

Special Regulations Sub-committee Minutes



The Special Regulations Sub-committee met at 09:30 – 16:10 hours on Tuesday 7 November 2017 at the Sheraton Buganvilias Resort, Puerto Vallarta, Mexico.

Please refer to the World Sailing website www.sailing.org for the details of the submissions and supporting papers on this agenda.

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Submissions with the prefix 'SR', the final decisions on these were made by the Oceanic and Offshore Committee held on the 9 November 2017 which, on behalf of Council, approves changes to the Offshore Special Regulations.

Present:

Will APOLD (CAN) – Chairman

Sally HONEY (USA)

Per BØYMO (NOR) – ORC Representative

Glen STANAWAY (AUS)

James DADD (GBR)

Roy van ALLER (NED)

Christophe GAUMONT(FRA)

Apologies:

Boris HEPP(GER) – Vice Chairman

Others Present:

Simon FORBES (Technical and Offshore Manager)

Gary Jobson (USA) Vice-President

Carlos DE BELTRAN(Head of Technical and Offshore)(part)

Stuart CARRUTHERS (GBR) Chairman Int. Regs

Norbert MARIN (Technical Specialist)

Stan HONEY (USA) Chairman Oceanic & Offshore

1. Opening of the Meeting

The Chairman welcomed members and observers to the meeting. Vice-President Gary Jobson highlighted that in a sport with fast developments World Sailing needs to make sure the sport is safe. The Executive Board are working a Safety Panel for incidents across the sport. He welcomed Carlos de Beltran as the new Technical and Offshore Director.

2. Minutes of the Previous Meeting

(a) Minutes

The minutes of the Special Regulation Sub-committee meeting of 8 November 2016 were noted as a true record.

(b) Minutes Matters Arising

There were no matters arising not otherwise on the agenda.

3. Special Regulations –Submissions

(a) OSR 1.03.1 Definitions - GPIRB

Submission SR01-17 from US Sailing was received to delete the term 'GPIRB'.

On a vote of 7 in favour, 0 against and 0 abstention, SR01-17 was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve

Oceanic and Offshore Committee Decision: Approved

- (b) OSR 2.04.1 General Requirement

Submission SR02-17 from US Sailing was withdrawn.

- (c) OSR 3.03.1 Hull Construction Standards (Scantlings)

Submission SR03-17 from Chairman Special Regulations Sub-committee was received regarding 3.03.1 b) ii) Building Plan Review and Classification Societies

On a vote of 7 in favour, 0 against and 0 abstention, SR03-17 was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve

Oceanic and Offshore Committee Decision: Approved

- (d) OSR 3.16 Multihull Nets or Trampolines

Submission SR04-17 from Chairman Special Regulations SC was received to clarify and harmonise requirements for catamarans with those for trimarans.

On a vote of 7 in favour, 0 against and 0 abstention, SR04-17 was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve

Oceanic and Offshore Committee Decision: Approved

- (e) OSR 3.23.1 (b) Bilge Pumps

Submission SR05-17 from the Chairman of International Regulations Commission was received to harmonise OSR with ISO 15083 – Bilge-pumping systems

Stuart Carruthers highlighted that the scope of ISO 15083 -Bilge-pumping systems is : “to remove normal accumulations of bilge water, the standard does not set requirements for bilge pumps or bilge-pumping systems designed for damage control.”

On a vote of 0 in favour, 7 against and 0 abstention, SR05-17 was rejected. It was agreed to form a working party of James Dadd(Chairman), Christophe Gaumont, Per Bøymo and Chuck Hawley to prepare a submission for the next meeting.

Recommendation to the Oceanic and Offshore Committee: Reject

- (f) OSR 3.29.03 Communications Equipment, GPS, Radar, AIS

Submission SR06-17 from FFVoile was received to require a satellite phone for Category 1 races.

The submission was amended as follows: delete: “When not in use each to be stowed in a grab bag (see OSR 4.21)”

MoMu1	3.29.03	<u>One hand-held satellite telephone, watertight or with waterproof covers and internal batteries. When not in use each to be stowed in a grab bag (see OSR 4.21)</u>
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On a vote of 6 in favour, 0 against and 1 abstention, SR06-17 as amended was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve as amended

Oceanic and Offshore Committee Decision: Approved as amended

- (g) OSR 3.29.12 and.13 Communications Equipment, GPS, Radar, AIS

Submission SR07-17 from FFVoile was received to delete the requirement in Category Monohull 0 for the AIS Transponder to be class A and replace with class B.

Christophe Gaumont recommended that the requirement for Class A Transponders for Category 0 multihulls should be retained as the more frequent transmissions are needed at speeds over 40 knots.

The submission was amended as follows:

MoMu0	3.29.12	a class A AIS Transponder which either:
Mo0,1,2 Mu1,2	3.29.13	an AIS Transponder which either:

On a vote of SR07-17 was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve as amended

Oceanic and Offshore Committee Decision: Approved as amended

- (h) OSR 4.02.1 Search and Rescue Visibility

Submission SR08-17 from FFVoile was received to specify a minimum size of high visibility.

The submission was amended as follows: insert “displayed” and delete Multihull Category 3 and 4.

	4.02	Search and Rescue Visibility
Mo1,Mu1,2, 3,4	4.02.1	A 1m² (11ft²) solid area of highly-visible pink, orange or yellow <u>displayed on the coachroof and/or deck</u>

On a proposal by Christophe Gaumont, seconded by Sally Honey and a vote of 7 in favour, 0 against and 0 abstention, SR08-17 as amended was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve as amended

Oceanic and Offshore Committee Decision: Approved as amended with the following additional amendment:

	4.02	Search and Rescue Visibility
Mo1,Mu1,2,3,4	4.02.1	A 1m² (11ft²) solid area of highly-visible pink, orange or yellow capable of being displayed on the coachroof and/or deck

(i) OSR 4.04 Jackstays and Clipping Points

Submission SR09-17 from FFVoile was received to specify the method of fitting jackstays.

The submission was amended as follows: delete “hull” and insert: “deck”.

MoMu0,1,2,3	4.04.1	Jackstays which shall:
MoMu0,1,2,3	a)	be independent on each side of the deck hull (s)

On a proposal by Christophe Gaumont, seconded by Glen Stanaway and a vote of 7 in favour, 0 against and 0 abstention, SR09-17 as amended was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve as amended

Oceanic and Offshore Committee Decision: Approved

(j) OSR 4.07 Flashlights and Searchlights

Submission SR10-17 from FFVoile was received to require a searchlight to be instantly available and in Category 0 remove the requirement to be powered by the ship's batteries.

On a vote of 1 in favour, 6 against and 0 abstention, SR10-17 was rejected.

Recommendation to the Oceanic and Offshore Committee: Reject

(k) OSR 4.20.2 Liferaft Equipment

Submission SR11-17 from FFVoile was received to delete manual desalinator replacing water containers

On a vote of 1 in favour, 6 against and 0 abstention, SR11-17 was rejected.

Recommendation to the Oceanic and Offshore Committee: Reject

(l) OSR 4.21 Flares Grab Bag

Submission SR12-17 from US Sailing was received to delete reference to parachute flares

On a vote of 7 in favour, 0 against and 0 abstention, SR12-17 was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve

Oceanic and Offshore Committee Decision: Approved

- (m) OSR 4.22.1 b) Crew Overboard Identification and Recovery – AIS MOB beacon
Submission SR13-17 from FFVoile was received to add a requirement in Category 2 for personal AIS crew overboard beacons for each crew member.

On a vote of 7 in favour, 0 against and 0 abstention, SR13-17 was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve

Oceanic and Offshore Committee Decision: Approved

- (n) OSR 4.22.3 Crew Overboard Identification and Recovery - Lifebuoys
Submission SR14-17 from FFVoile was received to require whistles on each life buoy and drogues that meet the manufacturer's recommendations.

The submission was amended as follows:

**	4.22.3	a an un-modified a lifebuoy with a self-igniting light, a whistle and a drogue that meet the manufacturer's recommendation
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On a vote of 7 in favour, 0 against and 0 abstention, SR14-17 as amended was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve as amended

Oceanic and Offshore Committee Decision: Approved

- (o) OSR 4.22.4 c) Crew Overboard Identification and Recovery - Lifebuoys
Submission SR15-17 from FFVoile was received to add a requirement in Category 1 and 2 for lifebuoys to be equipped with fluorescein dye sachet

On a vote of 0 in favour, 7 against and 0 abstention, SR15-17 was rejected.

Recommendation to the Oceanic and Offshore Committee: Reject

- (p) OSR 4.23 Pyrotechnic and Light Signals
Submission SR16-17 from FFVoile was received to require non-flammable gloves.

On a vote of 0 in favour, 7 against and 0 abstention, SR16-17 was rejected.

Recommendation to the Oceanic and Offshore Committee: Reject

- (q) OSR 4.26 Storm & Heavy Weather Sails
Submission SR17-17 from US Sailing was received to amend layout format for clarity

On a vote of 7 in favour, 0 against and 0 abstention, SR17-17 was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve

Oceanic and Offshore Committee Decision: Approved

- (r) OSR 5.01.3 Lifejacket spare lifejackets
Submission SR18-17 from FFV was received to exclude an additional PLB from required spare lifejacket

The submission was amended as follows:

MoMu0,1,2	5.01.3	A boat shall carry a spare at least one spare lifejacket as required in OSR 5.01.1 except an AIS personal crew overboard beacon (4.22.1(b)) and PLB described in 5.01.1
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On a vote of 7 in favour, 0 against and 0 abstention, SR18-17 as amended was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve as amended

Oceanic and Offshore Committee Decision: Approved as amended with following amendment:

MoMu0,1,2	5.01.3	A boat shall carry a spare at least one spare lifejacket as required in OSR 5.01.1 except an AIS personal crew overboard beacon (4.22.1(b)) and a PLB described in 5.01.1
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- (s) OSR 5.02 Safety Harness and Tethers

Submission SR19-17 from US Sailing was withdrawn.

- (t) OSR 5.02 Safety Harness and Tethers

Submission SR20-17 from Chairman International Regulations Commission was received to clarify the tether requirements for 2018

On a vote of 6 in favour, 0 against and 1 abstention, SR20-17 was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve

Oceanic and Offshore Committee Decision: Approved

- (u) OSR 5.07.1 Survival Equipment

Submission SR21-17 from FFVoile was received to add a requirement for immersion suits in Category 1.

On a vote of 1 in favour, 6 against and 0 abstention, SR21-17 was rejected.

Recommendation to the Oceanic and Offshore Committee: Reject

- (v) OSR Appendix A – Moveable and Variable Ballast

Submission SR22-17 from Australian Sailing was withdrawn.

4. Special Regulations – Submissions – Section 6 and Appendix G – Training

- (a) OSR 6.02 Training Topics

Submission SR23-17 was received from Chairman Special Regulations SC, on behalf of Training Working Party to list training topics.

On a vote of 7 in favour, 0 against and 0 abstention, SR23-17 was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approved

Oceanic and Offshore Committee Decision: Approved

- (b) OSR 6.04 Routine Training On-Board

Submission SR24-17 was received from Chairman Special Regulations SC, on behalf of Training Working Party to broaden on-board practice drill topics.

On a vote of 7 in favour, 0 against and 0 abstention, SR24-17 was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve

Oceanic and Offshore Committee Decision: Approved

- (c) OSR 6.05.1 Training

Submission SR25-17 was received from FFVoile to increase number of crew requiring medical training for Category 0,1 and 2.

On a proposal by Sally Honey, seconded by Glen Stanaway and a vote of 1 in favour, 6 against and 0 abstention, SR25-17 was rejected

Recommendation to the Oceanic and Offshore Committee: Reject

- (d) Appendix G 7.1 and 7.2 Model Training Course

Submission SR26-17 was received from Chairman Special Regulations SC, on behalf of Training Working Party to update and clarify Section 7.

On a vote of 7 in favour, 0 against and 0 abstention, SR26-17 was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve

Oceanic and Offshore Committee Decision: Approved

- (e) Appendix G 7 Model Training Course Part A Framework A1 Class Size and A2 Instructors

Submission SR27-17 was received from Chairman Special Regulations SC, on behalf of Training Working Party to update Class size and Instructor experience

The submission was amended as follows:

A2 Instructors should have :

“ • an ISAF/World Sailing Approved Offshore Personal Survival Safety Course pass certificate “

On a vote of 7 in favour, 0 against and 0 abstention, SR27-17 as amended was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve as amended

Oceanic and Offshore Committee Decision: Approved

- (f) Appendix G 7 Model Training Course Part A Framework A3 Facilities and Equipment

Submission SR28-17 was received from Chairman Special Regulations SC, on behalf of Training Working Party to update A3 Facilities and Equipment.

On a vote of 7 in favour, 0 against and 0 abstention, SR28-17 was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve

Oceanic and Offshore Committee Decision: Approved

- (g) Appendix G 7 A.4 Recommended Reference and Display Material

Submission SR29-17 was received from Chairman Special Regulations SC, on behalf of Training Working Party to update A.4.1 and 4.2

On a vote of 7 in favour, 0 against and 0 abstention, SR29-17 was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve

Oceanic and Offshore Committee Decision: Approved

- (h) OSR Appendix G – Training - Rope Usage

Submission SR30-17 was received from the Chairman regarding rope usage.

On a vote of 7 in favour, 0 against and 0 abstention, SR30-17 was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve

Oceanic and Offshore Committee Decision: Approved

- (i) Appendix G 7 Part C Detailed Syllabus C.5

Submission SR31-17 was received from Chairman Special Regulations SC, on behalf of Training Working Party to update C.5

On a vote of 7 in favour, 0 against and 0 abstention, SR31-17 was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve

Oceanic and Offshore Committee Decision: Approved

- (j) Appendix G 6.2 Man Overboard

Submission SR32-17 was received from Chairman Special Regulations SC, on behalf of Training Working Party to update C.6 Man Overboard

On a vote of 7 in favour, 0 against and 0 abstention, SR32-17 was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve

Oceanic and Offshore Committee Decision: Approved

- (k) Appendix G C.8 Hypothermia

Submission SR33-17 was received from Chairman Special Regulations SC, on behalf

of Training Working Party to update C.8 Man Hypothermia

On a vote of 7 in favour, 0 against and 0 abstention, SR33-17 was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve

Oceanic and Offshore Committee Decision: Approved

- (l) Appendix G C.9 SAR organisations and methods

Submission SR34-17 was received from Chairman Special Regulations SC, on behalf of Training Working Party to update C.9 SAR organisations and methods

On a vote of 7 in favour, 0 against and 0 abstention, SR34-17 was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve

Oceanic and Offshore Committee Decision: Approved

- (m) Appendix G C.10 Weather Forecasting

Submission SR35-17 was received from Chairman Special Regulations SC, on behalf of Training Working Party to update C.10 Weather Forecasting

On a vote of 7 in favour, 0 against and 0 abstention, SR35-17 was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve

Oceanic and Offshore Committee Decision: Approved

- (n) Appendix G C.11 Liferafts and Lifejackets (theory)

Submission SR36-17 was received from Chairman Special Regulations SC, on behalf of Training Working Party to update C.11 Liferafts and Lifejackets

On a vote of 7 in favour, 0 against and 0 abstention, SR36-17 was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve

Oceanic and Offshore Committee Decision: Approved

- (o) Appendix G C.13 Liferafts & Lifejackets (practical)

Submission SR37-17 was received from Chairman Special Regulations SC, on behalf of Training Working Party to update C.12 Liferafts and Lifejackets

On a vote of 7 in favour, 0 against and 0 abstention, SR37-17 was agreed to be effective 1 January 2018.

Recommendation to the Oceanic and Offshore Committee: Approve

Oceanic and Offshore Committee Decision: Approved

- (p) OSR Appendix G – Training - Session 18/19 Pyrotechnics and EPIRBS

Submission SR38-17 was received from US Sailing to delete reference to parachute flares.

It was agreed that it was important for the trainees to be aware of parachute flares and that not all flares are hand flares.

On a vote of 0 in favour, 7 against and 0 abstention, SR38-17 was rejected.

Recommendation to the Oceanic and Offshore Committee: Reject

- (q) OSR Appendix G – Training – Supplement One – SOLAS Convention Chapter V

Submission SR39-17 was withdrawn.

5. World Sailing Structural Plan Review

- (a) It was noted that 138 certificates of structural plan review have been registered. A list of one-off yachts and the certificates for series-produced yachts can be found at http://www.sailing.org/classesandequipment/offshore/plan_review.php
- (b) A 37-page report was received from David Lyons, In-Build Validation – Keel Structural Integrity and the practicalities of requiring in-build inspection.
- (c) Carlos de Beltran, World Sailing Technical & Offshore Director gave a presentation on Plan Review and In-Build Validation.

Further details to be produced in consultation with the Keel Working Party of Glen Stanaway (Chairman), Roy van Aller, James Dadd, Boris Hepp, Nicola Sironi, Will Apold.

6. OSR Working Party Reports

- (a) Independent Incident Reporting

'Guidelines for Independent Incident Reviews and Reporting' were received from the Working Party of Sally Honey (Chairman) and Glen Stanaway with input from Sten Edholm and Chris Oxenbould.

Will Apold proposed a motion to adopt the 'Guidelines for Independent Incident Reviews and Reporting' which was approved unanimously.
- (b) Offshore Personal Safety Training – OSR Section 6 and Appendix G

In addition to Item 4 submissions, a report was received from the working party of Sally Honey(Chairman), Glen Stanaway(AUS), Chuck Hawley(USA), Jean-Bertrand Mothes-Masse (FRA), David Sutcliffe(CAN) and Christophe Gaumont (FRA).

It was agreed that work should continue on developing Appendix G, considering issues such as how to think in a stressful situation and address a perceived decline in seamanship
- (c) Electric Propulsion

No report was available. James Dadd advised that he had been working on a development for the next Volvo Ocean Race which may be an electric propulsion engine or powering a hydraulic pump. Tests are planned in three months.

(d) Boats over 24m

An update was presented from the working party chaired by Will Apold. The areas of possible variation between Classification Society Rules and the OSR were pulpits, Lifeline Heights, Bilge pumping.

The conclusion was that general clauses could be introduced by submissions for the next meeting at the beginning of Section 3 and Section 4:

SECTION 3 - STRUCTURAL FEATURES, STABILITY, FIXED EQUIPMENT

**** A boat shall be/have:**

(boats over 24 m (78'-9") LH and greater designed, built and maintained in accordance with the requirements of a Classification Society recognized by World Sailing may differ on the requirements as set in this rule on structural features and fixed equipment, but only where the Classification Society explicitly rules different for the same case and the boat can document this upon equipment inspection).

SECTION 4 - PORTABLE EQUIPMENT

A boat shall have:

(boats over 24 m (78'-9") LH and greater designed, built and maintained in accordance with the requirements of a Classification Society recognized by World Sailing may differ on the requirements as set in this rule on portable equipment but only where the Classification Society explicitly rules different for the same case and the boat can document this upon equipment inspection).

7. Incident Reports

- (a) A report was received from the Executive Office highlighting known incidents that have occurred during races in the past year. Concern was expressed at yachts being abandoned after the loss of their rudders.

- (b) UK Marine Accident Investigation Branch (MAIB)

The investigations were noted by the UK Marine Accident Investigation Branch into two separate fatal incidents regarding Clipper Ventures yacht CV21.

<https://www.gov.uk/maib-reports/accidents-on-board-yacht-cv21-resulting-in-loss-of-2-lives>

- (c) A report was received from Roy van Aller on the loss of three crew following the capsizing of the 35ft yacht 'Capella'. The investigation by the Belgian Federal Investigation Board of Maritime Accidents (FOSO) is still going on and concentrating on the distress call procedures (why did it take so long before the distress was notified?) and on the technical aspects of the broken keelbolts.

8. Guide to Offshore Personal Safety

Plans to produce the updated publication had been delayed. Now that the Appendix G amendments have been agreed, the intention is to produce by April 2018 the new Guide to Offshore Personal Safety incorporating recommendations deleted from the 2016 OSR.

9. International Regulations Commission

A verbal report was received from the Chairman of the International Regulation Commission. (see minutes of International Regulations Commission).

10. Offshore Medical Workshop

An update was received from the World Sailing/International Maritime Health Association- Offshore Sailing Medical Workshop held in Barcelona November 2016 in Lorient, France.

11. Any Other Business

- (a) The Equipment Committee's work was noted on Personal Safety Equipment across the World Sailing range of Classes

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There being no further business the meeting was closed at 1610.