR	FD	FC	A	B	SINHL/W	DF	WDF	ANGLE CALC	ANGLE STAT
1	1	6.03	4.23	4.01	1.35	.54618	1.80	2.97	18	
2	1	17.32	17.13	17.1	.78	.54921	.19	.63	0	
3	1	12.87	12.62	12.57	1.11	.55795	.25	.68	5	
4	1	17.89	17.84	17.82	.59	.57213	.04	.15	7	
5	1	6.72	4.76	4.53	-1.45	.59136	1.96	3.25	198	
6	1	43.53	44.05	43.96	3.25	.61517	-.55	-1.37	4	
7	1	14.31	14.56	14.53	.97	.54305	-.25	-.63	3	
8	1	2.53	2.80	2.80	.00	.67450	-.27	-.15	0	
9	1	12.77	12.56	12.52	.98	.68080	.21	.48	4	
10	1	35.97	35.42	35.34	-2.34	.65504	.55	1.90	184	
11	1	24.93	24.25	24.14	2.29	.63325	.79	1.95	5	
12	1	17.31	17.12	17.12	-.00	.61587	.19	.58	181	
13	1	5.95	6.17	6.16	.36	.60327	-.32	-.44	3	
14	1	26.52	26.36	26.35	-.45	.59576	.17	.60	181	
15	1	6.08	3.48	3.48	-.17	.59352	2.59	3.88	183	
16	1	14.85	14.09	14.03	1.35	.59663	.76	2.15	5	
17	1	49.67	50.11	50.07	2.01	.60499	-.44	-1.02	2	
18	1	19.30	18.03	18.01	.86	.61840	1.27	3.96	2	
19	1	37.39	36.49	36.43	-2.04	.63653	.90	2.90	184	
20	1	27.04	27.71	27.57	2.73	.65899	-.67	-2.22	5	
21	1	9.13	9.73	9.73	.20	.68537	-.60	-1.02	1	
22	1	9.59	9.21	9.21	-1.59	.69792	.37	.68	190	
23	1	26.84	27.57	27.53	1.41	.67780	1.27	4.30	2	
24	1	7.89	7.32	7.31	.37	.66187	.57	.93	2	
25	1	2.44	2.58	2.29	1.19	.65045	-.14	-.08	27	
26	1	10.22	8.53	8.53	.95	.64378	.28	.57	5	
27	1	9.66	8.43	8.41	-1.44	.64201	1.13	2.26	190	
28	1	7.72	8.43	8.15	2.13	.64518	-.71	-1.18	14	
29	1	13.04	13.04	13.00	1.06	.65320	-.00	-.01	4	
30	1	16.04	15.52	15.52	-.03	.66592	.53	1.38	181	
31	1	13.41	13.65	13.58	-1.32	.68307	-.24	-.55	186	
32	1	18.48	17.43	17.38	1.24	.70432	1.06	2.86	4	
33	1	18.11	17.22	17.15	1.58	.69871	.89	2.47	5	
34	1	41.74	27.73	27.70	1.29	.69278	-.10	-.32	2	
35	1	27.63	40.14	40.07	-2.40	.69140	1.61	4.63	184	
36	1	11.84	10.95	10.85	1.49	.69461	.89	1.87	172	
37	1	13.21	13.80	13.80	.03	.70234	-.59	-1.87	179	
38	1	16.24	15.38	15.37	.49	.70417	.86	2.20	178	
39	1	4.75	1.25	.11	1.24	.70077	.86	2.20	84	
40	1	11.54	10.09	10.02	-1.21	.70189	3.50	3.59	354	
41	1	36.37	36.60	36.53	2.20	.69486	1.45	3.05	3	
42	1	33.57	33.11	33.02	-2.47	.67777	-.22	-.73	3	
43	1	15.39	14.45	14.43	.70	.66503	.46	1.57	185	
44	1	22.38	21.25	21.18	1.70	.65689	.94	2.54	2	
45	1	19.47	18.81	18.75	1.45	.65353	1.13	3.55	4	
46	1	7.68	6.68	6.68	.18	.65502	.66	2.02	4	
47	1	14.32	13.25	13.25	-.24	.66133	1.00	1.69	1	
48	1	10.94	9.50	9.46	.82	.667231	1.07	2.69	182	
49	1	7.57	8.71	8.70	.24	.68776	1.44	3.14	4	
50	1	12.84	13.34	13.33	-.20	.67895	-.13	-1.13	4	
51	1	2.49	2.11	1.96	.78	.67286	-.50	-1.11	178	
52	1	14.71	15.93	15.76	2.37	.65062	.39	.22	181	
53	1	5.09	5.57	4.39	-1.26	.63263	-1.22	-3.15	21	
54	1	40.12	40.08	40.07	1.17	.61927	.52	.62	8	
55	1	37.71	37.68	37.64	1.63	.61083	.03	.10	197	
56	1	2.81	3.56	3.52	.55	.60752	.78	.10	1	

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IN	LN	LC	GR	FN	FC	A	B	SIN ² /LW	DE	WAVE	ANGLE CALC	ANGLE STAT
6	-7	4	1	21.54	21.03	21.01	1.69	.70035	.45	1.36	181	
6	-6	1	1	24.41	25.11	25.10	.73	.66924	-.30	-.95	4	
6	-6	1	1	15.72	16.39	-16.39	-.31	.62812	-.68	-1.88	182	
6	-6	1	1	30.15	30.23	30.16	2.11	.58954	-.08	-.30	4	
6	-5	1	1	2.53	5.27	-5.18	-1.00	.55400	-2.74	-1.87	191	
6	-5	1	1	5.40	5.11	-5.10	-.27	.52214	.70	1.15	183	
6	-5	1	1	3.99	2.73	-2.66	.61	.49469	1.26	1.49	167	
6	-5	1	1	21.29	20.18	19.87	3.54	.47236	1.11	4.51	10	
6	-6	1	1	7.57	6.53	6.47	-.88	.45599	1.04	2.35	353	
6	-6	1	1	12.84	12.33	12.32	.52	.44512	.50	1.69	2	
6	-6	1	1	11.83	10.25	10.21	.91	.44329	1.59	5.23	5	
6	-6	1	1	37.62	36.50	-36.50	-.38	.44759	-.98	-2.44	181	
6	-6	1	1	41.10	41.09	41.91	2.58	.45882	-.90	-2.15	3	
6	-6	1	1	25.63	25.88	-25.63	-1.67	.47650	-.25	-1.04	185	
6	-6	1	1	2.23	3.28	-3.27	-.24	.49994	-.05	-.76	4	
6	-6	1	1	14.46	14.44	14.40	1.07	.52837	.01	.05	4	
6	-6	1	1	18.93	19.22	19.02	2.75	.56104	-.28	-1.00	8	
6	-6	1	1	9.25	9.29	9.26	-.68	.59725	-.03	-.07	4	
6	-6	1	1	7.97	8.65	8.63	.61	.63640	-.68	-1.22	356	
6	-6	1	1	5.09	6.01	5.92	.99	.67798	-.92	-1.10	9	
6	-5	1	1	2.57	2.60	-2.59	-.15	.68959	-.28	.17	184	
6	-5	1	1	6.01	8.18	-8.17	-.38	.64515	-.17	-2.75	183	
6	-5	1	1	4.89	4.74	4.73	-.39	.60271	-2.17	-2.75	356	
6	-5	1	1	65.63	66.20	66.05	4.34	.56271	.15	.17	3	
6	-5	1	1	11.25	9.82	-9.76	-1.08	.52572	-1.42	3.78	187	
6	-5	1	1	17.02	15.39	16.38	.35	.49242	.64	2.31	1	
6	-5	1	1	5.48	6.58	-6.46	1.23	.46360	.78	1.81	169	
6	-5	1	1	4.43	3.44	3.44	1.96	.44014	.93	1.94	2	
6	-5	1	1	4.77	3.71	-3.70	.25	.42294	.33	2.08	175	
6	-5	1	1	39.48	39.11	-39.11	-.62	.41277	.36	.93	181	
6	-5	1	1	59.27	58.66	-58.66	-.72	.41016	.61	.95	181	
6	-5	1	1	4.40	3.71	-3.70	-.32	.41526	.68	1.05	185	
6	-5	1	1	71.82	72.03	71.92	4.11	.42778	-.21	-.32	192	
6	-5	1	1	67.43	67.06	-67.03	-2.07	.44711	.37	.54	3	
6	-5	1	1	23.70	24.12	24.11	.54	.47241	-.41	-1.76	1	
6	-5	1	1	49.90	50.17	50.13	2.04	.50278	-.27	-.64	2	
6	-5	1	1	34.41	34.64	34.60	1.68	.53736	-.23	-.70	2	
6	-5	1	1	11.03	12.03	12.01	.66	.57539	-.94	-2.43	3	
6	-5	1	1	6.03	5.04	-5.02	.46	.61623	.99	1.46	186	
6	-5	1	1	6.11	.71	.70	-.08	.65937	5.40	7.86	354	
6	-5	1	1	14.77	13.76	-13.76	-.14	.70437	1.02	2.53	181	
6	-4	1	1	7.45	6.91	-6.91	-.20	.67041	.54	.81	182	
6	-4	1	1	9.91	10.94	10.94	-.11	.62490	-.54	-.81	0	
6	-4	1	1	25.37	25.78	25.77	.72	.58131	-1.03	-2.12	1	
6	-4	1	1	30.63	30.72	30.48	3.83	.54008	-.09	-1.48	7	
6	-4	1	1	16.72	17.31	-17.29	-.88	.50180	-.59	-2.07	183	
6	-4	1	1	32.78	32.93	32.92	.56	.46720	-.15	-.48	0	
6	-4	1	1	30.10	29.21	29.20	.67	.43715	.89	3.20	1	
6	-4	1	1	54.49	53.72	-53.71	-.84	.41264	.77	1.67	181	
6	-4	1	1	5.79	5.51	4.95	2.42	.39471	.28	.54	26	
6	-4	1	1	2.17	2.18	-2.02	-.81	.38429	-.01	-.00	202	
6	-4	1	1	15.50	15.52	-15.51	-.58	.38198	-.03	-.11	183	
6	-4	1	1	2.66	3.83	-3.75	.76	.38793	-1.17	-1.15	168	
6	-4	1	1	16.92	15.56	15.14	3.60	.40178	1.35	5.78	13	
6	-4	1	1	28.19	29.09	29.08	-.61	.42274	-.90	-3.32	359	
6	-4	1	1	2.02	1.31	1.25	.41	.44983	.71	.49	18	

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IN	NO	LC	GP	FD	FC	A	B	SITH/LW	DF	W*DF	ANGLE CALC	ANGLE STAT
6	1	1	1	22.41	22.00	21.98	4.84	4.8202	.61	2.51	181	181
6	2	1	1	17.93	17.19	17.10	4.12	5.1835	.23	.81	2	2
6	3	1	1	30.34	30.73	30.63	2.48	5.5801	.39	-1.44	4	4
6	4	1	1	11.95	32.56	-32.52	-1.60	4.0036	-.61	-2.23	183	183
6	5	1	1	2.33	4.40	-.38	-.28	5.4485	1.93	1.16	226	226
6	6	1	1	25.21	34.07	34.04	1.31	6.9107	1.14	3.93	2	2
6	7	1	1	40.33	50.16	50.01	4.28	7.0301	.72	.51	4	4
6	8	1	1	12.90	12.22	-12.21	-.42	6.5521	.68	1.57	192	192
6	9	1	1	30.33	30.07	-30.07	-.31	6.0889	.26	.94	181	181
6	10	1	1	5.60	2.89	2.83	.54	5.6439	2.71	3.94	11	11
6	11	1	1	26.49	25.89	25.89	1.60	5.2218	.59	2.39	3	3
6	12	1	1	12.97	13.49	13.47	.30	4.8288	.50	-1.86	1	1
6	13	1	1	20.46	20.11	-20.11	-.11	4.4723	.35	-1.41	181	181
6	14	1	1	33.39	33.66	33.66	.00	4.1619	-.26	-.84	0	0
6	15	1	1	29.57	27.41	-27.40	-.83	3.9086	1.15	4.15	182	182
6	16	1	1	8.59	8.43	8.37	-.95	3.7239	.98	1.61	4	4
6	17	1	1	36.44	35.88	35.88	.45	3.6184	.17	.50	354	354
6	18	1	1	4.73	3.54	3.36	1.11	3.5991	.57	1.57	0	0
6	19	1	1	45.79	47.13	-47.12	.89	3.6673	1.19	2.13	18	18
6	20	1	1	54.03	54.81	54.80	.98	3.8184	-1.34	-3.05	178	178
6	21	1	1	6.23	5.53	-5.52	-.31	4.3299	-.78	-1.72	1	1
6	22	1	1	30.25	30.59	-30.58	-.64	4.6674	.74	1.53	184	184
6	23	1	1	31.65	30.29	-30.28	-.68	5.0455	-.34	-1.07	182	182
6	24	1	1	71.00	71.25	71.12	4.20	5.5456	1.37	4.58	182	182
6	25	1	1	4.77	1.25	-.34	-1.21	5.8912	3.52	4.56	3	3
6	26	1	1	2.35	1.26	-1.23	.29	6.3470	3.52	4.56	255	255
6	27	1	1	11.82	11.90	11.81	1.46	6.6188	1.09	.65	166	166
6	28	1	1	39.98	39.70	39.53	3.67	6.9257	-.08	-.18	7	7
6	29	1	1	15.39	15.38	-15.36	-.80	6.4430	.28	.98	5	5
6	30	1	1	15.41	15.54	-15.54	-.20	5.9744	.01	.02	183	183
6	31	1	1	39.50	39.29	-39.29	-.41	5.5236	-.13	-.37	181	181
6	32	1	1	2.98	5.57	4.55	-.57	5.0953	.20	.61	181	181
6	33	1	1	45.82	45.66	45.56	3.01	4.6956	-2.59	-2.10	186	186
6	34	1	1	19.79	19.79	-19.79	.00	4.3326	.17	.40	3	3
6	35	1	1	15.23	15.54	-15.54	-.37	4.0160	-.40	-1.62	0	0
6	36	1	1	55.33	53.88	53.87	.73	3.7578	-.31	-1.17	182	182
6	37	1	1	90.86	90.41	90.29	4.61	3.5706	1.45	2.39	0	0
6	38	1	1	38.20	38.11	-38.10	-1.05	3.4659	.46	.79	2	2
6	39	1	1	1.86	.29	-.22	.19	3.4512	.09	.26	182	182
6	40	1	1	6.30	6.91	6.91	.29	3.5276	1.57	1.18	138	138
6	41	1	1	4.53	3.94	3.86	-.78	3.6896	-.61	-1.40	2	2
6	42	1	1	10.58	10.28	-9.91	2.72	3.9264	.60	1.03	349	349
6	43	1	1	37.76	39.22	-39.21	-1.04	4.2256	.30	.98	164	164
6	44	1	1	11.84	11.20	-11.19	-.44	4.2256	-.46	-4.25	182	182
6	45	1	1	6.87	5.99	5.93	.84	4.9639	.64	2.06	183	183
6	46	1	1	40.40	40.50	40.35	3.44	4.5383	.88	1.73	8	8
6	47	1	1	4.11	1.96	1.89	-.51	5.8279	-.10	-.27	4	4
6	48	1	1	17.30	17.53	17.52	.51	6.2913	2.15	2.46	345	345
6	49	1	1	4.47	4.22	4.19	.49	6.7698	-.23	-.68	1	1
6	50	1	1	4.17	3.16	-3.02	.94	6.8632	.25	.25	6	6
6	51	1	1	13.65	13.82	-13.82	-.00	6.3787	1.01	.89	162	162
6	52	1	1	18.39	17.96	-17.95	.56	5.9082	-.17	-.42	181	181
6	53	1	1	6.54	5.99	-5.99	-.08	5.4554	.43	1.35	1	1
6	54	1	1	26.42	25.12	-25.09	-.12	5.0250	.55	.93	181	181
6	55	1	1	39.26	38.79	38.51	4.65	4.66233	1.30	5.12	183	183
6	56	1	1						.47	1.31	6	6

M	K	L	REF	FO	FC	A	B	STWTH/LM	DF	WADF	ANGLE	ANGLE
											STAT	STAT
6	-1	-10	1	10.43	9.13	9.13	-.19	.42585	1.35	3.93	178	178
5	-1	-8	1	13.93	12.95	12.95	-.07	.39409	.98	3.62	359	359
6	-1	-7	1	33.66	33.41	33.39	.85	.36825	.25	4.79	1	1
5	-1	-6	1	11.97	10.79	10.73	1.15	.34966	1.18	4.49	6	6
5	-1	-5	1	5.93	6.19	6.16	.62	.33951	-.22	-.49	5	5
4	-1	-4	1	3.34	2.12	2.12	.18	.33697	1.71	2.76	4	4
4	-1	-3	1	19.21	19.57	18.56	-.33	.34690	.64	2.96	182	182
5	-1	-3	1	26.50	27.06	27.05	-.83	.36388	-.44	-.71	182	182
6	-1	-2	1	48.77	48.59	48.37	4.53	.38836	.19	.42	5	5
6	-1	-1	1	6.59	5.24	4.19	-.82	.41903	.31	.65	189	189
6	-1	0	1	5.99	6.90	6.90	.05	.45465	-.91	-1.65	179	179
6	-1	0	1	11.90	12.58	12.53	1.16	.49415	-.69	-2.07	5	5
6	-1	1	1	16.96	16.03	16.02	.66	.53666	.93	1.16	177	177
6	-1	2	1	17.77	17.61	17.59	.98	.58153	.16	.54	3	3
6	-1	3	1	2.37	9.34	9.23	-.25	.62826	2.04	1.20	313	313
6	0	4	1	10.09	9.08	9.07	-.35	.67645	1.01	1.98	358	358
6	0	5	1	23.72	23.26	23.25	-.81	.68438	.46	1.42	193	193
6	0	14	1	48.94	48.56	48.47	2.93	.63607	.38	.94	3	3
6	0	14	1	17.20	17.94	17.91	1.00	.58920	-.74	-2.35	3	3
6	0	13	1	11.03	10.93	10.93	-.05	.54412	.10	.27	0	0
6	0	12	1	32.17	32.30	32.29	-.82	.50134	-.19	-.64	182	182
6	0	11	1	38.93	37.44	37.24	3.87	.46148	1.49	4.10	5	5
6	0	11	1	41.65	42.03	42.02	-.86	.42537	-.38	-.95	192	192
6	0	9	1	19.67	19.32	19.32	-.08	.39404	.35	1.51	181	181
6	0	8	1	9.33	9.51	9.51	.12	.36871	-.18	-.56	0	0
6	0	6	1	38.30	36.89	36.87	1.15	.35069	1.41	4.04	182	182
6	0	6	1	8.71	8.27	8.19	3.63	.34112	-.24	-.42	2	2
6	0	4	1	37.34	4.99	4.98	.21	.34074	3.73	11.76	2	2
6	0	3	1	6.79	7.29	7.29	.20	.36692	-.50	-1.22	178	178
6	0	2	1	16.25	14.36	13.90	3.61	.39169	1.89	7.84	14	14
6	0	1	1	10.86	11.09	11.08	-.54	.42257	-.23	-.73	358	358
6	0	0	1	15.05	14.68	14.67	.29	.45833	.38	1.40	1	1
6	0	0	1	2.12	1.71	1.71	.02	.49791	.41	.27	179	179
6	0	0	1	53.68	54.76	54.74	1.49	.54047	1.08	-2.37	182	182
6	0	0	1	49.04	48.84	48.73	3.19	.58538	.20	.48	3	3
6	0	0	1	2.39	5.8	5.8	-.49	.63211	1.81	1.05	238	238
6	0	0	1	4.90	6.43	6.43	-.34	.68031	1.53	-1.58	184	184
6	0	0	1	3.56	1.66	1.29	1.03	.68677	1.91	1.46	219	219
6	0	0	1	40.33	41.02	40.80	4.21	.63894	-.68	-1.93	5	5
6	0	0	1	12.87	12.95	12.95	.35	.59261	-.09	-.22	1	1
6	0	0	1	9.28	10.14	10.13	-.37	.54816	-.85	-1.94	193	193
6	0	0	1	42.14	42.42	42.41	-.61	.50609	-.28	-.72	181	181
6	0	0	1	8.68	7.99	7.93	.99	.46704	.69	1.66	7	7
6	0	0	1	16.93	17.71	17.70	.57	.43184	.78	1.66	1	1
6	0	0	1	14.08	12.90	12.88	.64	.40148	1.18	4.37	177	177
6	0	0	1	77.47	76.98	76.98	-.53	.37715	.49	.81	181	181
6	0	0	1	24.39	23.81	23.80	-.91	.36007	.58	2.22	358	358
6	0	0	1	111.05	108.65	108.51	5.47	.35130	2.40	4.21	2	2
6	0	0	1	12.59	10.14	10.14	-.30	.35146	2.45	9.62	359	359
6	0	0	1	5.71	2.91	2.90	-.23	.36054	2.79	5.96	185	185
6	0	0	1	43.97	45.12	45.11	.75	.37789	-1.15	-2.59	0	0
6	0	0	1	24.90	26.43	26.41	1.08	.40246	-1.53	-5.95	2	2
6	0	0	1	22.61	23.92	23.91	.53	.43300	-1.31	-5.49	178	178
6	0	0	1	6.36	4.89	4.89	.10	.46836	1.47	2.96	1	1
6	0	0	1	7.89	7.91	7.90	-.37	.50753	-.02	-.05	183	183

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IN	X	L	GRP	FN	FC	A	R	SINTH/LM	DE	W*DE	ANGLE CALC	ANGLI STAT
6	4	-7	1	4.19	1.23	1.01	-0.70	0.54970	2.97	3.47	183	
6	4	-9	1	28.84	28.88	28.61	3.92	0.59422	-0.04	-0.14	326	
6	4	-11	1	12.33	9.80	-9.72	-0.67	0.64061	2.54	6.37	7	
6	4	-13	1	3.00	3.07	3.06	0.21	0.68848	-0.07	-0.05	184	
6	4	-15	1	17.35	16.93	16.91	-0.79	0.69346	0.43	1.14	3	
6	4	-17	1	5.30	5.49	4.71	2.83	0.64641	-0.19	-0.22	358	
6	4	-19	1	24.07	24.62	-24.61	-0.70	0.60097	-0.55	-1.89	30	
6	4	-21	1	8.48	8.17	8.17	0.28	0.55753	0.31	0.64	182	
6	4	-23	1	27.95	27.99	27.99	0.54	0.51659	-0.04	-0.15	1	
6	4	-25	1	38.46	37.30	-37.28	-1.37	0.47879	1.16	3.41	183	
6	4	-27	1	13.04	12.63	12.27	3.02	0.44494	0.40	1.29	13	
6	4	-29	1	54.20	53.52	53.50	1.31	0.41599	0.68	1.45	0	
6	4	-31	1	6.79	5.85	5.85	-0.09	0.39304	0.94	2.05	1	
6	4	-33	1	21.83	21.69	-21.67	-0.77	0.37718	0.14	0.66	183	
6	4	-35	1	5.03	3.49	22.05	3.36	0.36933	1.54	2.76	74	
6	4	-37	1	20.70	22.05	22.05	-0.31	0.36999	-1.35	-5.75	0	
6	4	-39	1	5.49	6.61	6.61	0.07	0.37912	-1.12	-2.13	0	
6	4	-41	1	18.64	18.89	18.89	0.26	0.39614	-0.25	-1.10	0	
6	4	-43	1	15.73	16.07	16.04	-1.09	0.42008	-0.30	-1.14	0	
6	4	-45	1	49.13	48.92	48.79	3.54	0.44985	0.22	0.44	357	
6	4	-47	1	15.73	16.38	-16.38	0.16	0.48437	-0.65	-2.28	4	
6	4	-49	1	5.49	3.61	-3.61	-0.22	0.52270	1.88	2.96	179	
6	4	-51	1	24.25	23.93	23.93	0.41	0.56407	0.32	1.20	184	
6	4	-53	1	5.83	5.73	5.11	2.53	0.50785	0.10	0.15	0	
6	4	-55	1	21.33	19.64	-19.63	-0.50	0.65355	1.74	5.44	26	
6	4	-57	1	3.28	0.20	0.19	0.08	0.70082	3.09	2.11	192	
6	4	-59	1	29.31	29.14	-29.13	-0.90	0.70432	0.17	0.55	182	
6	4	-61	1	33.31	32.96	32.95	1.08	0.65834	0.35	1.23	1	
6	4	-63	1	11.86	11.35	11.33	0.71	0.61409	0.51	1.27	3	
6	4	-65	1	24.27	24.82	24.78	1.45	0.57197	-0.55	-2.00	181	
6	4	-67	1	32.29	32.69	32.68	0.80	0.53249	-0.40	-1.42	179	
6	4	-69	1	19.47	18.75	-18.65	0.80	0.49629	-0.40	-1.42	1	
6	4	-71	1	46.18	46.31	46.10	-1.62	0.46412	0.72	2.74	185	
6	4	-73	1	2.09	0.31	0.31	0.04	0.43688	-0.13	-0.32	5	
6	4	-75	1	38.19	37.28	37.28	-0.10	0.41554	1.78	1.19	172	
6	4	-77	1	61.54	61.75	-61.75	0.63	0.40104	0.90	2.64	0	
6	4	-79	1	27.47	28.33	-28.32	-0.63	0.39414	-0.21	-0.33	181	
6	4	-81	1	15.69	15.53	15.50	0.28	0.39524	-0.86	-3.20	3	
6	4	-83	1	26.82	27.06	27.04	0.96	0.39524	0.16	0.63	179	
6	4	-85	1	6.11	5.52	5.52	1.07	0.44426	-0.25	-0.91	3	
6	4	-87	1	30.43	30.84	-30.80	0.14	0.42071	0.59	1.12	2	
6	4	-89	1	98.11	99.75	99.63	-1.41	0.44376	-0.36	-1.27	1	
6	4	-91	1	9.30	10.64	10.64	4.97	0.47243	-1.64	-2.36	183	
6	4	-93	1	7.23	8.00	8.00	-0.02	0.50578	-1.34	-3.20	0	
6	4	-95	1	20.91	20.00	-20.00	0.02	0.54295	-0.77	-1.41	0	
6	4	-97	1	15.61	15.15	-15.15	0.10	0.58320	0.91	3.13	179	
6	4	-99	1	14.03	13.39	13.35	0.13	0.62594	0.46	1.27	179	
6	4	-101	1	7.45	8.35	8.32	1.03	0.67070	0.65	1.60	4	
6	4	-103	1	38.47	38.43	38.32	-0.60	0.67447	-0.89	-1.33	356	
6	4	-105	1	41.49	42.59	42.55	2.82	0.63165	0.04	0.04	4	
6	4	-107	1	3.99	4.74	4.74	1.78	0.59111	-1.10	-3.10	2	
6	4	-109	1	8.12	8.70	-8.60	0.01	0.55334	-0.75	-0.80	0	
6	4	-111	1	41.02	40.26	40.14	3.10	0.51895	-0.57	-1.24	189	
6	4	-113	1	20.74	20.74	-20.74	-0.52	0.48867	0.77	2.04	4	
6	4	-115	1	21.64	21.64	-21.64	0.18	0.46328	0.00	0.01	182	
6	4	-117	1	7.61	5.63	-5.63	0.05	0.44364	0.42	1.69	179	
6	4	-119	1					0.43052	1.98	4.49	179	

	H	X	L	GRF	FG	FC	A	B	SINTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
6	4	4	-6	1	4.46	1.55	1.01	-1.15	.42455	2.91	4.19	184	
6	4	4	-4	1	28.33	23.00	27.80	3.33	.42690	.33	1.18	311	
6	4	4	-4	1	8.48	8.89		1.08	.43483	.47	-1.16	6	
6	4	4	-3	1	16.99	17.80	-17.79	.330	.45058	.80	-3.05	181	
6	4	4	-2	1	6.43	6.68	5.65	-4.9	.47256	.25	-4.46	356	
6	4	4	-1	1	41.43	42.20	42.09	3.12	.49997	.78	-2.02	4	
6	4	4	0	1	6.59	7.18	7.18	-.32	.53195	.60	-1.05	358	
6	4	4	1	1	2.27	2.24	-2.23	.15	.56773	.03	.02	176	
6	4	4	2	1	10.73	10.15	10.14	.18	.60665	.58	1.35	354	
6	4	4	3	1	10.09	8.78	9.73	-.94	.64814	1.32	2.68	7	
6	4	4	4	1	22.12	20.54	20.65	2.81	.69173	1.28	3.83	187	
6	4	4	-15	1	16.83	16.78	-16.68	-1.79	.69452	.05	.13	187	
6	4	4	-14	1	21.15	20.43	20.19	3.16	.65331	.73	2.29	8	
6	4	4	-13	1	2.36	1.76	1.74	.27	.61450	.69	.36	8	
6	4	4	-12	1	2.83	3.58	-3.58	-.19	.57859	.75	-.55	184	
6	4	4	-11	1	16.63	15.45	15.45	-.27	.54614	1.17	3.84	0	
6	4	4	-10	1	5.82	6.00	-5.99	.43	.51781	-.19	-.29	175	
6	4	4	-9	1	2.22	3.32	3.20	.89	.49431	-.10	-.70	15	
6	4	4	-6	1	30.72	30.31	30.27	1.63	.47634	1.10	1.38	3	
6	4	4	-7	1	35.31	34.22	34.20	.91	.46456	.40	1.09	1	
6	4	4	-6	1	35.21	35.31	-35.25	-1.95	.45943	-.10	-.31	184	
6	4	4	-5	1	16.57	15.70	15.22	3.87	.46119	.87	3.14	14	
6	4	4	-4	1	24.57	25.23	25.23	.25	.46975	-.65	-2.63	0	
6	4	4	-3	1	13.95	12.94	-12.93	-.30	.48476	1.01	3.31	182	
6	4	4	-2	1	12.54	12.03	-12.02	-.30	.50563	.51	1.50	182	
6	4	4	-1	1	16.28	14.83	-14.83	-.01	.53168	1.45	4.85	181	
6	4	4	0	1	30.62	30.38	30.35	1.37	.56220	.24	.80	2	
6	4	4	1	1	26.14	25.33	25.31	.91	.59649	.81	2.93	2	
6	4	4	2	1	18.31	17.79	17.78	.28	.63394	.52	1.54	0	
6	4	4	3	1	10.09	7.46	7.41	-.89	.67403	2.62	5.12	354	
6	4	4	-14	1	20.44	20.52	20.40	2.25	.67867	-.08	-.24	6	
6	4	4	-13	1	18.52	18.93	-18.98	-.23	.54169	-.46	-1.36	181	
6	4	4	-12	1	10.75	10.20	10.17	.70	.60770	.55	1.26	3	
6	4	4	-11	1	10.25	10.19	10.17	.58	.57722	.07	.15	3	
6	4	4	-10	1	15.65	16.20	16.17	-.86	.55083	-.55	-1.69	357	
6	4	4	-9	1	35.15	33.77	33.63	3.02	.52915	1.38	4.46	5	
6	4	4	-8	1	31.31	31.59	31.55	1.53	.51277	-.29	-.92	2	
6	4	4	-7	1	32.64	32.62	32.62	.43	.50222	.02	.08	0	
6	4	4	-6	1	31.04	30.50	-30.45	-1.61	.49786	.54	1.76	184	
6	4	4	-5	1	13.32	14.18	14.00	2.28	.49986	-.86	-2.67	9	
6	4	4	-4	1	30.56	31.14	-31.14	-.50	.50814	-.58	-2.01	181	
6	4	4	-3	1	31.37	31.12	31.11	.73	.52241	.25	.79	1	
6	4	4	-2	1	2.21	3.15	-3.15	.21	.54218	-.95	-.50	176	
6	4	4	-1	1	32.89	33.62	-33.58	-1.68	.56689	-.74	-2.43	183	
6	4	4	0	1	45.07	44.96	44.85	3.25	.59591	.11	.27	4	
6	4	4	1	1	33.20	33.65	33.63	1.25	.62867	-.45	-1.41	2	
6	4	4	2	1	12.59	12.82	12.82	.12	.66459	-.23	-.53	0	
6	4	4	3	1	25.32	23.69	-23.67	-.88	.70320	1.63	4.96	183	
6	4	4	-13	1	15.47	15.24	15.20	.98	.67222	.24	.63	3	
6	4	4	-12	1	32.81	32.99	32.93	.98	.64014	-.17	-.62	3	
6	4	4	-11	1	13.16	11.91	-11.89	.60	.61159	1.26	3.30	177	
6	4	4	-10	1	2.30	2.33	1.39	-1.86	.58707	-.03	-.02	307	
6	4	4	-9	1	59.50	59.09	58.99	3.48	.56711	.41	.72	3	
6	4	4	-8	1	12.26	11.96	11.95	.45	.55220	.30	.80	2	
6	4	4	-7	1	17.80	18.25	-18.25	-.36	.54276	-.45	-1.51	182	
6	4	4	-6	1	2.21	.71	.58	-.40	.53908	1.51	.95	326	

	+	X	L	FC	A	B	SINTH/LM	DF	W*OF	ANGLE CALC	ANGLE STAT
25.63	24.30	24.30	.49	.54127	1.38	5.36	186				
3.04	1.07	-1.47	.97	.54927	1.97	1.65	115				
18.56	19.68	19.63	1.35	.56283	-.12	-.39	4				
6.09	5.23	5.20	.51	.58155	.86	1.30	5				
14.72	14.75	-14.67	.19	.50495	-.03	-.09	186				
26.91	27.46	-27.27	3.19	.53254	-.64	-2.19	6				
3.77	1.45	-1.44	.11	.66377	2.32	1.93	175				
9.85	8.43	-7.43	.14	.60816	1.42	2.63	181				
6.26	7.43	7.31	1.34	.67543	.83	1.37	10				
18.95	19.06	18.06	.47	.64873	.88	2.51	1				
25.82	26.05	-25.97	.62	.62596	-.23	-.80	195				
11.80	9.60	9.44	1.77	.60759	2.20	5.41	10				
5.03	5.25	5.25	.11	.59402	-.25	-.30	1				
12.53	11.58	11.54	.93	.58558	.96	2.55	4				
39.81	39.38	39.37	1.03	.58249	.43	1.22	4				
12.21	11.57	-11.49	1.30	.58484	.65	1.66	187				
34.73	36.38	36.27	2.78	.59257	.35	1.06	4				
6.33	6.65	6.54	1.17	.60547	-.27	-.40	10				
7.86	7.10	7.09	.23	.62321	.77	1.33	1				
12.02	12.36	-12.29	1.36	.64541	-.34	-.78	187				
10.93	9.26	-9.15	1.45	.67161	1.47	3.43	170				
14.08	12.27	-12.27	.14	.70137	1.81	4.29	181				
3.93	4.51	4.50	.32	.68819	-.58	-.47	4				
39.59	39.04	-39.03	.87	.66705	.55	1.74	182				
5.53	4.02	4.01	.32	.65014	1.51	1.88	4				
18.80	17.98	17.95	1.06	.63776	.82	2.50	3				
47.94	47.11	47.07	1.99	.63021	.83	2.07	2				
13.32	13.23	13.19	1.03	.62764	.83	.23	4				
15.15	14.35	-14.21	2.00	.63012	.80	2.17	189				
27.74	27.95	27.81	2.74	.63760	-.21	-.72	5				
2.99	2.43	-2.42	.22	.64989	.57	.39	174				
12.43	12.23	-12.23	.42	.66674	.25	.59	1				
9.68	10.44	-10.42	.51	.68780	.75	-1.35	183				
10.03	8.23	-8.14	1.25	.69436	1.80	3.42	189				
15.52	14.90	14.78	1.92	.69306	.62	1.63	7				
23.54	23.21	23.17	1.38	.67629	.33	1.04	3				
8.89	8.26	-8.26	.10	.67418	.63	1.11	179				
9.39	8.00	-7.85	1.59	.67677	1.39	2.54	192				
33.15	32.10	32.05	1.69	.68401	1.05	3.54	3				
3.84	2.82	2.81	.24	.69575	1.02	.78	4				
22.21	23.28	23.21	1.78	.70362	-1.07	-3.12	4				
2.51	.81	.79	.16	.69094	1.70	.95	349				
19.04	18.37	-19.37	.16	.68269	.67	1.89	181				
2.55	1.17	.86	.79	.67904	1.38	.76	42				
12.09	11.48	11.47	.86	.68005	.61	1.34	1				
32.19	31.38	31.33	1.90	.68571	.81	2.70	3				
53.50	51.60	-51.53	2.66	.69590	1.90	3.99	183				
37.99	37.20	37.18	1.13	.70020	.79	2.48	1				
18.75	18.79	18.74	1.47	.67843	-.04	-.11	4				
3.25	2.96	-2.90	.61	.66076	.29	.22	168				
19.55	19.17	19.12	1.28	.64754	.38	1.14	3				
12.86	12.31	-12.23	1.40	.63902	.55	1.32	187				
20.32	19.78	-19.78	.25	.63541	.54	1.67	181				
2.44	2.00	1.91	.62	.63679	.44	.25	17				
17.57	17.70	17.58	1.99	.64312	-.12	-.35	6				
34.66	33.26	-33.21	1.78	.65426	1.40	4.28	184				

	IN	LN	TYPE	FD	FC	A	R	SINHTLM	DF	W*DF	ANGLE CALC	ANGLE STAT
7	-10	-7	1	10.70	10.79	10.76	.80	.66998	-.09	-.19	181	
7	-10	-7	1	31.33	30.78	30.73	1.76	.68995	.55	1.87	4	
7	-9	-12	1	13.82	14.68	14.68	-.00	.66774	-.86	-2.02	3	
7	-9	-11	1	3.04	3.88	3.88	.13	.66106	.06	.05	0	
7	-9	-10	1	26.03	25.64	25.63	.63	.63826	.45	1.52	1	
7	-9	-9	1	8.22	6.91	-6.90	-.28	.61975	1.31	2.41	183	
7	-9	-7	1	15.99	22.45	22.32	2.41	.60594	-.07	-.24	6	
7	-9	-6	1	3.09	18.78	-18.67	-2.03	.59715	.21	.67	187	
7	-9	-5	1	2.74	.88	.22	.32	.59250	2.69	2.21	54	
7	-9	-4	1	15.75	1.60	.85	1.35	.59539	1.14	.21	57	
7	-9	-3	1	38.87	38.56	38.55	1.33	.60247	1.07	3.29	175	
7	-9	-2	1	10.40	10.09	-10.09	.55	.61465	.32	.85	0	
7	-9	-1	1	13.90	13.47	-13.46	.45	.63309	.31	.69	181	
7	-9	0	1	2.49	.42	.58	.20	.67853	.43	1.13	178	
7	-8	-13	1	19.79	19.01	19.00	.63	.64856	1.87	1.05	18	
7	-8	-12	1	21.07	19.73	19.68	1.45	.65214	.78	2.23	1	
7	-8	-11	1	39.01	39.23	-39.20	-1.57	.62424	1.34	4.20	4	
7	-8	-10	1	2.32	.45	.39	-.23	.60035	-.22	-.64	183	
7	-8	-9	1	25.09	25.26	25.25	.84	.58096	1.87	1.13	330	
7	-8	-8	1	49.06	49.58	49.46	.36	.56654	-.18	-.65	1	
7	-8	-7	1	28.35	28.09	-28.04	-1.60	.55746	-.52	-1.09	3	
7	-8	-6	1	17.51	17.30	17.28	.88	.55400	.27	.99	184	
7	-8	-5	1	10.98	10.86	10.74	1.45	.55626	.21	.68	2	
7	-8	-4	1	8.01	6.18	-6.17	.37	.56646	.12	.32	7	
7	-8	-3	1	16.55	15.73	15.65	1.65	.57748	1.83	3.78	176	
7	-8	-2	1	41.75	42.01	-41.97	-1.83	.59585	.82	2.63	6	
7	-8	-1	1	9.73	1.81	10.07	-.17	.61884	-.31	-.89	183	
7	-8	0	1	34.69	33.80	33.72	.69	.64593	.53	.32	185	
7	-7	-14	1	11.30	12.80	-12.80	.29	.67664	-.40	-.79	3	
7	-7	-13	1	3.22	4.75	-4.72	-.48	.65201	.89	3.14	3	
7	-7	-12	1	13.44	14.39	14.10	2.90	.61930	-1.50	-3.09	182	
7	-7	-11	1	16.93	17.03	-16.95	-1.59	.59017	-1.52	-1.09	186	
7	-7	-10	1	4.10	.38	.30	.24	.56518	-.95	-2.42	11	
7	-7	-9	1	32.21	31.72	31.66	1.82	.54488	-.10	-.30	186	
7	-7	-8	1	23.34	23.15	23.05	2.19	.52983	.50	4.11	141	
7	-7	-7	1	13.92	14.42	14.42	.15	.52048	.72	3.72	3	
7	-7	-6	1	12.03	10.34	10.84	.09	.51713	.19	1.56	5	
7	-7	-5	1	2.14	1.11	-1.10	.14	.51991	.50	.73	0	
7	-7	-4	1	13.21	13.01	13.01	-.14	.52871	1.24	3.60	0	
7	-7	-3	1	15.28	15.71	15.49	.64	.54325	1.04	.68	172	
7	-7	-2	1	40.79	40.25	-40.19	-2.27	.56308	.20	.60	0	
7	-7	-1	1	5.10	4.39	-4.39	.19	.58766	-.43	-1.39	9	
7	-7	0	1	26.09	25.71	25.65	1.70	.61643	.54	1.45	184	
7	-6	-15	1	25.30	25.18	25.13	1.45	.64883	.71	.96	177	
7	-6	-14	1	2.94	3.30	3.28	.37	.68434	.39	1.38	3	
7	-6	-13	1	12.28	12.66	-12.64	.70	.70030	.13	.43	3	
7	-6	-12	1	17.13	16.07	-16.06	-.47	.66068	-.36	-.24	6	
7	-6	-11	1	14.34	14.12	-14.12	.18	.62365	-.38	-.81	184	
7	-6	-10	1	31.43	31.70	31.48	.375	.58969	1.06	3.00	182	
7	-6	-9	1	3.71	3.94	-3.79	-1.07	.55936	.23	.60	179	
7	-6	-8	1	33.16	32.88	32.36	.43	.53327	-.23	-.74	6	
7	-6	-7	1	24.90	25.19	25.19	1.21	.51208	-.27	-.22	196	
7	-6	-6	1	35.79	36.45	36.39	2.09	.49641	.27	.21	10	
7	-6	-5	1					.48680	-.30	-.91	2	
7	-6	-4	1						-.66	-1.11	181	
7	-6	-3	1						-1.94		3	

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	EQ	FC	A	B	SINHT/LM	DE	W*DE	ANGLE CALC	ANGLE STAT
7	6.74	7.24	-7.14	-1.22	.46361	-.51	-.98	190	
7	34.80	35.15	35.15	-.14	.48897	-.35	-1.02	0	
7	7.62	2.50	2.43	.57	.49674	5.12	10.99	13	
7	36.24	37.15	37.01	3.16	.51255	-.90	-2.81	4	
7	9.29	9.75	9.70	-.94	.52387	-.46	-1.11	355	
7	4.42	3.22	3.15	.65	.56008	1.20	1.56	11	
7	10.76	9.10	-9.05	1.02	.59051	1.65	3.96	173	
7	20.42	19.76	-17.76	-.16	.62856	.66	2.05	191	
7	47.57	46.71	46.65	2.24	.66166	.86	2.06	2	
7	25.53	24.80	-24.75	-1.54	.70133	.73	2.31	184	
7	6.90	11.11	11.10	-.57	.67781	-2.91	-2.68	352	
7	10.67	10.39	-10.39	-.03	.53710	.29	-.60	181	
7	7.66	4.35	-2.32	.77	.59893	-.70	-1.21	174	
7	35.52	37.39	37.31	2.44	.56381	1.13	3.33	3	
7	4.90	.33	.31	-.09	.53236	4.57	6.26	344	
7	33.78	34.34	-34.34	-.47	.50525	-.56	-1.70	181	
7	27.89	28.06	-28.06	-.54	.48322	-.17	-.60	182	
7	39.91	39.32	39.32	-.30	.46699	.59	1.63	0	
7	85.37	86.55	86.45	4.13	.44717	-1.18	-1.72	2	
7	59.23	58.25	-58.25	-1.93	.45419	1.04	2.12	182	
7	9.32	9.14	9.14	.35	.45817	.17	.46	2	
7	59.02	59.37	59.70	1.97	.46894	.17	-1.42	1	
7	49.60	50.37	50.32	2.14	.48605	-.77	-1.82	2	
7	9.91	9.80	-9.79	.16	.50885	.12	.31	179	
7	4.33	4.85	-4.85	-.11	.53663	-.51	-.67	182	
7	9.30	9.47	-9.47	-.11	.56865	-.17	-.41	181	
7	27.18	27.07	-27.06	-.52	.60425	.12	.43	182	
7	26.51	26.28	26.12	-.52	.54281	.24	.81	6	
7	19.38	19.22	-19.13	-1.90	.68386	.16	.46	186	
7	16.59	15.54	15.11	3.63	.70279	1.05	2.71	13	
7	2.48	3.34	3.27	-.69	.55909	-.86	-.49	348	
7	40.01	39.95	39.95	.48	.61745	.06	.16	0	
7	11.53	10.61	10.59	.55	.57830	.92	2.38	2	
7	34.35	33.32	-33.32	-.56	.54220	1.02	3.26	181	
7	9.45	9.67	9.49	1.89	.50978	-.22	-.54	11	
7	6.43	5.70	5.68	-.49	.48179	.72	1.39	356	
7	35.27	34.99	-34.98	-.77	.45905	.28	.84	182	
7	19.85	20.87	20.85	.47	.44236	.28	.84	182	
7	72.25	71.86	71.73	4.22	.43242	.39	.58	3	
7	3.81	4.52	-4.43	-.90	.42970	.71	-.97	192	
7	9.43	10.22	-10.21	.36	.43434	-.79	-2.21	177	
7	26.68	25.61	25.58	1.14	.44611	1.07	4.22	2	
7	16.21	15.04	15.04	.02	.46446	1.16	4.37	2	
7	13.14	13.35	13.18	2.13	.48866	-.20	-.67	9	
7	16.32	15.96	-15.90	-1.29	.51789	.37	1.28	9	
7	7.01	7.02	7.01	-.40	.55134	-.00	-.01	185	
7	29.71	29.36	29.34	.94	.58830	.36	1.38	357	
7	13.21	13.84	13.59	2.61	.62815	-.63	-1.61	10	
7	28.73	27.42	-27.40	-1.03	.67037	1.31	4.42	183	
7	16.28	17.04	16.93	1.89	.68880	-.76	-1.96	6	
7	9.36	2.61	2.61	-.11	.64445	6.75	12.72	358	
7	2.38	.34	.30	.17	.60211	2.05	1.20	29	
7	24.50	24.21	24.24	.09	.56223	.29	1.09	29	
7	13.79	13.29	-13.24	-1.12	.52538	.50	1.51	0	
7	63.56	63.77	63.62	4.38	.49224	-.21	-.41	185	
7	13.89	13.57	-13.55	-.69	.45360	.32	1.07	3	

H	A	L	GRP	FG	FC	A	E	STNTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
7	-3	-9	1	6.61	5.64	5.64	.11	.44034	.96	1.92	182	183
7	-3	-8	1	18.75	19.63	-19.62	.80	.42336	-.89	-3.62	177	177
7	-3	-7	1	18.60	18.25	-18.72	1.64	.41341	-.25	-1.05	175	175
7	-3	-6	1	45.24	44.47	44.46	.51	.41103	.77	1.45	0	0
7	-3	-5	1	3.43	.93	.93	-.09	.41633	2.50	2.97	355	355
7	-3	-4	1	16.51	16.05	-16.04	-.36	.42903	.57	2.24	182	182
7	-3	-3	1	25.09	24.68	-24.66	-.89	.44851	.41	1.75	183	183
7	-3	-2	1	102.95	105.25	105.16	4.42	.47392	-2.30	-3.30	2	2
7	-3	-1	1	7.95	7.97	-7.97	-1.24	.50438	-.02	-.05	189	189
7	-3	0	1	9.27	9.51	9.51	.24	.53902	-.25	-.60	1	1
7	-3	1	1	27.11	27.76	27.73	1.47	.57710	-.66	-.60	3	3
7	-3	2	1	26.40	26.43	26.40	1.34	.61797	-.03	-1.12	2	2
7	-3	3	1	7.84	8.49	8.46	.70	.66113	-.64	-1.09	4	4
7	-2	-16	1	6.55	7.45	7.45	-.18	.67893	-.89	-1.19	359	359
7	-2	-15	1	29.76	29.06	28.98	2.15	.63418	.49	2.45	4	4
7	-2	-14	1	6.52	5.07	5.05	.40	.59142	1.45	2.29	4	4
7	-2	-13	1	2.26	.27	.15	-.23	.55111	1.99	1.23	303	303
7	-2	-12	1	25.63	25.27	25.27	.09	.51383	.36	1.47	3	3
7	-2	-11	1	77.34	76.47	76.33	4.69	.48028	.84	1.23	185	185
7	-2	-10	1	13.05	11.45	-11.41	-.90	.45130	1.61	5.22	179	179
7	-2	-9	1	6.79	5.97	5.97	.07	.42781	.82	1.55	179	179
7	-2	-8	1	36.57	36.52	-36.52	.08	.41077	.05	.14	179	179
7	-2	-7	1	9.20	9.59	-9.58	.56	.40098	-.39	-1.10	184	184
7	-2	-6	1	31.01	31.33	31.23	2.50	.39900	-.33	-1.06	4	4
7	-2	-5	1	21.57	21.77	-21.76	-.67	.40492	-.20	-.87	182	182
7	-2	-4	1	2.55	1.31	1.17	-.59	.41842	1.24	1.05	334	334
7	-2	-3	1	44.42	45.76	45.75	.66	.43879	-1.34	-3.32	0	0
7	-2	-2	1	101.97	104.47	104.38	4.33	.46514	-2.50	-3.64	2	2
7	-2	-1	1	27.40	27.91	-27.89	-.91	.49652	-.51	-1.96	182	182
7	-2	0	1	16.29	16.20	16.19	.50	.53203	.09	.32	1	1
7	-2	1	1	15.04	14.55	14.53	.77	.57090	.49	1.55	3	3
7	-2	2	1	8.52	9.03	9.03	.31	.61250	-.51	-.98	359	359
7	-2	3	1	19.05	19.26	19.14	-.31	.65630	-.21	-.62	6	6
7	-2	4	1	16.55	17.21	-17.18	-1.11	.70190	-.67	-1.74	184	184
7	-1	-16	1	8.83	8.80	8.75	-.91	.67333	.03	.05	355	355
7	-1	-15	1	21.54	21.70	21.33	3.97	.62849	-.16	-.51	10	10
7	-1	-14	1	15.47	16.43	16.43	.12	.58563	-.96	-2.78	0	0
7	-1	-13	1	8.83	8.70	8.70	-.03	.54524	.13	.29	0	0
7	-1	-12	1	28.18	27.54	27.53	.66	.50790	.64	2.41	1	1
7	-1	-11	1	2.48	1.98	1.22	1.56	.47433	.50	.37	51	51
7	-1	-10	1	16.92	16.72	16.72	.13	.44538	.20	.76	0	0
7	-1	-9	1	17.29	16.68	16.67	.41	.42201	.62	2.37	1	1
7	-1	-8	1	8.91	7.00	-7.00	-.24	.40519	1.81	4.83	182	182
7	-1	-7	1	7.22	6.54	-6.42	-1.25	.39574	.68	1.57	192	192
7	-1	-6	1	72.85	73.29	73.14	4.60	.39421	-.44	-.70	3	3
7	-1	-5	1	2.60	2.80	2.75	-.50	.40067	-.20	-.18	350	350
7	-1	-4	1	20.79	20.35	-20.35	-.25	.41476	.43	1.80	181	181
7	-1	-3	1	29.02	30.08	30.06	1.08	.43574	-1.06	-3.80	2	2
7	-1	-2	1	33.78	33.39	33.36	1.55	.46267	.39	1.28	2	2
7	-1	-1	1	19.58	18.77	18.76	.63	.49458	.82	3.20	1	1
7	-1	0	1	13.56	13.48	-13.48	-.17	.53058	.08	.25	181	181
7	-1	1	1	3.95	1.41	-1.39	-.24	.56988	.53	2.83	190	190
7	-1	2	1	12.91	12.38	12.37	-.38	.61185	.53	1.36	359	359
7	-1	3	1	41.37	40.04	39.88	3.50	.65599	1.33	3.72	5	5
7	-1	4	1	14.26	13.79	-13.74	-1.13	.70187	.47	1.16	185	185
7	-1	16	1	21.29	21.03	-21.00	-1.04	.67214	.27	.81	183	183

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H	K	L	GRP	FO	FC	A	B	SINTH/LW	DE	W*DF	ANGLE CALC	ANGLE STAT
7	0	-15	1	49.92	48.35	49.19	3.94	.52750	.54	1.42	182	
7	0	-14	1	19.24	14.16	-12.14	-4.78	.58490	.08	.25	183	
7	0	-13	1	2.22	.45	-.44	-.11	.54480	1.77	1.12	194	
7	0	-12	1	14.26	14.22	14.22	.31	.50779	.04	.18	1	
7	0	-11	1	2.21	2.15	-2.02	-.74	.47461	.06	.04	201	
7	0	-10	1	40.62	40.33	40.24	2.74	.44611	.30	.73	3	
7	0	-9	1	30.33	31.89	31.79	.64	.42322	-1.41	-4.91	1	
7	0	-8	1	71.53	73.20	73.20	.27	.40691	-1.67	-2.62	0	
7	0	-7	1	22.38	22.56	-22.56	-.45	.39798	-.17	-.65	182	
7	0	-6	1	57.77	56.22	56.07	4.06	.36692	1.55	2.44	4	
7	0	-5	1	5.94	4.95	-4.91	-.63	.40381	.90	1.97	188	
7	0	-4	1	7.65	6.55	6.54	.26	.41825	1.10	2.56	2	
7	0	-3	1	39.55	39.90	-39.90	-.02	.43949	-.35	-1.00	181	
7	0	-2	1	49.07	49.66	-49.64	-1.33	.46661	-.59	-1.43	182	
7	0	-1	1	69.73	71.78	71.71	3.13	.45864	-.92	-2.79	2	
7	0	0	1	5.24	6.16	6.16	-.19	.53471	-2.05	-1.32	359	
7	0	0	1	3.34	.79	-.66	-.41	.57406	2.54	2.32	213	
7	0	0	1	3.03	2.30	2.29	.28	.61606	3.29	5.23	6	
7	0	0	1	76.77	73.48	73.39	3.59	.66019	.72	.54	2	
7	0	-16	1	37.96	39.64	-39.63	-.96	.67535	-1.67	-5.65	182	
7	0	-15	1	29.00	29.61	29.57	1.55	.63125	-.61	-2.16	2	
7	0	-14	1	8.56	7.62	7.62	.15	.58923	.94	1.88	1	
7	0	-13	1	9.10	9.21	-9.19	.59	.54979	-.11	-.24	176	
7	0	-12	1	23.21	22.75	-22.74	-.22	.51351	.46	1.78	181	
7	0	-11	1	30.00	29.35	29.33	-.95	.48112	.65	2.16	359	
7	0	-10	1	119.91	116.81	116.70	5.13	.45344	2.10	3.12	2	
7	0	-9	1	3.97	3.53	3.53	.04	.43138	.45	.454	0	
7	0	-8	1	8.34	8.68	-8.68	-.27	.41584	-.34	-.83	182	
7	0	-7	1	20.99	20.38	20.37	.42	.40757	.51	2.13	1	
7	0	-6	1	39.49	40.44	40.41	1.57	.40700	-.95	-2.48	2	
7	0	-5	1	27.68	27.08	-27.08	.07	.41417	.59	2.17	179	
7	0	-4	1	9.85	8.70	-8.70	.29	.44986	1.15	3.31	178	
7	0	-3	1	19.25	20.05	-20.04	-.38	.44986	-.80	-3.22	182	
7	0	-2	1	21.80	23.10	-23.07	-1.19	.47679	-1.30	-5.26	183	
7	0	-1	1	73.69	75.75	75.62	4.42	.50855	-2.08	-2.80	3	
7	0	0	1	6.93	5.48	5.46	-.40	.54431	1.45	2.60	356	
7	0	0	1	4.16	4.06	4.06	.01	.58333	.10	.11	0	
7	0	0	1	5.25	7.02	6.98	.74	.62501	-1.76	-2.16	6	
7	0	0	1	42.08	43.33	43.31	1.22	.66884	-1.24	-3.19	1	
7	0	-16	1	13.86	12.98	12.98	.27	.68293	.88	2.17	1	
7	0	-15	1	31.41	31.71	-31.69	-.96	.63964	-.29	-1.05	182	
7	0	-14	1	20.90	20.53	20.40	2.31	.59853	.37	1.24	6	
7	0	-13	1	35.47	35.35	35.33	1.38	.56007	.12	.37	6	
7	0	-12	1	2.20	.20	.20	-.01	.52487	2.01	1.27	358	
7	0	-11	1	2.75	2.18	-1.96	-.95	.49360	.57	.48	206	
7	0	-10	1	43.94	44.20	44.04	3.81	.46706	-.26	-.62	4	
7	0	-9	1	2.81	.55	.33	-.43	.44610	2.26	2.04	308	
7	0	-8	1	20.41	20.07	-20.07	-.05	.43153	.34	1.41	181	
7	0	-7	1	38.60	39.09	39.09	-.05	.42401	-1.05	-1.42	0	
7	0	-6	1	6.34	7.39	-7.32	.47	.42391	-.49	-1.98	188	
7	0	-5	1	39.91	37.00	36.88	2.94	.43124	2.91	7.23	4	
7	0	-4	1	17.16	16.66	16.65	.59	.44563	.50	1.86	2	
7	0	-3	1	11.00	11.17	11.17	-.19	.46643	-.17	-.49	0	
7	0	-2	1	8.15	8.36	8.36	-.19	.49283	-.21	-.47	359	
7	0	-1	1	42.10	44.29	44.07	3.33	.52398	-2.10	-5.32	4	
7	0	0	1	13.34	12.32	-12.31	-.51	.55909	1.02	2.89	4	

K	L	SRP	FD	FC	A	B	SINTH/LM	DE	W+DF	ANGLE CALC	ANGLE STAT
7	1	1	7.55	6.26	-6.26	.03	.59746	1.29	2.41	179	
7	2	1	14.04	13.90	13.89	.37	.63851	.14	.37	1	
7	3	1	9.11	9.89	-9.85	-.97	.68175	-.78	.37	1	
7	3	1	10.90	11.96	11.94	.72	.69471	-1.05	-1.38	186	
7	3	1	20.15	20.32	-20.25	-1.71	.65249	-1.17	-2.09	3	
7	3	1	44.55	45.55	45.38	3.96	.61255	-1.00	-2.50	185	
7	3	1	4.21	4.89	4.87	.43	.57537	-.67	-.73	4	
7	3	1	2.27	1.28	-1.25	-.29	.54150	.99	.51	5	
7	3	1	38.38	38.35	-38.34	-.87	.51162	.03	.09	194	
7	3	1	6.01	5.77	5.68	1.05	.48646	.24	.40	182	
7	3	1	5.35	3.54	3.52	.44	.46677	.03	.40	10	
7	3	1	29.13	29.26	29.24	1.07	.45328	1.84	2.88	7	
7	3	1	20.06	20.11	20.10	.46	.44655	-.08	-.29	2	
7	3	1	19.02	19.32	-19.25	.46	.44687	-.05	-.22	2	
7	3	1	136.24	130.95	130.86	-1.56	.45424	.70	2.81	185	
7	3	1	15.68	16.27	16.27	.08	.46833	5.29	7.89	2	
7	3	1	18.87	18.99	18.99	.05	.48855	-.60	-2.15	2	
7	3	1	19.98	18.21	-18.21	-.12	.51418	-.12	-.43	0	
7	3	1	6.32	5.99	-5.97	.53	.54446	.77	2.83	0	
7	3	1	2.89	.80	.47	.64	.57865	.33	.56	181	
7	3	1	14.35	13.07	13.07	.49	.61611	2.10	1.64	53	
7	3	1	6.73	7.09	-7.08	-.27	.65628	1.27	3.58	2	
7	3	1	37.00	37.00	-36.98	-1.35	.69869	-.36	-.52	193	
7	3	1	13.55	13.09	-12.98	-1.66	.66956	.00	.00	183	
7	4	1	29.16	28.67	28.52	3.00	.63100	.46	1.19	6	
7	4	1	12.04	12.96	-12.96	-.32	.59528	.49	1.71	188	
7	4	1	2.97	4.95	-4.95	.05	.56295	-.92	-2.27	182	
7	4	1	33.95	33.63	-33.63	-.24	.53462	-1.98	-1.56	179	
7	4	1	6.27	6.11	6.06	-.83	.51096	.32	1.03	181	
7	4	1	63.12	53.53	63.46	2.97	.49284	.16	.27	353	
7	4	1	30.90	30.59	30.56	1.41	.48027	-.35	-.68	2	
7	4	1	16.45	16.24	-16.23	-.23	.47431	.30	1.00	2	
7	4	1	18.29	18.19	18.17	-.75	.47502	.22	.75	181	
7	4	1	99.65	100.47	100.40	3.80	.48235	.11	.39	358	
7	4	1	21.61	21.60	-21.59	-.53	.49602	-.82	-1.16	2	
7	4	1	3.70	4.37	-4.37	.06	.51552	.01	.05	182	
7	4	1	14.13	13.16	13.16	.29	.54022	-.67	-.71	179	
7	4	1	8.55	7.54	-7.47	-.01	.60253	1.02	3.17	1	
7	4	1	15.07	13.44	13.21	-1.01	.66944	1.01	2.14	188	
7	4	1	5.21	3.09	3.04	.54	.60253	1.63	4.54	10	
7	4	1	3.28	4.57	-4.57	-.18	.63889	2.12	2.60	10	
7	4	1	14.64	13.68	13.67	-.51	.69052	-.11	-.91	183	
7	4	1	2.50	1.76	-1.59	.75	.65348	.96	2.36	358	
7	4	1	10.95	10.14	10.13	.43	.61937	.74	.42	154	
7	4	1	16.68	16.84	16.77	1.51	.58869	.81	1.81	2	
7	4	1	28.11	27.66	27.64	.94	.56199	-.16	-.48	5	
7	4	1	40.18	40.28	40.28	-.21	.53988	.45	1.75	1	
7	4	1	66.65	66.05	65.94	3.84	.52293	-.09	-.25	184	
7	4	1	22.89	23.35	23.34	.61	.51166	.60	1.11	3	
7	4	1	15.12	13.77	-13.76	-.37	.50645	-.47	4.42	1	
7	4	1	5.99	6.07	-6.05	.51	.50748	1.35	4.42	182	
7	4	1	7.24	5.17	-6.13	.68	.51472	-.08	-1.13	185	
7	4	1	29.18	28.88	28.86	.96	.52790	1.06	2.05	173	
7	4	1	5.61	5.79	5.72	.87	.54661	.30	.99	1	
7	4	1	22.14	20.72	20.71	.49	.57029	-.18	-.26	8	
7	4	1	3.70	4.08	-3.89	-1.23	.59836	1.43	5.09	1	
7	5	1						-.38	-.34	198	

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II	K	L	GRP	FJ	FC	A	B	STWTH/LM	DF	W*DF	ANGLE CALC	ANGLE STAT
7	5	0	1	57.59	66.25	66.14	3.87	.63023	1.34	2.17	181	
7	5	1	1	16.89	15.09	-15.05	-.12	.66535	1.81	5.04	181	
7	5	2	1	14.02	11.69	-11.69	-.22	.70325	2.32	5.44	182	
7	6	-14	1	15.44	15.02	15.01	-.453	.67961	.42	1.09	358	
7	6	-13	1	31.82	32.17	32.10	2.24	.64717	-.35	-1.24	3	
7	6	-12	1	36.83	36.19	36.15	1.76	.61817	.65	2.00	2	
7	6	-11	1	28.91	29.84	29.84	.62	.59313	-.94	-3.46	183	
7	6	-10	1	41.57	40.32	-40.27	-2.06	.57255	1.25	3.31	183	
7	6	-9	1	7.50	7.67	7.26	2.46	.55693	-.16	-.30	18	
7	6	-8	1	19.63	19.59	-19.59	-.42	.54671	.04	.15	182	
7	6	-7	1	22.92	21.73	21.72	.60	.54218	1.20	4.53	1	
7	6	-6	1	9.75	10.73	-10.73	.13	.54349	-.99	-2.35	179	
7	6	-5	1	30.22	31.53	-31.50	-1.39	.55059	-1.31	-4.49	183	
7	6	-4	1	53.39	54.83	54.75	2.97	.56327	-1.44	-3.04	3	
7	6	-3	1	34.15	33.77	33.73	1.51	.58117	.39	1.23	2	
7	6	-2	1	13.53	14.71	14.70	.25	.60381	-1.17	-3.08	0	
7	6	-1	1	15.04	13.52	-13.47	-1.17	.63069	1.52	4.08	185	
7	6	0	1	58.71	58.59	58.53	2.76	.66128	.12	.23	2	
7	7	0	1	7.94	5.27	-5.27	-.18	.69511	2.67	4.22	183	
7	7	-13	1	45.37	45.23	45.13	.77	.67823	.14	.39	3	
7	7	-12	1	24.33	24.45	24.43	-.22	.65090	-.12	-.39	1	
7	7	-11	1	9.77	10.27	-10.27	.22	.52746	-.50	-1.04	182	
7	7	-10	1	17.11	17.91	-17.89	-.84	.60836	-.80	-2.35	183	
7	7	-9	1	10.25	8.54	8.51	.72	.59400	1.70	3.77	4	
7	7	-8	1	3.69	3.14	-3.08	.61	.58475	.55	.51	168	
7	7	-7	1	15.84	15.23	15.17	1.41	.58084	.61	1.98	5	
7	7	-6	1	9.19	8.40	-8.38	.52	.58239	.78	1.65	176	
7	7	-5	1	11.55	10.36	-10.21	-1.73	.58934	1.20	2.95	190	
7	7	-4	1	72.13	73.50	73.41	3.52	.60152	-1.36	-2.29	2	
7	7	-3	1	10.18	11.59	11.58	.48	.61861	-1.41	-2.96	2	
7	7	-2	1	13.20	13.51	-13.51	-.26	.64022	-.31	-.76	192	
7	7	-1	1	3.42	1.89	-1.86	.30	.66591	1.53	1.18	190	
7	7	0	1	22.46	21.03	21.03	.52	.66591	1.43	4.21	1	
7	8	-12	1	11.20	12.65	-12.65	-.06	.68641	-1.46	-2.91	181	
7	8	-11	1	12.21	11.81	11.78	.80	.66451	.40	.89	3	
7	8	-10	1	47.94	47.78	47.77	1.02	.64679	.16	.38	1	
7	8	-9	1	16.48	16.07	-16.03	-1.02	.63360	.41	1.13	185	
7	8	-8	1	28.97	29.04	28.95	2.18	.62524	-.07	-.24	4	
7	8	-7	1	14.04	13.31	13.23	1.46	.62189	.73	1.92	6	
7	8	-6	1	19.79	18.95	18.94	.46	.62363	-.16	-.49	1	
7	8	-5	1	33.38	32.49	-32.44	-1.88	.63043	.82	2.93	1	
7	8	-4	1	21.64	21.58	21.50	1.95	.64212	.05	.17	184	
7	8	-3	1	7.32	6.59	6.59	-.00	.65844	.74	1.10	5	
7	8	-2	1	3.93	2.77	-2.75	.38	.67907	.01	.01	0	
7	8	-1	1	13.15	11.61	11.60	.50	.70361	1.16	.99	172	
7	9	-11	1	28.73	27.72	27.66	1.78	.70383	1.54	3.42	2	
7	9	-10	1	28.45	28.38	28.35	1.28	.68740	1.01	3.29	3	
7	9	-9	1	14.30	11.95	-11.80	-1.92	.67529	.07	.23	2	
7	9	-8	1	46.37	46.28	46.21	2.50	.66773	2.35	5.76	190	
7	9	-7	1	2.56	2.54	2.51	.40	.66488	.09	.23	3	
7	9	-6	1	9.73	10.19	10.19	.35	.66679	.01	.01	8	
7	9	-5	1	20.15	20.47	-20.45	-.85	.67343	-.46	-.87	1	
7	9	-4	1	23.40	24.13	-24.13	-.03	.68466	-.31	-.93	183	
7	9	-3	1	3.36	2.03	1.91	.70	.70026	-.73	-2.25	181	
7	9	-2	1	25.54	25.75	-25.75	-.35	.69243	1.32	.91	20	
7	9	-1	1	8.91	8.44	8.43	.52	.67940	-.21	-.66	181	
8	-10	-9	1						.47	.82	3	

	L	GPP	FD	FC	A	B	SIN14/LW	DF	WDF	ANGLE CALC	ANGLE STAT
8	-10	1	27.91	27.27	27.14	2.24	.67086	.64	2.13	184	
8	-10	1	37.53	36.45	-36.39	-2.01	.66699	1.08	3.35	184	
8	-10	1	18.45	18.54	18.52	.83	.66788	-.09	-.24	2	
8	-10	1	42.69	42.65	42.60	1.92	.67349	.23	.63	2	
8	-10	1	45.34	44.02	44.01	1.05	.68372	1.32	3.31	1	
8	-10	1	7.69	7.23	-7.16	1.00	.69836	.46	.70	172	
8	-9	1	24.14	22.67	-22.56	2.25	.69403	1.47	4.57	5	
8	-9	1	21.65	21.88	21.80	-1.85	.67192	-.23	-.59	185	
8	-9	1	5.27	3.01	3.01	.04	.65392	2.26	2.66	0	
8	-9	1	10.27	11.47	11.40	1.21	.64040	-1.19	-2.54	5	
8	-9	1	25.12	26.21	26.14	1.86	.63164	-1.09	-3.61	4	
8	-9	1	10.59	10.29	10.29	.02	.62783	.30	.67	0	
8	-7	1	5.92	5.34	-5.33	.18	.62906	.59	.78	178	
8	-7	1	15.16	14.15	14.12	.79	.63532	.79	2.79	3	
8	-7	1	8.57	6.79	6.79	.12	.64644	1.02	2.79	3	
8	-9	1	51.89	50.04	49.98	2.37	.66219	1.76	3.33	1	
8	-9	1	14.91	14.85	-14.70	-2.10	.68225	1.85	4.00	2	
8	-6	1	12.23	13.58	13.58	.33	.68645	.06	.16	189	
8	-8	1	67.29	66.88	66.79	3.53	.65957	-1.35	-2.89	1	
8	-5	1	27.03	26.28	-26.23	-1.59	.63655	.41	.78	3	
8	-9	1	5.55	5.23	6.20	.60	.63655	.75	2.58	184	
8	-9	1	21.70	21.93	21.89	.60	.61784	-.69	-.89	5	
8	-5	1	22.19	21.37	21.36	.78	.59483	-.23	-.78	3	
8	-8	1	18.42	18.08	18.02	1.40	.59110	.55	1.77	4	
8	-8	1	39.01	38.25	-38.22	-1.56	.59274	.76	2.30	183	
8	-8	1	7.10	6.80	-6.79	.22	.59968	.30	.52	182	
8	-8	1	10.35	9.68	9.66	.58	.61176	.68	1.52	3	
8	-8	1	54.54	54.06	53.99	2.76	.62868	.48	.95	2	
8	-8	1	20.82	19.82	-19.74	-1.74	.65006	1.00	3.16	186	
8	-8	1	20.86	20.59	20.57	.88	.67548	.27	.81	2	
8	-8	1	29.37	28.75	28.71	1.62	.70450	.62	2.01	3	
8	-7	1	19.35	20.06	20.06	.23	.68724	-.69	-1.92	0	
8	-7	1	49.48	49.57	49.55	1.54	.65585	-.09	-.21	1	
8	-7	1	40.88	40.30	40.22	2.50	.62796	.58	1.56	3	
8	-7	1	6.00	6.34	6.34	-.17	.60405	-.35	-.50	359	
8	-7	1	11.83	11.19	11.19	.28	.58462	.64	1.63	1	
8	-7	1	24.01	24.01	-24.01	.04	.57012	.00	.02	179	
8	-7	1	6.12	5.88	5.87	.33	.56092	.24	.39	357	
8	-7	1	34.96	34.89	34.78	2.77	.55731	.07	.22	4	
8	-7	1	37.52	37.30	-37.23	-2.15	.55937	.23	.66	184	
8	-7	1	25.09	24.61	-24.61	-.19	.56706	.48	1.83	181	
8	-7	1	41.64	41.28	41.24	1.74	.58014	.36	.96	2	
8	-7	1	53.74	52.86	52.81	2.12	.59827	.89	1.82	2	
8	-7	1	31.77	29.87	-29.87	-.16	.62100	1.90	6.77	181	
8	-7	1	10.91	11.17	11.17	.21	.64785	-.26	-.57	1	
8	-6	1	24.35	24.08	24.07	.78	.67833	.27	.84	1	
8	-6	1	11.92	11.46	-11.41	-1.08	.69637	.46	.97	186	
8	-6	1	18.90	19.68	19.68	.48	.66091	-.78	-.26	1	
8	-6	1	31.61	32.19	32.16	1.30	.62850	-.58	-2.00	1	
8	-6	1	9.06	9.10	-9.09	.18	.59966	-.04	-.07	178	
8	-6	1	26.43	26.38	26.34	1.54	.57490	.05	.17	3	
8	-6	1	5.37	4.63	4.58	-.71	.55479	.74	1.05	352	
8	-6	1	9.74	8.86	8.86	-.26	.53983	.88	2.20	359	
8	-6	1	28.38	27.91	-27.91	-.05	.53047	.47	1.81	181	
8	-6	1	51.43	51.63	51.51	3.50	.52700	-.20	-.43	3	
8	-6	1	2.17	1.18	-.37	-1.12	.52954	.99	.64	252	

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	ANGLE CALC	ANGLE STAT	W*DF	DF	SIN*TH/L*W	B	A	FC	FO	LERF	L	K	H
1	181	181	3.52	2.86	51311	.07	-1.21	1.21	4.07	1	1	-5	8
2	176	176	3.52	2.86	52825	.13	-17.24	17.24	17.07	1	1	-5	8
3	183	183	.69	.20	54878	-.67	-19.06	19.07	19.27	1	1	-5	8
4	183	183	1.21	.69	57413	3.27	54.87	64.95	65.65	1	1	-5	8
5	185	185	-1.83	-.50	60370	-1.91	-27.29	27.36	26.85	1	1	-5	8
6	178	178	.39	.64	63688	.04	-1.70	1.70	2.34	1	1	-5	8
7	181	181	.89	.30	67316	1.44	20.02	20.07	20.37	1	1	-5	8
8	181	181	-.25	-.11	69625	-.08	-14.17	14.17	14.05	1	1	-5	8
9	181	181	-.11	-.25	69625	-.08	-14.17	14.17	14.05	1	1	-5	8
10	182	182	-.11	-.20	65653	1.23	2.45	2.74	2.55	1	1	-5	8
11	182	182	1.65	.59	61939	-.67	-21.58	21.59	22.23	1	1	-5	8
12	182	182	2.23	.64	58534	-.67	-21.58	21.59	22.23	1	1	-5	8
13	182	182	-2.83	-.87	55492	.17	18.01	18.01	17.14	1	1	-5	8
14	345	345	-1.26	-.91	52879	4.37	78.31	78.43	77.46	1	1	-5	8
15	3	3	1.23	.57	49195	.39	7.27	7.27	7.85	1	1	-5	8
16	1	1	2.42	1.75	48245	1.30	51.77	51.79	53.54	1	1	-5	8
17	1	1	2.59	1.77	47942	.20	23.36	23.36	24.08	1	1	-5	8
18	10	10	-.67	-.28	48299	1.73	8.89	9.05	8.77	1	1	-5	8
19	184	184	-.49	-.15	49302	-.91	-14.87	14.97	14.75	1	1	-5	8
20	186	186	.10	.05	50912	-.62	-6.94	6.97	7.02	1	1	-5	8
21	185	185	-.09	-.03	53075	.44	17.76	17.76	17.74	1	1	-5	8
22	1	1	-.43	-.14	55726	3.30	35.27	35.43	35.29	1	1	-5	8
23	5	5	1.21	-.09	58800	-.19	-14.98	15.03	15.42	1	1	-5	8
24	4	4	1.17	-.08	62232	.48	5.59	5.61	4.53	1	1	-5	8
25	3	3	1.75	.55	65969	1.27	21.24	21.28	21.83	1	1	-5	8
26	0	0	3.11	1.38	69960	.18	10.81	10.81	12.19	1	1	-5	8
27	184	184	-3.09	-1.15	68290	-1.18	-19.10	19.13	17.98	1	1	-5	8
28	4	4	-1.09	-.49	64265	3.81	53.91	54.04	53.55	1	1	-5	8
29	186	186	.34	.28	60497	-.42	-4.51	4.53	4.82	1	1	-5	8
30	344	344	2.20	2.64	57039	-.13	-.43	.45	3.09	1	1	-5	8
31	8	8	1.39	.96	55948	.64	4.41	4.46	5.42	1	1	-5	8
32	2	2	1.40	.61	51293	2.40	7.74	7.80	48.41	1	1	-5	8
33	2	2	1.28	.58	49142	-.07	-7.64	7.64	8.22	1	1	-5	8
34	2	2	.15	.13	47566	.12	3.39	3.39	3.53	1	1	-5	8
35	0	0	3.77	1.03	46622	.07	15.48	15.48	16.52	1	1	-5	8
36	183	183	1.70	.43	46349	-.12	-22.02	22.05	22.48	1	1	-5	8
37	2	2	-.66	-.98	46758	4.17	86.40	86.50	85.12	1	1	-5	8
38	296	296	4.05	1.20	47833	-.99	-.47	1.10	2.08	1	1	-5	8
39	0	0	12.94	12.94	449529	.13	12.94	12.94	14.14	1	1	-5	8

LINE	NO	GR	FC	A	B	SIN	NE	W	ANGLE
1	3	1	3.40	1.28	-0.07	1.03	2.12	2.25	122
2	3	1	35.67	37.05	37.02	1.82	-1.39	-4.16	122
3	3	1	2.27	1.75	1.70	.40	.52	.32	13
4	3	1	11.74	10.41	-10.41	-1.10	1.34	3.36	181
5	3	1	23.44	23.04	-23.04	.30	.40	1.31	181
6	3	1	21.22	20.66	-20.66	.75	.63	1.86	183
7	3	1	4.23	1.81	-1.73	.52	2.43	2.24	197
8	3	1	96.14	98.17	98.06	4.67	-2.03	-2.34	2
9	3	1	2.36	1.94	-1.83	.66	.42	.25	200
10	3	1	11.54	11.52	-11.52	.19	.02	.04	181
11	3	1	27.23	26.78	-26.78	.01	.44	1.69	191
12	3	1	14.63	14.45	14.45	.02	.24	.72	0
13	3	1	17.50	16.15	16.04	1.93	.42	4.96	6
14	3	1	22.09	22.44	-22.44	.38	.37	-1.53	181
15	3	1	4.53	3.60	-3.56	.55	.92	1.30	189
16	3	1	22.63	22.08	22.07	.28	.55	2.32	0
17	3	1	132.06	134.83	134.74	4.79	-2.76	-4.09	182
18	3	1	40.96	41.57	-41.56	-1.10	.61	-1.65	2
19	3	1	16.49	17.07	17.06	.50	.58	-2.07	1
20	3	1	12.77	12.60	12.57	.85	.17	.54	3
21	3	1	5.15	3.72	3.71	.22	1.42	2.03	356
22	3	1	4.01	4.58	4.12	1.85	-.57	-.59	24
23	3	1	12.21	13.87	-13.85	.76	-1.66	-4.19	184
24	3	1	4.03	9.26	-9.24	.65	.63	-1.15	185
25	3	1	14.92	13.96	-13.96	.09	.96	2.46	179
26	3	1	25.47	25.91	25.91	.28	-.44	-1.42	0
27	3	1	15.22	14.92	14.79	1.93	.31	.43	7
28	3	1	2.33	1.20	1.19	.20	1.13	.68	351
29	3	1	7.57	4.91	4.89	.37	2.66	5.12	4
30	3	1	15.52	15.62	-15.62	.25	-.10	-.33	181
31	3	1	38.09	37.72	-37.69	-1.46	.37	1.09	183
32	3	1	82.17	82.91	82.79	4.38	-.73	-1.05	3
33	3	1	15.82	15.85	-15.85	.27	-.03	-.10	181
34	3	1	43.19	42.76	-42.76	.50	.43	1.05	181
35	3	1	44.63	45.58	45.57	.98	-.95	-2.36	1
36	3	1	85.59	85.43	85.40	2.39	.16	.24	1
37	3	1	6.31	5.32	-6.32	.11	-.01	-.01	178
38	3	1	16.34	17.25	-17.25	.03	-.88	-3.12	181
39	3	1	19.85	19.15	19.15	.04	.70	2.63	0
40	3	1	4.58	4.06	-3.98	.77	.52	.70	191
41	3	1	43.74	43.28	43.13	3.62	.46	1.10	4
42	3	1	7.63	8.13	-8.06	-1.02	-.49	-.87	188
43	3	1	3.51	2.98	2.98	.02	.53	.44	0
44	3	1	28.12	27.75	27.72	1.25	.37	1.23	2
45	3	1	17.08	16.90	16.89	.30	.19	.51	1
46	3	1	24.68	24.49	-24.48	.48	.20	.65	182
47	3	1	23.85	23.11	23.03	1.92	.74	2.65	4
48	3	1	16.05	16.91	16.89	.90	-.86	-2.74	3
49	3	1	26.65	26.69	26.69	.19	-.04	-.17	0
50	3	1	38.95	38.05	-38.03	4.39	.91	2.63	182
51	3	1	85.36	86.10	85.99	1.04	.91	1.05	2
52	3	1	8.89	9.39	-9.37	.59	-.74	-1.05	184
53	3	1	3.22	4.33	-4.33	.09	-.51	-1.28	184
54	3	1	14.81	14.88	-14.88	.12	-.07	-1.11	179
55	3	1	38.18	38.04	-38.03	.89	.14	.38	182
56	3	1	68.64	71.75	71.70	2.68	-3.11	-4.40	2

LINE	NO	GR	FC	A	B	SIN	NE	W	ANGLE
57	3	1	132.06	134.83	134.74	4.79	-2.76	-4.09	182
58	3	1	40.96	41.57	-41.56	-1.10	.61	-1.65	2
59	3	1	16.49	17.07	17.06	.50	.58	-2.07	1
60	3	1	12.77	12.60	12.57	.85	.17	.54	3
61	3	1	5.15	3.72	3.71	.22	1.42	2.03	356
62	3	1	4.01	4.58	4.12	1.85	-.57	-.59	24
63	3	1	12.21	13.87	-13.85	.76	-1.66	-4.19	184
64	3	1	4.03	9.26	-9.24	.65	.63	-1.15	185
65	3	1	14.92	13.96	-13.96	.09	.96	2.46	179
66	3	1	25.47	25.91	25.91	.28	-.44	-1.42	0
67	3	1	15.22	14.92	14.79	1.93	.31	.43	7
68	3	1	2.33	1.20	1.19	.20	1.13	.68	351
69	3	1	7.57	4.91	4.89	.37	2.66	5.12	4
70	3	1	15.52	15.62	-15.62	.25	-.10	-.33	181
71	3	1	38.09	37.72	-37.69	-1.46	.37	1.09	183
72	3	1	82.17	82.91	82.79	4.38	-.73	-1.05	3
73	3	1	15.82	15.85	-15.85	.27	-.03	-.10	181
74	3	1	43.19	42.76	-42.76	.50	.43	1.05	181
75	3	1	44.63	45.58	45.57	.98	-.95	-2.36	1
76	3	1	85.59	85.43	85.40	2.39	.16	.24	1
77	3	1	6.31	5.32	-6.32	.11	-.01	-.01	178
78	3	1	16.34	17.25	-17.25	.03	-.88	-3.12	181
79	3	1	19.85	19.15	19.15	.04	.70	2.63	0
80	3	1	4.58	4.06	-3.98	.77	.52	.70	191
81	3	1	43.74	43.28	43.13	3.62	.46	1.10	4
82	3	1	7.63	8.13	-8.06	-1.02	-.49	-.87	188
83	3	1	3.51	2.98	2.98	.02	.53	.44	0
84	3	1	28.12	27.75	27.72	1.25	.37	1.23	2
85	3	1	17.08	16.90	16.89	.30	.19	.51	1
86	3	1	24.68	24.49	-24.48	.48	.20	.65	182
87	3	1	23.85	23.11	23.03	1.92	.74	2.65	4
88	3	1	16.05	16.91	16.89	.90	-.86	-2.74	3
89	3	1	26.65	26.69	26.69	.19	-.04	-.17	0
90	3	1	38.95	38.05	-38.03	4.39	.91	2.63	182
91	3	1	85.36	86.10	85.99	1.04	.91	1.05	2
92	3	1	8.89	9.39	-9.37	.59	-.74	-1.05	184
93	3	1	3.22	4.33	-4.33	.09	-.51	-1.28	184
94	3	1	14.81	14.88	-14.88	.12	-.07	-1.11	179
95	3	1	38.18	38.04	-38.03	.89	.14	.38	182
96	3	1	68.64	71.75	71.70	2.68	-3.11	-4.40	2

Q	K	L	GRP	FN	FC	A	B	SINTH/WM	DE	W+DF	ANGLE CALC	ANGLE STAT
8	0	-4	1	16.93	19.72	19.72	.13	.44923	-.89	-3.34	0	
8	0	-3	1	12.97	11.08	11.07	-.27	.51317	1.80	5.47	0	
8	0	-2	1	2.45	1.52	-1.61	-.13	.54193	.84	.60	359	
8	0	-1	1	41.05	41.75	91.65	4.08	.57480	-.69	-.86	185	
8	0	0	1	10.11	9.24	-9.22	-.60	.61110	.47	1.98	2	
8	0	1	1	2.88	2.45	2.44	.22	.65027	.43	.29	184	
8	0	1	1	2.60	3.43	3.39	.50	.59182	-.92	-.47	6	
8	0	-1	1	14.34	15.07	-15.07	.03	.67248	-.72	-1.79	179	
8	1	-15	1	19.65	19.97	19.95	-.97	.63275	-.33	-.99	358	
8	1	-14	1	82.74	84.13	84.02	4.38	.59571	-1.40	-1.70	2	
8	1	-13	1	2.33	2.84	2.79	.51	.56190	-.51	-.31	10	
8	1	-12	1	6.96	6.93	-6.82	.28	.53191	.13	.23	183	
8	1	-11	1	3.69	1.90	1.80	-.13	.50645	1.78	1.89	356	
8	1	-10	1	61.97	63.66	63.62	2.12	.48621	-1.68	-3.27	1	
8	1	-9	1	11.74	11.32	-11.32	-.17	.47187	.42	1.20	181	
8	1	-7	1	5.87	6.64	6.63	.37	.46398	-.77	-1.34	3	
8	1	-6	1	49.16	50.08	-50.08	-.44	.46286	-.92	-1.82	181	
8	1	-5	1	21.28	22.66	-22.62	-1.34	.46857	-1.38	-5.55	184	
8	1	-4	1	97.02	100.07	99.97	4.57	.48086	-3.05	-4.31	2	
8	1	-3	1	2.53	1.98	-1.97	-.18	.49925	.54	.41	186	
8	1	-2	1	3.82	3.71	-3.71	.17	.52309	.11	.12	183	
8	1	-1	1	24.45	25.50	25.49	.73	.55168	-1.05	-4.02	1	
8	1	0	1	43.34	45.07	45.05	1.90	.58432	-1.73	-2.99	1	
8	1	1	1	21.17	19.76	-19.76	.22	.62037	1.40	4.53	179	
8	1	2	1	2.61	3.11	-3.10	.15	.65927	-.50	-.30	176	
8	2	1	1	19.98	19.94	-19.93	-.37	.70055	.04	.12	182	
8	2	1	1	11.33	12.91	12.91	.27	.68085	-1.58	-3.28	1	
8	2	1	1	6.67	6.26	6.17	1.04	.64194	.41	.59	351	
8	2	1	1	64.03	65.40	65.29	.32	.60578	-1.37	-2.30	3	
8	2	1	1	5.20	4.53	4.52	-.32	.57288	.67	.93	356	
8	2	1	1	6.79	5.31	5.31	.01	.54385	1.48	2.64	0	
8	2	1	1	26.96	26.63	26.63	.40	.51934	.33	1.29	0	
8	2	1	1	31.82	32.30	-32.29	-.88	.50000	-.49	-1.59	182	
8	2	1	1	36.59	36.61	36.54	2.31	.48645	-.02	-.07	3	
8	2	1	1	15.26	14.54	14.51	.92	.47919	.72	2.46	3	
8	2	1	1	4.15	3.94	3.94	-.21	.47850	.21	.25	357	
8	2	1	1	21.98	20.49	-20.48	-.81	.48442	1.38	5.63	183	
8	2	1	1	65.99	68.44	68.32	3.99	.49670	-2.45	-4.73	3	
8	2	1	1	21.48	21.23	-21.22	-.49	.51498	.25	.94	182	
8	2	1	1	22.22	21.54	-21.54	-.18	.53838	.68	2.55	181	
8	2	1	1	16.23	16.20	16.19	.50	.56653	.03	.10	1	
8	2	1	1	6.70	1.26	1.08	-.65	.59867	5.44	9.15	330	
8	2	1	1	37.97	37.17	37.10	2.36	.63421	.80	2.24	3	
8	2	1	1	14.17	14.86	-14.86	-.04	.67259	-.70	-1.71	181	
8	2	1	1	10.39	9.75	-9.75	-.31	.69343	.64	1.25	182	
8	2	1	1	19.12	18.61	-18.58	-.96	.65556	.51	1.52	183	
8	2	1	1	34.57	33.90	33.86	1.67	.62049	.67	2.17	2	
8	2	1	1	5.77	4.43	4.43	-.02	.58874	.67	1.91	0	
8	2	1	1	14.52	14.39	14.35	1.01	.56087	1.34	1.91	4	
8	2	1	1	35.67	35.44	35.43	.77	.53748	.13	.40	1	
8	2	1	1	37.98	37.75	37.75	-.77	.51918	.23	.69	1	
8	2	1	1	77.30	78.39	78.27	-1.74	.50652	-.23	-.64	183	
8	2	1	1	2.99	.79	.62	.49	.49992	-1.08	-1.46	3	
8	2	1	1	20.95	21.02	21.02	.10	.49964	2.20	1.94	38	
8	2	1	1	32.48	32.21	-32.20	-.57	.50568	-.07	-.27	0	
8	2	1	1	5.15	1.90	1.56	1.08	.51782	.07	.24	182	
8	2	1	1						3.25	4.90	34	

LINE	CR	LRP	EG	FC	A	B	SIN/HLW	DF	WDF	ANGLE CALC	ANGLE STAT
1	3	1	9.00	9.00	9.07	.38	.53564	-.08	-.19	179	
2	3	1	6.70	4.43	4.32	.62	.55860	2.27	4.07	2	
3	3	1	23.98	24.16	-24.16	-.21	.58610	-.18	-.63	181	
4	3	1	40.03	40.40	-40.40	-1.60	.61753	-1.45	-1.22	183	
5	3	1	89.84	88.77	88.66	4.32	.65232	1.07	1.22	2	
6	3	1	19.26	18.94	18.94	.09	.68997	.32	.90	2	
7	3	1	28.99	29.31	-29.31	-.41	.67333	-.32	-1.09	181	
8	3	1	2.46	.53	-.39	-.35	.63993	1.03	1.10	223	
9	4	1	36.61	35.05	35.98	2.24	.60900	.56	1.77	4	
10	4	1	20.62	21.14	21.09	1.53	.58291	-.52	-1.72	2	
11	4	1	10.40	9.84	-9.64	.02	.56036	.56	1.35	4	
12	4	1	8.25	7.78	7.71	-1.07	.54318	.46	.96	179	
13	4	1	91.90	92.11	92.02	3.94	.53144	-.21	-.28	353	
14	4	1	23.19	23.39	-23.39	-.50	.52552	-.20	-1.76	2	
15	4	1	16.55	16.76	-16.76	-.03	.52561	-.21	-1.71	181	
16	4	1	2.19	.30	.26	.16	.53171	.89	1.21	31	
17	4	1	7.35	7.00	-6.94	-.91	.54361	.35	.57	188	
18	4	1	15.71	15.08	14.93	2.15	.56095	.63	1.96	8	
19	4	1	16.14	15.19	15.16	.95	.58324	.05	2.90	3	
20	4	1	5.44	7.20	-7.20	-.20	.60994	-1.76	-2.29	182	
21	4	1	10.31	8.93	-8.90	-.76	.64049	1.37	2.87	185	
22	4	1	46.72	44.73	44.61	3.23	.57438	1.99	5.12	4	
23	5	1	9.57	9.30	9.26	.83	.59493	.27	.45	5	
24	5	1	42.47	42.18	-42.14	-1.97	.66252	.29	.80	183	
25	5	1	56.24	55.04	55.94	3.44	.63348	.20	.32	3	
26	5	1	4.06	5.57	5.52	.81	.60828	-.61	-.72	181	
27	5	1	21.63	20.58	-20.58	-.34	.58743	.94	3.20	355	
28	5	1	6.83	6.84	6.81	-.65	.57139	-.01	-1.02	181	
29	5	1	36.92	36.10	36.07	1.34	.56058	.82	2.39	2	
30	5	1	17.51	16.70	16.70	.47	.55531	.91	2.67	1	
31	5	1	2.57	1.09	.65	.87	.55573	1.49	1.05	53	
32	5	1	21.92	19.81	19.80	.68	.56184	2.11	7.59	1	
33	5	1	22.60	23.57	-23.51	-1.61	.57344	-.96	-3.43	184	
34	5	1	55.78	57.25	57.13	3.76	.59023	-1.46	-3.01	3	
35	5	1	3.21	.87	-.84	.25	.61176	2.34	2.34	163	
36	5	1	10.48	8.14	-8.13	-.25	.63755	2.50	5.01	182	
37	5	1	3.39	.88	-.88	-.10	.66713	2.50	1.81	187	
38	5	1	4.23	2.70	2.63	.63	.70000	1.53	1.30	13	
39	6	1	45.43	45.74	-45.69	-.20	.68908	.73	1.46	183	
40	6	1	40.43	39.92	39.83	2.67	.66148	.51	1.40	3	
41	6	1	18.20	19.05	-19.04	-.31	.63769	-.85	-2.47	181	
42	6	1	7.54	6.97	6.96	.37	.61813	.57	.95	3	
43	6	1	6.04	4.76	4.75	.14	.60322	1.29	1.81	3	
44	6	1	18.26	18.60	-18.58	-.89	.59331	1.29	1.81	1	
45	6	1	45.82	45.43	45.37	2.37	.58865	-.34	-1.06	183	
46	6	1	33.06	33.08	33.04	1.67	.58938	.38	.89	2	
47	6	1	29.84	31.58	31.57	.57	.59545	-.02	-.06	2	
48	6	1	35.38	34.59	-34.55	-1.59	.60672	-.79	-2.47	183	
49	6	1	43.22	44.57	44.47	2.95	.62291	-1.35	-3.36	3	
50	6	1	15.02	13.92	-13.92	-.28	.64364	1.10	2.88	182	
51	6	1	7.69	7.04	7.04	.29	.66849	.65	1.04	2	
52	6	1	16.95	17.59	-17.58	-.08	.69702	-.64	-1.67	181	
53	6	1	11.01	9.00	8.94	1.00	.69266	2.01	4.21	6	
54	6	1	18.53	17.54	17.53	.48	.67025	1.09	3.15	1	
55	7	1	7.13	7.86	7.76	1.28	.65196	-.74	-1.09	9	
56	7	1	26.01	25.52	-25.52	.47	.63814	.49	1.65	178	

IN	K	L	GRP	FN	FC	A	B	SINTH/LW	DE	WAVE	ANGLE CALC	ANGLE STAT
9	-6	-11	1	48.31	47.19	47.05	3.64	.59984	1.12	2.61	4	
9	-6	-12	1	44.43	44.39	-4.40	-.50	.61896	.04	.09	185	
9	-6	-13	1	5.98	4.41	-4.40	-.37	.64247	1.57	2.04	359	
9	-6	-14	1	17.57	16.87	16.87	-.32	.66990	.70	1.94	4	
9	-6	-15	1	14.06	14.54	14.50	1.04	.70080	-.48	-1.08	162	
9	-7	-2	1	7.27	6.42	-6.11	1.97	.66257	.85	1.30	0	
9	-7	-3	1	11.77	11.36	11.36	.09	.65758	.41	.94	1	
9	-7	-4	1	37.99	37.18	37.17	.97	.63661	.81	2.32	1	
9	-7	-5	1	15.14	16.24	16.24	.44	.62006	-1.10	-3.06	182	
9	-7	-6	1	18.67	17.00	-16.99	-.53	.60831	1.67	5.36	2	
9	-7	-7	1	55.49	54.36	54.30	2.58	.60162	1.13	2.32	182	
9	-7	-8	1	47.53	47.21	47.18	1.64	.60018	.37	.86	1	
9	-7	-9	1	16.73	17.11	-17.11	-.34	.60402	-.38	-1.15	184	
9	-7	-10	1	35.29	35.30	-35.24	-1.93	.61303	-.06	-.01	7	
9	-7	-11	1	19.03	19.52	19.36	2.53	.62700	-.49	-1.49	184	
9	-7	-12	1	4.40	3.31	-3.30	-.31	.64550	1.09	1.04	186	
9	-7	-13	1	13.01	13.45	-13.48	.07	.66845	-.48	-1.09	178	
9	-8	-3	1	6.19	5.09	-5.09	.29	.69513	.85	1.36	3	
9	-8	-4	1	11.36	11.26	11.26	.69	.68459	.08	.16	4	
9	-8	-5	1	18.19	17.96	17.89	1.54	.66475	.24	.67	4	
9	-8	-6	1	36.93	36.12	36.11	.90	.64922	.81	2.40	1	
9	-8	-7	1	18.16	17.63	-17.53	-1.87	.63830	.52	1.57	187	
9	-8	-8	1	47.43	46.74	46.65	2.96	.63223	.69	1.71	3	
9	-8	-9	1	4.33	4.80	-4.59	.91	.65757	.24	.74	1	
9	-8	-10	1	3.53	3.426	-3.424	-1.18	.64397	2.53	2.52	149	
9	-8	-11	1	5.21	5.03	5.02	-.08	.63510	-.69	-2.20	182	
9	-8	-12	1	6.19	6.03	-6.02	.29	.63115	.12	.14	0	
9	-8	-13	1	4.79	4.63	4.48	1.15	.69775	.16	.15	14	
9	-9	-4	1	3.53	2.63	2.42	1.03	.69604	.99	.67	23	
9	-9	-5	1	5.50	6.95	-6.95	.04	.68150	-1.45	-1.67	23	
9	-9	-6	1	14.38	14.45	-14.33	-1.87	.66590	.07	.58	191	
9	-9	-7	1	27.44	26.87	26.78	2.24	.66516	.77	1.43	191	
9	-9	-8	1	17.04	17.38	17.35	.99	.66919	.99	2.58	3	
9	-9	-9	1	18.28	9.38	-8.38	-.08	.66516	.77	1.43	191	
9	-9	-10	1	9.15	9.37	9.37	.99	.66919	.36	.99	1	
9	-9	-11	1	2.55	8.91	-8.79	.40	.69109	1.73	.95	331	
9	-9	-12	1	17.04	16.68	16.67	.51	.67789	.36	.99	1	
9	-9	-13	1	10.88	10.13	10.12	.23	.67098	-1.70	-2.37	178	
9	-10	-5	1	13.01	14.86	-14.86	.37	.69454	2.19	4.90	2	
9	-10	-6	1	32.95	32.08	32.06	1.16	.70176	1.59	.87	235	
9	-10	-7	1	10.88	8.91	-8.79	.78	.70220	.86	2.99	178	
9	-10	-8	1	2.55	.91	.70	.40	.69109	2.07	4.17	2	
9	-10	-9	1	17.04	16.68	16.67	.51	.67789	1.73	.95	331	
9	-10	-10	1	18.28	17.38	17.35	.99	.66919	.36	.99	1	
9	-10	-11	1	9.15	9.37	9.37	.99	.66919	.36	.99	1	
9	-10	-12	1	27.44	26.87	26.78	2.24	.66516	.77	1.43	191	
9	-10	-13	1	14.38	14.45	-14.33	-1.87	.66590	.07	.58	191	
9	-10	-14	1	5.50	6.95	-6.95	.04	.68150	-1.45	-1.67	23	
9	-10	-15	1	4.79	4.63	4.48	1.15	.69775	.16	.15	14	
9	-10	-16	1	3.53	2.63	2.42	1.03	.69604	.99	.67	23	
9	-10	-17	1	5.21	5.03	5.02	-.08	.63510	-.69	-2.20	182	
9	-10	-18	1	6.19	6.03	-6.02	.29	.63115	.12	.14	0	
9	-10	-19	1	4.743	4.674	4.665	2.96	.63223	.69	1.71	3	
9	-10	-20	1	18.16	17.63	-17.53	-1.87	.63830	.52	1.57	187	
9	-10	-21	1	36.93	36.12	36.11	.90	.64922	.81	2.40	1	
9	-10	-22	1	18.19	17.96	17.89	1.54	.66475	.24	.67	4	
9	-10	-23	1	11.36	11.26	11.26	.69	.68459	.08	.16	4	
9	-10	-24	1	8.19	7.35	-7.34	.20	.69513	.85	1.36	3	
9	-10	-25	1	13.01	13.45	-13.48	.07	.66845	.08	.16	4	
9	-10	-26	1	4.40	3.31	-3.30	-.31	.64550	-.48	-1.09	178	
9	-10	-27	1	19.03	19.52	19.36	2.53	.62700	-.49	-1.49	184	
9	-10	-28	1	35.29	35.30	-35.24	-1.93	.61303	-.06	-.01	7	
9	-10	-29	1	16.73	17.11	-17.11	-.34	.60402	-.38	-1.15	184	
9	-10	-30	1	47.53	47.21	47.18	1.64	.60018	.37	.86	1	
9	-10	-31	1	55.49	54.36	54.30	2.58	.60162	1.13	2.32	182	
9	-10	-32	1	18.67	17.00	-16.99	-.53	.60831	1.67	5.36	2	
9	-10	-33	1	15.14	16.24	16.24	.44	.62006	-1.10	-3.06	182	
9	-10	-34	1	37.99	37.18	37.17	.97	.63661	.81	2.32	1	
9	-10	-35	1	11.77	11.36	11.36	.09	.65758	.41	.94	1	
9	-10	-36	1	7.27	6.42	-6.11	1.97	.66257	.85	1.30	0	
9	-10	-37	1	14.06	14.54	14.50	1.04	.70080	-.48	-1.08	162	
9	-10	-38	1	17.57	16.87	16.87	-.32	.66990	.70	1.94	4	
9	-10	-39	1	5.98	4.41	-4.40	-.37	.64247	1.57	2.04	359	
9	-10	-40	1	44.43	44.39	-4.40	-.50	.61896	.04	.09	185	
9	-10	-41	1	48.31	47.19	47.05	3.64	.59984	1.12	2.61	4	

Y	X	E	GRF	FN	FC	A	B	SINHL/W	DF	W*DF	ANGLE CALC	ANGLE STAT
9	-5	-10	1	5.77	6.88	6.78	-1.20	.59555	-1.12	-1.59	181	
9	-6	-9	1	2.31	3.12	3.10	.26	.57643	-.81	-.49	350	
9	-6	-5	1	16.97	17.22	17.13	1.30	.57274	-.26	-.93	6	
9	-6	-7	1	15.15	15.10	15.09	.59	.57458	.05	-.14	4	
9	-6	-6	1	21.79	22.22	22.16	1.65	.59190	-.42	-1.47	2	
9	-6	-5	1	14.86	14.68	14.65	-.94	.59449	.18	.53	4	
9	-6	-4	1	2.69	.93	-.89	-.26	.61203	1.75	1.20	184	
9	-6	-3	1	8.40	6.84	6.83	.25	.63412	1.56	3.00	197	
9	-6	-2	1	3.44	31.72	31.59	2.97	.66028	1.72	5.84	177	
9	-6	-1	1	5.75	5.48	5.29	-1.43	.69007	.27	.32	5	
9	-5	-15	1	50.11	49.89	49.78	3.21	.67999	.23	.54	196	
9	-5	-14	1	11.21	11.32	11.18	-.93	.64828	-.01	-.02	3	
9	-5	-13	1	13.43	15.19	15.19	-.05	.62020	-.71	-1.88	185	
9	-5	-12	1	13.43	12.14	12.11	.93	.59613	1.29	3.51	0	
9	-5	-11	1	72.94	74.25	74.18	.93	.57654	-1.30	-2.29	4	
9	-5	-10	1	34.55	34.56	34.56	-.56	.56203	-.02	-.05	2	
9	-5	-9	1	17.63	17.61	17.61	.04	.55286	.11	.21	181	
9	-5	-8	1	18.12	18.05	18.04	-.63	.54936	-.35	-1.17	179	
9	-5	-7	1	51.61	50.66	50.55	3.23	.55162	.07	.23	181	
9	-5	-6	1	13.39	12.91	12.84	1.35	.5957	.95	2.04	183	
9	-5	-5	1	7.33	6.72	6.71	-.09	.57298	-.04	-.13	3	
9	-5	-4	1	3.93	3.22	3.22	-.07	.64187	1.14	2.20	183	
9	-4	-16	1	2.62	1.88	1.87	-.18	.67275	.71	.62	2	
9	-4	-15	1	57.27	58.35	58.21	4.12	.66281	-1.08	-2.05	355	
9	-4	-14	1	7.40	8.93	8.90	-.76	.63065	-.53	-2.34	4	
9	-4	-13	1	18.35	18.69	18.68	.35	.60206	-.34	-1.06	185	
9	-4	-12	1	37.80	37.15	37.13	1.12	.57756	.66	1.88	1	
9	-4	-11	1	8.69	7.14	7.13	.45	.55770	1.55	3.29	1	
9	-4	-10	1	3.27	1.38	.49	1.29	.54299	1.89	1.72	3	
9	-4	-9	1	17.86	19.07	18.06	-.61	.53385	1.89	1.72	69	
9	-4	-8	1	42.59	43.22	43.21	-.88	.53057	-.21	-.71	182	
9	-4	-7	1	16.56	17.12	17.12	-.03	.53326	-.64	-1.59	182	
9	-4	-6	1	49.79	50.18	50.04	3.85	.54183	-.56	-1.87	181	
9	-4	-5	1	13.77	13.88	13.88	-.11	.55601	-.39	-.85	4	
9	-4	-4	1	2.26	1.58	1.55	.29	.57539	-.11	-.31	4	
9	-4	-3	1	46.98	46.33	46.30	1.60	.59945	.69	.43	196	
9	-4	-2	1	14.24	14.56	14.55	.54	.62766	.65	1.53	10	
9	-4	-1	1	5.84	1.61	.79	1.40	.65950	-.32	-.85	1	
9	-4	0	1	5.86	5.71	5.65	-.81	.69445	.17	.21	2	
9	-3	-16	1	13.83	14.22	14.22	.44	.68551	-.35	-.81	60	
9	-3	-15	1	28.57	29.51	29.39	2.68	.64988	-.93	-3.20	189	
9	-3	-14	1	13.83	13.08	13.08	-.47	.61735	.74	2.00	1	
9	-3	-13	1	4.19	4.52	4.51	.32	.58843	-.34	-.35	5	
9	-3	-12	1	22.61	22.81	22.81	.34	.56367	-.20	-.73	183	
9	-3	-11	1	48.55	49.21	49.19	-1.37	.54365	-.66	-1.41	4	
9	-3	-10	1	63.63	63.53	63.42	3.73	.52891	.10	.18	182	
9	-3	-9	1	6.87	5.16	5.12	-.62	.51988	1.71	3.22	3	
9	-3	-8	1	2.19	1.91	1.91	-.12	.51688	.28	.18	354	
9	-3	-7	1	12.58	13.29	13.27	.62	.52000	-.71	-2.04	184	
9	-3	-6	1	18.65	19.62	19.47	2.39	.52915	-.97	-3.38	177	
9	-3	-5	1	17.05	18.61	18.61	.14	.54400	-1.56	-5.19	6	
9	-3	-4	1	2.23	1.99	1.99	.06	.56412	.24	.15	0	
9	-3	-3	1	4.89	4.80	4.80	-.06	.58897	.09	.11	1	

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H	A	L	GRP	FD	FC	A	B	SINTH/LN	DF	WDF	ANGLE CALC	ANGLE STAT
9	-3	-2	1	20.76	20.82	-20.80	-.83	.61796	-.06	-.20	183	
9	-3	-1	1	57.55	55.12	59.01	3.46	.65056	2.43	4.67	183	
9	-3	0	1	20.13	20.50	-20.45	-1.40	.68625	-.32	-.96	184	
9	-2	-16	1	21.54	21.21	-21.21	-.05	.67714	.34	1.01	181	
9	-2	-15	1	25.89	25.08	25.08	.51	.64135	.81	2.70	1	
9	-2	-14	1	7.39	6.52	6.40	1.25	.60867	.87	1.46	11	
9	-2	-13	1	8.63	9.40	-9.40	-.01	.57964	-.57	-1.14	181	
9	-2	-12	1	12.36	13.03	-13.03	-.40	.55483	-.67	-1.78	182	
9	-2	-11	1	8.91	8.16	8.16	-.20	.53483	.65	1.41	359	
9	-2	-10	1	37.06	37.32	37.19	4.75	.52019	-.26	-.35	3	
9	-2	-9	1	13.70	13.09	-13.06	-.94	.51138	.61	1.87	185	
9	-2	-8	1	39.90	40.98	40.98	.45	.50870	-1.08	-3.11	0	
9	-2	-7	1	2.16	2.54	2.44	.71	.51224	-.38	-.25	16	
9	-2	-6	1	6.09	4.99	-4.99	-.03	.52188	1.10	1.87	161	
9	-2	-5	1	7.37	2.12	-1.45	1.55	.53729	5.26	10.45	133	
9	-2	-4	1	6.71	8.71	-8.70	-.42	.55799	-2.01	-3.45	183	
9	-2	-3	1	32.82	33.19	-33.18	-.83	.58341	-.37	-1.21	182	
9	-2	-2	1	13.41	13.04	-13.04	-.23	.61298	.37	1.01	181	
9	-2	-1	1	57.57	56.67	56.54	3.83	.64612	.90	1.74	3	
9	-2	0	1	6.77	5.95	-5.88	-.86	.68232	.83	1.14	189	
9	-1	-16	1	14.18	14.51	-14.51	-.18	.67311	-.32	-.79	181	
9	-1	-15	1	19.01	19.01	-18.97	-1.26	.63738	.01	-.02	184	
9	-1	-14	1	50.00	50.38	50.24	3.73	.60479	-.38	-.89	4	
9	-1	-13	1	9.77	6.70	-6.70	.03	.57589	2.07	4.34	179	
9	-1	-12	1	6.92	8.18	-8.17	-.41	.55126	-1.26	-2.12	184	
9	-1	-11	1	33.35	34.30	34.39	.71	.53148	-1.05	-3.13	1	
9	-1	-10	1	59.90	61.30	61.24	2.84	.51711	-1.40	-2.62	2	
9	-1	-9	1	12.18	11.33	-11.33	-.26	.50862	.84	2.40	182	
9	-1	-8	1	2.18	1.71	-1.71	.16	.50629	.46	.30	174	
9	-1	-7	1	17.44	17.19	-17.19	.16	.51022	.24	.85	0	
9	-1	-6	1	15.24	16.24	-16.20	-1.11	.52026	-1.00	-3.26	184	
9	-1	-5	1	30.51	29.73	29.52	3.54	.53606	.78	2.44	6	
9	-1	-4	1	30.63	31.17	-31.16	-.82	.55715	-.49	-1.68	182	
9	-1	-3	1	17.43	17.98	-17.98	-.35	.58293	-.55	-1.74	182	
9	-1	-2	1	14.86	14.97	14.94	.99	.61283	-.11	-.32	3	
9	-1	-1	1	5.83	6.20	5.93	1.83	.64627	-.38	-.48	17	
9	0	0	1	6.51	8.99	8.99	.12	.68273	-2.48	-4.8	0	
9	0	-16	1	15.12	13.87	13.87	.13	.67348	-2.48	-4.8	0	
9	0	-15	1	50.86	51.34	-51.33	-1.38	.63806	1.25	3.22	0	
9	0	-14	1	62.93	64.05	63.90	4.32	.60583	-.48	-1.08	182	
9	0	-13	1	9.56	9.15	-9.13	-.53	.57730	-1.12	-1.87	3	
9	0	-12	1	3.78	.88	.88	-.03	.55307	.41	.90	184	
9	0	-11	1	8.77	8.18	8.17	.31	.53371	.59	2.84	358	
9	0	-10	1	22.24	22.14	-22.14	-.36	.51977	.10	.38	2	
9	0	-9	1	28.44	28.63	28.57	1.90	.51169	-.19	-.68	181	
9	0	-8	1	2.21	2.63	2.60	.41	.50974	-.42	-.27	3	
9	0	-7	1	23.39	23.22	23.22	-.06	.51401	.17	.66	0	
9	0	-6	1	31.14	32.64	-32.63	-.76	.52433	-1.50	-5.19	182	
9	0	-5	1	44.83	43.82	43.51	4.24	.54037	1.02	2.57	5	
9	0	-4	1	7.85	9.03	9.02	-.55	.56163	-1.18	-2.34	357	
9	0	-3	1	16.33	10.12	10.12	.21	.58754	-2.27	-4.26	1	
9	0	-2	1	36.85	13.79	-13.78	.40	.61752	2.55	7.50	178	
9	0	-1	1	33.94	32.76	-32.70	-.62	.65101	1.41	4.19	182	
9	0	0	1	18.81	18.29	-18.28	-.39	.68749	1.18	4.02	3	
9	1	-15	1	21.66	21.56	-21.55	-.71	.64338	.52	1.45	182	
9	1	-16	1						.10	.31	182	

H	K	L	Gap	FD	FC	A	E	SIN/H/LW	DE	W*DE	ANGLE CALC	ANGLE STAY
9	1	-14	1	46.94	47.90	47.73	2.54	.61174	-1.94	-1.95	182	
9	1	-13	1	15.94	17.16	-17.16	-.33	.58383	-1.22	-3.57	182	
9	1	-12	1	23.64	23.49	-23.49	.17	.56021	.18	4.6	179	
9	1	-11	1	31.83	33.13	-33.13	-.27	.54146	-1.25	-4.15	181	
9	1	-10	1	4.27	5.78	-5.62	-1.21	.52407	-1.48	-1.73	193	
9	1	-9	1	63.51	63.00	62.86	4.18	.52048	.51	.95	3	
9	1	-8	1	5.13	5.15	-5.15	.09	.51894	.03	.04	179	
9	1	-7	1	9.44	8.90	-8.80	-.20	.52349	.68	1.66	182	
9	1	-6	1	22.15	24.25	24.24	.49	.53398	-2.00	-7.73	1	
9	1	-5	1	43.06	45.61	45.55	2.34	.55008	-2.55	-4.28	2	
9	1	-4	1	11.45	10.67	-10.67	-.15	.57130	.79	2.01	191	
9	1	-3	1	14.00	13.96	13.96	.40	.59711	.03	.10	1	
9	1	-2	1	13.89	14.52	-14.52	-.25	.62693	-.63	-1.63	181	
9	1	-1	1	21.59	22.38	-22.38	1.33	.66023	-1.79	-2.44	184	
9	1	0	1	24.81	22.57	-22.33	3.31	.69650	2.24	6.98	P	
9	1	-1	1	2.57	1.53	1.53	-.05	.56732	1.03	.56	358	
9	1	-1	1	11.34	10.33	-10.33	.10	.65323	1.01	2.20	0	
9	1	-1	1	31.82	32.96	-32.96	-.52	.62239	-1.14	-3.80	181	
9	1	-1	1	10.99	9.92	9.79	1.65	.59530	1.06	2.47	9	
9	1	-1	1	19.34	17.98	17.98	1.05	.57248	1.36	4.56	3	
9	1	-1	1	24.77	25.20	-25.20	-.23	.55448	-.43	-1.57	181	
9	1	-1	1	24.92	25.20	-25.17	1.17	.54177	-.28	-1.06	183	
9	1	-1	1	61.45	64.05	63.90	4.33	.53473	-2.60	-4.73	3	
9	1	-1	1	2.24	.39	-.14	-.36	.53357	1.85	1.16	248	
9	1	-1	1	21.20	20.04	-20.04	-.31	.53835	1.15	4.22	181	
9	1	-1	1	30.43	31.07	31.06	.65	.54890	-.64	-2.22	1	
9	1	-1	1	17.33	17.49	17.40	-.24	.56491	-.02	-.06	0	
9	1	-1	1	13.43	13.26	13.13	1.83	.58591	.17	.47	7	
9	1	-1	1	8.22	9.53	-9.53	.20	.61141	-1.31	-2.41	178	
9	1	-1	1	14.05	13.14	13.14	-.10	.64086	.91	2.41	0	
9	1	-1	1	8.29	8.78	8.77	-.30	.67375	-.40	-.77	359	
9	1	-1	1	23.13	22.31	22.29	.99	.70054	.82	2.47	2	
9	1	-1	1	29.78	29.75	29.74	.83	.66741	.03	1.03	1	
9	1	-1	1	39.94	39.60	-39.56	-1.77	.63755	.34	1.03	183	
9	1	-1	1	46.98	47.64	47.50	3.61	.61143	-.66	-1.50	4	
9	1	-1	1	2.64	2.38	2.23	.83	.58957	.26	.17	20	
9	1	-1	1	16.34	16.20	16.20	.04	.57243	.14	.44	0	
9	1	-1	1	42.26	41.26	-41.24	-1.01	.56046	1.01	2.74	182	
9	1	-1	1	13.36	14.46	14.35	1.73	.55399	-1.10	-3.06	6	
9	1	-1	1	3.68	5.30	5.30	.03	.55322	-1.62	-1.54	0	
9	1	-1	1	15.79	15.97	15.96	.66	.55817	-.18	-.56	2	
9	1	-1	1	5.80	6.25	-6.25	.06	.56868	-.45	-.66	179	
9	1	-1	1	36.82	38.50	-38.46	-1.67	.58447	-1.68	-5.08	183	
9	1	-1	1	74.31	73.76	73.64	4.17	.60511	.55	.92	3	
9	1	-1	1	6.02	6.92	6.91	.24	.63013	-.89	-1.21	2	
9	1	-1	1	5.24	4.58	4.58	-.07	.65903	.65	.75	0	
9	1	-1	1	8.97	6.52	-6.52	.08	.69132	2.45	4.21	179	
9	1	-1	1	2.59	1.92	1.89	.32	.68564	.68	.36	9	
9	1	-1	1	3.65	1.72	-.99	-1.41	.65689	1.93	1.59	235	
9	1	-1	1	57.91	57.45	57.33	3.72	.63188	.45	.90	3	
9	1	-1	1	7.16	6.33	-6.33	-.19	.61105	.83	1.39	192	
9	1	-1	1	11.55	10.63	-10.63	-.12	.59485	.92	2.23	181	
9	1	-1	1	13.63	13.99	-13.99	-.16	.58367	-.35	-.98	181	
9	1	-1	1	15.24	15.60	-15.59	-.59	.57779	-.35	-1.07	183	
9	1	-1	1	15.96	14.51	14.40	1.75	.57737	1.46	4.47	6	
9	1	-1	1	17.27	15.78	15.73	1.17	.58244	1.50	4.65	4	

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H	K	L	GRP	FD	FC	A	B	SINH/LM	GF	WADF	ANGLE CALC
0	4	-8	1	17.35	19.29	-19.29	-1.19	.59284	-.94	-2.93	181
0	4	-5	1	7.10	7.77	-7.70	-1.06	.60830	-.68	-1.12	182
0	4	-4	1	30.97	32.49	32.28	3.69	.62846	-1.52	-5.42	6
0	4	-3	1	4.14	6.06	6.06	-.14	.65287	-1.92	-1.78	359
0	4	-2	1	6.99	3.17	3.17	.06	.65109	-.62	-.34	1
0	4	-1	1	17.31	16.97	16.97	-.86	.68008	.27	.39	353
0	5	-1	1	12.73	12.27	12.27	1.59	.65623	.33	.94	5
0	5	-1	1	7.34	5.56	5.49	.15	.63650	.46	1.12	0
0	5	-1	1	5.10	2.50	2.41	.87	.62127	1.78	2.94	8
0	5	-1	1	30.98	32.22	32.17	.66	.61097	2.61	3.12	15
0	5	-1	1	31.60	31.90	31.71	-1.82	.60557	-1.34	-4.28	184
0	5	-1	1	2.41	.80	.51	3.47	.60548	-.30	-1.01	6
0	5	-1	1	22.98	21.38	-21.38	.62	.61062	1.61	.93	50
0	5	-1	1	2.43	1.08	.99	-.37	.62086	1.60	5.31	181
0	5	-1	1	8.63	10.23	10.14	1.35	.63594	1.35	.76	337
0	5	-1	1	3.43	2.80	2.79	.25	.65553	-1.60	-2.90	7
0	5	-1	1	4.45	3.72	3.70	.38	.68408	.63	.45	5
0	5	-1	1	9.03	8.83	8.69	1.55	.66545	.73	.67	186
0	5	-1	1	34.46	34.58	34.54	1.60	.65119	.20	.36	10
0	5	-1	1	39.09	40.55	40.54	.88	.64157	-.13	-.42	2
0	5	-1	1	43.17	42.58	42.53	-2.01	.63682	-.59	1.44	183
0	5	-1	1	4.46	5.00	4.09	2.87	.63703	-.54	-.53	35
0	5	-1	1	9.35	7.06	-7.06	-.13	.64221	1.29	2.26	182
0	5	-1	1	23.45	23.95	23.94	.33	.65224	-.49	-1.57	0
0	5	-1	1	27.07	27.88	-27.88	-.27	.66689	-.81	-2.65	181
0	5	-1	1	18.05	19.64	-19.61	-1.00	.68588	-1.58	-4.29	183
0	5	-1	1	39.01	39.90	39.79	2.93	.69748	-.88	-2.49	4
0	5	-1	1	2.58	5.20	5.12	.96	.68415	-2.63	-1.43	10
0	5	-1	1	5.89	4.20	-4.20	-.08	.67529	1.70	2.13	182
0	5	-1	1	4.73	4.86	4.79	-.78	.67105	-.13	-.12	351
0	5	-1	1	22.04	21.30	21.26	1.25	.67154	.74	2.27	3
0	5	-1	1	5.84	8.16	-9.16	.06	.67673	-2.32	-2.66	179
0	5	-1	1	8.62	6.51	6.44	.97	.68653	2.11	3.48	8
0	5	-1	1	2.62	1.32	-1.24	.47	.70073	1.30	.69	159
0	5	-1	1	8.83	8.29	8.29	-.03	.69966	.54	.90	181
0	5	-1	1	39.02	39.38	39.27	3.03	.68648	-.36	-1.07	4
0	5	-1	1	16.24	15.98	-15.78	-1.80	.67774	.36	.93	187
0	5	-1	1	9.06	9.71	9.69	.61	.67362	-.65	-1.10	3
0	5	-1	1	5.32	3.12	-2.84	1.29	.67421	2.21	2.53	155
0	5	-1	1	2.54	1.26	.84	.93	.67948	1.28	.71	47
0	5	-1	1	23.62	24.40	24.37	1.09	.68933	-.78	-2.38	2
0	5	-1	1	12.43	11.68	-11.65	-.78	.70358	.80	1.73	184
0	5	-1	1	13.00	13.07	-13.07	-.37	.68934	-.07	-.17	182
0	5	-1	1	33.83	33.85	33.83	1.30	.67152	-.02	-.07	2
0	5	-1	1	31.10	31.76	31.63	2.81	.65806	-.65	-2.14	5
0	5	-1	1	15.49	14.49	-14.47	-.77	.64923	1.00	2.67	184
0	5	-1	1	20.56	20.53	20.52	.56	.64522	.02	.08	1
0	5	-1	1	14.26	15.13	15.10	.90	.64612	-.87	-2.19	3
0	5	-1	1	9.22	9.00	-9.00	.06	.65191	.22	.41	181
0	5	-1	1	4.10	3.69	3.07	2.05	.66246	.41	.36	33
0	5	-1	1	25.81	26.63	-26.56	-1.89	.67754	-.81	-2.60	185
0	5	-1	1	11.67	12.01	-12.01	-.26	.69687	-.34	-.71	182
0	5	-1	1	12.31	11.39	-11.32	-1.25	.68731	-.92	1.99	187
0	5	-1	1	4.70	2.61	-2.60	.25	.66496	2.09	2.08	174
0	5	-1	1	13.54	13.92	13.85	1.34	.64677	-.38	-.95	5

ANGLE
STAT

M	N	L	GRS	FD	FC	A	B	SINTH/LW	DF	W*DF	ANGLE CALC	ANGLE STAT
10	-6	-11	1	15.15	14.14	-14.12	.81	.63309	1.02	2.71	176	
10	-6	-10	1	22.04	33.14	33.12	1.21	.62419	-1.10	-3.42	2	
10	-6	-9	1	6.91	7.04	7.03	-.43	.62033	-.13	-.21	357	
10	-6	-8	1	10.93	10.95	10.95	-.13	.62156	-.02	-.05	0	
10	-6	-7	1	20.01	20.49	-20.48	-.24	.62788	-.47	-1.48	181	
10	-6	-6	1	25.21	24.55	24.35	3.12	.63912	.67	2.22	7	
10	-6	-5	1	9.28	7.51	-7.46	-1.52	.65503	.67	1.15	192	
10	-6	-4	1	3.27	4.27	4.26	.30	.67528	-1.01	-1.74	4	
10	-6	-3	1	9.63	10.88	10.80	1.31	.69950	-1.19	-2.19	6	
10	-5	-15	1	42.33	42.79	42.65	3.33	.69366	-.45	-1.32	4	
10	-5	-14	1	17.74	16.45	-16.43	.79	.66705	1.29	3.58	193	
10	-5	-13	1	12.91	11.93	-11.93	.02	.64429	.98	2.33	179	
10	-5	-12	1	10.41	11.32	-11.32	.18	.62579	-.91	-1.88	179	
10	-5	-11	1	3.11	1.05	.95	-.45	.61194	2.06	1.59	335	
10	-5	-10	1	31.90	32.20	32.08	2.86	.60306	-.30	-1.03	5	
10	-5	-9	1	25.82	25.92	-25.88	-1.44	.59937	-.10	-.36	184	
10	-5	-8	1	15.27	15.31	15.31	-.06	.56096	-.03	-.10	0	
10	-5	-7	1	24.22	24.49	24.47	1.07	.60780	-.27	-.95	2	
10	-5	-6	1	28.82	28.82	28.69	2.73	.61971	-.00	-.00	5	
10	-5	-5	1	2.43	4.31	4.30	-.39	.63640	-1.88	-1.08	355	
10	-5	-4	1	15.87	15.83	15.82	.49	.65752	.05	.12	1	
10	-5	-3	1	15.52	14.15	-14.15	.28	.62264	1.37	3.53	178	
10	-5	-2	1	10.86	11.91	10.98	.87	.67771	-.15	-.39	4	
10	-4	-14	1	7.23	5.96	5.90	.84	.65074	1.32	2.00	8	
10	-4	-13	1	11.48	10.46	-10.45	-.41	.62769	1.02	2.35	183	
10	-4	-12	1	29.45	29.57	-29.55	-.84	.60900	-.11	-.41	182	
10	-4	-11	1	5.38	4.39	4.38	-.22	.59507	.99	1.31	358	
10	-4	-10	1	37.20	36.64	36.42	3.99	.58278	.56	1.59	6	
10	-4	-9	1	17.52	17.05	-17.00	-1.37	.58278	.47	1.50	185	
10	-4	-8	1	3.69	1.00	.99	.16	.58474	2.69	2.58	9	
10	-4	-7	1	44.06	43.84	43.81	1.70	.59208	.21	.55	2	
10	-4	-6	1	10.45	11.15	11.12	.86	.60461	-.70	-1.60	4	
10	-4	-5	1	6.28	5.78	5.69	1.03	.62202	.50	.75	10	
10	-4	-4	1	7.27	7.19	-7.17	-.51	.64389	.08	.12	185	
10	-4	-3	1	2.50	.57	.50	-.27	.66981	1.93	1.08	332	
10	-4	-2	1	4.74	1.36	1.36	-.00	.69654	3.38	3.50	0	
10	-3	-16	1	25.16	25.22	25.22	.41	.69654	-.06	-.19	0	
10	-3	-15	1	38.49	40.23	-40.21	-1.31	.66586	-1.74	-5.08	182	
10	-3	-14	1	36.81	36.38	36.25	3.13	.63869	.43	1.20	4	
10	-3	-13	1	11.33	9.19	9.19	-.31	.61549	2.14	4.93	359	
10	-3	-12	1	2.37	1.04	-.98	-.33	.59673	1.33	.79	179	
10	-3	-11	1	22.84	23.31	-23.31	.21	.58283	-.47	-1.66	179	
10	-3	-10	1	11.34	11.55	11.17	2.91	.57416	-.20	-.51	14	
10	-3	-9	1	10.01	12.17	12.17	-.23	.57094	-2.15	-4.91	359	
10	-3	-8	1	11.51	10.05	-10.05	.11	.57327	1.47	3.78	179	
10	-3	-7	1	4.36	3.84	3.83	.28	.58108	.51	.59	4	
10	-3	-6	1	17.66	17.86	-17.84	-.85	.59416	-.20	-.63	183	
10	-3	-5	1	49.92	48.57	48.45	3.31	.61217	1.35	3.14	3	
10	-3	-4	1	16.39	18.25	-18.21	-1.19	.63468	-1.86	-5.22	184	
10	-3	-3	1	8.79	7.62	7.62	-.16	.66125	1.17	2.09	359	
10	-3	-2	1	15.27	13.50	13.46	.99	.69139	1.77	4.48	4	
10	-2	-16	1	4.03	1.75	-1.74	-.23	.68907	2.28	1.95	188	
10	-2	-15	1	11.12	11.99	-11.97	-.71	.65833	-.87	-1.82	184	
10	-2	-14	1	54.49	55.91	55.73	4.51	.63113	-1.42	-2.78	4	
10	-2	-13	1	2.40	1.04	.82	-.64	.60796	1.36	.79	323	
10	-2	-12	1	2.36	1.89	1.89	.08	.58928	.47	.28	2	

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H	K	L	GRP	FQ	FC	A	B	SINHL/LW	DF	W*DF
10	-2	-11	1	16.46	16.33	-16.32	.43	.57553	.53	1.65
10	-2	-10	1	8.77	7.94	-7.93	.46	.56707	.83	1.72
10	-2	-9	1	2.67	2.46	-2.63	1.12	.56414	.10	1.14
10	-2	-8	1	8.79	9.84	-9.83	-1.20	.56683	-1.05	-2.73
10	-2	-7	1	20.72	21.53	-21.52	-.72	.57506	-.82	-2.90
10	-2	-6	1	5.72	4.57	-4.54	-.45	.58959	1.15	1.65
10	-2	-5	1	55.40	56.17	-56.01	4.19	.60707	-.77	-1.54
10	-2	-4	1	6.17	1.05	-.47	-.94	.63007	5.11	7.25
10	-2	-3	1	18.53	18.59	18.57	.35	.65711	.00	.00
10	-2	-2	1	7.95	9.02	8.96	1.00	.68771	-1.17	-1.83
10	-1	-16	1	4.85	4.42	-4.41	-.27	.68588	.44	.42
10	-1	-15	1	24.31	25.63	25.62	-.27	.65527	-1.32	-4.24
10	-1	-14	1	18.03	18.01	17.76	2.99	.62824	.06	.19
10	-1	-13	1	5.72	8.06	-8.05	-.38	.60526	-2.33	-2.92
10	-1	-12	1	2.34	1.16	1.15	.18	.58682	1.18	.70
10	-1	-11	1	2.26	.62	-.61	.09	.57334	1.65	1.02
10	-1	-10	1	9.76	10.76	-10.70	-1.17	.56518	-1.00	-2.19
10	-1	-9	1	32.57	32.70	32.52	3.35	.56758	-.12	-.41
10	-1	-8	1	10.60	11.53	-11.52	-.50	.56561	-.93	-2.21
10	-1	-7	1	32.57	33.67	-33.67	-.65	.57418	-1.10	-3.50
10	-1	-6	1	30.86	32.01	32.00	.81	.58805	-1.14	-3.94
10	-1	-5	1	24.46	25.24	25.10	2.64	.60686	-.78	-2.72
10	-1	-4	1	2.42	2.53	2.52	-.25	.63016	-.11	-.07
10	-1	-3	1	4.71	.87	-.86	.16	.65748	3.94	4.23
10	-1	-2	1	24.28	24.96	24.95	.46	.68700	-.68	-2.08
10	-1	-16	1	15.53	16.17	16.17	.03	.68834	-.64	-1.59
10	-1	-15	1	11.85	11.94	11.93	.33	.65674	-.08	-.19
10	-1	-14	1	18.70	18.33	-18.33	.08	.63007	.38	1.14
10	-1	-13	1	13.96	13.40	-13.35	1.18	.60747	.56	1.50
10	-1	-12	1	31.96	31.58	31.57	.80	.58941	.38	1.25
10	-1	-11	1	26.11	25.31	25.31	.09	.57632	.80	2.99
10	-1	-10	1	39.87	40.78	40.75	-1.34	.56854	-.90	-2.38
10	-1	-9	1	45.50	45.99	45.69	4.35	.56629	-.40	-.97
10	-1	-8	1	16.93	18.22	18.21	-.39	.56963	-1.29	-4.13
10	-1	-7	1	10.03	10.95	10.95	.04	.57847	-.92	-2.07
10	-1	-6	1	27.22	25.52	-25.52	.27	.59255	1.70	6.26
10	-1	-5	1	33.34	31.32	-31.32	-.14	.61153	2.02	6.56
10	-1	-4	1	37.07	36.91	36.87	1.71	.63496	.16	.49
10	-1	-3	1	5.79	4.50	-4.50	-.13	.66237	1.19	1.50
10	-1	-2	1	3.48	.74	-.62	-.40	.69328	2.74	2.02
10	-1	-16	1	17.30	17.67	-17.67	.06	.69244	-.37	-1.00
10	-1	-15	1	12.62	13.56	-13.56	-.04	.66271	-.94	-2.10
10	-1	-14	1	21.92	21.65	21.63	-.94	.63659	.27	.94
10	-1	-13	1	50.84	51.59	51.47	3.52	.61453	-.75	-1.70
10	-1	-12	1	7.07	7.18	7.16	.50	.59700	-.11	-.17
10	-1	-11	1	11.14	11.41	11.41	-.08	.58441	-.27	-.65
10	-1	-10	1	15.29	15.03	15.03	.00	.57706	.27	.80
10	-1	-9	1	8.95	11.37	11.06	2.64	.57517	-2.42	-5.04
10	-1	-8	1	9.05	8.26	-8.25	-.36	.57878	.79	1.67
10	-1	-7	1	20.51	21.53	21.53	.48	.58780	-1.02	-3.39
10	-1	-6	1	22.69	24.18	-24.18	-.25	.60198	-1.49	-5.06
10	-1	-5	1	30.62	32.84	-32.81	-1.51	.62098	-2.22	-8.12
10	-1	-4	1	35.32	33.41	33.23	3.39	.64435	1.92	6.37
10	-1	-3	1	7.40	4.75	4.75	-.10	.67166	2.65	4.02
10	-1	-2	1	15.85	16.45	-16.44	-.48	.70243	-.59	-1.45
10	-1	-16	1	5.82	6.03	5.96	.96	.70209	-.21	-.24

ANGLE CALC
STAT

ANGLE	ANGLE
CALC	STAT
178	178
176	176
23	23
182	182
182	182
186	186
4	4
297	297
1	1
6	6
184	184
0	0
9	9
183	183
8	8
171	171
187	187
5	5
183	183
182	182
1	1
5	5
355	355
169	169
1	1
179	179
1	1
5	5
182	182
5	5
359	359
0	0
179	179
181	181
2	2
182	182
213	213
179	179
181	181
358	358
3	3
4	4
0	0
13	13
183	183
1	1
181	181
183	183
5	5
359	359
182	182
9	9

F	K	L	GAP	P3	FC	A	B	SINTH/LW	DF	W*DF	ANGLE CALC	ANGLE STAT
10	2	-15	1	13.12	13.91	-13.90	-.09	.67306	-.74	-1.73	181	
10	2	-14	1	2.52	3.25	-3.03	-1.26	.64764	-.76	-.42	203	
10	2	-13	1	39.61	39.54	39.42	4.14	.62628	-1.03	-2.95	5	
10	2	-12	1	11.36	13.54	13.53	-.14	.60940	-2.19	-5.15	0	
10	2	-11	1	10.02	9.06	-9.06	-.31	.59739	.95	2.09	182	
10	2	-10	1	22.69	22.92	22.91	.57	.59051	-.23	-.89	1	
10	2	-9	1	2.37	4.30	-4.30	.05	.58908	-1.93	-1.14	179	
10	2	-8	1	5.15	3.59	3.34	1.30	.59283	-1.57	1.93	21	
10	2	-7	1	2.34	5.41	-5.39	.47	.50195	-3.07	-1.83	175	
10	2	-6	1	10.53	9.24	9.24	-.09	.61611	1.29	2.88	0	
10	2	-5	1	6.72	9.52	9.59	-.83	.63498	-.91	-1.62	356	
10	2	-4	1	11.77	12.48	11.98	3.50	.65815	-.71	-1.61	16	
10	2	-3	1	10.97	8.46	-8.45	-.48	.68517	2.51	5.05	184	
10	3	-15	1	9.31	10.03	10.03	.01	.58759	-.72	-1.26	0	
10	3	-14	1	39.53	39.04	-39.02	-1.25	.66302	.49	1.36	182	
10	3	-13	1	4.14	2.31	-.77	2.17	.54246	1.84	1.69	109	
10	3	-12	1	6.21	7.25	-7.25	-.25	.62632	-1.04	-1.40	182	
10	3	-11	1	16.04	12.06	18.05	.64	.61493	-.02	-.06	2	
10	3	-10	1	11.12	10.94	10.83	.39	.60957	.27	.52	2	
10	3	-9	1	11.45	12.18	-12.07	.39	.60957	.27	.52	2	
10	3	-8	1	50.05	49.59	49.46	-1.58	.60740	-.73	-1.74	168	
10	3	-7	1	12.02	12.25	12.24	.58	.61144	.46	1.07	4	
10	3	-6	1	15.33	15.44	15.44	.01	.62059	-.23	-.55	2	
10	3	-5	1	14.55	13.54	-13.53	-.39	.63463	-.11	-.29	0	
10	3	-4	1	8.64	10.87	10.70	1.89	.65325	1.02	2.53	182	
10	3	-3	1	4.70	7.34	7.34	-.03	.67607	-2.23	-3.81	10	
10	3	-2	1	31.27	31.88	-31.87	-.51	.70266	-2.64	-2.54	0	
10	4	-14	1	3.06	4.88	4.88	.02	.66275	-.61	-1.20	181	
10	4	-13	1	7.62	11.23	11.23	1.21	.66275	-1.77	-1.26	81	
10	4	-12	1	11.37	13.77	13.77	1.22	.63669	.74	1.96	5	
10	4	-11	1	14.51	13.77	13.77	1.22	.63084	1.11	1.81	0	
10	4	-10	1	7.62	6.51	6.51	.10	.63001	.22	.50	354	
10	4	-9	1	11.37	11.13	11.05	-1.21	.63420	-1.27	-3.35	5	
10	4	-8	1	41.16	42.43	42.25	3.85	.64332	-3.05	-5.88	0	
10	4	-7	1	9.73	12.78	12.78	-.05	.65717	-1.62	-3.79	0	
10	4	-6	1	13.15	14.79	14.78	.09	.65717	-1.62	-3.79	0	
10	4	-5	1	8.83	6.50	-6.50	.13	.67544	2.33	4.19	178	
10	4	-4	1	11.36	11.99	-11.98	-.39	.69781	-.63	-1.25	182	
10	4	-3	1	16.55	16.43	-16.35	-1.68	.68677	.12	.31	186	
10	4	-2	1	39.52	40.06	39.94	3.13	.67226	-.54	-1.48	4	
10	4	-1	1	8.12	9.70	9.65	.91	.66223	-1.58	-2.53	5	
10	5	-10	1	25.41	23.95	-23.95	-.39	.65690	1.46	4.83	181	
10	5	-9	1	7.29	7.59	7.56	-.67	.65690	-.30	-.48	355	
10	5	-8	1	25.54	27.03	26.95	2.02	.66070	-1.48	-4.93	4	
10	5	-7	1	5.50	4.54	4.54	.01	.66974	.96	1.13	0	
10	5	-6	1	10.64	11.45	-11.45	.32	.68332	-.81	-1.62	178	
10	5	-5	1	33.03	31.20	31.19	.70	.70119	1.84	6.05	1	
10	5	-4	1	8.18	8.51	8.02	2.82	.70948	-.83	-.51	19	
10	5	-3	1	9.10	9.14	9.14	.13	.69114	-.03	-.06	0	
10	5	-2	1	13.44	12.56	12.56	.19	.68631	.89	2.07	0	
10	5	-1	1	31.40	32.46	-32.45	-.44	.68609	-1.06	-3.50	181	
10	6	-8	1	13.41	15.07	-15.06	-.51	.69049	-1.66	-3.75	182	
10	6	-7	1	22.95	21.98	21.92	1.60	.69941	.97	2.89	4	
10	6	-6	1	4.07	5.70	5.64	.79	.70481	-1.63	-1.35	7	
10	6	-5	1	9.99	10.26	10.26	.12	.69616	-.27	-.51	0	
10	6	-4	1	9.26	10.31	10.13	1.92	.69200	-1.05	-1.84	10	
10	6	-3	1	31.28	32.04	-31.99	-1.74	.69243	-.76	-2.55	184	

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H	K	L	GRD	FQ	FC	V	B	SINTH/LW	DF	W*DF	ANGLE CALC	ANGLE STAT
11	-7	-8	1	11.41	12.16	-12.15	-.45	.59742	-.74	-1.53	183	
11	-6	-13	1	18.80	15.45	18.45	-.02	.69517	.34	.97	0	
11	-6	-12	1	7.50	7.03	7.03	-.13	.68203	.46	.69	359	
11	-6	-11	1	23.65	24.26	-24.25	-.63	.67337	-.61	-1.94	182	
11	-6	-10	1	36.65	35.20	35.04	-.63	.65936	1.41	4.35	5	
11	-6	-9	1	9.64	10.80	-10.70	-1.52	.67008	-1.16	-2.22	189	
11	-6	-8	1	12.34	12.02	-12.02	-.02	.67551	.32	.72	181	
11	-6	-7	1	5.51	4.01	3.91	1.26	.58555	1.60	1.91	19	
11	-6	-6	1	8.09	7.52	7.46	.99	.70002	.57	.89	7	
11	-5	-14	1	23.75	23.98	23.98	2.36	.69377	-.23	-.68	5	
11	-5	-13	1	13.57	13.90	-13.87	-.92	.67620	-.33	-.81	184	
11	-5	-12	1	18.31	18.26	18.26	-.12	.66297	.05	.14	0	
11	-5	-11	1	13.35	12.19	12.18	.54	.65435	1.16	2.87	2	
11	-5	-10	1	40.19	39.54	39.42	3.12	.65051	.65	1.83	4	
11	-5	-9	1	7.09	6.60	-6.55	-.66	.65154	.49	.76	186	
11	-5	-8	1	4.46	2.88	2.85	.43	.65741	1.57	1.62	8	
11	-5	-7	1	19.22	18.38	-18.38	.28	.66801	.84	2.41	179	
11	-5	-6	1	17.44	16.25	-16.25	-.45	.68310	1.19	3.22	182	
11	-5	-5	1	45.95	46.25	46.18	2.62	.70241	-.31	-.77	3	
11	-4	-15	1	18.64	18.54	18.54	-.36	.70066	.10	.28	359	
11	-4	-14	1	37.74	37.19	37.00	3.82	.67888	.54	1.57	5	
11	-4	-13	1	15.72	15.78	-15.74	-1.14	.66120	-.06	-.15	185	
11	-4	-12	1	5.70	5.91	5.91	.04	.64796	-.21	-.25	179	
11	-4	-11	1	46.03	47.42	47.39	1.56	.63942	-1.33	-3.24	1	
11	-4	-10	1	16.50	17.40	17.35	1.23	.63579	-.89	-2.51	4	
11	-4	-9	1	6.60	9.67	9.64	.68	.63714	-3.07	-4.28	4	
11	-4	-8	1	3.37	2.36	2.35	-.22	.64344	1.00	.80	355	
11	-4	-7	1	9.13	9.80	-9.79	-.38	.65455	-.57	-1.22	183	
11	-4	-6	1	5.02	3.31	3.29	-.33	.67023	1.72	1.89	355	
11	-4	-5	1	21.03	19.27	19.03	3.03	.69016	1.77	5.27	9	
11	-3	-14	1	6.09	5.62	5.62	.01	.66997	.47	.57	0	
11	-3	-13	1	21.76	22.91	22.68	3.22	.66813	-1.15	-3.51	8	
11	-3	-12	1	4.32	2.95	2.90	-.53	.65044	1.37	1.32	350	
11	-3	-11	1	10.14	11.11	11.11	.29	.63727	-.98	-2.00	1	
11	-3	-10	1	7.96	9.45	9.43	.56	.62889	-1.49	-2.53	3	
11	-3	-9	1	17.68	17.75	-17.73	-.86	.62549	-.07	-.20	183	
11	-3	-8	1	55.18	54.55	54.46	-.86	.62716	.63	1.24	3	
11	-3	-7	1	4.66	3.25	3.16	-.75	.63386	1.41	1.47	347	
11	-3	-6	1	12.55	11.50	11.50	-.28	.64543	1.05	2.40	359	
11	-3	-5	1	7.85	8.46	8.44	.51	.66161	-.61	-.99	3	
11	-3	-4	1	28.32	28.47	28.35	2.60	.68207	-.15	-.49	5	
11	-2	-15	1	19.32	18.64	-18.64	.22	.68348	.68	1.96	179	
11	-2	-14	1	16.52	17.34	17.30	1.09	.66171	-.82	-2.18	3	
11	-2	-13	1	10.34	10.07	10.05	.60	.64414	.27	.56	3	
11	-2	-12	1	2.45	1.39	-1.39	.05	.53113	1.07	.61	178	
11	-2	-11	1	4.00	5.21	-5.19	-.42	.62297	-1.21	-1.13	185	
11	-2	-10	1	5.84	4.28	4.22	-.71	.61985	1.56	2.11	351	
11	-2	-9	1	57.76	58.73	58.58	4.23	.62183	-.97	-1.94	4	
11	-2	-8	1	4.68	5.58	-5.51	-.85	.62889	-.90	-.99	189	
11	-2	-7	1	29.12	30.29	30.29	.34	.64084	-1.17	-4.01	0	
11	-2	-6	1	2.49	1.45	1.18	.84	.65742	1.04	.59	35	
11	-2	-5	1	6.11	6.64	6.60	.72	.67829	-.52	-.69	6	
11	-2	-4	1	12.67	14.04	13.99	1.07	.70307	-1.36	-2.98	4	
11	-1	-15	1	15.09	15.82	-15.82	-.02	.68131	-.73	-1.77	181	
11	-1	-14	1	2.48	2.57	-2.39	-.93	.65975	-.09	-.05	202	
11	-1	-13	1	34.87	34.05	33.93	2.91	.64242	.82	2.42	4	

H	S	L	GP	EQ	FC	A	B	SINTH/LW	DP	W*PF	ANGLE CALC
11	-1	-12	1	21.04	21.60	-21.60	-.29	.62967	-.56	-1.77	181
11	-1	-11	1	15.34	16.92	-16.91	-.64	.62180	-1.54	-4.20	183
11	-1	-10	1	46.86	47.65	-47.64	.60	.61997	-.78	-1.79	0
11	-1	-9	1	41.25	42.46	-42.34	3.23	.62126	-1.21	-3.28	4
11	-1	-8	1	21.30	20.37	-20.37	-.60	.62862	.92	2.95	182
11	-1	-7	1	11.64	9.89	-9.89	.18	.64087	1.75	4.13	178
11	-1	-6	1	28.62	29.70	-29.69	.69	.65774	-.89	-3.06	1
11	-1	-5	1	2.55	1.50	-1.28	-.78	.67897	1.05	.57	329
11	-1	-4	1	19.27	17.49	-17.31	2.53	.70390	1.78	5.01	9
11	-1	-3	1	16.41	15.20	-15.20	.11	.68349	1.21	3.11	0
11	-1	-2	1	39.49	40.82	-40.79	-1.68	.66229	-1.34	-3.96	183
11	-1	-1	1	41.97	41.98	-41.77	4.23	.64532	-.01	-.02	5
11	0	0	1	13.12	13.94	13.94	-.24	.63293	-.82	-1.98	0
11	0	0	1	7.59	7.76	-7.76	-.21	.62539	-.17	-.28	182
11	0	0	1	19.75	17.69	-17.69	.24	.62289	2.06	6.54	179
11	0	0	1	5.83	4.30	-4.27	.54	.62547	1.52	2.06	7
11	0	0	1	30.09	31.08	31.06	1.21	.63307	-.99	-3.52	2
11	0	0	1	7.98	8.03	-8.03	.09	.64553	-.15	-.25	179
11	0	0	1	10.54	8.59	8.59	-.15	.66256	1.95	3.89	359
11	0	0	1	5.99	4.48	4.42	-.72	.68382	1.51	1.80	351
11	0	0	1	10.99	12.71	12.71	-.06	.68999	-1.82	-3.51	0
11	1	-15	1	2.51	.96	-.76	-.58	.66928	1.55	.86	218
11	1	-14	1	33.17	35.42	35.29	3.05	.65278	-2.25	-7.20	4
11	1	-13	1	13.95	13.60	-13.65	-.47	.64083	.29	.74	182
11	1	-12	1	2.49	4.66	4.65	.30	.63368	-2.17	-1.22	3
11	1	-11	1	27.26	28.46	-28.46	-.22	.63151	-1.20	-4.15	181
11	1	-10	1	11.43	12.56	-12.49	-1.30	.63435	-1.13	-2.52	186
11	1	-9	1	46.90	46.17	-46.06	3.18	.64214	.73	1.75	3
11	1	-8	1	19.35	18.13	-18.12	.21	.65471	1.22	3.63	0
11	1	-7	1	2.99	2.93	-2.90	-.43	.67179	.06	.04	189
11	1	-6	1	5.66	3.18	3.18	.27	.69304	-.63	-.34	1
11	1	-5	1	18.85	19.46	-19.46	.27	.68058	1.12	1.25	184
11	1	-4	1	7.21	6.64	6.62	.47	.66464	.57	.86	4
11	1	-3	1	12.73	12.00	-11.97	.91	.65320	.73	1.69	4
11	1	-2	1	2.52	2.21	-2.13	.59	.64648	.31	.17	164
11	1	-1	1	5.35	1.05	-1.04	-.14	.64464	-1.24	-1.55	353
11	1	0	1	5.82	7.06	-6.95	3.92	.65564	-1.04	-2.52	4
11	1	0	1	49.45	50.49	-50.34	-.35	.66824	-1.04	-2.52	4
11	1	0	1	5.99	4.59	-4.59	.35	.66825	1.30	1.68	185
11	1	0	1	13.16	11.47	-11.47	-.29	.68525	1.69	3.80	182
11	1	0	1	23.65	22.38	-22.38	.58	.69598	1.26	3.84	1
11	1	0	1	20.71	22.31	-22.25	-1.52	.68069	-1.60	-4.70	184
11	1	0	1	49.37	48.20	-48.10	3.06	.66980	1.17	2.79	3
11	1	0	1	25.58	24.74	-24.72	.97	.66353	.84	2.76	2
11	1	0	1	9.85	8.41	-8.41	.00	.66202	1.44	2.74	2
11	1	0	1	28.34	26.89	-26.87	-.97	.66530	1.45	4.85	183
11	1	0	1	30.83	32.64	-32.54	2.48	.67329	-1.81	-5.92	4
11	1	0	1	8.80	7.18	-7.18	-.19	.68584	1.62	2.71	182
11	1	0	1	11.70	9.84	-9.84	.21	.70270	1.85	3.86	178
11	1	0	1	5.40	7.61	-7.48	-1.39	.70062	-2.20	-2.33	350
11	1	0	1	43.89	46.01	-45.86	3.66	.69032	-2.11	-5.26	4
11	1	0	1	9.76	12.12	-12.12	.20	.68451	-2.36	-4.31	0
11	1	0	1	10.37	12.22	-12.22	.07	.68332	-1.86	-3.51	0
11	1	0	1	16.44	15.34	-15.34	-.16	.68677	1.10	2.85	181
11	1	0	1	16.87	17.39	-17.39	-.11	.69479	-.52	-1.35	181

ANGLE
STAT

H	K	L	GRP	FD	FC	A	B	SIN ² H/L ²	DF	W*DF	ANGLE CALC	ANGLE STAT
12	-5	-11	1	12.89	11.73	-11.73	.40	.70252	1.15	2.50	178	
12	-5	-10	1	2.61	.69	.66	-.20	.70307	1.92	1.03	178	
12	-4	-13	1	4.67	.53	.43	.32	.70147	4.14	4.00	344	
12	-4	-12	1	20.51	20.27	-20.27	-.21	.69318	.24	4.68	36	
12	-4	-11	1	15.04	15.48	-15.48	-.42	.68941	-.44	-1.07	181	
12	-4	-10	1	5.39	1.41	1.32	-.50	.69024	3.98	4.55	340	
12	-4	-9	1	29.49	29.40	28.22	3.24	.69564	1.07	3.49	6	
12	-3	-14	1	22.79	23.45	-23.44	-.78	.70465	-.75	-2.18	182	
12	-3	-13	1	32.05	32.48	32.38	2.51	.69210	-.43	-1.34	4	
12	-3	-12	1	2.57	2.49	-2.46	-.40	.68397	.08	.04	190	
12	-3	-11	1	7.55	7.75	-7.74	-.52	.68043	-.21	-.32	184	
12	-3	-10	1	7.81	9.98	-9.98	-.01	.68154	-2.17	-3.30	181	
12	-3	-9	1	48.67	50.20	50.10	3.19	.68729	-1.53	-3.52	3	
12	-3	-8	1	11.48	10.30	-10.28	-.70	.69756	1.19	2.44	184	
12	-2	-14	1	13.32	14.42	-14.38	-1.04	.69932	-1.10	-2.50	185	
12	-2	-13	1	54.27	55.30	55.15	4.00	.68694	-1.02	-2.15	4	
12	-2	-12	1	7.63	7.69	7.67	-.51	.67903	-.06	-.09	357	
12	-2	-11	1	18.63	19.39	19.39	.14	.67574	-.76	-2.12	0	
12	-2	-10	1	16.13	14.00	-13.99	.47	.67714	2.14	5.57	178	
12	-2	-9	1	32.22	34.40	34.37	1.23	.68320	-2.18	-7.03	6	
12	-2	-8	1	5.48	6.85	6.81	.72	.69381	-1.37	-1.54	2	
12	-1	-14	1	37.44	38.65	38.65	.22	.69822	-1.21	-4.16	0	
12	-1	-13	1	63.69	67.14	67.05	3.59	.68610	-3.46	-6.35	3	
12	-1	-12	1	23.60	23.05	-23.04	-.68	.67845	.55	1.72	182	
12	-1	-11	1	4.07	1.82	1.80	.20	.67544	2.25	1.95	6	
12	-1	-10	1	32.28	33.62	33.61	.73	.67712	-1.34	-4.51	1	
12	-1	-9	1	8.63	8.32	-8.29	-.79	.68346	.30	.50	186	
12	0	-14	1	12.30	12.98	12.78	2.30	.69433	-.69	-1.42	10	
12	0	-13	1	2.64	5.79	5.79	.23	.70138	-3.15	-6.17	2	
12	0	-12	1	21.03	23.17	23.15	1.09	.68958	-2.15	-6.11	2	
12	0	-11	1	14.95	16.39	16.38	.67	.68225	-1.44	-3.52	2	
12	0	-10	1	2.53	.90	.82	.38	.67953	1.63	.90	25	
12	0	-9	1	12.56	10.64	10.64	.07	.68147	1.92	4.22	0	
12	0	-8	1	25.38	28.01	-27.98	-1.26	.68805	-2.62	-8.34	183	
12	0	-7	1	55.86	54.68	54.54	3.88	.69911	1.18	2.46	4	
12	1	-13	1	10.09	12.47	-12.43	-.99	.69732	-2.39	-4.23	185	
12	1	-12	1	32.60	31.74	31.64	2.58	.69035	.85	2.98	4	
12	1	-11	1	14.96	13.47	13.46	.52	.68793	1.49	3.65	2	
12	1	-10	1	3.75	3.40	-3.39	-.29	.69013	.34	.27	185	
12	1	-9	1	5.41	2.69	-2.67	-.32	.69689	2.72	2.99	187	
12	1	-12	1	48.93	49.73	49.57	3.88	.70260	-.80	-2.02	4	
12	2	-11	1	15.71	14.87	-14.87	-.23	.70049	.84	2.10	181	
12	2	-10	1	8.70	5.38	-5.37	-.35	.70292	3.31	5.49	184	

REFLECTION STATISTICS

NUMBER OF ATOMS IN THE ASYMMETRIC UNIT 35
 NUMBER OF REFLECTIONS 4243
 NUMBER OF OBSERVED REFLECTIONS 3711
 NUMBER OF LESS-THAN REFLECTIONS 532
 NUMBER OF REFLECTIONS IGNORED 0
 REFLECTIONS WHERE FD/FC LIES OUTSIDE THE 0.1 TO 10.0 RANGE .9965
 OVERALL LINEAR SCALING RATIO 2
 SLOPE OF LN(FD/FC) VS (SIN(THETA)/LAMBDA)**2 -.0127

SCALE GROUP	NUMBER OF REFLECTIONS	OLD F(RELATIVE) SCALE FACTORS	NEW F(RELATIVE) SCALE FACTORS	P-VALUES
1	4243	.2297	.2289	.03156

 *
 * R(OVERALL) = .03156 *
 *

PREDICTED R VALUE OF .03107 IF OVERALL LEAST SQUARES SCALE OF .23076 WERE TO BE APPLIED.

FC COMPLETED

INTERCHANGED NFILEA = 3 NFILEB = 9.

*****STORE REQUIREMENTS IN WORDS*****
 CURRENT PROGRAM FC 1500
 PREVIOUS PROGRAM FC 446
 CURRENT SIZE OF DATA ARRAY 446
 REQUIRED SIZE OF DATA ARRAY 446
 MAXIMUM SIZE OF DATA ARRAY 446
 TOTAL CORE CURRENTLY AVAILABLE 046400
 LARGEST AMOUNT CORE USED SO FAR 050620

TIME ELAPSED TIME DATE
 1.02 MIN 1.51 MIN 04/19/77

FC CARD INPUT

TEMPERATURE FACTOR TYPE	LIST REFLECTIONS	DISPERSION CORRECTION	REFLECTION SURVEY	PARTIAL CONTRIBUTION	DIFFRACTION UPDATE SCALE FACTORS
MIXD	YES	YES	NO	NO	XRAY NO

INPUT BINARY DATA FILE IS FOR INFSIT. IT HAS BEEN UPDATED 3 TIMES.
 THE FILE IS LABELED - (NO FILE LABEL
 THE PROGRAMS WHICH HAVE UPDATED AND/OR COPIED THIS FILE ARE..
 DAIRDN LOADAT FC)

ISOTROPIC EXTINGUISHION CORRECTION 0.

SIN(THETA)/LAMBDA RANGE
 H K L
 MAXIMUM

0.000 .985 19 19 25

SCALE FACTORS
 1 .22970