



The IECU board wishes you a lovely Xmas and the best for this New Year, full of happiness and lots of good sailing.

LETTER FROM THE PRESIDENT

BEFORE THE ELECTION OF THE EQUIPMENT FOR THE 2008 OLYMPICS.

To-day when I write these lines, there is one week to the election of the equipment for the Olympics 2008. When you will read this the election will be history. The last month has not been easy. Independent of how the election will be I will here thank the whole IECU board. You really did a fantastic job, and you have all used a lot of time. I will also say thank you to everyone else who has supported us in our work trying to let our class stay in the Olympic family.

Impossible is nothing.

New designs 2005, for three different weight ranges:
50 kg, 60 kg and 70 kg.

WB-Sails
Särkinenentie 7, 00210 Helsinki, Finland
Tel +3509 621 5055, Fax +3509 621 5066
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WB-Sails
Winding Boatpeople

AFTER...

This is not an easy letter to write. As you probably all know the Europe was voted out as Olympic equipment for the Olympics 2008. You can think it was done in a proper way, or you can think it was done in an unfair manner. To talk about that will not change anything. We must look forward, and in a positive way. I feel it is a real pity for the Europe Class, but a catastrophe for women sailing and for the sailing sport in general, that the Laser Radial was chosen. Once again I will say thank you to everyone who has supported our class, and especially the IECU Council, where everyone made a fantastic job. It was not possible to do more, and I strongly feel that our honour is safe.

The Council will stay together, that is very important because a lot of work has to be done. The most important for all Europe sailors and supporters is to take it a little easy, wait and see the development of this new step in the future. The next Olympic application is far away, if you want us to apply. At the AGM 2005 the Board MUST have reactions from the IECU members (if possible even earlier by e-mail to the Board or in the Racing Forum), to know in which direction we are going to work. We need indications for hull tolerances, Olympics, World Ranking Lists, A Sailing Series, Women and Men in the same fleets, promotion, and much more. It was very nice to be an Olympic Class. But the negative aspect is that a Class loses autonomy. Now we have the autonomy back again. Let us use it, and in a positive way. We can create our future, and it can be a fantastic good life.

Best regards.

Jan Abrahamsen, IECU President

2004 MEN AND WOMEN WORLD CHAMPIONS

GOLD MEDAL OLYMPIC GAMES ATHENS 2004

2003 WORLD & EUROPEAN CHAMPIONS

TONI TIO FILMS
QUANTUM

Tel. + 34 937 533 411, Fax + 34 937 533 900, tonio@quantumfilms.com

FROM NEW ZEALAND

It's almost summer!

SAIL AUCKLAND REGATTA

- 3-7 February 2005

www.sailauckland.org

- ISAF Grade 2 Regatta

Sail Auckland invites top international sailors to compete in New Zealand's premier Olympic Class regatta.

Sail Auckland is hosted by the Kohimarama Yacht Club, which is situated on the edge of the Waitemata Harbour, Auckland, renowned for its spectacular yachting events. This is a fabulous chance to come and enjoy top training and racing, a variety of social events, our warm sunny climate and our world famous scenery and hospitality. Sail Auckland will run from 3rd to 7th February 2005 followed by the Laser, Laser Radial, Europe, 470 and 420 class national championships soon after. The program will also include a 1 to 2 week Yachting New Zealand Olympic Academy training program for local and international sailors before and after Sail Auckland.

NZ is cheap - you get 2 NZ\$ for every Euro and they go just as far! We will provide all the support we can to make it easy for you to come and have a great winter break. Top international sailors who are prepared participate in and to assist with the running of our coaching clinics are invited to apply quickly for air travel assistance.

Contact us now for help to organize accommodation or for affordable home stay if you prefer. Boats are available for charter so register your interest as early as possible. The yacht club and accommodation are situated near to Auckland city center with easy access to shops and supermarkets. Contact Sarah Powrie at sarahpowrie@clear.net.nz or Tom Macky at tmacky@paradise.net.nz for more information. Sail Auckland is also timed close to Sail Melbourne so that you can tie the two Sail Down Under regattas together.

Sarah (Sam) Macky

sarahmacky@attglobal.net

FROM FINLAND

Open Finnish Championship 2005

Europe Class Finland welcomes all Europe sailors to Helsinki for the Open Finnish Championship to be sailed June 17 - June 19, 2005 at Helsingfors Segelklubb in Helsinki.

Notice of Race will be published in May 2005 at www.helsingforssegelklubb.fi

For ferry lines and accommodations in Helsinki please see the Europeans 2005 web site: www.njk.fi/eccec2005

Kathe Ramm-Schmidt

ABOUT SAILS

WB-Sails put a considerable effort in sail development before Athens 2004. From this development we have now come up with sails for three different weight ranges: 50 kg, 60 kg and 70 kg.

Light air sail

Since Athens was expected to be a light air venue, the main focus of our development was on light air performance. We did a thorough masthead camera study of our existing design, then made a special light air version with less mast bend. After several prototypes, computer flow simulation and many small refinements we had come to a sail shape that was clearly superior in less than 4 m/s winds than any previous design we had done. Initially the new design had a slight weak spot between 4 and 5 m/s true wind (a very important wind regime). In over 5 m/s the design was fine, carrying up to 8-9 m/s where the sail got really hard to hang down even for the fittest. In the upper wind range, the sail is not beautiful to look at, fully creased and starving for the luff curve it does not have, but still quite fast. With a few small changes we could improve the medium air range so that the sail now is polyvalent from 0 to 8 m/s, with exceptional performance in the lower wind range.

Heavy wind sail

For the heavy air sail, we tested many variations, amongst others with different leech lengths. At the end of the day we could not better our design from Sydney 2000. We learned that in heavier winds the shorter leech sail was easier to hang down and did not bury the bow as much as the long leech sail, but downwind the long leech appeared to have an edge. This sail has become one of the standard for heavy air performance in the class.

In the build up for Athens it became apparent that it is not possible to use the same mold shape for a 55 kg and a 75 kg sailor. Adjusting simply the luffcurve is not enough, so we developed "eXTRA Small", "Small" and "Large" versions of the light and heavy air sails, for the respective weight ranges. The result of these improvements are:

For light and medium airs:

-LMXS for light to medium winds and sailors 50 to 60 kg

-LMS for light to medium winds and sailors from 55 to 65 kg

-LML for light to medium winds and sailors 60 to 70+ kg.

For heavy winds (from 6 m/s and up):

-MHXS for medium to heavy winds and sailors from 50 to 60 kg

-MHS for medium to heavy winds and sailors from 55 to 65 kg

-MHL for medium to heavy winds and sailors from 60 to 70+ kg

The XS and S models sport a shorter leech than the L-models. The weight and wind ranges are indicative, as mast characteristics also have an important role in the choice of the best sail for a given sailor. The models above are only for the "mold shape" of the sail. Every individual sail's luffcurve is still adjusted for the mast bending.

Mikko Brummer

WB-Sails

ISAF ROLEX WORLD SAILOR OF THE YEAR AWARDS 2004

Once again our Class had the great honour to have one sailor nominated for the prestigious ISAF ROLEX WORLD SAILOR OF THE YEAR AWARD.

Siren Sundby has been nominated for her outstanding achievements during 2004:

1st ISAF World Championship, September 2003

1st XXXV Princess Sofia Trophy, April 2004

1st Semaine Olympique Française, April 2004

1st Spa Regatta, May 2004

1st Europe Class Open Week, July 2004

1st Europe Class World Championship, July 2004

1st Olympic Sailing Competition, August 2004.

FROM ITALY

Will the Europe Dinghy succeed in keeping the Olympic status for the four next years ? This is the current question, whispered by those who doubt and said high and clear by those who are more confident and trust more in the answer. Because it is more confidence than certitude. This is a question of common sense but common sense does not carry certitude. The Europe Class' gestion and its consequence, during these last past years, gives us hope. The formative value of the Europe should gain the decision. Back in time and considering the results obtained by many champions in another prestigious class we can verify that the majority of these champions obtained their experience and technical preparation in the Europe Class. The next decision, more than the Olympic status which would flatter our pride, if conscient of the prestige of such a recognition, would reaffirm the unrepeatable quality of the Europe Class to form the young sailors. Anyhow the characteristic qualities of the Europe will not be inferior. Meanwhile we prepared the 2005 calendar of the most important regattas leaving for later the final confirmation and insert the eventual other pre-olympic regattas and the dates of their venue.

February 05	19-20	1 ^a Regata Nazionale Open (selection) - Napoli
March	5-6	2 ^a Regata Nazionale Open (selection) - Pesaro
	19-20-21	3 ^a Regata Nazionale Open (selection) -Torbole
	24-25-26	4 ^a Regata Nazionale Open (selection) - Monfalcone
April	.. ? ..	Campionato Italiano - Marsala
	22-23-24-25	5 ^a Regata Nazionale Open/TAN (selecton) - Livorno
May	7-8	6 ^a Regata Nazionale Open (selection) - Gravedona
Sept/Oct.	30.9/1-3.10	Campionato Nazionale Open - San Remo

Claudio Morana

President ASSEUROPA

MEASURERS SEMINAR

Hoorn Netherlands

The IECU offers this seminar and invite you to participate:

Date: Saturday 2.12.05 - 9:00 till Sunday 2.13.05 - 16:00
Basics of measurement, measurement of equipment
and Championship Measurement.
Monday 2.14.05 - 9:00 till 16:00
Hull Measurement

Place: Watersportvereniging Hoom
Julianapark 1
1621 MR Hoom, Netherlands

Languages: German, English, French.

Charges: 30 Euros seminar fees, payable at the seminar.

Dinners: It is the intention to have the dinners together
at the Club, following their offer a la carte.

Registration and questions please address:

Niki Nocke
Kanalstrasse 3
76437 Rastatt/Germany
Tel: 0049 7222 32673
Fax: 0049 7222 934 520
e-mail: niki.nocke@t-online.de

Accommodation: The added addresses are recommendations only:

Hotel de Keizerskroon	+31 2292 127 17	75 €
B&B Jong	+31 2292 462 25	32 €
B&B Heilegersberg	+31 2292 426 82	45 €
B&B v Diepen	+31 2292 165 03	34 €
Hotel Hoom	+31 2292 498 44	80 €
Hotel de Magneet	+31 2292 150 21	75 €
Hotel Petit Nord	+31 2292 127 50	80 €

For all local questions please contact:

Martijn van den Driest Tel: +31 6525 838 19
e-mail: m.vandendriest@student.tudelft.nl

This seminar is done for measurers, those who are interested in technical matters, coaches and competitors. It is the intention of the class to spread knowledge in technical and measurement items.
Niki Nocke
IECU Class Chief Measurer

O'NEILL World Sailing Rankings

Europe – Women's Single Handed Dinghy Issue Date: 1 dec 2004

Pos	Name	Nation	Previous Pos	Points
1	Siren SUNDBY	NORWAY	1	5250
2	Sari MULTALA	FINLAND	2	5149
3	Petra NIEMANN	GERMANY	3	5139
4	Lenka SMIDOVA	CZECH REPUBLIC	4	5096
5	Sarah MACKY	NEW ZEALAND	5	4972
6	Sarah BLANCK	AUSTRALIA	7	4926
7	Meg GAILLARD	USA	6	4916
8	Signe LIVBJERG	DENMARK	8	4847
9	Carolijn BROUWER	NETHERLANDS	9	4754
10	Tania ELIAS-CALLES	MEXICO	10	4749
11	Tatiana DROZDOVSKAJA	BELARUS	12	4570
12	Neus GARRIGA-TURON	SPAIN	11	4557
13	Blandine ROUILLE	FRANCE	13	4504
14	Teja CERNE	SLOVENIA	14	4446
15	Larissa NEVIEROV	ITALY	18	4266
16	Monika BRONICKA	POLAND	15	4230
17	Maria COLEMAN	IRELAND	17	4217
18	Christiane DE NIJS	GERMANY	16	4202
19	Weronika GLINKIEWICZ	POLAND	19	3951
20	Min DEZILLIE	BELGIUM	21	3935

More results for ISAF Ranking list at: www.sailing.org/rankings

TECHNICAL

International Europe Class Union

WC 2004, Cagliari ITA

Used Materials

Make Product		Hull	Centre board	Rudder	Rudder stock	Mast	Boom	Sail	total
Winner	ESP	133				3			136
Finessa	SWE	27	31	30	36		36		160
Osis	SWE	9	2	1					12
Boerresen	DEN	4							4
Lenam	ESP	1							1
Indeurope	ESP	1							1
SCS	SWE		59	68	69	122	7		325
E&V	EST		98	93	3				194
Bloodaxe	GBR		20	15	12				47
Tebbertmann	NED		11	7	2				20
TRD	ESP		5	4	81				90
Frederiksen	SWE				7				7
C-tech	AUS		3	4					7
Ceilidt	NED				8	83	1		92
Tropical	GBR					3			3
Selboat	FIN					3			3
Southern Spars	AUS					1			1
Dinghy Spars	DEN						65		65
Proctor	GBR						80		80
Holt Allen	GBR						5		5
Needle Spars	GBR						1		1
Green	DEN							100	100
WB	FIN							70	70
North	DEN, NZL							77	77
Toni Tio	ESP							46	46
Victory	SLO							22	22
Raudaschl	AUT							2	2
Mueller	GER							2	2
Hood	GBR							3	3
Olympic	ITA							3	3
Elvstroem	DEN							3	3
unidentified, home made		1		2	2				5
total		176	229	224	220	215	195	328	1587

Sailors Physiques in the Europe Class

as collected at Major Events 13. 09. 2004 Places 1 - 10, that are the potential medallists Gold fleet, that is still quality

Event	Weight in Kilogram			Height in Meter			Age in years		
	min	average	max	min	average	max	min	average	max
2004 Athens places 1-3	56	60	63	1.65	1.68	1.74	23	26	30
places 4-10	59	64	70	1.64	1.70	1.77	21	26	31
all places	56	63	70	1.55	1.70	1.82	21	27	37
2004 WC ITA places 1 - 10									
ladies	61	64.5	71	1.64	1.75	1.83	22	26.4	31
men	69	72.9	77	1.75	1.80	1.84	18	20	22
2004 WC ITA gold fleet									
ladies	56	64.4	75	1.55	1.71	1.90	17	25.6	41
men	60	69.4	80	1.68	1.79	1.90	18	20.6	29
2003 WC ESP places 1 - 10									
ladies	60	65.8	75	1.63	1.73	1.82	19	24.7	30
men	69	71.7	75	1.74	1.80	1.86	17	21.6	34
2003 WC ESP gold fleet									
ladies	54	64.6	75	1.63	1.71	1.83	17	23.3	30
total fleet									
men	56	69.2	80	1.62	1.80	1.90	17	21.3	34
2003 EC ESP places 1 - 10									
ladies	56	64.9	75	1.63	1.71	1.77	20	22.6	25
men	69	69.7	72	1.75	1.80	1.87	16	20.8	33
2003 Athens Preolympics all ladies	56	64.4	75	1.55	1.70	1.82	18	26.9	31
2002 WC CAN									
2001 WC POR gold fleet									
ladies		63.7			1.72				
men		69.8			1.78				
total fleet									
ladies								21.8	
men								20.2	
2000 Sidney places 1 - 6	64	66.7	70	1.65	1.69	1.77	21	24.3	31
total fleet	54	65	75	1.55	1.70	1.78	19	25	34
2000 WC BRA places 1 - 10									
ladies	60	65.7	70	1.64	1.68	1.78			
men	65	71.7	75	1.68	1.77	1.85			
gold fleet									
ladies	52	63.2	70	1.57	1.68	1.78			
men	62	70.2	75	1.68	1.78	1.85			

Rule Changes 2004 accepted by ISAF, becoming effective the 1st of April 2005 .

In Class Rules 2.6.1 (Identification Marks: "Each boat shall have...") point (iii) is deleted as well as in 2.3.2 (iv) we delete "mass moment of inertia, position of hull centre of gravity"

The rule 3.1.2 is changed into: There are reduced tolerances for prototype measurement. These requirements are specified in the prototype measurement form. The builder shall contact the Class Chief Measurer before prototype construction.

Class Rule 3.2.6(iv) is modified into: After satisfying the buoyancy test... a pressure equalizing hole, made with a nominal 1 mm drill, may be provided...

Class rule 3.2.7(iv) is deleted and replaced by the new rule 2.4.10:

Corrector weights for hull, mast and boom shall not be removed or changed except after reweighing by an official measurer. The measurer shall record any change on the measurement form and the measurement certificate (if the National Authority requires so in its forms).

In Class Rule 3.5.4(i) we add a very important change:

The limits marks shall be of min. 20 mm width, indelibly painted in a contrasting, permanent colour. Because of this change, the measurement form is changed by adding 4b4(g):' width of limit mark min. 20 mm' and 4b4(h) 'Is the limit mark permanently painted and of contrasting colour'

Another important change is in Class Rules 4.1.(iv)(c) which specifies that

„The painter shall be secured around the mast at the deck ring.“

In the measurement form of the centreboard at item 3.5 we add the minimum height of 5 mm for the battens or stops. This is not a change of the rules but a reminder for the measurer.

Most of the changes are more or less corrections for measurement or measurement forms except for the limit marks, previously called marks, which shall be painted, so tape is not anymore allowed as a measurement mark on mast or boom and the painter has to be fixed around the mast.

We will publish as soon as possible the adapted class rules and hope to see you in Palma on the Princess Sofia regatta.

Frans Van Pelt
VP Technical

ISAF Ranking 6. 7. 04, Nations and Classes

ordered as they appeared first in the rankings

Table, ISAF Ranking 6.7.04, Nations and Classes

Standard : Nations as many as the Athens Olympic fleet size,

Italics: More Nations in the ranking than their Olympic fleet

	Mistral		Europe	Lasar	Finn	470		49er	Tornado	Star	Yngling
	Ladies	Men	Ladies	Men	Men	Ladies	Men	Men	Men	Men	Ladies
1 Within the places 1 - 5 are 27 nations out of 55	FRA	FRA	NOR	BRA	POL	FRA	AUS	GBR	AUT	SWE	DEN
	GBR	UKR	GER	AUS	ESP	AUS	ITA	GER	NED	GBR	GER
	ITA	GBR	FIN	GBR	CRO	RUS	GBR	UKR	ARG	BER	USA
	AUS	POL	CZE	SLO	GBR	ISR	POR	USA	FRA	NED	ITA
	GER	NED	USA	RSA	BEL	DEN	GRE	AUS	GBR	IRL	GBR
6 Within the places 6 - 10 are 6 more nations out of 55	UKR	BRA	NZL	SWE	FRA	ESP	USA	DEN	USA	AUS	RUS
	ISR	ISR	NED	AUT	DEN	GER	ISR	NOR	ESP	FRA	FRA
	BEL	NZL	AUS	POR	BRA	SWE	ARG	ITA	GER	USA	ESP
	HKG	ESP	DEN	CRO	AUS	SLO	FRA	BRA	AUS	CAN	NZL
11 Within the places 11 - 15 are 4 more nations out of 55	ESP	GER	POL	ITA	CZE	NED	SWE	POL	PUR	SUI	NED
	SUI	ARG	MEX	USA	IRL	GBR	UKR	ESP	SWE	DEN	BER
	NOR	GRE	ESP	NOR	SLO	GRE	JPN	SUI	POR	GER	CAN
	GRE	CYP	SLO	FIN	NED	CAN	NED	IRL	CAN	BRA	GRE
	POL	TUR	BEL	NED	GRE	ARG	IRL	FRA	RUS	ITA	UKR
16 Within the places 16 - 20 are 7 more nations out of 54	NZL	HKG	FRA	BEL	GER	USA	CRO	GRE	GRE	AUT	AUS
	CHN	POR	IRL	POL	TUR	AUT	BRA	SWE	NZL	ESP	NOR
	JPN	AUS	BLR	GER	SWE	HUN	RUS	JPN	ITA	POR	JPN
	BUL	INA	GBR	NZL	CAN	NZL	ESP	BEL	DEN	GRE	SWE
	USA	ITA	ITA	DEN	SUI	JPN	SLO	NED	SLO	RUS	AUT
21 Within the places 21 - 25 are 4 more nations out of 50	LAT	JPN	SWE	GRE	NZL	POL	DEN	RUS	SUI	HUN	
	BRA	HUN	CHN	CAN	ITA	SUI	GER	FIN	HUN	FIN	
	ARG	USA	GRE	ESP	USA	EST	NZL	POR	UKR	CRO	
	MEX	SUI	CRO	SEY	RUS	FIN	SUI	NZL	RSA	IND	
	CAN	CHN	POR	FRA	FIN	CRO	POL	CAN	BRA	UKR	
26 Within the places 26 - 30 are 10 more nations out of 44	TUN	MEX	RUS	TUR	HUN	CHN	TUR	MEX	CZE	ARG	
	CYP	KOR	AUT	CHI	ARG	ITA	KOR	AUT	BEL	BAH	
	HUN	CAN	LTU	ARG	UKR	BRA	AUT	HUN	ISV	NZL	
	THA	RUS	CAN	IRL	CHN	UKR	FIN	CRO	IRL	SLO	
		SLO	SUI	MAS	NOR	SIN	CAN		POL	LAT	
31 Within the places 31 - 35 are 2 more nations out of 28		VEN	ARG	CZE	EST		BLR			MON	
		CZE	TUR	LTU	JPN		HUN			RSA	
		THA	BRA	RUS	BLR		CZE			BLR	
		AUT	UKR	SIN	AUT		BEL			GEO	
		TUN	HUN	JPN	ISV		IND			BUL	
	ALG	ISR	BLR			SIN					



36 Within the places 36 - 40 is 1 more nation out of 14		BUL	JPN	UKR			CHN				
		URU		BER			EST				
		BLR		SUI			CYP				
				KOR							
				HUN							
41 Within the places 41 - 61 are 9 more places out of 21				CHN							
				VEN							
	46			PER							
				ISV							
	51			URU							
				ISR							
				EST							
	56			DOM							
				MEX							
				SLK							
				CYP							
				IND							
				GUA							
				LAT							
				PUR							
			ISL								
		ALG									
		MON									
		BRN									
		ROM									
		LUX									
Sailors in the ranking	111	235	279	915	196	82	231	149	131	290	55
Nations in this ranking	28	38	36	61	34	29	38	28	28	34	19
Nations in the Olympic fleet	26	34	25	42	25	20	27	19	17	17	16
Nations not in the Olympic fleet	2	4	11	19	9	9	11	9	11	17	3
Ratio sailors / nations	3.96	3.18	7.75	15.00	5.76	2.83	6.08	5.32	4.68	8.53	2.89

Average ages of Europe materials at main events

12. 09. 2004

Materials bought in the year of the event is considered to be 1 year old.

The effective average age of the materials will be a bit elder than shown.

We use the date of the Measurement Form as a basis, but some materials is remeasured later on, so elder than shown in the papers. There are always 10 - 20 new chartered boats, this reduces the average age of the hulls and some equipment.

Event	Hull	Centreboard	Rudder	Rudder stock	Mast	Boom	Sail
2004 Olympics Athens, All Medalists	1.00	2.00	1.96	1.86	1.90	2.54	1.04
	1.00	1.33	1.83	1.50	1.50	3.00	1.00
2004 EYC Vila Real	4.66	3.86	3.72	3.54	3.94	4.06	2.00
2004 WC Cagliari ITA	3.67	3.13	3.27	3.27	3.00	3.26	1.59
2003 WC Ladies Cadiz ESP	2.37	2.79	2.63	2.68	2.55	2.72	1.40
2003 WC Men Cadiz ESP	3.97	2.78	2.72	2.54	3.16	3.39	1.63
2003 EC Palma ESP	3.50	3.30	3.20	3.10	3.30	3.50	1.70
2002 WC Hamilton CAN	3.64	3.46	3.25	3.13	3.75	3.35	1.47

Photo by Tony Walsh

ISAF Ranking 6. 7. 04, Groups, Nations, Classes

Showing their places where they appears first in the ranking

Table, Groups and Nations, their place first mentioned in the ISAF Ranking 6. 7. 04

hits in % of possibilities: with 11 olympic classes you have 11 possibilities to enter your nation, so a group of 6 nations has 66 possibilities to enter,

if this group entered at least 33 sailors in the ranking the percentage would be 50 %

average:

the average of all first mentioned sailors of the nation or the group

ISAF Group hits in % of possibilities, average	Nation	average of places	Mistral		Europe	Lasar	Finn	470		49er	Tornado	Star	Yngling
			Ladies	Men	Ladies	Men	Men	Ladies	Men	Men	Men	Men	Ladies
A Ireland, United Kingdom, 82 %, 9.6	GBR	5.3	3	3	18	3	4	11	3	1	5	2	5
	IRL	16.4			16	28	11		14	13	28	5	
B Central Europe 64 %, 19.2	AUT	20.3		33	26	7	33	16	27	26	1	15	19
	CRO	17.7			23	9	3	24	15	28		22	
	CZE	22		31	4	30	10		32		25		
	GER	9.3	5	10	2	17	15	7	21	2	8	12	2
	HUN	26.3	27	21	34	40	25	17	31	27	21	20	
	LIE												
	SLK	50				50							
	SLO	16.6		29	13	4	12	9	19		19		28
	SUI	20.6	11	23	29	38	19	21	23	12	20	10	
C East Europe 32 %, 24	BLR	31.5		38	17	40	32		30			32	
	BUL	29.3	18	36								34	
	LAT	34.3	20			54						29	
	LTU	29			27	31							
	MKD												
	MOL												
	POL	13	14	4	10	16	1	20		10	29		
	ROM	60				60							
	UKR	18.7	6	2	33	36	27	28	11	3	22	24	14
	GEO ?	33										33	
D South Europe 51 %, 16.5	CYP	32	26	13		51			38				
	FRA	8.1	1	1	15	24	6	1	9	14	4	7	7
	GRE	14.5	13	12	22	20	14	12	5	15	15	18	13
	ISR	17.7	7	7	35	46		4	7				
	ITA	13	3	19	19	10	21	26	2	8	17	14	4
	MLT												
	MON	44				58						30	
	SMR												
	TUR	22.2		14	31	25	16		25				
E Iberian Peninsula 55 %, 12.4	AND												
	POR	14.7		16	24	8			4	22	12	17	
	ESP	11	10	9	12	22	2	6	18	11	7	16	8
F Low Countries 55 %, 15.4	BEL	17	8		14	15	5		33	18	26		
	LUX	61				61							
	NED	9.7		5	7	14	13	10	13	19	2	4	10
G Scandinavia 55 %, 16.3	DEN	10.7			9	19	7	5	20	6	18	11	1
	EST	34				47	30	22	37				
	FIN	16.3			3	13	24	23	28	21		21	
	ISL	56				56							
	NOR	12.8	12		1	12	29			7			16
	SWE	11.8			20	6	17	8	10	16	11	1	17
H Euro Asian 91 %, 18.7	RUS	18.7		28	25	32	23	3	17	20	14	19	6
I Africa and Middle East 5 %, 42	ALG	46		35		57							
	BRN	59				59							
	EGY												
	KUW												
	LBA												
	MAR												
	QAT												
	TUN	29.5	25	34									
UAE													
J East Asia 26 %, 24.3	CHN	27.3	16	24	21	41	28	25	36				
	TPE												
	GUM												
	HKG	12	9	15									
	JPN	22.6	17	20	36	34	31	19	12	17			17
	KOR	30.3		26		39			26				
	PHI												



K South and Central Asia 9 %, 31.6	IND	36.3				52			34			23	
	INA	18		18									
	MAS	29				29							
	MYA												
	PAK												
	SIN	32.3				33		29	35				
	SRI												
THA	30	28	32										
L South West Pacific 22 %, 11.8	ASA												
	AUS	7.1	4	17	8	2	9	2	1	5	9	6	15
	COK												
	FIJ												
	NZL	16.5	15	8	6	18	20	18	22	23	16	27	9
	PNG												
	SAM												
	SOL												
TAH													
M South & West South America 24 %, 24.4	ARG	18.4	22	11	30	27	26	14	8		3	25	
	CHI	26				26							
	ECU												
	PER	43				43							
	URU	41		37		45							
N Central & East South America	BRA	15.7	21	6	32	1	8	27	16	9	24	13	
	PAR												
O North South America, Central America and Caribbean 8 %, 30.7	ANT												
	BAH	26										26	
	BAR												
	BER	17				37						3	11
	IVB												
	CAY												
	COL												
	CUB												
	ESA												
	DOM	48				48							
	GRN												
	GUA	53				53							
	JAM												
	MEX	26.6	23	25	11	49				25			
	AHO												
	PUR	32.5				55					10		
LCA													
TRI													
ISV	35				44	34					27		
VEN	36		30		42								
P North America 96 %, 15	CAN	19.4		27	28	21	18	13	29	24	13	9	12
	USA	11	19	22	5	11	22	15	6	4	6	8	3
Q Africa - South of the Sahara 6 %, 20.5	ANG												
	MRI												
	NAM												
	SEY	23				23							
	RSA	19.7				5					23	31	
ZIM													
ISAF Group	Nation	average of places	Mistral Ladies	Men	Europe Ladies	Laser Men	Finn Men	470 Ladies	Men	49er Men	Tornado Men	Star Men	Yngling Ladies
sailors in the ranking per class		243	111	235	279	915	196	82	231	149	131	290	55
nations in the ranking per class		34	28	38	36	61	34	29	38	28	28	34	19
sailors / nations		6.3	4.0	6.2	7.8	15.0	5.8	2.8	6.1	5.3	4.7	8.5	2.9

Nations in how much events, following the ISAF Ranking 6.7.04. and average first mentioned places of this group of Nations													
11	10	9	8	7	6	5	4	3	2	1	0		
GBR	AUT	DEN	SLO	IRL	CZE	TUR	CYP	BUL	LTU	SLK	LIE	MYA	CAY
GER	HUN	SWE	POL	CRO	BLR	MEX	EST	TAT	MON	ROM	MKD	PAK	COL
UKR	SUI	JPN		POR	ISR			KOR	TUN	GEO?	MOL	SRI	CUB
FRA	NED	ARG		BEL	NOR			SIN	HKG	LUX	MLT	ASA	ESA
GRE	BRA			FIN				BER	IND	ISL	SMR	COK	GRN
ITA	CAN			CHN				ISV	THA	ALG	AND	FIJ	JAM
ESP	RUS							RSA	URU	BRN	EGY	PNG	AHO
AUS									PUR	INA	KUW	SAM	LCA
NZL									VEN	MAS	LBA	SOL	TRI
USA										CHI	MAR	TAH	ANG
										PER	QAT	ECU	MRI
										BAH	UAE	PAR	NAM
										DOM	TPE	ANT	ZIM
										GUA	GUM	BAR	
										SEY	PHI	IVB	
11.5	18.7	15.9	14.8	18.2	21.0	24.4	33.0	28.3	32.3	42.1			

International Europe Class Union

EYC 2004 Villa Real POR

Used Materials

Make Product	Hull	Centre board	Rudder	Rudder stock	Mast	Boom	Sail	total
Winner ESP	91				1			92
Finessa SWE	36	25	30	33		24		148
Osis SWE	8	1	2	1				12
Boerresen DEN	9			1				10
Phileas FRA	1							1
Lenam ESP	1							1
Indeurope ESP	3							3
Cristalli BEL	1							1
SCS SWE		48	44	47	129			268
E&V EST		72	73	3				148
Bloodaxe GBR								
Tebbertmann NED		19	16	1				36
TRD ESP		4	3	71				78
Frederiksen SWE				14				14
C-tech AUS								
Ceilidt NED				1	40			41
Tropical GBR								
Selboat FIN								
Southern Spars AUS								
Dinghy Spars DEN						36		36
Proctor GBR						85		85
Holt Allen GBR						7		7
Needle Spars GBR								
Green DEN							105	105
WB FIN							64	64
North DEN, NZL							15	15
Toni Tio ESP							35	35
Victory SLO							27	27
Russo FRA							1	1
Nova GER							3	3
Raudaschl AUT								
Mueller GER							1	1
Segelform GER							3	3
Hood GBR							1	1
Olympic ITA								
Elvstroem DEN								
Supreme							12	12
unidentified, home made		1	4	3	1	1	1	11
total	150	170	172	175	171	153	268	1259

ISAF 2003 Ranking in the Europe Class,

Graphics of Height and Weight Distribution Sailors Places 1 - 40

Places in Ranking	The light ones 5 % percentile		5 to 50 % percentile differences:		Mean, Median 50 % percentile		5 to 50 % percentile differences:		The big ones 5 % percentile		Places in Ranking	
	Height 1.63 m Weight 58 kg H x W 94.5 kgm	o • x	Height 8 cm Weight 7 kg H x W 16.7 kgm 100 % of space	o • x	Height 1.71 m Weight 65 kg H x W 111.2	o • x	Height 11 cm Weight 7 kg H x W 19.4 kgm 100 % of space	o • x	Height 1.82 m Weight 72 kg H x W 131	o • x		
1				o		x	•				1	
2									o	• x	2	
3		o		x•							3	
4							•		x		o	4
5								o			x •	5
6	• x			o								6
7					•		x		o			7
8									o	x•		8
9							•		x		o	9
10							•	x	o			10
11							•		x	o		11
12					•		x		o			12
13					•x		o					13
14								o		x	•	14
15		•x		o								15
16					•x		o					16
17							•	x	o			17
18			o				x	•				18
19						•		x		o		19
20									•o	x		20
21										•	x o	21
22			•		x			o				22
23			o		x	•						23
24										o	• x	24
25									•	ox		25
26					•	x	o					26
27									o	•x		27
28			•		x			o				28
29					o				x		•	29
30									•	ox		30
31										o	x•	31
32			•	xo								32
33		o		x	•							33
34			o		x	•						34
35		o			x	•						35
36							•		x	o		36
37								•		x	o	37
38			o				x		•			38
39			ox•									39
40		•	ox									40

WinnerBoats Europe Class Results



- **World Champion 2004 Women – Siren Sundby.**
- **World Champion 2004 Men – Christopher Gundersen**
- **Gold, Silver and Bronze OLYMPIC GAMES**

Many unbeatable results, World Ch. consecutively 93/94/95/96/97/98/99/00/01/02/03

WINNER WORLD CHAMPION '04

WOMEN - Siren Sundby (NOR) is the World Champion 2004 with a Winner.

Top 14 used a Winner.

1. Siren Sundby	NOR	WINNER
2. Sari Multala	FIN	WINNER
3. Petra Niemann	GER	WINNER
4. Lenka Smidova	CZE	WINNER
5. Sarah Blanck	AUS	WINNER

MEN - Christopher Gundersen (NOR) is the World Champion 2004 with a Winner.

1. Christopher Gundersen	NOR	WINNER
2. Arvid Claeson	SWE	
3. Michael Risor	DEN	WINNER
4. Toke Bjornshave	DEN	WINNER
5. Jean Christophe Gache	FRA	WINNER

OLYMPIC GAMES ATHENS '04

Siren Sundby (NOR) is Gold Medalist

25 of 25 used a Winner.

1. Siren Sundby	NOR	WINNER
2. Lenka Smidova	CZE	WINNER
3. Signe Livbjerg	DEN	WINNER
4. Sarah Blanck	AUS	WINNER
5. Sari Multala	FIN	WINNER
6. Serena Amato	ARG	WINNER
7. Shen Xiaoying	CHN	WINNER
8. Sarah Macky	NZL	WINNER
9. Virginia Kravarioti	GRE	WINNER
10. Petra Niemann	GER	WINNER

Princess Sofia Trophy 2004 – Mallorca – ESP MEN'S FLEET

1. Christopher Gundersen	NOR	WINNER
2. Sebastian Ostling	SWE	
3. Manuel Jimenez	ESP	WINNER
4. Jesus Rogel	ESP	WINNER
5. Emmanuel Taine	FRA	WINNER

Princess Sofia Trophy 2004 – Mallorca – ESP WOMEN'S FLEET

1. Siren Sundby	NOR	WINNER
2. Sarah Blanck	AUS	WINNER
3. Meg Gaillard	USA	
4. Min Dezillie	BEL	WINNER
5. Christiane de Nijs	GER	WINNER

Eurolymp 2004– SOF – Hyeres - FRA

1. Siren Sundby	NOR	WINNER
2. Sari Multala	FIN	WINNER
3. Tania Calles	MEX	WINNER
4. Sarah Macky	NZL	WINNER
5. Lu Chun Feng	CHN	WINNER

Eurolymp 2004– SPA REGATTA - NED

1. Siren Sundby	NOR	WINNER
2. Blandine Rouille	FRA	WINNER
3. Petra Niemann	GER	WINNER
4. Lenka Smidova	CZE	WINNER
5. Sari Multala	FIN	WINNER

Eurolymp 2004– KIEL WEEK - GER

1. Tatiana Drozdovskaya	BLR	WINNER
2. Petra Niemann	GER	WINNER
3. Sarah Blanck	AUS	WINNER
4. Teja Cerne	SLO	WINNER
5. Wiebke Schröder	GER	WINNER

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