

Class/ Boat	CBTYR	Requirements
ADAMS 21	0.690	Measurements
Adams 8	0.809	designer's specification
Admiral 21	0.641	designer's specification
Adventure	0.661	designer's specification
Adventure 22	0.628	designer's specification
Alien 21 Cat Rig	0.700	designer's specification
ALIEN 21 FR.RIG	0.740	Measurements
ALLEGRO	0.630	Measurements
ALOORA	0.630	Measurements
Aloora Junk Rig	0.610	Measurements
ALOORA MKII	0.640	Measurements
AUSTRAL 20	0.650	Class Rules
AUSTRAL 24DK	0.675	Measurements
AUSTRAL 24SK	0.665	Measurements
AUSTRAL C/MAN 8 Only)	0.805	Measurements
B6.3	0.795	Measurements
B6.3	0.645	Measurements
Baroness 22	0.611	designer's specification
BEALE 740 3/4 SP	0.790	Measurements
BEALE 740 MH SP	0.800	Measurements
Beale 780	0.807	designer's specification
Beale 860	0.850	designer's specification
Beneteau 235	0.715	designer's specification
BENETEAU 7	0.730	Measurements
Bethwaite 89er - "Don't Panic"	1.136	ORC Club
Binks 25	0.672	designer's specification
BLAZER 23	0.790	Measurements
Blazer 740	0.780	designer's specification
BONITO 22	0.650	Measurements
BONITO 580	0.630	Measurements
BOOMAROO 22	0.640	Measurements
Boomaroo 25	0.656	designer's specification
BOOMERANG 20DK	0.640	Measurements
BOOMERANG 20SK	0.620	Measurements
Brolga 17	0.602	designer's specification
Bull 7000	0.826	ORC Club
BULL 7000	0.850	Measurements
BUSHRANGER	0.700	Measurements
Capri 18	0.567	designer's specification
Capri 21	0.620	designer's specification
Caprice 11 BK	0.579	designer's specification
Careel 18 -S	0.615	designer's specification
CAREEL 22L	0.690	Measurements
CAREEL 22S	0.665	Measurements
Caribou 20	0.619	designer's specification
Castle 20	0.651	designer's specification
CASTLE 550	0.675	Class Rules

CASTLE 650	0.725	Class Rules
CATALINA 25	0.650	Measurements
CHERRY 16	0.590	Class Rules
CLIFTON DK	0.660	Measurements
CLIFTON SK	0.650	Measurements
Clipper 17	0.531	designer's specification
Clipper 21	0.592	designer's specification
Coastal 868	0.734	designer's specification
COLE 19	0.610	Measurements
COLE 23	0.665	Measurements
Colson 750 OAK	0.834	designer's specification
Comet 20	0.638	designer's specification
Compass 750	0.698	designer's specification
Compass 750 MK 2	0.699	designer's specification
Compass 750 MK 3	0.721	designer's specification
Court 550*	0.553	designer's specification
Court 650	0.624	designer's specification
Court 750	0.657	designer's specification
Cross 830	0.850	designer's specification
CUMULUS	0.650	Measurements
Cumulus	0.650	designer's specification
CUNNINGHAM 19	0.640	Measurements
Dancer	0.562	designer's specification
Davidson 26	0.778	designer's specification
Dennis TS 500	0.560	designer's specification
Dennis TS 600	0.617	designer's specification
DENNIS TS500	0.560	Measurements
DH Rambler	0.626	designer's specification
DIAMOND/RASMUS	0.750	Measurements
Duncanson 22	0.669	designer's specification
DUNCANSON 26	0.675	Measurements
ECLIPSE 17	0.590	Measurements
Egan 6	0.835	designer's specification
ELLIOT 7.4	0.805	Measurements
ELLIOT 770	0.864	Measurements
ELLIOTT 5.9	0.775	Measurements
Elliott 6.5	0.840	designer's specification
Elliott 7 All of Class; P/T & S/T Mainsail	0.845	Measurements
Elliott 7.8 MK 1	0.860	designer's specification
Elliott 7.8 MK 2	0.880	designer's specification
EXPLORER 16	0.580	Measurements
Explorer 21	0.627	designer's specification
Fareast 19 - "Carpe Vitae"	0.707	ORC Club
Fareast 28R (One Design ORC)	0.835	ORC Club
FARR 5000	0.570	Measurements
FARR 6000	0.640	Measurements
FARR 740 SPT	0.755	Measurements
FARR 7500	0.708	Class Rules

FIREBIRD 19	0.600	Measurements
FLINDERS 7.8	0.650	Measurements
Flying Angel 9.1	0.822	designer's specification
Freedom 21	0.639	designer's specification
Gazelle	0.720	designer's specification
Gem 550	0.685	designer's specification
Griffin 17	0.589	designer's specification
HARTLEY 16	0.630	Measurements
HARTLEY 18 M/A	0.590	Measurements
HARTLEY 21	0.610	Measurements
Hewitt 20	0.576	designer's specification
Highway 21	0.658	designer's specification
Highway 8	0.730	designer's specification
Hood 20*	0.605	designer's specification
HUNTER 19	0.600	Measurements
HUNTER 19 (Fixed Keel)	0.610	Measurements
HUNTER 260	0.715	Measurements
Hutton 24	0.671	designer's specification
INGA 5.5	0.600	Measurements
INGLIS 27	0.870	Measurements
Investigator	0.594	designer's specification
J70 (One Design ORC)	0.805	ORC International
JEANNEAU OD 24	0.775	Measurements
Jedda 20	0.610	designer's specification
JEDDA 22 BK	0.575	Measurements
JS 6.7	0.672	designer's specification
Kalaroo 780	0.764	designer's specification
KESTRAL BK	0.650	Measurements
King 780	0.815	designer's specification
Koala 24	0.659	designer's specification
Lancer 25	0.637	designer's specification
LIDGARD 25	0.715	Measurements
Lyons 750	0.860	designer's specification
Lyons 8	0.910	designer's specification
Magnum 8.5	0.767	Measurements
MASRAM 720	0.770	Measurements
Masrm 720C	0.725	designer's specification
Masrm 750	0.797	designer's specification
MATILDA	0.590	Measurements
Maxi 20	0.586	designer's specification
McGregor 26	0.663	designer's specification
McGregor 26 WB	0.715	Measurements
MELGES 24	0.890	Measurements
Melges 24 (One Design ORC)	0.871	ORC Club
Metcher 8	0.874	designer's specification
NOELEX 25	0.725	Class Rules
Noelex 30/FARR 940	0.825	Measurements
Nomad 20	0.572	designer's specification

Norwalk Islands Sharpie (NIS 23)	0.705	designer's specification
Pacific 747	0.607	designer's specification
Penn 707	0.687	designer's specification
PG 8000	0.880	designer's specification
PRINCESS 18	0.580	Measurements
QUINETT 7	0.715	Measurements
Quintet 5	0.586	designer's specification
Randell 20	0.626	designer's specification
Red Jacket*	0.561	designer's specification
Red Witch	0.605	designer's specification
Resolution	0.725	designer's specification
RL 24 DK	0.763	Measurements
RL 24 DK Square Top Mainsail	0.769	designer's specification
RL 24 SK	0.728	Measurements
RL 24 SK Square Top Mainsail	0.734	designer's specification
RL 28	0.692	designer's specification
Ross 650	0.747	designer's specification
Ross 780 MK 1, 2, 3	0.795	Measurements
S/COAST 22A	0.715	Measurements
S/COAST 22B	0.710	Measurements
Sabre 20	0.625	designer's specification
Sabre 22	0.639	designer's specification
SC 23/NW7	0.650	Measurements
SCORPION 7	0.635	Measurements
SCORPION 8	0.893	Measurements
SEABITA	0.595	Measurements
Seascape 18	0.764	ORC Club
Seascape 24 (Beneteau First 24)	0.863	ORC Club
Seascape 27 (Beneteau First 27)	0.896	ORC Club
Seaway 25 FR	0.725	Measurements
Seaway 25 MHS	0.730	designer's specification
Serena TY 22*	0.617	designer's specification
Shaw 650 - "Fake Taxi"	0.890	ORC Club
SONATA 6	0.630	Class Rules
SONATA 6.3	0.645	Class Rules
SONATA 6.7	0.710	Class Rules
SONATA 7	0.650	Class Rules
Sonata 760 Sports	0.760	Class Rules
SONATA 8/26S	0.728	Class Rules
South Coast 22	0.715	designer's specification
South Coast 25	0.625	designer's specification
Southern Cross 23	0.650	designer's specification
Spacesailer 20	0.624	designer's specification
SPIDER 22 MK1	0.788	Measurements
Spider 22 Mk1	0.788	designer's specification
Spider 22 Mk2	0.798	designer's specification
Spider 24 MK 1	0.754	designer's specification
Spider 24 MK 2	0.764	designer's specification

Spider 28 MHS	0.850	Measurements
SPIDER 28 MK2 3/4	0.830	Measurements
Star 22	0.600	designer's specification
STATUS S/STREAM	0.710	Measurements
Stratus 747	0.723	designer's specification
Sunbird 24 MHS	0.585	designer's specification
SUNBIRD 25	0.635	Measurements
SUNMAID 20	0.600	Measurements
Swarbrick 20	0.660	designer's specification
Thompson 7	0.895	designer's specification
Thompson 7 - "Flying Circus"	0.878	ORC Club
Thompson 8	0.950	designer's specification
Thompson 8 - "Cutting Edge"	0.983	ORC Club
TIMPENNY 670	0.685	Class Rules
TIMPENNY 770 DK	0.740	Class Rules
TIMPENNY 770 SK	0.716	Class Rules
Tropic 5.2	0.572	designer's specification
ULTIMATE 16	0.580	Class Rules
ULTIMATE 18 DK	0.600	Class Rules
ULTIMATE 18 SK	0.590	Class Rules
ULTIMATE 23	0.615	Class Rules
Van Der Stadt 7	0.715	designer's specification
Venture 6	0.662	designer's specification
Victory 22	0.620	designer's specification
Viper 640	0.888	ORC Club
Vivacity	0.625	designer's specification
Waratah	0.613	designer's specification
Wildfire	0.674	designer's specification
X 770 SPORT	0.730	Measurements
YOUNG 5.7	0.615	Measurements
Young 6.0	0.705	designer's specification
Young 6.6 Rocket	0.779	designer's specification
YOUNG 7.8 (3/4)	0.815	Measurements
YOUNG 7.8 mh	0.844	Measurements
Young 780 Rocket MK 1	0.840	designer's specification
Young 780 Rocket MK 2	0.869	designer's specification
Young 780 Rocket MK 3	0.890	designer's specification
Zeeman 6.5	0.680	Measurements

Link	ORC Club	Allowed?	LOA (MM)
			6485
			6400
			6430
			7020
			7020
			7020
ClassRules_Austral Association.pdf		No	6090
			7400
			7430
			8120
			6310
			7415
			7415
			6535
ORC Certificate for Bethwaite 89er (DON'T PANIC).pdf	1.4161	No	
			7100
			6610
			5660
			6445
			6325
			6325
ORC Certificate for Bull 7000 (CHAPU CHAPU).pdf	1.0303	No	
			7500
			7050
			6920
			6920
ClassRules_Castle 550.pdf		No	5480

<u>ClassRules Castle 650.pdf</u>		No	6560
			7670
<u>Cherry 16 Class Rules (Australia).pdf</u>		Yes	4864
			6830
			6830
			5944
			7010
			6400
			5750
			4940
			9150
			7914
			5150
			7420
			7700
			5950
			6960
			5050
<u>ORC Certificate for Fareast 19 (CARPE VITAE).pdf</u>	0.8819	No	
<u>ORC Certificate for FarEast 28 OD (RAFT).pdf</u>	1.0417	No	
			5090
			6110
			7370
<u>Farr7500 Class Rules AUS (1992).pdf</u>		No	7548

			6000
			7800
			5029
			5590
			6500
			5860
			5860
			8000
			5518
			8070
<u>ORC Certificate for J70 (JAWSOME III).pdf</u>	1.0041	Yes	
			7300
			6740
			5330
			7940
			8675
			7230
			5944
			7760
			7315
<u>ORC Certificate for Melges 24 (COBRA 24).pdf</u>	1.0857	Yes	
<u>NX25-Class-Rules.pdf</u>			7750
			9410

			5547
			7000
			7465
			7465
			7800
			6720
			6720
			6880
			7080
			8000
			5800
<u>ORC Certificate for Seascope 18 (MATA-MATA) 2025.</u>	0.9528	No	
<u>ORC Certificate for Seascope 24 (BRUTUS) 2026.pdf</u>	1.0757	No	
<u>ORC Certificate for Seascope 27 (VENDETTA).pdf</u>	1.1171	No	
			7833
<u>ORC Certificate for Shaw 650 (FAKE TAXI) 2024.pdf</u>	1.1103	No	
<u>Sonata Class Rules and Restrictions-2106.pdf</u>			6150
<u>Sonata Class Rules and Restrictions-2106.pdf</u>			6595
<u>Sonata Class Rules and Restrictions-2106.pdf</u>			6710
<u>Sonata Class Rules and Restrictions-2106.pdf</u>			6915
<u>Sonata Class Rules and Restrictions-2106.pdf</u>			
<u>Sonata Class Rules and Restrictions-2106.pdf</u>			8090
			6882

			8330
			8330
			5655
			7620
			6160
<u>ORC Certificate for Thompson 7 (FLYING CIRCUS).pdf</u>	1.0947	No	
<u>ORC Certificate for Thompson 8 (CUTTING EDGE).pdf</u>	1.2259	Yes	
<u>ClassRules_Timpenny670</u>		Yes	6620
<u>ClassRules_Timpenny 770DK</u>		Yes	7748
<u>Timpenny 770 SK - Class Rules.pdf</u>		Yes	7710
<u>Ultimate YA Class Rules.pdf</u>			5060
<u>Ultimate YA Class Rules.pdf</u>			5560
<u>Ultimate YA Class Rules.pdf</u>			5560
<u>Ultimate YA Class Rules.pdf</u>			7170
<u>ORC Certificate for Viper 640 (SMILIN' BOB) 2025.pdf</u>	1.1076	No	
			7700
			5850
			8045
			8057
			6500

LWL (MM)	B (MM)	MASS (KG)	BM (MM)	I (MM)	SL (MM)	J (MM)
5334	2362	893	2413	7542	7010	2337
5230	1950	700	2100	6520	7326	2560
5845	1835	850	2050	7332	6820	2415
6126	2396	1330	2458	7996	7620	2482
6126	2396	1365	2458	6507		3060
6050	2396	1520	2458	7130	7620	2600
5170	2320	940	2240	8155	7848	2743
6388	2174	1540	2277	7548	7664	2828
6275	2290	1470	2390	8325	7760	2870
7750	2300	1200	2420	8580	8060	2680
5755	2115	940	2163	6947	7160	2240
6765	2260	910	2490	8225	8430	2690
6765	2260	910	2490	8225	10170	2690
5615	2230	975	2450	8057	7900	2560
6120	2040	805	2290	7500	7620	2220
5745	2268	1125	2410	6825	6858	2435
5280	2275	1030	2410	6175	6858	2070
5845	2440	1170	2450	8030	7870	2440
5560	2130	940	2210	7304	7315	2517
5560	2130	940	2210	7304	7315	2517
7000	2220	950	2400	9490	11300	2750
5750	2370	1230	2470	7330	7260	2500
6121	2201	1099	2477	8785	8900	2698
6121	2201	1099	2477	8429	8900	2698
4390	2140	500	2360	6580	6540	1880

5260	2287	766	2422	7039	6959	2387
6650	2380	2620	2385	8990	8800	3150
4130	1770	220	2180	4930	4730	1850
5800	2220	1200	2400	9040	7925	2600
5800	2220	1200	2400	9040	7925	2600
5325	2347	800	2377	7650	7315	2347
6187	2408	1400	2438	8230	8230	2804
5800	2340	1200	2420	7860	7100	2490
5300	1880	730	2080	7356	7300	2385
4465	1764	365	2029	6215	5500	1780
7620	2000	1730	2080	8260	7230	2550
6974	2390	2130	2375	8547	8230	2920
4555	1755	610	1860	5852	6850	2170
7020	2345	1000	2470	7885	8800	2525
7150	2480	820	2500	9200	11800	2700
5290	1970	700	2470	8312	7230	1840
6200	2030	695	2390	7800	8300	2550
4700	1890	568	1981	5974	5180	1737
4580	1995	550	2134	5565	4950	1829
5545	2340	850	2410	6614	6000	2256
6640	2369	1091	2425	8280	7900	2450
6775	2445	1220	2445	7413	7500	2640

5200	2160	910	2300	6085	6100	2160
7000	2515	1900	2480	9200	9000	2835
4650	1920	400	2222	5170		1630
5121	2103	500	2340	7637	7160	2590
6035	2195	725	2440	7883	7320	2164
5430	1835	880	1845	6715	6395	2280
5430	1835	880	1845	6715	6395	2280
7090	2730	2288	2730	8903	8100	2883
5079	1983	725	2186	6080		2080
7740	2400	950	2475	8630	11000	2890
6500	2395	1000	2480	7960	8200	2350
5756	1940	1510	2081	8037	7772	2560
4907	1866	740	1983	6588	6706	1676
7150	2250	1280	2490	7722	8020	2850
7460	2340	1560	2500	8997	8900	2875
6115	2335	840	2490	7970	8400	2370
5029	2200	875	2438	7375	6980	2320
7020	2245	1425	2275	6560	6915	2940
6705	2375	794	2499	8488	11550	2423
6750	2376	1100	2405	6520	6850	2780
8150	2500	2176	2941	9282	10600	3222

4602	2073	601	2088	6035		2103
6400	2450	1100	2310	7260	6810	2660
6080	2134	750	2135	6540	6600	2445
6080	2134	750	2135	6540	6600	2445
7420	2470	1470	2400	8000	8370	2700
6150	2335	1220	2425	7900	8300	2330
6150	2335	1350	2425	7170	7400	2330
6190	2385	1270	2434	8023	7925	3010
5870	2230	1200	2402	8021	7812	2615
7110	2175	860	2475	8670	11870	2650
5175	1980	870	2120	7605	7010	2290
6309	2510	1590	2499	7940	7900	2608
5310	2073	910	2073	7193	7010	2530
5265	2100	870	2100	6912	7010	2470
6380	2483	1154	2483	7542	7300	2360
6285	2483	1135	2469	8535	7920	3000
6400	2499	1520	2499	8047	8030	2499
6150	2000	650	2480	7170	8100	2390

7880	2240	1379	2480	9050	11500	2700
7880	2240	1379	2480	9050	10400	2700
4965	1950	660	2160	6320	6950	2280
6858	2499	1980	2499	8595	8382	3167
5212	2240	1030	2287	7600	7620	2377
6150	2042	860	2165	6522	6000	2690
6950	2378	1330	2400	7748	8010	3035
7590	2375	1550	2400	7395	6680	3005
4650	2012	450	2085	5965	5461	1730
5060	2117	850	2185	6911	6096	2164
5060	2117	850	2185	6911	6096	2164
6290	2408	1350	2450	7835	7772	2890
7110	2430	1010	2470	7270	7600	2830
5560	1965	945	2250	1850	5410	1850
7635	2105	1078	2410	7850	7800	2580
7480	2090	1100	2450	7315	10400	2550
5590	2350	1050	2500	7115	7100	2260

SPL (MM)	SMW (MM)	LPG (MM)	P (MM)	BLM (MM)	E (MM)	EPF
2337	4237	3536	8077	2420	2743	1
2650	4500	2290	7600	9810	2970	1
2465	5080	2805	6650	3620	2820	1
2490	4443	3680	7790	3290	3170	1
		3875	3230	12830	3705	0.98
2540	4760	3870	7800	4350	2940	1
3048	4877	3607	6883	2590	2286	1
3215	3010	3443	7900	2860	2996	1
3115	4880	4100	8120	2860	3005	1
3090	5400	4010	9070	11520	3680	1
2700	4370	3260	6910	2668	3040	1
3060	4720	4185	8700	9455	3915	1
3060	5660	4185	8700	9455	3915	1
2900	5400	2800	8125	2547	3155	1
2370	4390	2410	8230	2590	3200	1
2635	4775	3627	7376	3280	2895	1
2600	4775	2610	7100	3100	3050	1
2438	4380	3660	6400	2480	2950	1
2515	4369	3658	6325	2770	2362	1
2515	4369	3658	6325	2770	2362	1
4700	8000	2900	9500	10910	4000	1
2960	4520	3630	7490	7460	2940	1
3003	6250	4420	7417	2400	2896	1
3003	6250	4572	7417	2400	2896	1
2410	4270	2150	6940	6300	2600	1

2408	4343	3581	7772	8120	2897	1
3235	5700	4950	7220	8475	2850	0.98
2236	3870	2100	4928	3930	2350	1
2600	4400	3900	7800	0	3025	1
2600	4400	3900	7800	0	3025	1
2286	4240	3780	6035	2103	2315	1
2804	4940	4115	7070	2505	2590	1
2590	4320	3400	7570	2360	2540	1
2390	4320	3610	6130	8010	2250	1
1885	3540	2185	5820	2170	2430	1
3030	4400	3760	8070	10340	3430	1
3350	5490	4570	8687	0	3200	1
2310	3600	2520	6160	2850	2360	1
3200	5030	2795	8680	7150	4000	1
4700	7800	2900	9550		3900	1
2630	4400	2120	7570	5670	3640	1
3400	6000	2910	8580	5490	3660	1
2438	3660	2590	5425	3990	2835	1
2050	2950	2195	6110	2660	2640	1
2500	3640	3250	7140	5130	3080	1
2450	4410	3675	8554	0	3490	1
2835	5300	3810	8140	3590	3560	1

2560	4800	3700	6260	2700	2450	1
2825	5500	4420	7500	550	2500	0.98
2515		2316	5790	4835	3405	1
2590	4290	3200	6550	4835	2590	1
2750	4880	3444	6700	4835	3040	1
2290	4000	3110	5430	2055	2200	1
2290	4000	3110	5430	2055	2200	1
2400	3200	2883	9310	4298	3200	1
		2335	5680	2343	2390	1
4430	7000	3150	9070	12400	3940	1
2440	4400	3070	9000	3760	3050	1
2548	4511	3566	6614	2165	2377	1
2125	4460	3225	5974	1660	2713	1
3010	5300	2750	8000	2620	3200	1
3000	5900	4275	8700	3205	3480	1
3000	4750	3510	8250	7950	3400	1
2665	3800	3600	2520	0	6260	1
2860	5600	3120	7370	7960	3070	1
3820	6280	3000	8808	6870	3800	1
3280	5060	3675	7300	3830	3280	1
3222	6316	4140	10680	12000	4335	1

		2316	6005	8750	2682	1
2680	4500	3800	7770	3310	3285	1
2670	4080	2591	7600	7980	2900	1
2670	4080	2591	7600	7980	2900	1
3320	6400	3920	8900	5680	3900	1
2330	5400	3470	8050	2905	2950	1
2330	4260	3420	7970	2905	2770	1
2970	5334	3840	7102	0	2682	1
2510	4572	3710	7650	2635	2890	1
4650	7770	3780	9690	13135	3960	1
2440	3965	3500	6500	2000	2260	1
2600	4680	3890	8240	1900	3200	1
2540	4570	3730	5940	1955	2440	1
2540	4570	3500	7850	2609	2480	1
2430	4360	3530	8260	2585	2890	1
2970	5350	3840	7090	2500	2670	1
2510	4460	4360	8370	2560	3100	1
3000	4600	2535	7760	9700	3500	1

4500	7400	4050	9740	6360	3600	1
3495	5800	4050	9740	6360	3600	1
2330	4980	2970	7060	7300	2630	1
3100	5600	4500	8000	1600	3050	1
2750	4570	3390	6750	2000	2750	1
2770	4200	2012	6660	3025	3025	1
3035	5000	4290	7900	8450	3200	1
3120	4600	4310	7850	7940	3090	1
1867	3150	2438	6096	2140	2743	1
2215	3835	2950	5791	2140	2362	1
2215	3835	2950	5791	2140	2362	1
3100	5156	4237	6629	8330	2997	0.97
2685	4600	3800	7630	2800	2720	1
1910	3220	1960	6760	3450	3700	1
3215	5140	3870	7285	3850	3005	1
3255	5720	3770	9030	5855	3720	1
2500	4520	3260	7670	2530	2730	1

KF	OAML (MM)	original table)	NOTE
1.025	8840	0.66	
1.025	8400	0.74	
0.95	7580	0.63	
0.95	8890	0.63	
0.95	6020	0.61	NS
0.95	8900	0.64	
1.025	7747	0.65	
1.025	8840	0.675	
1.025	8960	0.665	
1.025	10700	0.805	
1.025	7620	0.645	
1.05	9600	0.79	
1.05	9600	0.8	
1.025	9020	0.73	
1.025	9140	0.79	
1.025	8230	0.65	
1.025	7850	0.63	
1	7696	0.635	
1.025	7442	0.64	
1	7442	0.62	
1.025	10400	0.85	
1.025	8720	0.7	
1.025	8281	0.68	
1.025	7925	0.665	
1.025	7620	0.675	

1.025	8680	0.725	
1.05	8610	0.65	
1	5500	0.59	
1.025	8570	0.66	
1	8570	0.65	
1	7100	0.61	
1	7930	0.665	
1.025	8650	0.65	
1.025	6890	0.64	
1.025	6890	0.56	
1.025	9080	0.75	
1	8700	0.675	
1	7025	0.59	
1.05	9360	0.78	
1.025	10000	0.865	
1.025	8430	0.755	
1.025	9500	0.835	
1	6120	0.58	
1	6800	0.57	
1	7980	0.64	
1.025		0.755	
1	9100	0.7	

1	7170	0.6	
1.025	8500	0.65	
1.025	6400	0.63	NS
1	7138	0.59	
1	7316	0.61	
1	6480	0.6	
1.025	6480	0.61	
1	1105	0.715	SK
1.025		0.6	NS
1.025	10600	0.87	
1.025	10860	0.775	
0.95	7320	0.575	
0.95	6680	0.65	
1.025	9150	0.715	
1.025	9785	0.76	
1.025	9250	0.77	
1.025	7010	0.59	
1	8930	0.715	
1.025		0.87	
1.025	7900	0.725	
1.025	11400	0.825	

0.95		0.58	NS
1.025	8700	0.715	
1.025	8300	0.76	
1	8300	0.725	
1.025	10000	0.795	
1.025	9350	0.715	
1.025	9350	0.71	
1		0.65	
1.025	8700	0.635	
1.025	10600	0.88	
1.025	7080	0.595	
1.025	9200	0.725	
1	6710	0.63	
1.025	8134	0.645	
1.025	9250	0.71	
1	7985	0.65	
1.025	9400	0.725	
1.025	8630	0.795	

1.05	10860	0.845	
1.025	10860	0.83	
1	8260	0.71	
1	8765	0.635	
1	7600	0.6	
1.025	7622	0.685	
1.025	9105	0.74	
1	9100	0.71	
1	6731	0.58	
1.025	6655	0.6	
1	6655	0.59	
1	7519	0.615	
1.025	8580	0.73	
1	7400	0.615	
1.025	10000	0.815	
1.025	10200	0.87	
1.025	8750	0.68	