

OFFSHORE RACING CONGRESS



ORC Scorer User Guide 2021

1 Installation

The **ORC Scorer** is a Microsoft Windows application, distributed for free, aimed to cover all aspects of scoring using the ORC rating system. ORC Scorer is continuously under development, with at least one new version published every racing season.

The ORC Scorer may be downloaded from the ORC Sailor Services website (free registration required at www.orc.org/sailorservices). To download the ORC Scorer software go to the "Software" section:

Ø RC	C world leader in rating technology Sailor Services Software Control Software CRC Scorer download ORC Scorer version 1.8.4.87 - 06/04/2021 download ORC Scorer user guide its sceet tts sceet tis sceet tis sceet tis sceet tis sceet tis scept for country-specific scoring options. - Support for 2021 All Purpose handicaps. - Support for country-specific scoring options. - The online rating data selection is divided by year and certificate family (Standard, Double Handed and Non Spinnaker).
privacy policy	KOMANIA DE LE COMPANIA DE LE COMPANI
Home	Software
News	ORC Scorer
Software Search for Certific	download ORC Scorer version 1.8.4.87 - 06/04/2021
My Boats Scratch Sheet	download ORC Scorer user guide
Buy Credits	In this version
Balance: 0 credits Main ORC Site	 Support for 2021 All Purpose handicaps. Support for country-specific scoring options. The online rating data selection is divided by year and certificate family (Standard, Double Handed and Non Spinnaker). Minor fixes.

Click "download ORC Scorer" to receive the ORC Scorer installation file (ORCScorer.exe). If prompted, select a folder on your computer where the installation file will be saved.

When the download is complete, open the download folder and double-click on "ORCScorer.exe" to initiate the installation process.

Tip: Hit CTRL + J on your keyboard to view your recent downloads in Internet Explorer, Firefox and Chrome.

Follow the instructions on screen to complete the installation, and now launch the application.

2 Setting up an Event

To set up a new event click on New Event under the File menu:



Then enter the details about the event such as:

- Title
- Venue
- Organizer
- Starting and Ending Date

These details will be shown on every report produced by the application (entry list, results etc). These reports may be further customized, as explained later.

				D						Services website			
Venue													
rganizer				Folder	1					•••			
Start	 ✓ End 		~										
leet Classes	& Races Courses												
SailNo	Yacht Name	Bow#	ClassId Division	d LOA	CDL	GPH	OSN	Custom C	ustom	Туре	Owner	Skipper	
	Venue rganizer Start eet Classes SailNo	Venue ganizer Start V End eet Classes & Races Courses SailNo Yacht Name	Venue ganizer Start Classes & Races Courses SallNo Yacht Name Bow#	Venue ganizer Start Venue End Venue	Venue ganizer Start Classes & Races Courses SallNo Yacht Name Bow # ClassId Division Id LOA	Venue ganizer ganizer Folder I Start Folder I Gasses & Races Courses SalNo Yacht Name Bow# ClassId Division Id LOA CDL	Venue ganizer Folder Fo	Venue ganizer Folder Folder Folder Folder Folder Start Folder Fol	Venue ganizer Folder Folder Folder Folder Folder Folder Folder Folder Folder Folder Folder Folder Folder Folder Folder Folder Folder Folder Folder Folder F	Venue Folder / granizer Folder / Start End eet Classes & Races Courses SallNo Yacht Name Bow# Classid Division Id LOA CDL GPH OSN Custom TOD TOT TOD TOT	Venue ganizer Folder Fo	Venue Folder //	Venue Folder Fol

Click the "Save As" button, to store the newly created event on your computer. All the event-related data (boats, races, etc) are stored in the single file you will select in the dialog window that appears. The folder selected for saving the event file is also used for all program outputs (such as reports and temporary files). You may configure a different folder for program outputs using "Folder" field. The event file has the ".orcsc" extension.

Tip: Make sure to save your changes frequently clicking the "Save" button.

3. Adding boats to event

Participating boats may be easily imported to the ORC Scorer from the following choices:

a) the ORC Database containing the last valid certificate data for every boat with a valid ORC Rating Certificate. For this option an internet connection is needed. ORC Certificates are available in form of: Regular (fully crewed), Double Handed or Non-Spinnaker. Certificates are valid for one year where change of the year is usually done on 1 January while some countries on the Southern hemisphere may opt to change certificates on different date like 1st July. Therefore, boats need to be selected from the relevant certificate year, certificate type and Rating office of the country that issued certificate as follows:



b) A file on your computer (local file) that has been downloaded from the ORC website. The ORC provides rating files (files that include boat rating data) of the currently valid-for-racing certificates organized by country, to be used by the ORC Scorer as well as other scoring applications, and are directly available from the ORC website in three formats, but ORC Scorer is using "JSON" format

		Software	an and a second	ana spille	in the second			TALK
		HOME RULES MEASUREMENT RA	TING SCORING ORC SUPERY	ACHT SOFT	WARE	ORC OR	GANIZATION MEE	TING
		RMS files						
		RMS files contain all the data needed f they can be read by various scoring sof as well.	or calculating race results under tware packages available, such as	the ORC Inter Altura, Velum	national a , ZW, and	nd Club soon ot	rating systems, and her scoring packages	
ORC Score	r - [Untitled Event]	Race organizers can download from this files of the complete fleets of the relev obligation to present a valid ORC certific	page the RMS files necessary to vant rating office. Please note the cate before entering any race.	enter competi at the use of I	tors in the RMS files o	eir races does not	by downloading the replace the owner's	
Save Ac	• Title	The RMS files provide digital input for a also available to anyone interested to str	Il scoring data included in the ce udy the boats' relative performanc	rtificate. Beyo es.	nd scoring	g purpos	es, the RMS files are	
	Venue	The data included in each RMS file press Rating offices and updated with each m may be some certificates that are issue should contact the relevant rating office	ented here is the latest received be ew certificate issued while Rating ed but not yet delivered to the C directly.	oy the ORC cer Office is conr ORC central da	ntral datab lected to t latabase. Ir	base from the inten n such c	m the individual ORC met. However, there ases race organizers	
Add -	Start Church Down Church	ORC Standard Double Handed Non Sp	pinnaker					
Add	Ctrl+A Vacht Name Row # Classic Division Id	Country	Download options	International	Club T	īotal	Last Update	
From Io	cal file	Netherlands	2021 RMS JSON CSV	43	606	649	15/04/2021 09:44	
Entry List		Spain	2021 RMS JSON CSV	245	265	510	13/04/2021 18:17	
æ		Australia	2020 RMS JSON CSV	123	184	307	15/04/2021 12:25	
Results		Italy	2021 RMS JSON CSV	137	157	294	09/04/2021 14:09	

In both cases software that is using RMS files contain all rating data for different scoring options as well as LOA and certificate Issue Date and Reference number that may be used to check that the proper data of the last valid certificate is used.

ORC Certificates are issued by national rating offices and individual boat data should be searched by the country that issued the certificate. Normally, national rating offices are issuing certificates for boats within that country, but they may also do this for boats from different countries if they usually race in their waters. Therefore, it is always good to double check where the certificate is issued.

When the appropriate nation and certificate type file is selected by one of the two methods described above a list of boats to be selected will be shown:

🔏 Select boa	ts from RMS file								
	2							Unsele	cted Boa
SailNo	Yacht Name	GPH	CDL	Class	Cert.Type	IssueDate	RO	RefNo	BIN
AUT-24	FAIR LADY BLUE	620.6	10.070	COMFORTINA 42	CLUB	21/02/2017 20:48:16	ITA	CLU00020207	AUT24
AUT-2895	LUNZ AM MEER	532.5	14.209	9 SWAN 651	INTL	09/10/2017 23:30:24	ITA	ITA00023004	AUT2895
AUT-49	VAQUITA	514.6	11.687	7 AKILARIA RC1 CL'40	CLUB	19/04/2017 20:15:00	ITA	CLU00022037	AUT49
CAY-65	CARO	428.3	18.482	2 BOTIN 65	INTL	22/09/2017 15:40:50	ITA	ITA00022928	CAY65
CZE-858	HEBE V	613.6	9.303	3 M37	INTL	22/09/2017 15:40:36	ITA	ITA00022927	CZE858
DEN-555	FLED 2	762.2	5.822	2 KEELBOAT	CLUB	31/03/2017 18:44:50	ITA	CLU00021746	DEN555
ESP-4158	STRIPPTEASE	588.3	9.886	5 TRIPP 40	CLUB	04/04/2017 22:40:32	ITA	CLU00021843	ESP4158
ESP-6610	CHEYENNE	584.5	10.357	7 RODMAN 42	INTL	26/07/2017 20:22:54	ITA	ITA00022827	e6610
EST-774	SUGAR	623.2	8.761	1 ITALIA 9.98 F	INTL	26/06/2017 21:46:52	ITA	ITA00022749	EST774
EUR-36002	COSTELLATION	564.7	10.354	4 SOLARIS 36 OD	CLUB	14/03/2017 20:24:10	ITA	CLU00021465	EUR36002
EUR-36008	COLUMBIA	561.6	10.174	4 SOLARIS 36 O.D.	INTL	19/05/2017 17:11:02	ITA	ITA00022446	EUR36008
EUR-36009	FURIETTA	564.4	10.145	5 SOLARIS 36 OD	INTL	20/06/2017 11:33:38	ITA	ITA00022708	EUR36009
EUR-36017	EMY TOO	561.1	10.242	2 SOLARIS 36 O.D.	CLUB	07/02/2017 23:07:04	ITA	CLU00021081	EUR36017
F-3446	JALINA	668.7	8.099	9 SLOOP 1947	INTL	22/05/2017 22:38:24	ITA	ITA00022466	FRA3446
	1633 records	-							
c.th	v Lu	CD1		d		Terr Data		Selec	ted Boats
SailNo	Yacht Name	GPH	CDL	Class	Cert.Type	IssueDate	RO	RefNo	BIN
	0 records	Ť							
	0 records	Ţ							

The list of unselected boats may be sorted by clicking on any of header items: Sail No, Yacht Name, GPH, CDL, Cert. Type or Issue Date. Typing the first letters in a search criteria in "Search unselected" will reduce the list to the entries containing only these letters. For example, when a list is sorted by the

Yacht Name and the boat to be located is named "Columbia" simply type "Col" in "Search unselected" and this will reduce the list only to the boats whose name starts with "Col".

Once the boat is identified it can be selected for the race by a double-click, then it will appear under "Selected Boats." If any boat is wrongly selected it may be removed from the list in the same way by double clicking in the "Selected boat" list.

This procedure may be repeated with files from different countries or different certificate types or when it is needed to add boats after the original setup. When the process of selecting boats is completed, all boats entered for the event will be shown in the "Fleet" tab of the main screen.

VVI	ndow															-
Na	me [ORC European Championshi	p 2016													
Fo	lder [C: ORC Software ORC Scor	rer Euro20	716			•••									
FI	eet Class	es & Races Courses														
Ľ	SailNo	Yacht Name	Bow#	ClassId Division Id	LOA	CDL	GPH	OSN	Custom	Custom	Type	Owner	Skipper	Spo ^	SailNo	TUR-3512
	T ID 0510	TONTO NO KON	40	-	10.150	0.000		F00.0	100	101		Kana Onenna	Kana Onenna		Yacht Name	IZMIR YELKEN
12	TUR-3512	IZMIR YELKEN	49	C	10.150	9.008	616.0	598.9			MAT 10.10	Kaan Ozgonenc	Kaan Ozgonenc	PALMARINA	Bow#	49
	IIA-391	MORGAN IV	34	AB	11.820	9.857	600.3	584.4			G.S. 39	DE GEMMIS NICOLA	Nicola de Gemmis		Class Id	C
	TUR-1040	BOLD	15	AB	10.970	10.950	544.3	528.4			BOLT 37	RaRa Ltd., Mehmet Taki	SERDAR CALISKAN		Division Id	
	GRE-1265	TAMUMM	56	С	9.435	9.000	596.8	582.2			FARR (ex Mumm) 30	ANAGNOSTOPOULOS AP	Antonis Katigiannakis	MARINESHC	Туре	MAT 10.10
	BUL 1991	LZ Yachting 1991	48	C	10.600	9.248	604.4	589.0			X-35	LZ Yachting LTD	Lachezar Bratoev		Owner	Kaan Ozgonenc
	EST-774	SUGAR	61	C	10.300	8.827	624.6	607.7			ITALIA 9.98 F	OTT KIKKAS	Ott Kikkas		Skipper	Kaan Ozgonenc
	EST 646	KATARIINA II	55	C	10.405	9.075	628.7	609.6			ARCONA 340	Aivar Tuulberg	Aivar Tuulberg		Sponsor	PALMARINA
	TUR-7400	CILGIN SIGMA	09	AB	12.411	11.281	528.8	515.5			FARR 40 OD	Bulent Demircioglu Borusa	Orhan Tuker		LIUD	INTERNATIONAL MARMARI
	TUR 1010	KARAVIDA	50	C	10.150	9.076	613.0	595.4			MAT 10.10	CIHAN F. ASAL, Alp DOG	Alp DOGUOGLOU		CDI	0.009
	TUR-471	GORBON BLUE MATRIX	51	C	10.150	9.046	615.7	597.8			MAT 10.10	Orhan Gorbon	Orhan Gorbon		CDL	5.000
	GRE-4242	BLACK JACK	04	AB	12.790	12.285	500.1	486.8			GP 42	ANEMOS YACHTS MCPY	Makis Kourtesis	STATUS MAI	GPH	10.150
	ITA-16639	SCUGNIZZA	40	C	11.410	9.488	621.0	602.2			NM385	DE BLASIO VINCENZO	Vincenzo de Blasio	Total Lubma		509.0
	TUR-9939	SHAK SHUKA II	41	C	10.617	9.359	611.4	593.1			A-35	Hasan Utku CETINER	Hasan Utku CETINER		Dhone	330.9
	GRE-1708	MYTILANA	59	С	12.250	8.966	650.5	630.4			SUN LEGENDE 41	MARINE AND SAILING EN	George Giakoulakis		EMail	info@izmiruelken.com
	GRE-302	KRAKEN	70	С	9.529	8.432	621.6	606.0			MOUNT GAY 30	BAXEVANIS THANASIS	Dimitris Marakis		RO	TID
	GRE-517	ALLEGORIA	45	С	10.840	9,248	626.6	609.5			BAVARIA 35 MATCH	IOANNIS ARGYRAKIS	IOANNIS ARGYRAKIS		RIN	TI ID 3512
	GRE-1135	NIRIIDA	43	c	11.215	9,350	627.7	610.4			ELAN 37 SD	PASCALIS SAMARAS	PASCALIS SAMARAS		Cert Type	10(0012
	GRE-317	AVANTES	75	c	9,490	8,140	676.3	655.1			FIRST 31.7 MOD	AFENDRAS I VASILIOU	Giannis Afendras		Issue Date	
	GRE-49167	FOUINOX	68	C	11.022	8,467	651.3	632.3			X-372	GEORGIOS MATSIKIDIS	GEORGIOS MATSIKIDIS		RefNo	
	GRE-49129	ENALLAX	65	c	10.007	8,590	630.4	614.6			X-99	HRISTOS GIAPANTZIS	Thodoros Tsakalis		Custom TOD	
	GRE-74	BAXIMUS	78	c	10.600	9.271	607.9	592.2			X-35 OD	ATHANASIOS BAXEVANIS	Thanasis Baxevanis		Custom TOT	
	ROLI 410	Simina	22	ΔB	12.259	10.577	589.8	573.0			Flan 410	Club Sportiv BALKAN	Iulia Eulicea			
	TA-16606	BLUE SKY	16	AB	12 057	10 913	597.8	566 3			CRAND SOLETL 43 BC	TERRIERI CI ALIDIO	Claudio Terrieri	17 - T		
	TTA-1040	CANEVEL SPLIMANTT	19	AR	12 240	10 740	579.5	563.1	-		FIRST 40'	COSTANTIN MANUEL	COSTANTIN MANUEL	÷		
	Ri II .022	HORIZONT	32	AB	12 027	0.051	606.2	580 3	-		HANSE 400	HORIZONE 2002 LED	Ilian Tenekediev			
	GRD-1035	NO RESPECT	36	AB	10.620	0 740	567 9	553 1			1035	10SE ANTONIO SALCUER	Daniel Alchanatic			
	GDE-1270	INTEGRALE	35	AB	10.000	0.872	593.0	569 3			MIMM 36	ZAMBETOCIOUS AND	Sotiric Zabatoniou			
	GRE*12/U	Vanial Vania	33	40	10.910	9.023	503.2	500.2			FLANLASO	Casasi Mihau	Conna Zabelogiou			
	CDE 42	Venul Touriu	20	40	12.239	10.368	291.0	5/4./	-		DODMAN 42	GEOLDI MILLON	GEOLOI MILLOV			
	GRE-42	MY WAY	25	Ab	12.400	10.399	5//.2	562.6			RODMAN 42	FAEDON KYDONIATIS	FAEDON KYDONIATIS	×	Q Update	73 entries
105														,	Spoore	

Each individual boat data may then be edited by adding other identifying data such as Club, Sponsor, Skipper name or Custom ToD (Time or Distance) or Custom ToT (Time on Time) for when a scoring coefficient that does not exist in the ORC Certificate may be used to score a specific race.

By clicking on "+" below the table a new boat may be added (without ORC certificate data) or by clicking on "-" a boat may be deleted from the list.

By clicking on "Update" on the left menu all ORC certificate data will be checked from the ORC Database to confirm if it is the latest valid one or for when it is known that any certificate is updated after the data has been imported.

Save	Na	me	ORC European Championsh	ip 2016								
	Fo	lder	C: ORC Software ORC Sco	rer Euro20	16				•••			
Save As	۶ł	eet Clas	sses & Races Courses									
Cancel		SailNo	Yacht Name	Bow#	ClassId	Division Id	LOA	CDL	GPH	OSN	Custom TOD	Custon TOT
Add	•	TUR-3512	IZMIR YELKEN	49	С		10.150	9.008	616.0	598.9		
Ph		ITA-391	MORGAN IV	34	AB		11.820	9.857	600.3	584.4		
Entry List		TUR-1040	BOLD	15	AB		10.970	10.950	544.3	528.4		
		GRE-1265	TAMUMM	56	С		9.435	9.000	596.8	582.2		
		BUL 1991	LZ Yachting 1991	48	С		10.600	9.248	604.4	589.0		
2 Limits		EST-774	SUGAR	61	С		10.300	8.827	624.6	607.7		
		EST 646	KATARIINA II	55	С		10.405	9.075	628.7	609.6		
acuite		TUR-7400	CILGIN SIGMA	09	AB		12.411	11.281	528.8	515.5		
9		TUR 1010	KARAVIDA	50	С		10.150	9.076	613.0	595.4		
pdate	/	TUR-471	GORBON BLUE MATRIX	51	С		10.150	9.046	615.7	597.8		
T		GRE-4242	BLACK JACK	04	AB		12.790	12.285	500.1	486.8		
Setup		ITA-16639	SCUGNIZZA	40	С		11.410	9.488	621.0	602.2		
		TI ID .0030	SHAK SHUKA TI	41	C		10.617	9.359	611.4	593.1		

This may also be done for individual boats by clicking on the "Update" button on the lower right side below the details of the particular boat that needs an update of its certificate data:

Type	Owner	Skipper	Spo	^	SallNo	TUR-3512
					Yacht Name	IZMIR YELKEN
MAT 10.10	Kaan Ozgonenc	Kaan Ozgonenc	PALMARINA		Bow#	49
G.S. 39	DE GEMMIS NICOLA	Nicola de Gemmis			Class Id	с
BOLT 37	RaRa Ltd., Mehmet Taki	SERDAR CALISKAN			Division Id	
FARR (ex Mumm) 30	ANAGNOSTOPOULOS APO	Antonis Katigiannakis	MARINESHC		Туре	MAT 10.10
X-35	LZ Yachting LTD	Lachezar Bratoev		1	Owner	Kaan Ozgonenc
ITALIA 9.98 F	OTT KIKKAS	Ott Kikkas		_	Skipper	Kaan Ozgonenc
ARCONA 340	Aivar Tuulberg	Aivar Tuulberg		-	Sponsor	PALMARINA
FARR 40 OD	Bulent Demircioglu Borusa	Orhan Tuker		2	Club	INTERNATIONAL MARMARIS YAC
MAT 10.10	CIHAN F. ASAL, Alp DOG	Alp DOGUOGLOU			Nation	
MAT 10.10	Orhan Gorbon	Orhan Gorbon		<u></u>	CDL	9.008
GP 42	ANEMOS YACHTS MCPY	Makis Kourtesis	STATUS MAI	_	GPH	616.0
NM385	DE BLASIO VINCENZO	Vincenzo de Blasio	Total Lubma	_	LOA	10.150
A-35	Hasan Litku CETINER	Hasan Litku CETINER		-	OSN	598.9
SUN LEGENDE 41	MARINE AND SATI ING EN	George Giakoulakis	-	-	Phone	
MOUNT GAY 30	BAYEVANIS THANASIS	Dimitric Marakis		-	EMail	info@izmiryelken.com
RAVADIA 35 MATCH				-	RO	TUR
ELAN 27 CD	DASCALTS SAMADAS			-	BIN	10R3512
ELAN 37 30	AFENDDAS I VASUTOU	Ciappia Afondras		-	Cert.Type	
V 272	CEODCIOS MATSILIOU			-	Issue Date	
X-372	GEORGIOS MATSINIDIS	GEORGIOS MATSINIDIS		-	Custom TOD	
X-99	HRISTOS GIAPANTZIS	Thodoros Isakalis		-	Custom TOT	
X-35 OD	ATHANASIOS BAXEVANIS	Thanasis Baxevanis		-	Custom TOT	
Elan 410	Club Sportiv BALKAN	Iulia Fulicea				
GRAND SOLEIL 43 BC	TERRIERI CLAUDIO	Claudio Terrieri				
FIRST 40'	COSTANTIN MANUEL	COSTANTIN MANUEL				
HANSE 400	HORIZONT 2002 LTD	Ilian Tenekedjiev				
1D35	JOSE ANTONIO SALGUER	Daniel Alchanatis	· · · ·			
MUMM 36	ZAMBETOGLOU S. & V. /	Sotiris Zabetoglou				
ELAN 410	Georgi Mihov	Georgi Mihov				
RODMAN 42	FAEDON KYDONIATIS	FAEDON KYDONIATIS		~		
			>	(🌍 Update	3 entries
►I.	+	-			d	× ×

4. Creating Classes and Divisions

Naming of Classes and Divisions may be interpreted differently by different events and it is therefore important to understand how Classes and Divisions are defined in ORC Scorer software.

A *Class* is a group of boats that compete against each other with the same starting time on the same course with separate results from the rest of the fleet.

A *Division* is a sub-section of the Class where boats can be scored with the same points they are getting in the Class or separately as a Division only.

For example, ORC World and European Championships have three Classes that have separate starts. Each class then has a Division for Corinthian entries that meet that criteria.



Another example is an offshore event where all ORC boats have an overall results but at the same time within that fleet there are classes or groups that also have results within that groups. In such a case, complete fleet shall be defined as a Class and groups shall be defined as Divisions.

The Class should be designated with a Class ID and Class Name. For the Class ID it is recommended to use simple identifications, such as A, B, C or 1, 2, 3, while Class Name may contain a broader description of the class such as Class A, Class B or Class C:

lass Id Class Name	R#	Race	Start	Class	Distance	Course Id	Provisional	Id	
c blass C		Race 1 - Offshore	06/07/2016 11:20:00	C	30.00			2	
Extract division		Race 1 - Offshore	06/07/2016 12:19:00	AB	34.00			1	
points from everyli		Race 2 - Windward/Leeward	07/07/2016 13:11:00	AB	6.40	1		3	
esult Scoring		Race 2 - Windward/Leeward	07/07/2016 13:22:00	C	5.10	2		4	
Low point V Time Limits Setup		Race 3 - Windward/Leeward	07/07/2016 15:16:00	AB	6.40	3		5	
The Line Secup		Race 3 - Windward/Leeward	07/07/2016 15:22:00	С	5.36	4		6	
or PCS, use individual boat's implied wind		Race 4 - Windward/Leeward	08/07/2016 13:00:00	С	5.50	5		8	
when calculating corrected times		Race 4 - Windward/Leeward	08/07/2016 13:08:00	AB	5.74	6		7	
nable RRS A9 (race scores in a series		Race 5 - Windward/Leeward	08/07/2016 14:59:00	C	4.91	7		10	
onger than a regatta)		Race 5 - Windward/Leeward	08/07/2016 15:12:00	AB	5.80	8		9	
New Race 🔀 Edit Race 🔀 Edit		Race 6 - Windward/Leeward	08/07/2016 16:29:00	С	4.91	9		12	
Divisions		Race 6 - Windward/Leeward	08/07/2016 16:50:00	AB	5.80	10		11	
Division		Race 7 - Offshore	09/07/2016 12:43:00	AB	26.00			13	
Id Division Name		Race 7 - Offshore	09/07/2016 13:07:00	С	23.00			14	
CR Corinthian		Race 8 - Windward/Leeward	10/07/2016 13:06:00	С	4.50	11		16	
		Race 8 - Windward/Leeward	10/07/2016 13:30:00	AB	5.40	12		15	
		Race 9 - Windward/Leeward	10/07/2016 14:47:00	С	6.34	13		17	
		Race 9 - Windward/Leeward	10/07/2016 14:52:00	AB	5.76	14		18	

Clicking on " \checkmark " will save changes to the current class, while a new class may be added by clicking on "+" with the arrow signs " \blacktriangleleft " and " \triangleright " used to browse between the classes. A class may be deleted by clicking on "-" or changes to the current class may be deleted by click on " \bigstar ".

Within each Class, a Division may be created by adding Division ID and Division Name in the same manner as was as it is done for the Classes. It is possible to enter more Divisions for one class that will be listed as entered:

-	•	+ - ~ %	Ra	ces		1	1	1				
Class Id	Class I	Name		R#	Name	Start Time	Class Id	Distance	Course Id	Provisional	Id	
С	plass	С	•		Race 1 - Offshore	06/07/2016 11:20:00	С	30.00			2	
Discardo		Extract division			Race 1 - Offshore	06/07/2016 12:19:00	AB	34.00			1	
Discarus	1	points from overall			Race 2 - Windward/Leeward	07/07/2016 13:11:00	AB	6.40	1		3	
Result Scor	ring				Race 2 - Windward/Leeward	07/07/2016 13:22:00	С	5.10	2		4	
Low point	~	Time Limits Setup			Race 3 - Windward/Leeward	07/07/2016 15:16:00	AB	6.40	3		5	
					Race 3 - Windward/Leeward	07/07/2016 15:22:00	С	5.36	4		6	
For PCS, us	se indiv	idual boat's implied wind			Race 4 - Windward/Leeward	08/07/2016 13:00:00	С	5.50	5		8	
when calcu	liating o	corrected times			Race 4 - Windward/Leeward	08/07/2016 13:08:00	AB	5.74	6		7	
Enable RRS	5 A9 (ra	ice scores in a series			Race 5 - Windward/Leeward	08/07/2016 14:59:00	С	4.91	7		10	
longer than	-				Race 5 - Windward/Leeward	08/07/2016 15:12:00	AB	5.80	8		9	
New Ra	ace 🕻	Edit Race 🔀 Edit			Race 6 - Windward/Leeward	08/07/2016 16:29:00	С	4.91	9		12	
Divisions					Race 6 - Windward/Leeward	08/07/2016 16:50:00	AB	5.80	10		11	
Division		^			Race 7 - Offshore	09/07/2016 12:43:00	AB	26.00			13	
Id	0	Division Name			Race 7 - Offshore	09/07/2016 13:07:00	С	23.00			14	
CR	Corint	nian	1		Race 8 - Windward/Leeward	10/07/2016 13:06:00	С	4.50	11		16	
					Race 8 - Windward/Leeward	10/07/2016 13:30:00	AB	5.40	12		15	
					Race 9 - Windward/Leeward	10/07/2016 14:47:00	С	6.34	13		17	
					Race 9 - Windward/ eeward	10/07/2016 14:52:00	AB	5.76	14		18	

For each class the following may then be defined:

- *Discards*: The number of race scores that will be excluded when calculating series results. It should be updated when reaching the number of completed races needed for discard. (For example, if one discard is allowed after 5 or more races are completed, this number shall be 0 up to the 5 entered races and 1 thereafter).

- *Extract division points from overall*: When this check box is ticked, division points will be the same as the boat's score in the class, while if not ticked division points will be calculated only within each division.
- *Results scoring*: The scoring method may be selected as Low Point (as defined in RRS Appendix A) or High Point where the first boat is receiving the highest number or points.
- *Time Limit Setup:* This option may be used to define a Time Limit for each boat depending on her rating. It may be entered as a formula such as:



Once the formula is defined click on Time Limits on the menu on the left to get the table of Time Limits for all boats:

	8			In				GR	Porto A N E	C	alilas sort
_				Time Limit	S						
#	Yacht Name	Sail No	Туре	Owner	Club	Class Division	LOA	CDL	GPH	OSN	Time limit
1	CILGIN SIGMA	TUR-7400	FARR 40 OD	Bulent Demircioglu Borusan Sailing	Istanbul Saiing Club	AB	12.411	11.281	528.8	515.5	00:17:38
2	Three Sisters	CZE 117	FIRST 40.7	First sailing SRO	CZECH REPUBLIC	AB	11.924	9.921	606.4	588.1	00:20:13
3	PARALOS	GRE-1482	GRAND SOLEIL 40	KARAMITSOPOULOS SOKRATIS	NCTh	AB	11.990	10.116	600.5	584.3	00:20:01
4	DUVETICA GREY GOOSE	ITA-41503	ARYA 415 MOD.	VAGLIANO GIAMPIERO	YC HANNIBAL	AB	12.697	11.271	542.3	528.1	00:18:05
5	AFRITA	ISR 1	XP-44	Easy Swissa	Israel Yacht Club IYC	AB	13.300	11.723	546.6	531.0	00:18:13
6	MORPHEUS	TUR-8843	Sydney 43 GTS	MORPHEUS YACHTING LTD	ТАҮК	AB	13.094	12.254	530.5	514.5	00:17:41
7	ALSOUMA-Alianz	GRE-8	IMX-40	THEODOROS GEORGIADIS	HORC	AB	12.100	10.245	583.7	568.6	00:19:27
8	Simina	ROU 410	Elan 410	Club Sportiv BALKAN	Club Sportiv Balkan	AB	12.259	10.577	589.8	573.0	00:19:40
9	Venid Yacht	BUL-89	ELAN 410	Georgi Mihov	OMK Nesebar 2000	AB	12.259	10.588	591.8	574.7	00:19:44
10	INTEGRALE	GRE-1270	MUMM 36	ZAMBETOGLOU S. & V. / TERLEMES X.	NAOKTh	AB	10.910	9.823	583.2	568.2	00:19:26
11	NO RESPECT	GBR-1035	1D35	JOSE ANTONIO SALGUERO SUDREA	NO VOULIAGMENIS	AB	10.630	9.749	567.8	553.1	00:18:56
12	HORIZONT	BUL-922	HANSE 400	HORIZONT 2002 LTD	YC PORT BOURGAS	AB	12.027	9.951	606.2	589.3	00:20:12
13	CANEVEL SPUMANTI	ITA-1040	FIRST 40'	COSTANTIN MANUEL	ADRIACO	AB	12.240	10.740	579.5	563.1	00:19:19
14	BLUE SKY	ITA-16606	GRAND SOLEIL 43 BC	TERRIERI CLAUDIO	C.V.RAVENNATE	AB	12.957	10.913	582.8	566.3	00:19:26
15	MY WAY	GRE-42	RODMAN 42	FAEDON KYDONIATIS	HORC	AB	12.400	10.399	577.2	562.6	00:19:14
16	MELITI IV-MUSTO	GRE-44	GRAND SOLEIL 42 R	VIGLA SA	NOE	AB	12.660	10.592	554.4	539.7	00:18:29
17	EXTREME WAYS	USA 38800	XP-38	ANDREW HOLDSWORTH	St. Francis Yacht Club	AB	11.580	10.248	586.6	571.0	00:19:33
18	MELX II-P.L. FERRARI	ITA-6326	SINERGIA 40 MOD	STAVROS PAPAGIANNOPOULOS	NOE	AB	12.090	10.364	581.6	566.6	00:19:23
19	BULLET-Encode	GRE-76R	TP 52	Nikolaos Sinouris	YCG	AB	15.850	14.874	458.7	446.5	00:15:17
20	OPTIMUM 3-THENAMARIS - OPTIMISE	GRE-53	FARR 52	NIKOLAOS LAZOS - PERIKLIS LIVAS	NOK	AB	15.839	14.288	473.9	461.8	00:15:48
21	BLACK JACK-STATUS MARITIME CORP	GRE-4242	GP 42	ANEMOS YACHTS MCPY	IOP	AB	12.790	12.285	500.1	486.8	00:16:40
22	MORGAN IV	ITA-391	G.S. 39	DE GEMMIS NICOLA	C.C.BARION	AB	11.820	9.857	600.3	584.4	00:20:01

Please note that this list is purely for information purposes for the competitors and the Race Committee and it is not intended to replace the actual scoring.

- For Performance Curve Scoring (PCS), use the individual boat's implied wind when calculating corrected times: This option is specific for the PCS method as defined in ORC Rule 402.10. The default setting is the calculation of implied wind as defined in ORC Rule 402.9.

- **Enable RRS A5.3:** This option will activate application of RRS Rule A5.3: "If the notice of race or sailing instructions state that rule A5.3 will apply, rule A5.2 is changed so that a boat that came to the starting area but did not start, did not sail the course, did not finish, retired or was disqualified shall be scored points for the finishing place one more than the number of boats that came to the starting area, and a boat that did not come to the starting area shall be scored points for the finishing place one more than the number of boats that came to the starting area one more than the number of boats that came to the starting area shall be scored points for the finishing place one more than the number of boats that came to the starting area shall be scored points for the finishing place one more than the number of boats that came to the starting area shall be scored points for the finishing place one more than the number of boats that came to the starting area shall be scored points for the finishing place one more than the number of boats that came to the starting area shall be scored points for the finishing place one more than the number of boats entered in the series.

Once Classes and Divisions are defined each entry needs to be assigned under the "Fleet" tab of the main screen. Class ID and Division ID shall be entered in the relevant column:

	SailNo	Yacht Name	Bow	ClassId	Division Id	LOA	CDL	GPH	OSN	Custom TOD	Custom TOT	^
	GRE-1221	ADRA	77	С	CR	9.490	8.230	675.5	654.5			F
(GRE-1418	AEGLI	71	С	CR	11.001	8.346	667.3	648.4			в
(GRE-1007	AEOLUS II	89		CR	10.640	8.996	630.8	614.3			F
1	SR 1	AFRITA	07	AB		13.300	11.723	546.6	531.0			Х
(GRE-517	ALLEGORIA	45	С		10.840	9.248	626.6	609.5			в
(GRE-8	ALSOUMA-Allianz	29	AB		12.100	10.245	583.7	568.6			If
(GRE-1282	ANATELOUSSA AFRODITI	63	С	CR	9.982	8.621	636.9	621.1			F
(SRE-1550	ANAX	66	С	CR	9.982	8.530	645.2	626.2			F
(GRE-1577	ARGO 1	13	AB	CR	13.352	10.989	583.3	566.4			F
(SRE-155	ARISTOTELIS	24	AB	CR	12.400	10.443	571.4	556.0			R
(GRE-01	ASTRAPI	79	С	CR	10.632	9.107	630.7	613.2			J
(SRE-317	AVANTES	75	С		9.490	8.140	676.3	655.1			F
(GRE-1212	BANA BIOLETTA 3	12	AB	CR	12.500	11.067	544.1	531.3	-		Il
(GRE-48	BANA BIOLETTA 4	11	AB	CR	12.490	11.128	538.8	526.2			Il
4	GRE-74	BAXIMUS	78	С		10.600	9.271	607.9	592.2			х
(SRE-4242	BLACK JACK	04	AB		12.790	12.285	500.1	486.8			G
(GRE-1153	BLUE LINE	52	С	CR	10.840	9.108	633.0	615.6			в
1	TA-16606	BLUE SKY	16	AB		12.957	10.913	582.8	566.3			G
1	UR-1040	BOLD	15	AB		10.970	10.724	536.4	522.2			В
(SRE-76R	BULLET	01	AB		15.850	14.874	458.7	446.5			т

SailNo	Yacht Name	Bow#	Classid [Division Id	LOA	CDL	GPH	OSN	Custom TOD	Custom TOT	
GRE-1221	ADRA	77	С	CR	9.490	8.230	675.5	654.5			F
GRE-1418	AEGLI	71	C	CR	11.001	8.346	667.3	648.4			E
GRE-1007	AEOLUS II	89	C	CR	10.640	8.996	630.8	614.3			F
ISR 1	AFRITA	07	AB		13.300	11.723	546.6	531.0			>
GRE-517	ALLEGORIA	45	С		10.840	9.248	626.6	609.5			E
GRE-8	ALSOUMA-Allianz	29	AB		12.100	10.245	583.7	568.6			1
GRE-1282	ANATELOUSSA AFRODITI	63	C	CR	9.982	8.621	636.9	621.1			F
GRE-1550	ANAX	66	С	CR	9.982	8.530	645.2	626.2			I
GRE-1577	ARGO 1	13	AB	CR	13.352	10.989	583.3	566.4			ł
GRE-155	ARISTOTELIS	24	AB	CR	12.400	10.443	571.4	556.0			1
GRE-01	ASTRAPI	79	C	CR	10.632	9.107	630.7	613.2			
GRE-317	AVANTES	75	C		9.490	8.140	676.3	655.1			ł
GRE-1212	BANA BIOLETTA 3	12	AB	CR	12.500	11.067	544.1	531.3			
GRE-48	BANA BIOLETTA 4	11	AB	CR	12,490	11.128	538.8	526.2			1
GRE-74	BAXIMUS	78	С		10.600	9.271	607.9	592.2			1
GRE-4242	BLACK JACK	04	AB		12.790	12.285	500.1	486.8			1
GRE-1153	BLUE LINE	52	С	CR	10.840	9.108	633.0	615.6			E
TA-16606	BLUE SKY	16	AB		12.957	10.913	582.8	566.3			1
TUR-1040	BOLD	15	AB		10.970	10.724	536.4	522.2	1		E
GRE-76R	BULLET	01	AB		15.850	14.874	458.7	446.5			ľ

5. Creating races and entering finishing times

Once the fleet is defined with classes and divisions assigned the next step is to create a race. A Race should be created for each class by clicking on "New Race" for the selected Class at the Classes & Races tab:

c .	Title				💋 Upload and	d publish event results or	ORC S	Sailor Servi	ces web	site	
3	Venue										
	Oranoizar				Eoldor						
	organizer [
	Start		✓ End	\sim							
•											
	Fleet C	asses 8	Races Courses								
	/		• ×	Races							
	Class Id	Class N	Name	R#	Race	Start Time	Class Id	Distance	Course Id	Provisional	Id
	AB	Class	AB		Race 1 - Offshore	06/07/2016 11:20:00	C	30.00			2
	Discussion		Extract division		Race 1 - Offshore	06/07/2016 12:19:00	AB	34.00			1
	Discards	1	points from overall		Race 2 - Windward/Leeward	07/07/2016 13:11:00	AB	6.40	1		3
	Result Sco	ring			Race 2 - Windward/Leeward	07/07/2016 13:22:00	C	5.10	2		4
	Low point	~	Time Limits Setup		Race 3 - Windward/Leeward	07/07/2016 15:16:00	AB	6.40	3		5
					Race 3 - Windward/Leeward	07/07/2016 15:22:00	С	5.36	4		6
	For PCS, u	se indiv	idual boat's implied wind		Race 4 - Windward/Leeward	08/07/2016 13:00:00	С	5.50	5		8
	when calcu	laung c	orrected unles		Race 4 - Windward/Leeward	08/07/2016 13:08:00	AB	5.74	6		7
	Enable RR	S A9 (ra	ce scores in a series		Race 5 - Windward/Leeward	08/07/2016 14:59:00	С	4.91	7		10
	longer tria	areya	alla)		Race 5 - Windward/Leeward	08/07/2016 15:12:00	AB	5.80	8		9
	New R	ace 👔	Edit Race 🔂 Edit		Race 6 - Windward/Leeward	08/07/2016 16:29:00	С	4.91	9		12
	Divisions				Race 6 - Windward/Leeward	08/07/2016 16:50:00	AB	5.80	10		11
	Division			· _	Race 7 - Offshore	09/07/2016 12:43:00	AB	26.00			13
	Id	U	avision Name		Race 7 - Offshore	09/07/2016 13:07:00	C	23.00			14
	► CR	Corint	nian		Race 8 - Windward/Leeward	10/07/2016 13:06:00	C	4.50	11		16
					Race 8 - Windward/Leeward	10/07/2016 13:30:00	AB	5.40	12		15
					Race 9 - Windward/Leeward	10/07/2016 14:47:00	C	6.34	13		17
					Date O Windured Assured	10/07/2016 14-52-00	AP	E 76	1.4		10

For each race the following can be entered:

Event D	-Marin ORC World	Champ	ionship	2019		Class	Class B (B)				
Title						Course				~	
Start Time	5.04.2021 12:00:00	7			_	Distance					
						Distance		_			
Coefficient	1.00						Discardable	Provisional I	Results		
Scoring	PCS - Cons	tructed	Course								
Sconing	FC5 - COH5	uucteu	course								
Start & Finis	h										
SailNo	Yacht Name	BowNo	Division Id	ToD	ToT	Finish	Finish Time	Elapsed	Corrected	Delta	Penalty
ITA391	MORGAN IV	22B	CR			-					
ITA 16008	VOLA VOLA ENDEA	23B	CR			-					_
ITA 1040	REBEL	04B	CR			-					
ITA 16606	BLUE SKY	40B	CR			-					
ITA 16090	DUE R NEL VENT	26B	CR			-					
ITA14942	MAN	01B	CR			•					
ITA17897	ADRENALINA	34B	CR			-					
ITA777	KIXX ME	28B	CR			-					
ITA4150	GIVE ME FIVE	47B	CR			-					
ITA 16939	SAGOLA	31B	CR			-					
and particular to the first sector of the firs											

- *Title*: A description of the race, such as Inshore Race 1 or Offshore Race or simply Race 1.
- Start Time: Date and time of the starting signal
- *Coefficient*: Scoring coefficient. If different from 1.00 all scores will be multiplied with that coefficient
- *Course:* Course as defined for Constructed ToD, Constructed ToT or PCS scoring as described below
- *Discardable:* Uncheck this box if that race should not be discarded in calculations of the series results

- *Provisional Results*: Checking this box will add a notification in output of results that results are "Provisional"
- *Scoring*: ORC Rating systems offer a variety of scoring options that may be selected here as one of the following:

🥻 Fil	e Window								
	Event D	-Marin ORC World	Champ	ionship	2019		Class	Class B (B)	
×	Title						Course		
Cancel	Start Time 15	5.04.2021 12:00:00					Distance		
Score	Coefficient	1.00						Discardable Provisional Results	
Results	Scoring	PCS - Cons	tructed	Course				Scoring	
The Delete	Start & Finish	ı						✓ · Standard scoring methods	
Scratch	SailNo	Yacht Name	BowNo	Division Id	ToD	тот	Finish		nts Positi arall Divisi
Julaturi	ITA391	MORGAN IV	22B	CR			-	ToD - Windward/Leeward	
	ITA 16008	VOLA VOLA ENDEA	23B	CR			-	···· ToT - Windward/Leeward	
	ITA 1040	REBEL	04B	CR			-	···· PCS - Windward/Leeward	
	ITA 16606	BLUE SKY	40B	CR			-	PCS - Constructed Course	
	ITA 16090	DUE R NEL VENT	26B	CR			-	ToD - Constructed	
	ITA 14942	MAN	01B	CR			-	ToT - Constructed	
	ITA17897	ADRENALINA	34B	CR			-	···· ToD - Custom	
	ITA777	KIXX ME	28B	CR			-	ToT - Custom	
	ITA4150	GIVE ME FIVE	47B	CR			-	> National scoring methods	
	ITA 16939	SAGOLA	31B	CR			-	> · Pre-2021 scoring methods	
	ITA14175	TASMANIA	20B	CR			-		
	SLO4150	Taia 2 & White Goo	19B	CR			-		
	CR01715	Karpo	36B	CR			-		
	ITA13277	ENRIBET	33B	CR			-		
	CRO6482	Gringo 2	27B	CR			-	Select X Cancel	
	ITA 16800	REVE DE VIE	29B	CR			-		
	ROU409	Irony	21B	CR			-		
	SI 0072	Clay	200	CD			_		

- **Standard scoring options** as presented on each ORC International and ORC Club certificates that are given given for two course types:
 - a) **Windward/Leeward** (up and down) is a conventional course where the race course consists of 50% upwind and 50% downwind legs.
 - b) All-purpose course type includes equal distribution of all wind directions.

	Tim	e Allowa	nces in s	secs/NM				Single Number	r Scoring Op	tions
Wind Velocity	6 kt	8 kt	10 kt	12 kt	14 kt	16 kt	20 kt	Course	Time On Distance	Time On
Beat VMG	886.1	737.6	668.8	638.7	624.4	613.1	601.9	Windward / Leeward	601.8	0.9971
52°	580.2	491.6	457.4	445.4	439.6	436.4	428.8	All purpose	486.3	1 2338
60°	547.3	471.5	444.5	433.2	427.6	424.2	417.6	Air purpose	400.0	1.2000
75°	520.8	457.5	434.5	421.0	411.5	405.4	398.8			
90°	506.5	446.2	423.6	409.0	396.6	387.9	373.3			
110°	524.0	452.6	425.6	405.9	386.0	368.1	341.2			
120°	553.7	465.9	430.7	409.0	387.5	369.2	335.7			
135°	623.5	508.0	450.3	424.7	403.8	381.5	336.9			
150°	742.8	598.6	507.4	453.6	427.5	407.6	365.5			
Run VMG	857.7	691.2	585.9	518.5	474.9	440.9	400.2			
		Selecte	ed Cours	es						
Windward / Leeward	871.9	714.4	627.3	578.6	549.7	527.0	501.1			
All purpose	663.6	554.7	501.3	472.7	454.4	438.9	416.9			

These include:

- Time On Distance (ToD) for All-purpose or Windward/Leeward courses
- Time On Time (ToT) for All-purpose or Windward/Leeward courses
- *Time On Distance (ToD)* or *Time on Time (ToT)* for specific constructed course These are calculated from the specific course model using the weather forecast prior to the start of the race or historic wind data. The course model should be entered at the "Course" tab of the main screen

-	► + -	~			-		
Course#	Course Name	^	(Distance	Leg Direction	Wind Direction	Wind Speed
1	Predominantly upwind		•	10.00	0.0°	0.0°	8.00000
2	Predominantly downwind			15.00	0.0°	0.0°	12.00000
				7.00	0.0°	0.0°	16.0000
				10.00	52.0°	0.0°	8.0000
				15.00	52.0°	0.0°	12.0000
				9.00	52.0°	0.0°	16.0000
				5.00	90.0°	0.0°	8.0000
			-	7.00	90.0°	0.0°	12.0000
				3.00	90.0°	0.0°	16.0000
			-	4.00	135.0°	0.0°	8.0000
				5.00	135.0°	0.0°	12.0000
			1	2.00	135.0°	0.0°	16.0000
				3.00	180.0°	0.0°	8.0000
				4.00	180.0°	0.0°	12.0000
			-	1.00	180.0°	0.00	16,0000

- *Custom Time On Distance (ToD)* or *Time on Time (ToT)* where coefficients may be entered manually for each boat. These may include simple scoring coefficients from any other rating system or entering 1.00 for Custom ToT may be used for scoring the race in elapsed time (or for one-designs) since each boat's corrected time will be equal to her elapsed time:

Name	ORC European Championshi	ip 2016													
Folder	C: ORC Software ORC Scor	rer (Euro 20	016			•••									
Fleet Clas	sses & Races Courses														
Saillio	Vacht Name	Bow	ClaseId Division I	100	CDI	CPH	OSN	Custom Cu	stom	Tune	Owner	Skinner	Son ^	SailNo	TUR-3512
Junito	Toortervoine	00/14	Closed Divisions	LOA	COL	Grin	0.514	TOD T	TOT	Type	Owner	Suppo	5,00	Yacht Name	IZMIR YELKEN
TUR-3512	IZMIR YELKEN	49	С	10.150	9.008	616.0	598.9		1	MAT 10.10	Kaan Ozgonenc	Kaan Ozgonenc	PALMARINA	Bow#	49
ITA-391	MORGAN IV	34	AB	11.820	9.857	600.3	584.4		(G.S. 39	DE GEMMIS NICOLA	Nicola de Gemmis		Class Id	с
TUR-1040	BOLD	15	AB	10.970	10.950	544.3	528.4		E	BOLT 37	RaRa Ltd., Mehmet Taki	SERDAR CALISKAN		Division Id	
GRE-1265	TAMUMM	56	C	9.435	9.000	596.8	582.2		F	FARR (ex Mumm) 30	ANAGNOSTOPOULOS API	Antonis Katigiannakis	MARINESHC	Type	MAT 10.10
BUL 1991	LZ Yachting 1991	48	С	10.600	9.248	604.4	589.0		,	K-35	LZ Yachting LTD	Lachezar Bratoev		Owner	Kaan Ozgonenc
EST-774	SUGAR	61	c	10.300	8.827	624.6	607.7		1	TALIA 9.98 F	OTT KIKKAS	Ott Kikkas		Skipper	Kaan Ozgonenc
EST 646	KATARIINA II	55	c	10,405	9.075	628.7	609.6			ARCONA 340	Aivar Tuulberg	Aivar Tuulberg		Sponsor	PALMARINA
TUR-7400	CILGIN SIGMA	09	AB	12,411	11.281	528.8	515.5		F	FARR 40 OD	Bulent Demircioglu Borusa	Orhan Tuker		Club	INTERNATIONAL MARM
TUR 1010	KARAVIDA	50	c	10,150	9.076	613.0	595.4			MAT 10.10	CTHAN F. ASAL, Alp DOG	Alp DOGLOGLOU		Nation	
TLIR-471	GORBON BULE MATRIX	51	c	10,150	9.046	615.7	597.8			MAT 10.10	Orban Gorbon	Orhan Gorbon		CDL	9.008
GRE-4742	BLACK JACK	04	AB	12 790	12 285	500.1	486.8		-	SP 42	ANEMOS YACHTS MCRY	Makis Kourtesis	STATUS MAI	GPH	616.0
TTA-16639	SCUCNIT77A	40	C	11 410	0 499	621.0	602.2			UM 385	DE BLASTO VINCENZO	Vincento de Blacio	Total Lubma	LOA	10.150
TIR 0035	CHAK CHI KA TI	41	c	10 617	0.250	611.4	507.1		- 1	4.75	Hacan Little: CETTINED	Hacan Little: CETINED	TO COL CODING	OSN	598.9
CDE 1709	MUTTI ANA	11	c	10.017	9.055	650.5	620.4			NUMBER OF AN	MADINE AND CATURIC EN	Caasaa Ciska Jaka		Phone	
GRE-1708	INT LILAINA	39	0	12.230	0.900	630.5	630.4		-	SON LEGENDE 41	PARDINE AND SALLING EN	George Glakoulans		EMail	info@izmiryelken.com
GRE-302	NKANEN	/0	0	9.529	0.432	621.6	606.0		-	HOUNT GAT 30	DAAEVANUS THANASIS	Dimitris Marakis		RO	TUR
GRE-517	ALLEGORIA	-15	-	10.840	9.248	020.0	609.5		- 1	SAVARIA 35 MATCH	IOANNIS ARGTRARIS	IOANNIS ARGTRAKIS		BIN	TUR3512
GRE-1135	NIRLIDA	43	C	11.215	9.350	627.7	610.4	-	-	ELAN 37 SD	PASCALIS SAMARAS	PASCALIS SAMARAS		Cert.Type	
GRE-317	AVANTES	75	C	9.490	8.140	676.3	655.1		-	FIRST 31.7 MOD	AFENDRAS I VASILIOU	Giannis Atendras		Issue Date	
GRE-49167	7 EQUINOX	68	C	11.022	8.467	651.3	632.3		,	K-372	GEORGIOS MATSIKIDIS	GEORGIOS MATSIKIDIS		Kemo	
GRE-49129	ENALLAX	65	C	10.007	8.590	630.4	614.6)	K-99	HRISTOS GIAPANTZIS	Thodoros Tsakalis		Custom TOD	
GRE-74	BAXIMUS	78	С	10.600	9.271	607.9	592.2)	K-35 OD	ATHANASIOS BAXEVANIS	Thanasis Baxevanis		Custom TOT	
ROU 410	Simina	22	AB	12.259	10.577	589.8	573.0		E	Elan 410	Club Sportiv BALKAN	Iulia Fulicea			
ITA-16606	BLUE SKY	16	AB	12.957	10.913	582.8	566.3		(GRAND SOLEIL 43 BC	TERRIERI CLAUDIO	Claudio Terrieri			
ITA-1040	CANEVEL SPUMANTI	19	AB	12.240	10.740	579.5	563.1		F	FIRST 40'	COSTANTIN MANUEL	COSTANTIN MANUEL			
BUL-922	HORIZONT	32	AB	12.027	9.951	606.2	589.3		F	HANSE 400	HORIZONT 2002 LTD	Ilian Tenekedjiev			
GBR-1035	NO RESPECT	36	AB	10.630	9.749	567.8	553.1		1	1D35	JOSE ANTONIO SALGUER	Daniel Alchanatis			
GRE-1270	INTEGRALE	35	AB	10.910	9.823	583.2	568.2		1	MUMM 36	ZAMBETOGLOU S. & V. /	Sotiris Zabetoglou			
BUL-89	Venid Yacht	20	AB	12.259	10.588	591.8	574.7		E	ELAN 410	Georgi Mihov	Georgi Mihov			
GRE-42	MY WAY	25	AB	12.400	10.399	577.2	562.6		F	RODMAN 42	FAEDON KYDONIATIS	FAEDON KYDONIATIS	~		
<													>	🎯 Update	73 entries
100	11		/									-		-	<pre></pre>

- **Performance Curve Scoring (PCS)** is is the most powerful engine of the ORC rating systems. It is fundamentally different and much more precise than any other handicap system since it gives different handicaps for different race conditions in recognition that sailing yachts of different design do not have the same performance in different wind strengths and directions. It may be used with pre-defined or constructed course models. Pre-defined course models are *Windward/Leeward* and *All-purpose*.

However, the most accurate use of Performance Curve Scoring will be when it is used with a constructed course. Course descriptions should be entered in the "Course" tab of the main screen (Race window may need to be closed to step backwards):

🖌 File	Win	dow										
Save As		Title	D-Marin ORC World Champions	hip 2019	D Up	oload	d and pub	lish event	results on	ORC Sail	or Service	s website
		Venue	Šibenik, Croatia		https://	data	a.orc.org	public/WE	V.dll?actio	n=index8	eventid=	WORLDS 19
Save		Organizer			Folder	C	ORC Sof	tware \OR	C Scorer (DRC WC	2019	•••
Add	•	Start	31.5.2019. V End 8.0	5.2019. ~								
X		Fleet (Classes & Rales Courses	• -	~^			1			F	
A		Course	# Cou	rse Name	^		Distance	Leg Direction	Wind Direction	Wind Speed		
Entry List		► A1	A1				2.17	166.0°	165.0°			
B		B1	B1				0.11	67.0°	165.0°			
Results		C1	C1				1.96	346.0°	170.0°			
		A2	A2				1.96	168.0°	170.0°			
8		B2	B2				0.11	67.0°	170.0°			
Time Limits		C2	C2		_		1.96	346.0°	170.0°			
-		A3	A3				0.23	316.0°	170.0°		/	
		B3	B3									
Update		C3	C3									
5		B4	B4									
Print Setup		A6	A6									
		B7	B7									
		C6	C6									

The Course is then defined by entering for each leg: distance, compass bearing and wind direction. The results of the PCS calculation is a so-called "Implied Wind" that represents the boat's performance on the course. The faster the boat has sailed, the higher the "Implied Wind", which is the primary index for scoring.

The "Implied Wind" for the winning boat normally approximates the predominant wind strength for the race and it should be checked before publishing the results However, in cases where the "Implied Wind" does not represent fairly the real wind strength during a race, the wind strength may be determined by the Race Committee and therefore entered in the column of "Wind Speed."

- **National Rating Offices** may publish on their certificates **other scoring options**. This may include ToD and/or ToT coefficients using different course models as well as multiple ToD and/or ToT coefficients for different wind ranges. The course type used to calculate these ratings and the methods of how they will be applied shall be specified in the Notice of Race and/or Sailing Instructions of the races and events that use them.

Appropriate National Scoring option may be selected from the drop-down menu of the countries and available scoring options within each country.

> . Standard scoring methods	•	V United States of America	
 National scoring methods 	~	ToD - Triple Number All Purpose Low	~
> Austria		ToT - Triple Number All Purpose Low	
> Canada		ToD - Triple Number All Purpose Medium	
> Denmark		To To To Triple Number All Purpose Medium	
> Spain	1		
> Estonia	1	ToT - Triple Number All Purpose High	
> · Finland		ToD - Triple Number Windward Leeward Low	
> · France		ToT - Triple Number Windward/Leeward Low	
> · Germany		ToD - Triple Number Windward/Leeward Medium	
> · Greece		ToT - Triple Number Windward/Leeward Medium	
> · Israel		ToD - Triple Number Windward/Leeward High	
> · Italy	1	ToT - Triple Number Windward/Leeward High	
> · Japan		ToD - Predominantly Upwind	
> · Korea		ToT - Predominantly Upwind	
> · Lithuania	1	ToD - Predominantly Downwind	
> · Netherlands		ToT - Predominantly Downwind	
> Norway	~	ToD - Predominantly Unwind I ow	~

Scratch sheets:

Once the race is defined a Scratch sheet may be generated by clicking on "Scratch" on the menu on the left:

	🥻 Fil	e١	Window										
	Save		Event	D-Marin ORC World	Champ	ionship	2019		Class	class A (A)			
	×		Title	R1 - Offshore					Course	e			
	Cancel	Sta	art Time	03.06.2019 11:00:00	7				Distance	126.00			
		Con	efficient	1.00							Provisional P	eculto	
	Score	CO	endent	1.00								Cesuits	
	Results		Scoring	PCS - Coast	al/Long I	Distance							
	Telete	St	tart & Fini	ish									
(P	Ν	SailNo	Yacht Name	BowNo	Division Id	ToD	ToT	Finish	Finish Time	Elapsed	Corrected	Delta
$\overline{\ }$	Sudur	ノ	ITA23520	XIO	08A		438.6		OK	+101:44:45	14:44:45	14:44:45	00:09:49
			ITA5252	AIR IS BLUE	04A		447.2		OK	+101:49:45	14:49:45	14:34:56	00:00:00
			SLO878	Generali - Assilina I	13A		454.3		OK	+1 03:07:24	16:07:24	15:34:09	00:59:13

A Scratch sheet shows the time allowances between the boats for the selected scoring method in ToT, ToD or PCS formats. Clicking on the button for a particular boat will show the time allowances as for a given length of distance or time shown at the head of the columns.

For ToD the columns are in miles, and for ToT the time is in minutes of elapsed time, while for PCS time allowances are shown for different true wind speeds.

Times shown in Red are owed to the reference (Scratch) boat, and times in Black are owed to this boat.

	Yacht Name	Sail No	Туре	GPH	TOD	2 NM	3 NM	5 NM	10 NM	20 NM	30 NM	50 NM
0	ZUUL	38012	AERODYNE 38	564.1	548.9	-60.8 00:01:01	-91.2 00:01:31	-152.0 00:02:32	-304.0 00:05:04	-608.0 00:10:08	-912.0 00:15:12	-1520.0 00:25:20
0	Cookie Monster	04	Salona 380	590.3	574.4	-9.8 00:00:10	-14.7 00:00:15	-24.5 00:00:25	-49.0 00:00:49	-98.0 00:01:38	-147.0 00:02:27	-245.0 00:04:05
0	LA DEFONCE	USA 61170	Figaro 3	591.9	579.3	0.0 00:00:00	0.0 00:00:00	0.0 00:00:00	0.0 00:00:00	0.0 00:00:00	0.0 00:00:00	0.0 00:00:00
0	ALCHEMIST	USA	SUN FAST 3300	611.2	592.2	25.8 00:00:26	38.7 00:00:39	64.5 00:01:05	129.0 00:02:09	258.0 00:04:18	387.0 00:06:27	645.0 00:10:45
0	INFRINGER	USA 10	L-30 OD	603.8	598.1	37.6 00:00:38	56.4 00:00:56	94.0 00:01:34	188.0 00:03:08	376.0 00:06:16	564.0 00:09:24	940.0 00:15:40
0	ABIENTOT	42979	J-35	617.9	601.1	43.6 00:00:44	65.4 00:01:05	109.0 00:01:49	218.0 00:03:38	436.0 00:07:16	654.0 00:10:54	1090.0 00:18:10
0	BOAT 63	63	J 105	619.9	601.6	44.6 00:00:45	66.9 00:01:07	111.5 00:01:52	223.0 00:03:43	446.0 00:07:26	669.0 00:11:09	1115.0 00:18:35
0	HORNET	USA 45	J-33	619.6	603.1	47.6 00:00:48	71.4 00:01:11	119.0 00:01:59	238.0 00:03:58	476.0 00:07:56	714.0 00:11:54	1190.0 00:19:50
0	VICHINGO	17261	ITALIA 998 F	622.6	605.4	52.2 00:00:52	78.3 00:01:18	130.5 00:02:11	261.0 00:04:21	522.0 00:08:42	783.0 00:13:03	1305.0 00:21:45
0	BLAZE STAR	USA 83348	PEARSON FLYER	688.5	672.1	185.6 00:03:06	278.4 00:04:38	464.0 00:07:44	928.0 00:15:28	1856.0 00:30:56	2784.0 00:46:24	4640.0 01:17:20
0	TROUBLE NO TROUBLE	USA 831	POGO 2	697.9	676.5	194.4 00:03:14	291.6 00:04:52	486.0 00:08:06	972.0 00:16:12	1944.0 00:32:24	2916.0 00:48:36	4860.0 01:21:00

Making this scratch sheet available to competitors prior to racing is recommended so they may use this at their discretion to understand the time allowances among the fleet while racing. It should be noted, however, that this is intended as a guide only and not a substitute for the official results.

Calculate results:

To calculate results finishing times may be entered in the column "Finish Time" by entering actual time and date when the boat has crossed the finishing line:

	Event	ORC European Chan	npionsh	nip 2016			Class	Class AB (AB)			
	Title	Race 9 - Windward/Lee	ward				Course	AB-P9			~
S	tart Time [22/08/2019 12:00:00					Distance	5.76			
C	pefficient	1.00						Discardable	Provisional	Results	
	Scoring	PCS - Constructed Cou	rse			~					
	Start & Fini	ish									
	SailNo	Yacht Name	BowNo	Division Id	ToD	тот	Finish	Finish Time	Elapsed	Corrected	Del
•	ISR 1	AFRITA	07								
	GRE-8	ALSOUMA-Allianz	29			(-				
	GRE-1577	ARGO 1	13	CR							
	GRE-155	ARISTOTELIS	24	CR			-				
	GRE-1212	BANA BIOLETTA 3	12	CR			-				
	GRE-48	BANA BIOLETTA 4	11	CR			-				
	GRE-4242	BLACK JACK	04				-				
	ITA-1660	6 BLUE SKY	16				-				
	TUR-1040	BOLD	15				-				

For an easier search of the boat for which a finishing time is entered, the list may be sorted by clicking on any of header items, such as Yacht Name, BowNo, or SailNo. Entered Finishing times may also be sorted by clicking on "Finish Time" that visually separates boats that have finished from those still racing.

Scoring abbreviations such as DNS, DNC, DNF, BFD, UFD etc... are entered in the "Finish" column and any scoring penalty as defined in RRS 44.3(c) may be entered in the "Penalty" column:

Event	ORC European Chan	npionsh	nip 2016			Class	Class AB (AB)			
Title	Race 9 - Windward/Lee	eward				Course	AB-P9			\sim
Start Time	10/07/2016 14:52:00	7				Distance	5.76			
Coefficient	1.00	_					Discardable	Provisional F	Results	
Scoring	PCS - Constructed Cou	urse			~					
Start & Fir	nish									
SailNo	Yacht Name	BowNo	Division Id	ToD	ToT	Finish	Finish	Elapsed	Corrected	Delt
ISR 1	AFRITA	07				OK	+0 15:49:24	0:57:24	00:50:29	
GRE-8	ALSOUMA-Allianz	29				UK	10 15:53:37	01:01:37	00:50:57	
GRE-157	7 ARGO 1	13	CR			OK	+0 15:54:24	01:02:24	00:52:22	
GRE-155	ARISTOTELIS	24	CR			OK	+0 15:49:50	00:57:50	00:48:12	
GRE-121	2 BANA BIOLETTA 3	12	CR			OK	+0 15:50:08	00:58:08	00:50:35	
GRE-48	BANA BIOLETTA 4	11	CR			OK	+0 15:50:47	00:58:47	00:51:30	
GRE-424	2 BLACK JACK	04				OK	+0 15:42:53	00:50:53	00:46:45	
ITA-1660	D6 BLUE SKY	16				OK	+0 15:48:49	00:56:49	00:46:50	
TI ID . 104	BOID	15				OK	+0 15:49:06	00:57:06	00:49:10	

Once all finishing times are entered the race may be saved with a click on the "Save" button on the menu on the left while clicking on "Score" will produce race results:

	Save	Event	ORC Euro	opean Char	mpionsh	ip 2016			Class	Class AB (AB)	
	×	Title	Race 9 - V	Vindward/Le	eward				Course	AB-P9	
/	Cancel	Start Time	10/07/201	16 14:52:00	7				Distance	5.76	
C	Score	Coefficient	1.00		_					Discardable	Provis
	Results	Scoring	PCS - Con	istructed Col	urse			~			
	畲	Start & Fir	hish								
	Delete	SailNo	Ya	cht Name	BowNo	Division Id	ToD	ToT	Finish	Finish Time	Elap
	Scratch	GRE-76R	BULLE	त	01		468.1		OK	+0 15:36:56	00:4

If there are more classes racing on the same area or finishing at the same finishing line it may be useful to enter finishing times for more classes from the same list of boats. This is made possible by activating "Multi-Class finish".

To do this, classes first need to be selected from the "Class & Races" tab at the main screen by clicking on the Race and the class and confirm it by clicking on "Select for multi-class finish." Selected classes will then be shown in green. When all classes are selected the file needs to be saved with a click on the "Save" button and a click on "Multi-class finish" will create a list for entering finishing times for those classes.

Using Multi-class finish will also give additional search tools for finding boats for which finishing times are entered by typing the field on which the Finishing list is sorted. For example, if the list is sorted by Yacht Name, typing "M" will move to the first boat with a name starting with the letter "M"; a complete boat name may also be typed.

			-			Rac	ces					
Search	TED 1 AEDITA							F	Race Name	Start Time	Class Id	Distance
Einich Time	14:20:34 07/07/201	c		~			3 1	Race 2 - Wind	dward/Leeward	07/07/2016 13:11:00	AB	6.40
	14:20:34 07/07/201	.6	30 4	~								
Finish Type	OK 🗸											
Finish List												
SailNo	Yacht Name	BowNo	ClassId	Division Id	Finish			Finish Time	Elapsed	Penalty	Rem	arks
ISR 1	AFRITA	07	AB		OK		+0	14:20:34	01:09:34			
GRE-8	ALSOUMA-Allianz	29	AB		OK		+0	14:25:32	01:14:32			
GRE-42	MY WAY	25	AB		OK		+0	14:20:32	01:09:32			
GRE-44	MELITI IV	21	AB		OK		+0	14:18:34	01:07:34			
CUD AC	TRANEY	0.0	40	00	000	1		14.10.40		1		

There is also a button (or F5 as a shortcut) to enter the finishing time from the computer's clock. This is useful for the race committee at the finishing line by simply pressing F5 when a boat is crossing the finishing line.

When all race results are entered the overall results may be produced by clicking on "Results" on the menu on the left side at the main page:

ORC Scorer - [Event C:\ORC Software\ORC Scorer\Euro2016\euro2016.orcsc]

🖌 File	Wi	indow	/											
Save	Na	Name		ORC European Championship 2016										
	Fo	Folder		C: ORC Software ORC Scorer Euro2016										
Save As ×	Fleet Classes & Races Courses													
Cancel		Sa	ailNo	Ya	acht Name	Bow#	ClassId	Division Id	LOA	CDL	GPH	OSN	1	
Add	•	TUR-	3512	IZMIR YEL	KEN	49	с		10.150	9.008	616.0	598.9		
E.		ITA-3	891	MORGAN I	[V	34	AB		11.820	9.857	600.3	584.4	Ī	
Entry List		TUR-	1040	BOLD		15	AB		10.970	10.950	544.3	528.4	ł	
		GRE-	1265	TAMUMM		56	С		9.435	9.000	596.8	582.2	:	
		BUL 1	1991	LZ Yachtin	g 1991	48	С	8	10.600	9.248	604.4	589.0	Ī	
		EST-	774	SUGAR		61	С		10.300	8.827	624.6	607.7	1	
		EST 6	646	KATARIIN	A II	55	С		10.405	9.075	628.7	609.6	Ī	
Results		TUR-	7400	CILGIN SIG	GMA	09	AB		12.411	11.281	528.8	515.5	Ī	
I		TUR 1	010	KARAVIDA		50	С		10.150	9.076	613.0	595.4		
Update		TUR-	471	GORBON E	BLUE MATRIX	51	С		10.150	9.046	615.7	597.8	T	
T		GRE-	4242	BLACK JAC	СК	04	AB		12.790	12.285	500.1	486.8	I	
rint Setup		ITA-1	6639	SCUGNIZZ	A	40	С		11.410	9.488	621.0	602.2	Ī	
		TID	0020	CHAR CHU	VA TT	41	C		10 617	0 250	611 4	502 1	Г	

Note: Whenever any of the functions described are not active (shown in grey) remember to Save the file before continuing what will make that field active.

6. Customizing printouts

All printouts such as Entry list, Race Results, Event Results, Scratch Sheet and Time Limits may be customized by selecting the fields to be shown from the "Print Setup" menu on the menu on the left of the main page

1	Vame ORC European Championship			0 20 16			
Folder		C: C	DRC Software ORC Scor	er (Euro20	16		
	Fleet Clas	sses 8	Races Courses				
8	SailNo		Yacht Name	Bow#	ClassId	Division Id	
	TUR-3512	IZ	MIR YELKEN	49	С		
	ITA-391	M	ORGAN IV	34	AB		
5	TUR-1040	BC	DLD	15	AB		
1	GRE-1265	TA	MUMM	56	С		Print Setup
	BUL 1991	LZ	Yachting 1991	48	С		i nine beeup
CS	EST-774	SU	IGAR	61	С		
	EST 646	KA	TARIINA II	55	С		Logo (left)
	TUR-7400	TUR-7400 CILGIN SIGMA		09	AB		3- (4
	TUR 1010	KA	RAVIDA	50	С		ncth.png
-	TUR-471	GC	ORBON BLUE MATRIX	51	С		
	GRE-4242	BL	ACK JACK	04	AB		
1D	ITA-16639	SC	UGNIZZA	40	С		Logo (center)
aos			K SHUKA II	41	С		
ant	Posulte		TLANA	59	С		sclogo.png
ent	Results		KEN	70	С		
ice F	lesults	>	EGORIA	45	С		Lana (right)
try I	ist		IIDA	43	C		Logo (right)
mel	imits		NTES	75	С		PC loss ins
			JINOX	68	С		PC_jog0.jpg
ratc	h Sheet		LLAX	65	С		
	GRE-74	BA	XIMUS	78	С		
	ROU 410	Sin	nina	22	AB		

Up to three logos may be uploaded as .jpg or .png files to be shown in the middle and on the left and on the right side on the top of each printout.

For Entry List, Race Results, Event Results, Time Limits and Scratch Sheet all columns may be selected or un-selected as visible with the Title edited, and Alignment set as (L)eft, (C)enter or (R)ight. Using the Up and Down arrows order on the columns shown in the printouts may also be edited.

Title Results				
Columns				
Fieldname	Visible	Title	Alignment	1
Position		Rank	(R)ight	- 1
YachtName		Yacht Name	(L)eft	
SailNo		Sail No	(L)eft	
BowNo		Bow	(L)eft	
YClass		Туре	(L)eft	
Owner		Owner	(L)eft	
Skipper		Skipper	(L)eft	
Nation		Nation	(L)eft	
				•

Finally, by clicking on "Defaults" all printouts will reset to defaults set up by the software ignoring any changes made.

7. Publishing results on the internet

One of the unique features of the ORC Scorer software is the possibility to upload all results on the internet and create a web page containing entry lists, scratch sheet, race results and event results with just one click. To use this option, the user needs to be registered for the ORC Sailor Services (<u>www.orc.org/sailorservices</u>) and to enter their credentials under the main menu: File – ORC Sailor Services Setup:

File	Window		Internet Options
ia	New Event Open Event Recent Files	Ctrl+N Ctrl+O > :	ORC Sailor Services E-Mail or Username
-	ORC Sailor Services Setup Check RMS	Ctrl+Alt+R	V OK X Cancel

After the ORC Sailor Services credentials are entered, clicking on "Upload and publish event results on ORC Sailor Services website" will create a page with links to complete results, including the entry list and scratch sheets with links to that page shown below the upload button:

Title				D Up	load and publish event results on ORC Sailor Services websi	te
Venue						
Organizer				Folder	D: Documents Stazze ims Scorer Euro2016	
Start	~	End	~			

That link may be given to the organizer to set it up on the event's website with Results re-directing to the ORC Scorer Event Page

ORC Scor	rer Event				Ø RC	world leader in	rating technology
ORC		D-Marin C	CHARN ORC MARN ORC SIBENIK CROATI DRC World Sibenik 31/5/2019	Champion , Croatia	ship 2019	VALŠIBENI	SAILING CLUB
Class A			51,5,2015	0,0,2015			
Entry List	Scratch Sheet PCS Coastal/Long D	t Scratch Distance Windward/	Sheet Leeward				
Race 1 Results Scratch Sheet	Race 2 Results Scratch Sheet	Race 3 Results Scratch Sheet	Race 4 Results Scratch Sheet	Race 5 Results Scratch Sheet	Race 6 Results Scratch Sheet	Series Results Overall Corinthian (CR)	
Class B							
Entry List	Scratch Sheel PCS Coastal/Long D	t Scratch Distance Windward/	Sheet Leeward				
Race 1 Results Scratch Sheet	Race 2 Results Scratch Sheet	Race 3 Results Scratch Sheet	Race 4 Results Scratch Sheet	Race 5 Results Scratch Sheet	Race 6 Results Scratch Sheet	Race 7 Results Scratch Sheet	Series Results Overall Corinthian (CR)
Class C							
Entry List	Scratch Sheet PCS Coastal/Long D	t Scratch Jistance Windward/	Sheet Leeward				
Race 1 Results Scratch Sheet	Race 2 Results Scratch Sheet	Race 3 Results Scratch Sheet	Race 4 Results Scratch Sheet	Race 5 Results Scratch Sheet	Race 6 Results Scratch Sheet	Series Results Overall Corinthian (CR)	
All times GMT+02	Last update	11/06/2019 18:0	1:32				

Whenever any change on the results is made and races are re-scored just click on this button and all pages will be automatically updated.

ORC Scorer Step by Step Guide





Notes:

Printouts may be customized under "Print Setup" on the main menu on the left

Whenever any filed in the software is inactive (grey) remember to Save the file before continuing.