



World Leader In Rating Technology

**Annual General Meeting held in
Puerto Vallarta, Mexico on 8th November 2017**

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MINUTES of the Annual General Meeting of the Offshore Racing Congress, Ltd. held at 11:30 on 8th November 2017 in Puerto Vallarta, Mexico

Congress Members Present:

Bruno Finzi (Chairman)	Italy	Noboru Kobayashi	Japan
Wolfgang Schäfer (Deputy Chair)	Germany/Austria	Patrick Lindqvist	Finland
Jose Frers (Deputy Chair)	Argentina	Alessandro Nazareth	Italy
George Andreadis	WS/Greece	Thomas Nilsson	Norway
Don Genitempo (Hon. Treasurer)	USA	Ab Pasman	The Netherlands
Steve Benjamin	USA	Michael K. Quist	Denmark
Thomas Blixt	Sweden	Glen Stanaway	Australia
Per Boeymo	Norway	Peter Tjalma	The Netherlands
Bojan Gale	Slovenia	Ecky von der Mosel	Germany
Luc Gelluseau	France	Roy van Aller	The Netherlands
Zoran Grubisa	Croatia	Zvi Ziblat	Israel

Alternate Members:

Glen Stanaway subs. David Lyons (AUS)	Bruno Finzi subs. Lazaros Taslikis (GRE)
Eva Holmsten subs. Sverre Ellinsen (NOR)	George Andreadis subs. Ioannis Kalatzis (GRE)
Egon Elstein subs. Veiko Rosme (EST)	Noboru Kobayashi subs. Makotu Uematsu (JPN)

Apologies for absence:

H.M. King Harald V of Norway, Hon. President	Michel Korneszczuk	Poland	
Vassiliy Alekseev	Russia	Roberto Peschiera	Peru
Rafael Bonilla Paz	Spain	Daniel Pillons	France
Gabor Csernussi	Hungary	Christian Plump	Germany
Ivan Drinkovic	Croatia	Yooj Yaehoo	Korea
Bruno Frank	Switzerland	Antonio Roquette	Portugal
Paulo Freire	Brazil	Gerd Schmiedleitner	Austria
Joaquin Holzapfel	Ecuador	Toni Tio Sauleda	Spain
Andrew Hurst	UK/RORC	Henk Sol	Netherlands
Magdalena Maria Ion	Romania	Makoto Uematsu	Japan
Gary Jobson	World Sailing	Godwin Zammit	Malta
Phillip Haggerty	Canada	Alessandro Rinaldi	Italy

Officers present:	Vivian Rodriguez	Secretary
	Nicola Sironi	Chief Measurer

Observers:

Matt Allen	Australia	Bjorn R. Johnson	USA
Ernesto Amtmann	Mexico	Joachim Majander	Finland
Stacey Clark	United Kingdom	Dan Nowlan	USA
Lance Burger	South Africa	Fabrizio Pirina	Italy
Dobbs Davis	USA	Edoardo Recchi	Italy
Hans Drakenberg	Sweden		

1. CHAIRMAN'S REPORT

Bruno Finzi reported that the ORC system had another good year in 2017, with an overall increase in numbers of ORCi certificates and only slight decreases in ORC Club and ORC Superyacht certificates for an overall small increase in total number of certificates to being **over 10,000 once again for 2017**. The number of boats issued certificates has also increased to being **over 9000 for the first time ever**. This makes ORC **the most popular measurement-based rating system in the world**.

Developments for ORC this year include a steady number of rating offices, certificates, boats and participants using ORC rating systems for 2017.

The 2009-2017 fleet statistics are shown in Appendix A and in detailed certificate statistics for 2017 in Appendix B: at the end of 2016 there were 10124 certificates issued to 8913 boats, and through the end of October 2017 there were 9916 certificates issued to 8897 boats. Using estimates of previous years statistics for November and December, ORC estimates a projected total of certificates similar to the end of 2016 (>10,000) to be issued to over 9000 boats, representing a 1% increase in boats over 2016.

ORC Club and ORCi remains strong in most countries – those that have the largest number of ORC boats and certificates include ITA, NOR, ESP, NED, GRE and GER, with significant increases noted in AHO, BUL, FRA, HKG, RUS, RSA, UKR, and USA. AHO and HKG are new countries with boats receiving ORC certificates. The Central Rating office has hired a new staff member, **Alberto Pindozi**, and measurement and rating office seminars were held in five countries in the last year: AUS, CAN, POL, RSA and SWE.

ORC this year has continued to assist the SuperYacht Racing Association (SYRA) in administering, developing and refining the **ORC Superyacht Rule** (ORCs_y), with a slight decrease in boats and certificates from 2016 due to the split of SY fleets between the Caribbean, USA and the Mediterranean. ORC gave full support to SYRA in 9 regattas in 2017, with only 6 planned so far for 2018 due to the storm damage in the Caribbean. The rule continues to enjoy widespread acceptance and is under continual development lead by a technical sub-group of the ORC staff.

This year one of two ORC annual championship events set new attendance records. The **2017 ORC World Championship Trieste** hosted at Porto San Rocco by a consortium of clubs in Trieste, Italy attracted 116 teams from 19 countries, and the **Dr Irena Eris ORC European Championship** organized by the Pomeranian Sailing Federation in Gdnask, Poland drew a record 83 entries from 11 countries. The demand for hosting future ORC championship events remains strong, with bid proposals and expressions of interest received from prospective hosts located both in Europe and the USA for as far in advance as 2020.

Next year the **2018 Offshore Sailing Worlds** will be organized by ORC, RORC and a local organizing committee in The Hague, Netherlands and held over **12-20 July**, the **2018 ORC European Championship** will be hosted by the Famagusta Nautical Club in Limassol, Cyprus and held over **8-15 September**, and a **2018 ORC European Sportboat Championship** is planned for Portopiccolo, Sistiana, Italy over **29 May – 3 June**.

Growth of use of ORC systems is mostly in new regions – such as the Caribbean, USA and South Africa – and has been mostly in ORC Club-level fleets, however the USA issued more than 5 times the number of ORCi certificates this year than last year (55 total). Activity in the Caribbean and southern regions of the US were suppressed by the two late summer hurricanes, yet other areas grew in numbers of fleets and regattas as well as boats and certificates. In all, a total of 19 countries held ORC National Championship regattas in 2017.

2. TREASURER'S REPORT AND AUDITED ACCOUNTS

The Honorary Treasurer, **Don Genitempo** reported. The 2016 Report and Accounts Year ended 31st December were distributed to Congress members for email approval, Since some answers were missing the Congress was asked to approve the and they were approved unanimously.

It appears that for Incomes and Expenses ORC is a little behind last year, possibly this could be corrected during the 4th quarter, and in 2017 overall there should be a moderate surplus. The budget for 2018 was updated and will be distributed to all Congress Members for approval.

Since the financial situation of the Company is in good shape, it will be proposed to Congress that levies will remain at the same amount as for the past seven years as follows:

ORC Int. certificate	70 Euro
ORC Club certificate	42 Euro
IOR certificate	42 Euro plus ORC Club certificate for free
Sportboat One Design certificate	21 Euro
Speed Guide &	
Stability Datasheet	50 Euro when issued locally
Target Speed	10 Euro
Super Yacht certificate	as per price list on the website

3. **APPOINTMENT OF HONORARY TREASURER**

The Chairman asked the Congress to reappoint for another year Mr. Don Genitempo as Honorary Treasurer. He will be assisted by **Patrick Lindqvist**, a member of the ORC Management Committee. This was unanimously approved.

4. **MEMBERSHIP OF COMMITTEES FOR 2018:**

Congress – new members

According to the number of 2016 levies, new nominations were received from **Slovenia** (Bojan Gale), **Spain** (Joaquin Barenys de Lacha), **Australia** (Glen Stanaway), **The Netherlands** (Peter Tjalma). Nominations of additional members from the following countries are still to be received: **Canada, Lithuania and Turkey.**

Changes in Membership of Committees

ITC	Javier Gonzalez-Cela Echevarria in substitution of Shaun Carkeek Matteo Polli new appointed member Zoran Grubisa new appointed member
Measurement	Zoran Grubisa becomes Chairman, Nicola Sironi Vice Chair
P&D	Luke Scott (RSA) replacing Emanuela Di Mundo

5. **REPORTS AND RECOMMENDATIONS OF COMMITTEES**

5.1 **INTERNATIONAL TECHNICAL COMMITTEE**

The Chairman **Alessandro Nazareth** reported on progress made by the ITC this year and recommendations on the Submissions presented. Details of these can be found in the ITC Committee Minutes.

Submissions:

- ITA 1 - The committee recommends leaving the use of the Implied Wind of the winning boat for the entire fleet as per ORC rule 402 as “default” method, but also to allow the option of the use of IW of each boat as performance index. If the last method will be used it needs to be included into the NoR and for the ORC Championship the “default” method shall be used.
- ITA 2 - The ITC believes that the proposed VPP changes for 2018 are moving boat ratings in the correct direction as could be seen in test runs and comparing the speed changes with real speed. Therefore, submission is not supported.
- RUS 1 - This submission is support and requirement for more dense station spacing in the aft part will be added to the IMS rule
- RUS 2 - New planned Hull measurement manual should deal with symmetry of appendages issues
- RUS 3 - The ORC programmers will study next year an LPP revision that will include the full section above the deck that will be used for stability calculations.

- RUS 4 - The submission has been withdrawn, but it was agreed also from the previous comments to include formulations how ratings for simple scoring options are calculated in the ORC Rule
- USA 1 - The ITC suggests introducing a minimum crew weight obtained by subtracting the greater of either the 25% of Declared CW or 85 kg from the Declared CW. The minimum crew weight shall be mandatory on the ORC Championship events, while other events may use it by stating it in the Notice of Race and Sailing Instructions.

Aerodynamics:

CFD modeling research by ITC member **Jason Ker** indicates generally good congruence with the ORC VPP, but some adjustment will be used in the 2018 VPP.

Hydrodynamics:

A study with 500 CFD models is also being developed by Ker to improve the 2012 ORC hydro model, and a draft will be ready for review at the next ITC meeting in March/April 2018. Induced drag on appendages was also examined and found to need adjustment in the 2018 VPP.

Foils:

A Working Group led by **Jim Schmicker** has been formed to do a proper evaluation of foils for the ORC VPP. Added resistance in waves is also a work in progress with help from the **TU Delft**.

Data Acquisition Project:

Performance data from seven planing and non-planing designs (TP 52, Melges 32, Farr 40, Ker 46, Ker 56, Maxi 72 and Wally 94) have been reviewed with **Rob Ranzenbach** coordinating the analysis with **Dimitri Nicolopoulos** of **KND**. A comparison tool is being used to help further refine the 2018 ORC VPP and future editions as more data becomes available.

Default Righting Moment:

Antoine Cardin and **Tobias Kohl** have been researching this formulation for improvement, and need another year for their research due to some reshuffling among VCG regressions in the test fleet.

Construction materials update:

In line with current boatbuilding practices, the limit to allowed modulus and post-curing temperatures of carbon fiber in ORC rule 101 will be increased in 2018 to 320 GPa and 90°C, respectively.

VPP Documentation release:

The 2018 VPP Documentation is intended to be available earlier than in past years due to new easier formatting to handle updates and corrections.

RHINO Plug-in for Offset Files:

ORC Programmer **Davide Battistin** has finished coding a new RHINO plug-in for deriving offset files from 3D surfaces, and has produced a video that explains the features of this new tool.

Research plans for 2018:

The ITC research agenda for 2018 includes the following topics: Aero CFD research completion; Hydro CFD research completion; Data Analysis with addition of boats that could cover all the characteristics of the ORC world fleet; Foils assessment; and Default RM formulation.

ORCsy Update:

A list of 17 recommendations to improving the ORCsy rule are listed in the ITC Minutes, and a discussion to offer a 4-blade PIPA option in ORCi was rejected in favor to use the current 3-blade option.

All recommendations of the International Technical Committee were approved unanimously by the Congress.

5.2 RATING OFFICERS COMMITTEE

The Chairman **Zoran Grubisa** reported that the Rating Officers Committee discussed submissions regarding the changes of the ORC Manager software and ORC Certificate printouts. Both submissions are supported in principle. Therefore the committee proposed to the Congress to approve:

- Modifications for the administrative part of the ORC Manager software as requested by the German RO
- Addition of the HHW measurement on sail graphics on ORCi and ORC Club certificates

Both proposals are subject to the review from the ORC programmer who can make final decision based on the technical limitation of its application, if any.

All the recommendations of the Rating Officers Committee were approved unanimously.

5.3. MEASUREMENT COMMITTEE

The Chairman **Nicola Sironi** reported that at the **ORC Worlds in Trieste** and **ORC Europeans in Gdansk** a team of 11 measurers performed pre-race checks and post-race measurements for the first place boats, which was possible in Trieste due to the calm weather but more difficult in Gdansk due to persistent rain.

Technical Committees at both events were chaired by Zoran Grubisa, and the web-based systems introduced last year were successfully used for reservations of measurement checks slots, and to complete sails inventories.

In the post-race checks performed on several leading boats none were found outside the tolerance, but 3 at the Worlds and one at the Europeans had their certificates recalculated, with all found to be within the 0.1-0.25% rating tolerance range.

Hull Measurement: 3D scan vs manual Total Station: The use of 3D scanners has expanded, and tools to improve the quality of OFF files extracted from clouds, and to simplify the process these are being developed by the ORC staff, so the requirement of having scan data clouds processed by the ORC staff remains unchanged. The use of the Total Station remains, and a boat has been measured in Poland using the Leica 3D Disto equipment.

Boom inclining new software: Joakim Majander has produced new software for his JM inclinometer dedicated for boom inclining, which is very useful to avoid errors and misinterpretations. It was agreed to make it available from a dedicated section of the ORC website.

Sail Stamps / Inventories: The Committee supports the idea of joining the World Sailing IHC system, with the provision of setting up a database with individual sails measurements, that can be accessed by various Rating Systems.

This was approved by Congress, with one abstention.

Submissions:

- GER 1 - Hull measurement costs: this is not supported, because the best recommendation is to try to persuade the builders to have the boat measured instead of charging an individual owner of a cost whose benefits will go to other owners.
- GER 4 - Freeboard measurement on wide boats: Not supported because the proposed solution is to establish on new wide boats the freeboard points on the centerline, so avoiding any rolling effect, as it is done on an increasing number of new boats.
- NED 3 - Validity of floatation measurement: The submission is not supported because in recent Championships no boats had floatation dates of more than 5 years.

- RUS 1 - Station Spacing: Submission is supported, see ITC section.
- RUS 2 - Symmetry of Appendages: Submission is supported, see ITC section.
- RUS 3 - Top points: Submission has no measurement relevance, see ITC section.
- SUI 1 - Sportboat weights: Weighing of Sportboats is already in the Sportboat Rule. It is however a double-check, because the weight only is not sufficient to determine the correct trim. Submission is not supported

Outboard engine stowage: The Committee discussed this at length, concluding that the outboard engine can be stowed while racing, properly secured, in the cabin floor, even in absence of a dedicated compartment. Its weight and position are to be recorded in the Measurement Inventory, but cannot be placed forward of the mast.

Trim change checks: The Committee recommends the implementation of a comparison between boats using the same freeboard points in the OFF file, or of the same boat as a consequence of modifications, calculating the net difference of weight, VCG and LCG, to validate measurements.

All the recommendations of the Measurement Committee were approved unanimously.

5.4 **SPECIAL REGULATIONS COMMITTEE**

See WS Special Regulations minutes.

5.5 **OFFSHORE CLASSES AND EVENTS COMMITTEE**

The Chairman Bruno Finzi, substituted for **Paolo Massarini** in the meeting reported:

Reports of 2017 Championships: Both the Trieste Worlds and Gdansk European championships were very successful in terms of participation with 116 boats from 19 countries at the Worlds and 82 from 11 countries at the Europeans. Full reports are available in the Committee minutes. The ORC Sportboat European Championship planned to be held in Riga, Latvia had to be cancelled due to low number of entries.

Report of Superyacht 2017 events: The 2017 season has been another great success with nine events attended by the ORCsy team with a lot of satisfaction and positive responses by the Event Organizers, competitors and the SuperYacht Racing Association managers.

The number of certificates issued in 2017 has been slightly lower than 2016, probably due to the calendar of events being very crowded and the clashes between some events in the Mediterranean area with some other new events. The number to date is 109 of which 68 are active and 41 re-runs.

During the season a letter inviting the “declared” yachts to go through the full measurement process has been sent and this should help in the goal of having an even more transparent rule as welcomed by all final users.

Submissions:

- GER 2 - Certificate deadline for the championship: Supported and Standard NoR to be amended.
- GER 3 - Switch between classes: No change needed since the Standard NoR covers this
- GER 6 - Positions of crew on rail: The recommendation is to update of the Standard Sailing Instructions by amending RRS 49.2 and clarifying the term “sitting on the deck.”
- SUI 1 - Determination of weight of Sportboats: Submission is not supported since check of displacement by weighing is already prescribed for ORC Sportboat Championship events in the ORC Sportboat Class Rules.

Green Book update:

The ORC Green Book has been updated by the working party and published with the other 2017 rules. The Standard Notice of Race and Standard Sailing Instructions may be updated for 2018 but only as “housekeeping” items from the experiences of 2017 events.

Report from WP ORC/RORC on 2018 The Hague Worlds

ORC Representatives in the Working party reported about progress in organization of the 2018 Offshore Worlds as follows:

- Notice of Race was published on 19th September and already 104 boats are entered with more expected by the entry deadline that was agreed to be anticipated from 1st June to 1st May 2018
- Boats need to have ORC International and IRC Endorsed certificates
- Double scoring method is accepted as supported also by the ITC
- Technical working party between ORC and RORC will meet in November in UK

Calendar of future events:

Offshore Worlds 2018 - See Item 6 above

ORC European Championship 2018:

Awarded last year to Limassol, Cyprus, event will be held 8 – 15 September 2018.

ORC Sportboat European Championship 2018:

Bid was reviewed and supported from Portopiccolo, Sestiana, Italy and Committee recommends to the Congress to award them the ORC Sportboat European Championship 2018.

ORC World Championship 2019:

Bids for this championship were received from: Mahon (ESP), Porto Carras (GRE), Palermo (ITA) and Šibenik (CRO). Due to a lack of details for some of the bids that must be clarified up with the bidders and not knowing the status of possible combined ORC/IRC World Championship in 2019, the committee deferred its final decision to December by an e-mail vote. A preliminary poll was made among committee members with majority of votes given to Mahon (ESP) and Šibenik (CRO). ORC Chairman will try to clarify situation with possible combined championship in 2019 and its effect to the selection of the venue. Further details will be presented to the committee by e-mail before final vote is made.

ORC European Championship 2019:

The committee recommends to the Congress to award ORC European Championship to Oxelosund, Sweden to be held from 11 – 17 August 2019.

World Championship 2020:

New York Yacht Club presented a bid to host combined ORC/IRC championship in 2020 in Newport, Rhode Island. Even though decision of venues for the 2020 championships will be made at the 2018 AGM, the committee thanks NYYC for a very well-prepared bid.

Organization of the committee:

It was noted that members of the committee that are not active for more than 2 years will be asked again to confirm their wish to continue to serve in this committee. In case of negative answer or no answer they will be removed from the committee.

Other business:

The ORC Chairman informed the Committee that as a result of the protest hearing under RRS 69 based on allegations of the gross misconduct presented by boat “Katariina II” and the ORC, the boat “Scugnizza” was disqualified in all races of the ORC European Championship 2016 and the title awarded to “Katariina II” (EST) with “Sugar” (EST) on 2nd place and “Baximus” (GRE) on 3rd place.

All the recommendations of the Offshore Classes and Events Committee were approved unanimously.

5.6 RACE MANAGEMENT COMMITTEE

Ecky von der Mosel reported about the steps forward taking in writing an ORC Race Management Guide. It will be addressed to those who are starting to work with our scoring system. A draft was written by Dobbs Davis and Zoran Grubisa of the Promotion and Development Committee. Contributions from Members of the working group and from the staff were implemented.

The structure of the guideline was fixed by collecting the main topics: Overview, Event Structure, Race Management best Practices, Scoring, Technical Matters and Information Management. The RMC was asking the Management Committee and the staff to support the work in order to finish and publish this guideline by 31 March 2018.

5.7 PROMOTION AND DEVELOPMENT COMMITTEE

The Chairman **Dobbs Davis** reported that the Committee asked to add one new member, **Luke Scott** from RSA.

The Committee's one Submission related to developing a more updated and mobile-friendly website, and the Committee supports this Submission and has agreed to research the options to achieve this after an analysis of current mobile users and appropriate costs.

With only small overall growth noted in recent years, new markets will be targets for promotion efforts, with 'ambassadors' cultivated in local markets and fleets to assist not only in promotion but also in measurement working closely with the MNA. Presentations and seminars will continue in venues close to the ORC Championship events, as well as in these new areas.

Existing publications such as the ORC Guidebook will be refreshed for 2018, and a new Race Management Guidebook launched in the new year as well. This Guidebook will likely be divided into a Simple Guide for new users and a more complete guide for advanced users, which includes the documentation for the ORC Scorer software.

The staff will work with the ORC programmer **Panayotis Papapostolou** in offering new features such as an online comparison tool to compare ratings and other features on ORC certificates and can also be used in creating online scratch sheets.

More social media content will help build greater presence to the ORC audience, and web stories are urged to be redesigned for more visual impact, if not a complete re-design of the site itself. Translations will be sought for multiple languages for digital editions of current materials.

Research will be made on the possibility of introducing a new entry-level system for local areas where there are casual non-racing sailors.

Complete details of the PDC meeting are available in its Minutes.

All the recommendations of the Promotions and Development Committee were approved unanimously.

5.8 MANAGEMENT COMMITTEE

Management Committee Chairman Bruno Finzi reported the following:

World Sailing:

Submission 109-17 would proceed with a friendly amendment as agreed with the RORC Admiral, and that discussions would be made with WS regarding their view of the future of Offshore Sailing. And ORC would seek an active leadership role in continued development of the Universal Measurement System (UMS).

Submissions:

- GER 1 - Hull measurement costs: ManCom agrees with Measurement Committee to study how to invest in measurement of first hull of a new design.
- GER 6 - Crew position hiking: Not supported because the position of crew on the sheerline is already accounted in the VPP.
- ITA 1 - Implied Wind - Management supports that among the scoring options use of a fixed implied wind for PCS scoring will not be mandatory.
- ITA 2 - Resistance in waves: ManCom supports ITC research and also stability of the rule system.
- ITA 3 - CDL subdivisions: ManCom supports divisions outlined in the Green Book once new VPP is released.
- NED 2 - Sail dimensions in Sailor Services: ManCom supports this request pending technical staff review.
- NED 3 - Flotation validity: The submission is supported, acknowledging that it is limited to ORC Championships, and does not apply to the general ORC fleet. Therefore it shall be included in the Green Book only.
- USA 1 - Mitigating effects of reduced crew weight: ManCom supports the submission with direction to ITC to select a small percentage reduction so as not to encourage rule exploitation.

Sailor Services:

Sailor Services had a small decrease compared to the previous year but still well above 2015 numbers. Final numbers will likely increase by the end of the year.

Fleet statistics:

These are summarized in the detail in Appendix A and are depicted graphically in the Chairman's Report.

SuperYachts:

Management continues to support the ORC activity with SY as crucial as well as promotional for our other rules. The treasurer presented an analysis of ORCs costs estimating the 4th quarter expenses and noted a moderate deficit for the 2017 but needs to be checked with ORCs manager Paolo Massarini. New fees for certificates have been proposed by the ORCs staff and agreed by the Management and will be in force starting 1st January 2018. A list of 12 ORC approved measurers for Super yachts around the world was also proposed and approved.

ORC Scorer software:

The new ORC Scorer software has been used in the ORC Worlds and the ORC Europeans. A list of improvements and updates is to be delivered by the end of the year together with a proper manual that can then be officially released. One of the most important features will be the availability of software to create a web page with all the results uploaded with single publish button and to keep a database of all events and all results scored with the ORC Scorer.

Development of a completely web-based race management and organization system was discussed where the existing system used for the 470 Class was found as the best option that may be customized for ORC needs. The staff will work on a detailed proposal of how this system may be used for future ORC championships, with a test made during ORC Europeans 2018 Cyprus.

ORC Publications and Website:

See minutes of the Promotion and Development and Race Management Committees.

WP with RORC in combined WC in Holland:

ManCom notes the progress being made in organizing the 2018 Offshore WC and efforts made by the Working Party to secure appointments for the Jury, Race Committee, Technical Committee and other positions, although to date these positions are not yet agreed with the Dutch organizers.

Other business:

The Chairman suggests ManCom consider a restructuring to allow for more efficient management of the productive roles of staff members, along with consideration of a restructuring of the Congress and Committees so that greater participation can be achieved even when AGM's are held in regions where federations do not support travel expenses.

Pepe Frers suggested appointment of a Latin American Chief Measurer, namely **Patricio Gutierrez**, who is making a fantastic job in South America and could be the reference for all other South American Measurers.

A small budget to renew/update the ORC image and to grow ORC social media presence was approved.

All the recommendations of the Management Committee were approved unanimously.

6. CALENDAR FOR 2016 – MEETINGS AND EVENTS

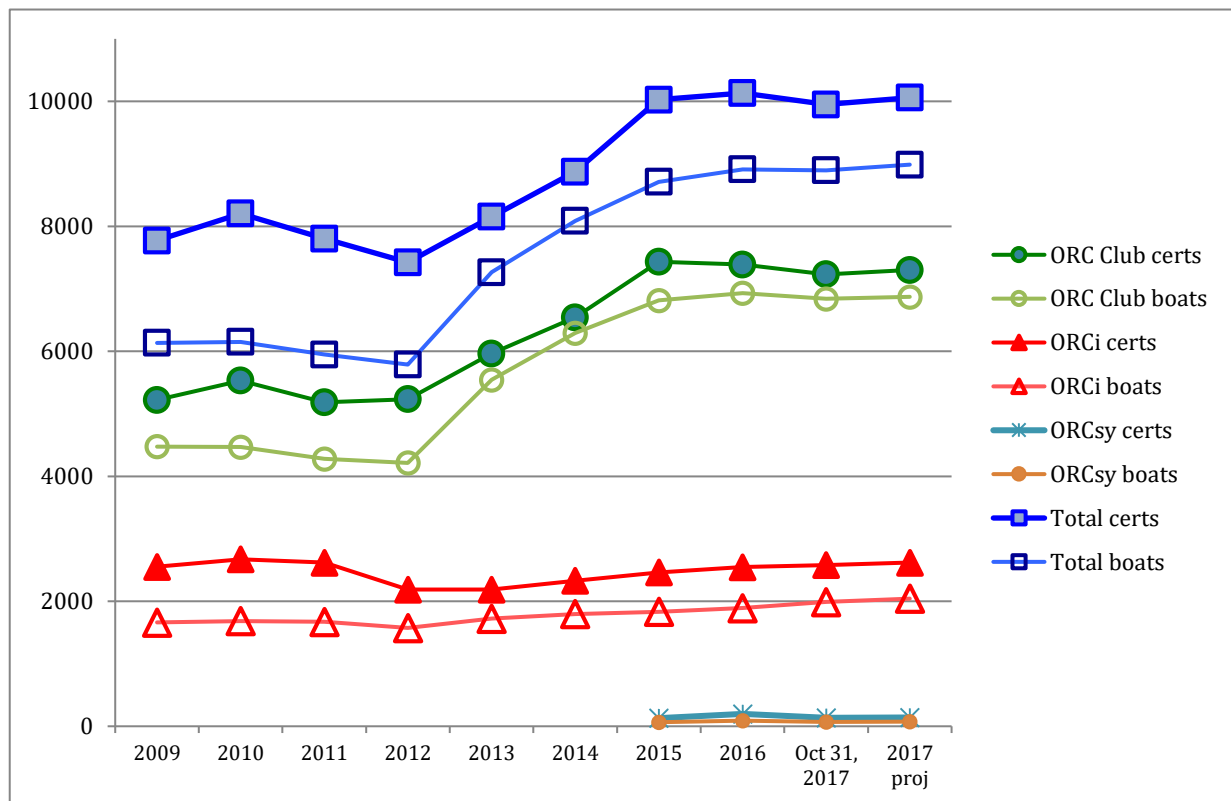
The next ITC meeting is to be held in Athens in prior to the ManCom meeting.

Staff meetings will continue through a final one in mid-December to finalize the delivery of ORC rules in 2018.

The next ManCom meeting is scheduled to be held in **Athens** by kind invitation of **George Andreadis** on **14th and 15th April**.

The next **Annual General Meeting** will be held in **Sarasota, Florida, USA**. Dates to be confirmed.

APPENDIX A – FLEET STATISTICS 2009 – 2017



APPENDIX B – DETAILED FLEET CERTIFICATE STATISTICS 2017



FLEET STATISTICS - 2017

	1st QT		2nd QT		3rd QT		4th QT		31.10. 2017		Compare 02.11.2016
	Club	Int	Club	Int	Club	Int	Club	Int	Club	Int	
AHO	42	0							42	0	42 0
ARG	52	22	13	6	3	4			68	32	14 -9
AUS	5	13	3	25	37	72	1	14	46	124	-27 -1
AUT	9	2	24	6	4	1			37	9	1 4
BRA	0	33	0	11	0	19	0	6	0	69	0 -4
BUL	41	4	19	1	17	0			77	5	69 2
CAN	38	0	33	2	6	0	2	0	79	2	-6 1
CRO	98	11	60	22	28	8	7	9	193	50	-4 -1
CYP	2	1	19	5	6	0			27	6	-3 3
DEN			0	4	14	10			14	14	14 -22
ECU			0	26	0	7	0	1	0	34	-1 2
ESP	348	347	189	223	120	174	22	25	679	769	-30 23
EST			45	9	14	12			59	21	-7 7
FIN	2	0	12	43	3	9	1	1	18	53	7 -12
FRA			243	2	44	5	15	0	302	7	37 1
GBR	23	1	18	0	6	0	1	0	48	1	-7 0
GER	2	2	418	202	67	29	1	5	488	238	23 16
GRE	141	34	355	99	58	10	17	10	571	153	25 -25
HKG			1	0	12	0			13	0	13 0
HUN			19	0	3		1		23	0	-17 0
ISR	38	0	18	0	11	0	7	0	74	0	-8 -2
ITA	500	263	410	307	156	50	97	56	1163	676	-49 54
JPN	5	3	36	2	7		2	1	50	6	-3 3
KOR	8	0	8	0	8		16		40	0	4 0
LAT			2	0	1	2			3	2	0 1
LTU			29	5	38	2	2	1	69	8	2 4
MLT			1	0	3		12	4	16	4	-2 3
MNE	2	0	3	0	8				13	0	1 0
NED	864	24	160	23	49	1	18	2	1091	50	-22 23
NOR			1160	15	152	13	2	0	1314	28	-166 -25
PER	5	5	4	15	0	8	0	4	9	32	0 -10
POL	1	0	22	27	19	7			42	34	-32 12
POR	26	12	15	2	18	8			59	22	-4 14
ROU			30	15	5	7			35	22	-15 6
RSA	75	0	2	0	22	0	14	0	113	0	84 0
RUS	5	1	42	10	48	4	0	1	95	16	10 4
SLO			3	15	4	3			7	18	-6 5
SUI	49	0	111	0	14	0			174	0	10 0
SWE			3	38	0	9			3	47	-5 -26
TUR	14	1	15	1	2	0			31	2	10 -7
UKR	0	1	32	1	28	1			60	3	11 0
USA	32	10	34	30	24	5	11	10	101	55	-20 45
	2385	790	3611	1192	1059	480	249	150	7304	2612	-99 89
		3175		4803		1539		399		9916	-10