

The Rules of Rowing **2021 Edition**

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[The Rules of Racing 2021](#)

[Referee Procedures Manual 2021](#)

[LOC Guidance Manual 2021](#)

2021 Rules Changes

The following is a summary of rules changes that will take effect in the 2021 Rules of Racing.

| Rules Changes | Summary |
|--|---|
| 5-301 National Championship Events (*) | Remove the specific listing of National Championship regattas to provide flexibility for USRowing to determine which regattas they will run in a given year. |
| 10-201 Adaptive Rowing Sport Classes | This change to the sport classes would now align with established classes being tracked for these specific groups of impaired athletes. It will eliminate barriers to the sport by including them from the onset of event planning. Additional subsets can be added at the discretion of the LOC. |
| 10-202 Adaptive Rowing Boat Classes | This change allows PR3 (II) to be its own official sport class, not combined with any other subsets of developmental impairments. PR3 (II) meets eligibility requirements and should not be included as a subset boat class. |
| Administrative Changes | <ol style="list-style-type: none">1) Replace “INAS” with “Virtus” wherever the term appears since INAS has rebranded as Virtus2) Replace “PR3-ID” (PR3- Intellectual Disability) with “PR3-II” (PR3-Intellectual Impairment) to align with updated World Rowing (FISA) language. |

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ARTICLE I – GENERAL

Part A – Introductory Provisions

1-101 Title

These rules are established by the United States Rowing Association (USRowing), and shall be known and may be cited as the USRowing Rules of Racing.

1-102 Purposes (*)

The purposes of these rules are to:

- (a) provide for the safety of Competitors and Race Officials;
- (b) provide for fair and equitable racing under rules that are adapted to the needs of the sport of rowing;
- (c) promote consistent application of rules in situations where they apply.

1-103 Interpretation (*)

These rules shall be interpreted to effect the purposes described in [Rule 1-102 \(“Purposes”\)](#). Wherever possible, provisions of these rules shall be interpreted consistently with each other, but if such interpretation is not possible, the more specific language shall control the general, and provisions regarding safety shall control any other provision. Captions, titles and headings are part of these rules. In case of ambiguity, these rules shall be interpreted consistent with the current rules of FISA.

1-104 Scope and Exceptions (*)

- (a) These rules shall apply to all rowing Races and Regattas that take place in the United States and that are registered by USRowing. These rules shall not apply to any Races or Regattas that are within the exclusive jurisdiction and control of FISA.
- (b) Any exceptions or amendments to these rules must be described in detail to USRowing at the time of registration, publicized in writing and distributed to every competing Team. USRowing may take the extent and nature of variation into account in determining whether to register a Regatta.
- (c) Subsection (b) above notwithstanding, there shall be no exceptions or amendments to any provision designated as absolutely binding. In these rules, such provisions are noted by an asterisk (*) in the appropriate caption or subsection heading.
- (d) Adaptive Rowing Races ([Article X, “Adaptive Rowing”](#)), Head Races ([Article VIII, “Head Races”](#)), Indoor Rowing Races (Article XI, “Indoor Rowing”), Races for Open Water Events ([Part A of Article IX, “Open Water Racing”](#)), and USRowing Trials ([Article VI, “Trials Rules”](#)) shall be held under the specific rules designated for them.

1-105 Situations Not Covered (*)

In situations not covered under these rules, Race Officials are empowered to make such decisions and give such instructions as are necessary to carry out their responsibilities, and to effect the purposes described in [Rule 1-102 \(“Purposes”\)](#).

Part B – Definitions

1-201 Rowing Defined (*)

“Rowing” is the propulsion of a displacement boat through water by the muscular force of one or more Rowers, with or without a Coxswain, in which oars are levers of the second order, and in which the Rowers are sitting with their backs to the direction of forward movement of the boat.

1-202 Other Definitions (*)

Unless the context clearly indicates otherwise, the following definitions shall apply when the terms below, or grammatical variations thereof, are used in these rules:

- (a) “Adaptive Rowing” shall mean the sport of sweep rowing or sculling for people with physical, visual or intellectual impairments. A Rower who requires modifications to Equipment, coaching, and/or program structure to allow for maximum functionality of the rowing stroke may row in an adaptive event.
- (b) “Advertisement” shall mean any writing, symbol, emblem, mark, or other graphic design that identifies or promotes a person, Club, organization, sponsor, corporation, trade product, association or entity, other than the Club for whom a Crew is competing.
- (c) “Classification Panel” shall consist of two classifiers, one medical and one technical, that conduct the classification assessment of a Rower following the Adaptive Rowing Classification Regulations described at www.usrowing.org. Classification of athletes with an intellectual disability follows eligibility criteria defined by Virtus (formerly INAS) and managed domestically by Athletes Without Limits.
- (d) “Club” shall mean any entity recognized by USRowing as an organizational member that operates or sponsors a rowing program.
- (e) “Competitor” shall mean any person who participates in a Crew as a Rower or Coxswain.
- (f) “Course” shall mean a body of water that including all technical installations and equipment.
- (g) “Class “A” Course” shall mean a Course that meets the FISA standards for international racing.
- (h) “Coxswain” shall mean any Competitor in a Crew who is not a Rower and who, apart from operating a bona fide steering mechanism, does not participate in the physical propulsion of the boat.
- (i) “Crew” shall mean an entity comprised of one or more Competitors and constituted for the purpose of competing in an Event at a Regatta. A Crew shall be considered an entity subject to these rules, and members of a Crew shall be collectively responsible for its conduct throughout a Regatta.
- (j) “Equipment” shall mean any part of a boat, oar, or other mechanism that is used in the normal propulsion, floatation, or steering of a boat.
- (k) “Event” shall mean a Race or series of Races, including all heats, repechages, semifinals, petite finals, and grand finals, that together determine the winner and order of placement in a particular class of competition.
- (l) “FISA” shall mean the International Rowing Federation (Federation Internationale des Societes d’Aviron), or any successor body recognized by the International Olympic Committee as the international governing body of rowing.

- (m) “Guide” shall mean a Rower in a separate boat (rowing shell or launch) who is not competing in a Race, but is present to provide direction, but not coaching, to a visually impaired Rower who is competing and would not otherwise be able to steer.
- (n) “Head Race” shall mean a Race in which the participating Crews start a Race at different times, and where the order of finish is determined by comparison of the elapsed time taken to traverse the Course.
- (o) “IBSA” shall mean the International Blind Sports Federation, or any successor body recognized by the IPC as the international governing body for athletes with a visual impairment.
- (p) “Virtus (formerly INAS)” shall mean the International Federation for Sport for Athletes with an Intellectual Disability, or any successor body recognized by the IPC as the international governing body for athletes with an intellectual disability.
- (q) “Inclusive” shall mean a Crew or an Event comprised of Crews composed of a mixture of Classified Rowers and Non-Classified Rowers. Inclusive Crews must contain an equal number of Classified Rowers and Non-Classified Rowers.
- (r) “Interference” shall consist of physical contact with another Crew (including clashing of oars), Washing another Crew, or forcing another Crew to alter its own course in order to avoid imminent collision.
- (s) “IPC” shall mean the International Paralympic Committee, the international governing body for the Paralympic Movement. The IPC organizes the Paralympic Games and functions as the international federation for multiple sports.
- (t) “LOC” shall refer to the local organizing committee responsible for the operation and execution of a Regatta.
- (u) “May,” when used in describing duties, powers, or responsibilities of a Race Official or other authority described in these rules, implies the exercise of discretion and judgment in light of training, knowledge, and experience.
- (v) “National Team” shall mean all members of those Crews that are selected to represent the United States, and bear the national colors, in international competition, as defined in the Ted Stevens Amateur Sports Act, 36 U.S.C. § 220501 et seq., including but not limited to, the Olympic Games, the Paralympic Games, the Pan American Games, and any FISA Championship Regatta. The National Team shall include all coaches, managers, trainers, doctors, administrators, or other staff selected to serve.
- (w) “Novice” shall mean a Rower or Coxswain whose initial competition within that same discipline has been in the previous 12 months of the date of the Regatta. This definition is advisory only.
- (x) “Para Rowing,” a term coined by FISA, shall mean rowing or sculling for participating Rowers who have been classified by a national or international Classification Panel and have been placed into a sport class according to how much their physical impairment impacts the core functionality of the rowing stroke.
- (y) “Race” shall mean the rowing of the Course in a competitive manner by one or more Crews, the results of which are used as part of the process to determine the winner and order of placement in an Event.
- (z) “Race Official” shall mean any person who possesses a valid USRowing Referee or Assistant Referee license, and serves at a Regatta as the Chief Referee or in one of the capacities described in [Rule 2-104 \(“Officials”\)](#).

- (aa) “Regatta” shall mean a combination of different Events sponsored by the same LOC as a single unit.
- (bb) “Registered Regatta” shall mean any Regatta that has been specifically designated by USRowing as such.
- (cc) “Regatta packet” shall mean the set of information provided by the LOC of a Regatta with details about entries and deadlines, local rules including amendments or exceptions to these rules, traffic pattern, course map and any other information relevant to that specific Regatta.
- (dd) “Rower” shall mean any person acting as an oarsman or oarswoman who participates in the physical propulsion of a boat.
- (ee) “Scheduled Time” when used in reference to a Race time shall mean that time as posted or published at the beginning of the relevant Race day, as may be officially adjusted throughout the day when, in the judgment of the Race Officials, such adjustment is necessary to ensure the safety of the Competitors and the fairness of competition; provided that in the event of such official adjustment, the revised official schedule is posted or published in a manner that is made available to all Competitors as promptly as possible through reasonable and customary means of communication. Commonly occurring delays in Race times throughout the day are not considered an official adjustment to the “Scheduled Time.”
- (ff) “Scull” shall mean an oar used in a boat in which each Rower uses two oars. “Scull” also shall refer to boats and Events in which such oars are used.
- (gg) “Selection criteria” includes all procedures, policies, and regulations that determine the manner of selecting the National Team, as approved by the USRowing Board of Directors.
- (hh) “Shall,” when used in describing duties, powers, or responsibilities of a Race Official or other authority described in these rules, means that the action that is referenced must be executed.
- (ii) “Starter’s flag” shall mean the plain red flag used predominantly in the U.S. or the FISA standard red flag with white “X”.
- (jj) “Starting area” shall mean the first 100 meters of the Course, as well as, the adjoining water at the perimeter of the Course.
- (kk) “Static refereeing” refers to the system of on-the-water officiating without trailing referee launches commonly used at the World Rowing Masters Regatta, and includes the pre-start procedures and mechanics of marshalling used at that regatta.
- (ll) “Sweep” shall mean an oar used in a boat in which each Rower uses one oar. “Sweep” also shall refer to boats and Events in which such oars are used.
- (mm) “Team” shall mean all Competitors, coaches, managers, trainers, boatman, and other administrators who represent the same Club at a particular Regatta. A Team and members thereof shall be considered constituted and subject to these rules throughout a Regatta.
- (nn) “Unaffiliated” - Competitors are not considered to be representing an organization in Event(s) in which they are registered as “Unaffiliated”
- (oo) “USRowing” shall mean the United States Rowing Association, as well as any officer, employee, committee, or other entity acting within the scope of its authority granted under the [USRowing Bylaws](#), or delegated by USRowing Board of Directors.
- (pp) “Unsportsmanlike conduct” shall include, but not be limited to, failure to heed the instructions of Race Officials, use of obscene language or gestures, delaying a Race without just cause, intentional or flagrant disregard of principles of safety and fairness, or abusive behavior toward a Race Official, Team member, or spectator as witnessed by a Race Official.

- (qq) “To wash” shall refer to the creation of water turbulence that affects the progress of a Crew. “Wash” refers to this water turbulence.
- (rr) “Weigh-in Window” shall mean the period of time that is no less than one (1) hour and not more than two (2) hours before the Scheduled Time of the first Race in which the weight is relevant.
- (ss) “Adjusted Weigh-in Window.” Should the LOC or Race Officials adjust or alter the racing schedule for compelling reasons, changing the amount of time between the Weigh-in Window and the newly Scheduled Time of the Race, an Adjusted Weigh-in Window shall be created. The Adjusted Weigh-in Window shall be no less than one (1) hour and not more than two (2) hours before the newly Scheduled Time of the Race.

ARTICLE II – CONDUCT OF THE RACE

Part A – Race Officials

2-101 Primary Duties of Race Officials (*)

- (a) It is the primary duty of every Race Official to provide for the safety of Competitors and Race Officials.
- (b) Subject to subsection (a) above, it is the duty of all Race Officials to ensure that all Crews have a fair and equal opportunity of winning, placing, or advancing. Where a Crew has been affected by unfair advantage or disadvantage, whether due to another Crew or outside circumstances, it is the responsibility of Race Officials to restore fair racing conditions.
- (c) These primary duties shall control the operation of all other provisions of these rules.

2-102 Appointment of the Chief Referee (*)

- (a) Before the Regatta, a Chief Referee shall be appointed.
- (b) All persons acting as Chief Referee at a Registered Regatta shall hold a Referee license.

2-103 Duties of the Chief Referee (*)

- (a) The Chief Referee shall:
 - (1) assign the functions of all other Race Officials at the Regatta;
 - (2) supervise the Control Commission to verify that:
 - a) Crews and Competitors comply with the rules regarding Equipment described in [Article III \(“Equipment”\)](#) and the rules regarding Competitors described in [Article IV \(“Competitors”\)](#);
 - b) Competitors required to undergo drug testing are identified to the officials responsible for this immediately after getting out of their boat.
- (b) If these rules call for a decision by the Chief Referee, the Chief Referee may refer such matter to the Jury for resolution.
- (c) Any complaints or concerns about the appointment or assignment of Race Officials should be made to USRowing.

2-104 Officials (*)

- (a) For each Race at a Regatta, the Chief Referee shall cause to be assigned Race Officials to perform the following functions:
 - (1) Referee: The Referee shall have general supervision of the Race and shall follow the progress of the Race from start to finish. All other Race Officials for a particular Race shall be subject to the control of the Referee except where duties are specifically delegated to them under these rules.
 - (2) Starter: The Starter shall administer the starting procedures and shall be responsible for their fairness.
 - (3) Judge at Start: The Judge at Start shall supervise the process of bringing the Crews into alignment with the plane of the starting line, shall be the sole determinant of when a Crew has left the starting line before the proper commands, and may otherwise assist the Starter.
 - (4) Chief Judge: The Chief Judge shall supervise the judges at the finish line and, along with the judges, shall inspect photographic records of finishes to determine the proper order and compute the appropriate time margins. If there is disagreement, the finding of the Chief Judge shall prevail over an individual judge.
- (b) All persons acting as a Referee, Starter, Judge at Start, or Chief Judge at any Registered Regatta shall have a valid Referee or Assistant Referee license.
- (c) International FISA Umpires holding a valid FISA umpiring license, or international umpires/officials holding a valid national license, can work in the United States at USRowing Registered Regattas after receiving approval from USRowing.

2-105 The Jury (*)

- (a) Before the Regatta, the Chief Referee shall appoint a Jury.
- (b) Jury members shall have a valid Referee or Assistant Referee license.
- (c) The Jury shall:
 - (1) hear and decide all protests arising out of competition;
 - (2) decide matters referred to it by the Chief Referee.
- (d) The decision of the Jury made within its jurisdiction shall supersede any decision of an individual Race Official.
- (e) When the Jury is hearing and deciding a protest as authorized under subsection (c)(1) above, no Race Official shall serve as a member if the issue to be decided involves a decision made by that Race Official, or if that Race Official must give testimony as a witness. The Chief Referee shall designate an alternate member to serve instead.

Part B – Safety and Fair Conditions

2-200 Safe Equipment

All boats must satisfy the requirements presented in [Article III \(“Equipment”\), Part A \(“Construction and Design”\)](#).

2-201 Suspending Racing (*)

If the Chief Referee finds that either of the requirements of safety or fairness described in [Rule 2-101 \(“Primary Duties of Race Officials”\)](#) cannot be met under then existing conditions, he or she shall stop or suspend all racing until such time as safe and fair conditions are restored. If the Referee or Starter for a particular Race finds that the requirements of [Rule 2-101 \(“Primary Duties of Race Officials”\)](#) cannot be met under then existing conditions, he or she shall suspend that Race and shall inform the Chief Referee.

2-202 Regatta Information

All Crews and Teams shall be responsible for any information disseminated in the Regatta Packet and at the pre-Regatta meeting conducted by the Chief Referee or his or her delegate.

2-203 Traffic Patterns (*)

All Competitors are responsible for knowing all traffic patterns and regulations on the water as well as the location of any “warm-up” area, “cool-down” area and known obstacles. Such information shall be posted at the Regatta site and published in the Regatta Packet.

2-204 Rowing Near the Course while Race in Progress (*)

Whenever a Race is approaching, a non-competing Crew rowing at or near the perimeter of the Course shall stop rowing, come to a complete rest, and make sure that it does not interfere with the Race, either by obstructing the path of the competing Crews or accompanying launches, or by causing a Wash. Crews shall not stop at a point that obstructs or hinders the view of the start line by the Judge at Start or the finish line by the Chief Judge.

2-205 Violation of Safety Rules

A Crew that violates the posted traffic pattern, or otherwise operates in an unsafe or unfair manner may be assessed one of the penalties as described in [Rule 2-602 \(“Types of Penalties”\)](#) by any Race Official. Such penalties shall be applicable to the next Race in which the Crew competes.

2-206 Number of Referees; Safety Launches (*)

- (a) Each Race shall be followed by at least one Referee.
- (b) In addition to one Referee launch, for each Race there shall be another launch immediately accessible to the Crews for use in case of emergency.
- (c) The Referee launch shall assume immediate responsibility for attending to an emergency if for any reason a safety launch is unavailable. If the emergency requires the Referee to leave a Race in progress for a significant amount of time, and if there is no other Referee available to follow the Race, the Referee shall stop the Race.

Part C – The Start

2-300 Approaching the Start; Warm-up on the Course

- (a) No Crew shall enter the Starting area unless explicitly permitted to do so by the Starter. Except where required by the posted traffic pattern ([Rule 2-203, “Traffic Patterns”](#)), a Crew shall not practice on the Course itself during racing without permission of the Starter.
- (b) After a Crew has been given permission to practice on the Course, it shall do so only in its assigned lane. If it is necessary to cross other lanes to reach its assigned lane, a Crew shall yield to any other Crew practicing in its own lane.

2-301 Reporting to the Start

- (a) Each Crew is responsible for being attached to its starting station and ready to race two minutes before the Scheduled Time of the Race, whether or not announcements have been made by the Starter. If racing is delayed, Crews shall be responsible for being within voice range of the Starter and in a position to respond to instructions.
- (b) A Crew that is not attached to its starting station at least two minutes before the Scheduled Time of the Race may be assessed a warning ([Rule 2-602\(b\), “Types of Penalties”](#)) by the Starter. A Crew that is not attached to its starting station by the Scheduled Time of the Race may be excluded by the Starter. If racing is delayed, the Starter may announce a new racing time, which shall have the same effect as the original Scheduled Time for purposes of this rule.

2-302 Appearance of Crews

If a Crew does not comply with [Part B \(“Insignia and Advertising”\)](#) of [Article III \(“Equipment”\)](#) of these rules, the Referee, Starter, or other Race Official may reprimand the Crew as described in [Rule 2-602\(a\) \(“Types of Penalties”\)](#), and shall then report the incident to the Chief Referee. If, in any subsequent Race at the Regatta, the Crew persists in the violation, the Chief Referee may impose one of the penalties described in [Rule 2-602 \(“Types of Penalties”\)](#).

2-303 Changing Race Times and Lane Assignments

The Starter may change the schedule of racing or any lane assignments previously made.

2-304 Alignment

- (a) Before the start, the Judge at Start shall cause the bows of all boats to be aligned with the plane of the starting line.
- (b) When the Judge at Start is satisfied with the alignment, he or she shall so indicate by any of the following methods: (1) raising and keeping aloft a white flag, (2) raising and keeping aloft a fluorescent green flag, (3) causing a white light to be illuminated.

2-305 Start

- (a) After the Judge at Start signals that alignment has been achieved, the Starter shall announce the name of each Crew.

- (b) If alignment is lost during the announcement of the Crews, the Starter may suspend the process and resume when the previous condition is restored. If there is a significant delay, the Starter may repeat the entire procedure.
- (c) Once the announcement of the names of the Crews begins, the Starter shall disregard any Crew signaling that it is not ready under this procedure regardless of when such signal is given.

2-306 Starting Commands with Flags

- (a) After the Crews have been announced, the Starter shall start the Race by: (1) calling out “Attention!” (2) raising the Starter’s flag overhead, and then (3) after a distinct and variable pause, calling out “Go!”. The command “Go!” shall be accompanied by a quick and simultaneous downward motion of the Starter’s flag to one side.
- (b) If, after the Starter’s flag has been raised, the Starter believes for any reason that the start should not occur, he or she shall call out “As You Were!” and gently lower the Starter’s flag directly in front of him or her. The Starter then shall repeat the starting commands in their entirety, but may dispense with announcing the Crews.
- (c) Crews may leave the starting line when the Starter’s flag begins to move.

2-306.1 Starting Commands with Lights

- (a) After the Crews have been announced, the Starter shall start the Race by: (1) calling out “Attention!,” (2) the Starter shall press a button (or switch) to change the traffic lights from the neutral (unlit/black) position to red, and then (3) after a distinct and variable pause, the Starter shall give the starting command by pressing a button that shall at the same moment:
 - Change the red light to green,
 - Make an audible signal through the loudspeakers.
- (b) If, after the red light has been illuminated, the Starter believes for any reason that the start should not occur, he or she shall call out, “As You Were!” and change the lights from red to neutral. The Starter shall repeat the starting commands in their entirety, but may dispense with announcing the Crews.
- (c) Crews may leave the starting line when the light turns from red to green.

2-307 “Quick Start”

If weather or other conditions prevent use of the normal starting procedure, the Starter may dispense with the announcement of Crews described in [Rule 2-305 \(“Start”\)](#). The Starter first shall announce to the Crews that a “Quick Start” will be used. When the Starter determines that the Race may be safely and fairly started, the Starter shall call out “Quick Start!” followed by the starting commands ([Rule 2-306, “Starting Commands with Flags”](#) or [Rule 2-306.1, “Starting Commands with Lights”](#)). Once the announcement of “Quick Start” is made, the Starter shall disregard any Crew signaling that it is not ready.

2-308 False Start

- (a) A Crew commits a false start when its bow crosses the plane of the starting line before the Starter’s red flag begins to move or green light illuminates. More than one Crew may be assessed a false start at the same time.

- (b) Crew(s) committing a false start will be assessed a warning. A Crew that receives two warnings, including false starts, applicable to the same Race shall be excluded under [Rule 2-602\(c\) \(“Types of Penalties”\)](#).
- (c) In the event of a false start, the Judge at Start shall raise a red flag or cause a red light to be illuminated. The Starter shall stop the Race by sounding a bell or sound device, waving a red flag or illuminating a flashing red light, and calling “Stop!”
- (d) After a Race has been stopped due to a false start, the Starter shall instruct the Crews and Race Officials how to proceed.

2-309 Failure to Start

If a Crew fails to leave the starting line after the starting commands have been given, the Starter shall stop the Race. If the Crew’s failure to start is not justified, the Starter may impose one of the penalties described in [Rule 2-602 \(“Types of Penalties”\)](#).

2-310 Broken Equipment

- (a) “Broken Equipment” shall mean a condition in which any Equipment, as defined in Rule [1-202 \(“Other Definitions”\)](#), is not in a normal operable state. The following shall not count as Broken Equipment:
 - (1) A condition that is the obvious result of carelessness or neglect;
 - (2) Crabs and jumped slides (in which a Rower’s seat comes off its track);
 - (3) The condition of a Coxswain’s sound amplification system (including a COX-BOX), a stopwatch, stroke watch, or similar device.
- (b) If a Crew suffers Broken Equipment after launching but prior to entering the Starting area, it shall stop rowing and immediately signal to the closest Race Official. The Race Official shall inspect the equipment for damage. If the Race Official determines that there is Broken Equipment, the Race Official shall communicate with both the Starter and Chief Referee to determine if the Crew will be able to race.
- (c) If a Crew suffers Broken Equipment after the starting commands but before it has left the Starting area, or 20 seconds has elapsed on courses where the Starting area is not clearly marked with different colored buoys, it may stop rowing and signal to the Referee. The Referee shall stop the Race as described in [Rule 2-407\(d\) \(“Referee’s Instructions to Crews”\)](#) and inspect the damage. If there is in fact Broken Equipment, the Race may be restarted after the Crew has had sufficient time to make repairs. If there is no Broken Equipment, the Race may be restarted immediately, and the Referee may impose upon the offending Crew one of the penalties described in [Rule 2-602 \(“Types of Penalties”\)](#).
- (d) A Crew is deemed to have left the Starting area once its bow crosses the 100-meter mark. If a Crew attempts to claim Broken Equipment after it has left the Starting area, and if the boat can still be operated safely, the Referee shall instruct it to continue rowing as described in [Rule 2-407\(c\) \(“Referee’s Instructions to Crews”\)](#).

2-311 Leaving the Starting Area

A Crew that rows out of the Starting area waives any right to object on the grounds that the start was not fair.

Part D – The Body of the Race

2-401 A Crew's Water (*)

Each Crew shall be assigned a lane, which shall constitute that Crew's own water for the duration of the Race. A Crew that rows in its own water is entitled to protection by the Referee. A Crew that leaves its own water does so at its own risk and peril.

2-402 Steering

Each Crew is responsible for its own steering. The Referee will not render assistance to Crews merely to steer a better course, even if a Crew leaves its own water, and will instruct a Crew to alter its course only to prevent Interference, or otherwise ensure safety, or to ensure fairness to other Crews.

2-403 Referee's Position (*)

During the Race, the Referee shall have final authority over the operation of their launch and shall position the launch wherever it might be necessary to observe and control the Race and take necessary action. This may require that the Referee pass a trailing Crew thereby creating an adverse condition (i.e. Wash) for that Crew.

2-404 Interference or Foul (*)

- (a) If a Crew has left, or is about to leave, its own water and is in danger of Interference with another Crew that is rowing in its own water, the Referee shall instruct the offending Crew to alter its course as described in [Rule 2-407\(a\) \("Referee's Instructions to Crews"\)](#). A Crew leaves its water when any part of its boat or Equipment leaves the Crew's assigned lane.
- (b) It shall not be Interference if a Crew is Washed or obstructed while rowing outside its own water. If two Crews both rowing outside their own water are in danger of collision, the Referee shall instruct them to keep apart as described in [Rule 2-407\(a\)\(1\) \("Referee's Instructions to Crews"\)](#), but neither Crew shall be entitled to claim Interference as a result of any such collision.
- (c) A Crew, improperly rowing outside of its water, shall yield to another Crew attempting to return to its own water.
- (d) If a Crew fails to respond to instructions, or if it is about to cause a serious collision, the Referee may order the Crew to stop rowing as described in [Rule 2-407\(b\) \("Referee's Instructions to Crews"\)](#).

2-405 Stopping a Race in Progress

The Referee shall stop the Race by giving the instruction described in [Rule 2-407\(d\) \("Referee's Instructions to Crews"\)](#), if, due to Interference or unfair condition, it is likely that a Crew in contention has been deprived of its opportunity of winning, placing, or advancing, and if further continuance of the Race would be of no further competitive value.

2-406 Resolving Interference

- (a) Upon determining that a Crew is guilty of Interference, the Referee shall take such action as is necessary and sufficient to restore the aggrieved Crew's fair opportunity of winning, placing or advancing.

- (b) Appropriate restoration actions include those described in [Rule 2-603 \(“Restoring Opportunity of Winning; Altering Results”\)](#), or imposing one of the penalties described in [Rule 2-602 \(“Type of Penalties”\)](#).
- (c) The appropriate penalty for Interference shall be presumed to be exclusion. Nevertheless, the Referee may impose a different penalty on the offending Crew, or no penalty, if he or she finds that special circumstances existed. Special circumstances may exist (but are not limited) when fairness can be sufficiently restored to the aggrieved Crew, and imposing a lesser or no penalty on the offending Crew does not adversely affect the rights of any other Crew in the Race.

2-407 Referee’s Instructions to Crews

- (a) An instruction for a Crew to alter its course shall consist of raising a white flag vertically, calling out the Crew’s name, and then dropping the flag laterally to whichever direction the Crew should move.
 - (1) Alternatively, if the Referee wishes to instruct two Crews simultaneously to keep apart, he or she shall instruct them by raising a white flag vertically, calling out the names of both Crews, and calling out “Keep Apart!”
- (b) An instruction for a Crew to stop rowing shall consist of raising a white flag vertically, calling out the Crew’s name, and then calling out “Stop!” If thereafter the reason for stopping the Crew ceases to exist, the Referee may instruct the Crew to continue rowing as described in subsection (c).
- (c) An instruction for a Crew to continue rowing shall consist of raising a white flag vertically, calling out the Crew’s name, and then dropping the flag directly forward, and while calling out “Continue Rowing!”
- (d) An order to stop an entire Race shall consist of sounding a noise-making device such as a bell, siren or air horn; waving a red flag; and then calling out “Stop!”

2-408 Instruction to Avoid Unsafe or Unfair Conditions (*)

- (a) If a Crew is steering toward a previously known or identified obstacle or installation and is in reasonable danger of collision, the Referee shall alert the Crew by raising a white flag vertically, calling out the name of the Crew, and then calling out “Obstacle!” If collision is imminent, the Referee shall order the Crew to stop as described in [Rule 2-407\(b\) \(“Referee’s Instructions to Crews”\)](#). That Crew then may correct its course and continue with the Race, but shall not be entitled to any consideration, such as a rerow or advancement in the progression system, as a result of such occurrence.
- (b) If a Crew is steering towards a previously unknown or unidentified obstacle or installation obstructing its assigned lane, and is in reasonable danger of collision, the Referee shall alert the Crew by raising a white flag vertically, calling out the name of the Crew, and then calling out “Obstacle!,” and instruct the Crew to alter its course as described in [Rule 2-407\(a\) \(“Referee’s Instructions to Crews”\)](#). If collision is imminent, the Referee shall order the Crew to stop as described in [Rule 2-407\(b\) \(“Referee’s Instructions to Crews”\)](#), after which it may correct its course and continue with the Race. If the opportunity of a Crew to win, place, or advance is affected by such occurrence, the Referee may take appropriate action to restore that opportunity pursuant to [Rule 2-603 \(“Restoring Opportunity of Winning; Altering Results”\)](#).

- (c) If a Crew is rowing outside its assigned lane and is thereby in a position to gain an unfair advantage, either by shortening its course or by receiving the benefit of more favorable environmental conditions such as wind or current, the Referee shall instruct the Crew to return to its lane as described in [Rule 2-407\(a\) \(“Referee’s Instructions to Crews”\)](#). If the Crew does not comply with such instruction, the Referee may impose any one of the penalties described in [Rule 2-602 \(“Types of Penalties”\)](#).

2-409 Outside Assistance

- (a) No Crew shall receive any outside assistance, coaching, or advice during a Race. Nothing in this rule shall preclude communication to Crews from shore using the unaided voice.
- (b) No Team member, including coaches, shall follow a Race in a launch without the explicit permission of the Chief Referee. The penalty for such an infraction is presumed to be exclusion of the offending Crew and/or Team member, and/or disqualification of the coach.
- (c) Team members shall be permitted to volunteer in any capacity at a Regatta, but are not allowed to provide assistance to their Crew unless specifically instructed to do so by a Referee.

2-410 Unsportsmanlike Conduct (*)

- (a) A Crew or Team that engages in Unsportsmanlike conduct, as witnessed by a Race Official, may be assessed by a Race Official with one of the penalties described in [Rule 2-602 \(“Types of Penalties”\)](#), regardless of whether such conduct otherwise constitutes a violation of these rules. If another Crew’s opportunity to win, place, or advance is affected by such conduct, the Race Official shall take appropriate action to restore that opportunity, pursuant to [Rule 2-603 \(“Restoring Opportunity of Winning; Altering Results”\)](#).
- (b) Any Team member, including a Competitor, who engages in Unsportsmanlike conduct at any time during the Regatta, as witnessed by a Race Official, may have his or her further participation at the Regatta curtailed or prohibited by a Race Official.
- (c) If any Team member engages in personally abusive language or conduct, the incident shall be reported by a witnessing Race Official to USRowing.

Part E – The Finish

2-501 Finish of the Race

- (a) A Crew has finished the Race when its bow or any part of its hull touches the plane of the finish line.
- (b) Each Crew or Competitor finishing a Race will be placed in order by the Chief Judge and times assigned to their placement. There may be a visible and/or audible signal when a Crew or Competitor finishes the Race.
- (c) A Race is not complete until the last competing Crew has finished the Race and the Referee has declared the Race to be official.
 - (1) Before declaring the Race to be official, the Referee may require that a Coxswain display any deadweight required under [Rule 4-105.1 \(“Coxswain’s Weight”\)](#).
 - (2) If no Crew signals that it has an objection, and if the Referee is satisfied that the results of the Race are proper, he or she shall declare the Race to be official by raising a white flag.

- (3) If the Referee decides to impose one of the penalties described in [Rule 2-602 \(“Types of Penalties”\)](#) upon one of the Crews, and there is no further objection as a result, the Referee shall raise a red flag, inform the affected Crews of the penalty, and then raise a white flag.
- (4) If there is an objection that cannot be resolved immediately, the Referee shall raise a red flag.
- (d) The results of the Race shall be considered official once the Referee has raised the white flag and the Chief Judge has certified the results.
- (e) Results shall be released to Competitors, spectators, and the media as official with the approval of the Chief Judge. The results of a Race that has not been declared official may be released and shall be marked as unofficial.
- (f) All results are subject to revision based on the outcome of Equipment and Competitor compliance validations that are completed on land subsequent to a Crew finishing the Race.

2-502 Placement of Crews; Dead Heats

- (a) Subject to the other subsections of this Rule, Crews competing in a Race shall be placed by the Chief Judge according to the order of finish. Being placed shall entitle the Crew to applicable awards, prizes, or advancement in the progression system.
- (b) A Crew that does not complete the Course shall not be placed and shall not be entitled to advance in the progression system.
- (c) In Events with Coxswains, a Crew that touches the finish line missing its Coxswain shall not be placed.
- (d) A Crew, including a single Scull, which touches the finish line missing one or more of its Rowers shall be placed.
- (e) A Crew whose Equipment does not comply with [Part A \(“Construction and Design”\)](#) of [Article III \(“Equipment”\)](#) of these rules shall be penalized as described in [3-104 \(“Minimum Weight of Boats”\)](#) and shall be placed consistent with that rule or not at all.
- (f) A Crew whose Competitors do not comply with applicable provisions of [Article IV \(“Competitors”\)](#) of these rules, or with the announced criteria for the Event, of these rules shall not be placed.
- (g) A Crew that has been excluded or disqualified as described in [Rule 2-602 \(“Types of Penalties”\)](#) shall not be placed.
- (h) If the judges, after having used all best efforts and available resources, are unable to determine the order of finish with reasonable certainty, it shall be considered a dead heat if two or more Crews finish the Race simultaneously.
 - (1) If a dead heat occurs in a finals Race, and if a proper order of finish is necessary to determine which Crews are entitled to medals or awards, the Referee shall order the Crews involved in the dead heat to rerow after a rest interval. If a Crew refuses to rerow, the Referee shall award the higher place being contested to the other Crew, and he or she may exempt it from rerowing the Course. If a rerow is not practical, the Referee may order that duplicate medals be awarded.
 - (2) If a dead heat occurs in a Race other than a finals Race, and if a proper order of finish would be necessary to determine which Crews advance in the progression system, the Referee shall, wherever possible, allow all Crews involved in the dead heat to advance. If

such action is not possible, the Referee shall order the Crews to rerow, after allowing for a rest interval, and after having taken into account the Scheduled Time of the next Race in the Event. If a Crew refuses to rerow, the Referee shall award the higher place being contested to the other Crew, and he or she may exempt it from rerowing the Course.

Part F – Penalties, Objections and Protests

2-601 Imposition of Penalties; Effect on Crew Members

- (a) Race Officials may in the course of their duties impose the penalties described in [Rule 2-602 \(“Types of Penalties”\)](#) on Crews as authorized under these rules. It is not necessary for a competing Crew to lodge an objection or file a protest in order for a Race Official to impose a penalty.
- (b) A Crew and its members are each responsible for the individual acts of its members. Unless otherwise provided pursuant to [Rule 2-602\(d\)\(2\) \(“Types of Penalties”\)](#), any penalty imposed on a Crew shall be deemed imposed on each member of the Crew.
- (c) Race Officials shall inform a Crew of a penalty at the earliest practicable time.

2-602 Types of Penalties

- (a) Reprimand: A reprimand shall consist of an informal caution and shall have no immediate effect upon a Crew. Subsequent behavior by the Crew inconsistent with the terms of the reprimand, however, may be evidence that the Crew acted flagrantly or intentionally.
- (b) Warning: A Crew that receives two warnings applying to the same Race shall be excluded pursuant to subsection (c) below. A false start shall have the same effect as a warning.
 - (1) All warnings shall expire and be of no further effect once the Race to which they apply has been successfully completed. However, if a Race is rerowed, warnings applicable to the original Race shall apply to the rerow.
- (c) Exclusion: A Crew that is excluded shall be removed from the Event. The excluded Crew may still compete in other Events.
- (d) Disqualification: A Crew that is disqualified shall be removed from all subsequent Races and Events in the same Regatta. Disqualification shall be presumed to be appropriate where a Crew has acted in flagrant or intentional violation of rules concerning safety or fairness.
 - (1) In no event shall the duration of disqualification imposed by an individual Race Official or Jury exceed the duration of the Regatta. All cases of disqualification, however, shall be reported to USRowing.
 - (2) Instead of disqualifying a Crew, Race Officials may disqualify an individual Competitor, in which case the remainder of the Crew may continue in subsequent Events in which it is able to comply with the rule regarding substitutions ([Rule 5-206, “Substitutions”](#)).
- (e) Relegation: The penalty of Relegation shall consist of placing a Crew in last place in a Race. Relegation is reserved for violations of Equipment specifications (e.g. minimum weight of boats, strapping requirements).

2-603 Restoring Opportunity of Winning; Altering Results (*)

- (a) If the Referee finds that a Crew has been deprived of its fair opportunity of winning, placing, or advancing, whether due to Interference or other unfair condition on the Course, he or she shall

take such measures as are necessary to restore that opportunity. Such measures may include rerowing a Race with all or some of its original participants, or advancing the aggrieved Crew into an extra lane in a semifinal or final.

- (b) If the Referee advances an aggrieved Crew into a semifinal or final under subsection (a) above, he or she may take such action as necessary to prevent the Crew from gaining an unfair advantage over other Crews.
- (c) Apart from imposing one of the penalties described in [Rule 2-602 \(“Types of Penalties”\)](#) or taking action under subsection (a) above, the Referee shall not alter the placement of Crews in a Race, except that:
 - (1) He or she may order, as an alternative to imposing one of those penalties, that a Crew guilty of Interference be placed directly behind the aggrieved Crew in the order of finish, if such action would restore the aggrieved Crew’s opportunity of winning, placing, or advancing, and if the rights of other Crews in the Race would not be adversely affected.
 - (2) He or she may order that an aggrieved Crew shall be considered to have rowed a dead heat with the Crew immediately preceding it in the order of placement.

2-604 Matters Subject to Protest (*)

- (a) Any Crew claiming that a Race in which it competed was not fair or proper, or that the Rules of Racing were not followed, or that its opportunity of winning was unfairly deprived, may raise an objection as described in [Rule 2-605 \(“Raising an Objection”\)](#).
- (b) Only matters that affect the substantial rights of a Crew shall be subject to protest, and the Jury shall disregard harmless errors that did not affect the outcome of the Race.
- (c) To the extent that Race Officials acting within the scope of their duties make explicit findings of fact, those findings shall be final.

2-605 Raising an Objection (*)

- (a) An objection involving the conduct of a Race shall be lodged by the Crew at the finish while it is still on the water and before the Referee declares the Race to be official, unless circumstances beyond its control prevent it from doing so. A coach or other Team member may not lodge an objection on behalf of a Crew. An objection concerning exclusion of a Crew at the start may be lodged with the Starter at the time the penalty is imposed.
 - (1) An objection concerning any action on land shall be lodged by an affected Team member with the Chief Judge, or with another Race Official designated by the Chief Referee, within one hour after being informed of such action. The protest statement required under [Rule 2-606 \(“Filing the Protest Statement”\)](#) shall be filed within the same time.
- (b) A Crew wishing to lodge an objection shall signal to the Referee immediately after finishing the Race by having a member of the Crew raise his or her hand until the attention of the Referee has been gained. The Crew shall then explain its objection and state its requested resolution or outcome.
- (c) The Referee shall make his or her decision and inform the objecting Crew as well as any other affected Crews of his or her decision and then display a white or red flag as described in [Rule 2-501 \(“Finish of the Race”\)](#).

2-606 Filing the Protest Statement (*)

Once an objection is lodged, a Crew wishing to be heard before the Jury shall submit a concise written statement, describing the facts that underlie the objection and the relief that the Crew seeks, to the Chief Judge, or another Race Official designated by the Chief Referee whose identity is conspicuously posted, within one hour after it reaches land. The written statement shall comprise the protest statement. The statement shall be accompanied by cash or check payable to the LOC in the amount of \$50. An objection in which such a protest statement is not filed shall not be heard.

- (a) The protest statement shall be signed by a member of the objecting Crew in his or her individual name. Such signature constitutes a representation to the Jury that the facts contained therein are true and correct to the best of the signer's knowledge or belief.
- (b) The \$50 shall be returned to the Crew if the objection is upheld, or if it is found by the Jury to be substantially justified. The \$50 shall be returned to the Crew if an appeal to USRowing under [Rule 2-608 \("Appeal from the Jury"\)](#) is sustained. The \$50 shall otherwise be remitted to the LOC.
- (c) The written protest statement may be amended after it is submitted, but the Jury may take such amendment into account in assessing the credibility of the statement.

2-607 Protest Hearing

- (a) The purpose of a protest hearing is to review the events of a Race that a Crew has objected to and determine, in a speedy time frame, an outcome that is fair for all parties.
- (b) In deciding a protest, the Jury may impose any of the penalties described in [Rule 2-602 \("Types of Penalties"\)](#), or take any other action that an individual Race Official acting in the same situation would be empowered to take.
- (c) The Jury shall adjudicate a protest statement after having conducted a hearing. The decision of the Jury shall be based solely on the testimony and evidence presented before it in the hearing.
 - (1) The hearing shall not commence until after each Crew named or involved in the action leading to the filing of the protest statement has had a reasonable opportunity to inspect the written protest statement and gather evidence in its favor.
 - (2) When a crew's objection appears to involve an explicit finding of fact, the Jury may make the determination that the matter is not subject to protest following a review of the Crew's protest statement and testimony from the appropriate Referee(s).
- (d) Each Crew named or involved in the protest statement shall have the right to have one representative present at the hearing, except for the actual deliberations of the Jury. This representative may be a coach, manager, or other Team member. This representative shall not be a witness at the hearing.
- (e) The Jury shall review the protest statement, hear relevant testimony and review appropriate evidence.
- (f) Witnesses who give evidence before the Jury shall not be present at the hearing except for such time as they are actually giving testimony.
- (g) Formal rules of evidence shall not apply, and the Jury may consider any evidence or testimony that it considers to be useful in resolving the issues. Presentation of evidence may be by narrative testimony, tangible evidence, or by questions asked by the Jury. A representative of a Crew may request that a question be asked by the Jury.

- (h) After the Jury has deliberated, it shall render its decision. The Chief Referee will announce the Jury’s decision to all parties to the objection.
- (i) Upon the request of any party to the objection, the Jury shall provide a written statement of findings and conclusions that formed the basis of its decision.

2-608 Appeal from the Jury (*)

- (a) Any Crew aggrieved by the decision of the Jury may appeal from that decision to USRowing.
- (b) The grounds for an appeal shall be limited to actions that affected the outcome of the Race, and shall further be limited to:
 - (1) actions that are at variance with the USRowing Rules of Racing or custom or precedent established thereunder;
 - (2) actions in areas committed to the discretion of Race Officials that are demonstrably arbitrary or capricious, or where the exercise of discretion is without substantial foundation under the circumstances.
- (c) Actions that are not appealable under subsection (b) above but are nevertheless relevant in assessing the professional conduct of Race Officials may be reported to USRowing.
- (d) An appeal under this Rule shall be filed by placing in the United States mail, or equivalent method of delivery, an appeal statement to USRowing within five working days of receiving the Jury’s decision.
- (e) Any appeal submitted in accordance with subsection (d) above will be investigated and a written decision will be rendered.

ARTICLE III – EQUIPMENT

Part A – Construction and Design

3-101 Free Construction of Equipment (*)

Except as specifically limited in these rules, there shall be no limitations on the design and construction of boats, oars, and other Equipment.

3-102 General Requirements for Boats (*)

- (a) A boat in the sport of Rowing shall have all of its load bearing parts, including the axes of moving parts, firmly fixed to the body of the boat, but the seat of a Rower may move along the axis of the boat.
- (b) The use of “sliding riggers,” in which the fulcrum of the oar is not stationary with respect to the body of the boat, is strictly forbidden.

3-103 Categories of Boats

Boat types may include:

| <i># of Rowers</i> | <i>Oar</i> | <i>Coxswain</i> | <i>(Abbr.)</i> |
|--------------------|------------|-----------------|----------------|
| 1 | scull | without | 1x |
| 2 | scull | without | 2x |
| 2 | sweep | without | 2- |
| 2 | sweep | with | 2+ |

| | | | |
|---|-------|---------|-----|
| 4 | sweep | without | 4- |
| 4 | sweep | with | 4+ |
| 4 | scull | without | 4x |
| 4 | scull | with | 4x+ |
| 8 | sweep | with | 8+ |
| 8 | scull | with | 8x |

3-104 Minimum Weight of Boats

- (a) All boats described in [Rule 3-103 \(“Categories of Boats”\)](#) shall comply with the following minimum weights:

| <i>Category</i> | <i>Weight (lbs.)</i> | <i>Weight (kg.)</i> |
|-----------------|----------------------|---------------------|
| 1x | 30.86 | 14 |
| 2x | 59.53 | 27 |
| 2- | 59.53 | 27 |
| 2+ | 70.55 | 32 |
| 4- | 110.23 | 50 |
| 4+ | 112.44 | 51 |
| 4x | 114.64 | 52 |
| 4x+ | 116.85 | 53 |
| 8+ | 211.64 | 96 |
| 8x | 213.85 | 97 |

- (b) The minimum weight of the boat shall include seats, rudders, skegs, fins, and riggers. For the purposes of determining the minimum weight of boats, the following definitions shall apply:
- (1) “Attached” shall mean glued, taped, “Velcro-ed” or any other form of attachment such that if the boat is picked up or turned over, the item shall not fall out.
 - (2) “Firmly Fastened” shall mean a glued, screwed, bolted, welded or any other form of fastening such that it is not possible to change or manipulate the item during the time on the water or that the equipment or boat shall be damaged by forceful removal of the item.
- (c) The minimum weight of the boat shall also include:
- (1) Loud speakers if they are firmly fastened to the boat and associated wiring for such speakers;
 - (2) Any housings or fixings that are firmly fastened to the boat for the purpose of holding electronic or other equipment;
 - (3) Cables and wires required to connect the firmly fastened equipment, and
 - (4) Seat pads that are attached to the seat
- (d) The weight of a boat shall not include oars, the bow number or any other item not firmly fastened to the boat.
- (e) If a boat is underweight, additional deadweight shall be added to bring the boat into compliance.
- (f) It is the sole responsibility of the Crew that its boat has met the required minimum weight.
- (g) Crews nominated to have their boats weighed will be notified as they leave the water by a Race Official or other appointed person who shall accompany the Crews to the weighing scales.
- (h) Once the Crew has been notified, no extra weight of any description can be added to the boat until the boat has been weighed.

- (i) At the official weighing of the boat, the normal wetted surface of the boat is accepted. However, any standing water must be removed before the weighing, in particular any water between the shoulders and under the decking. All other items not firmly fastened must be taken out of the boat before the weighing.
- (j) If a boat is below the minimum weight, it will be reweighed after the Race Official has tested the scales with a gauged weight.
- (k) The first offense penalty for having raced in an underweight boat in an Event, except for a finals Race, shall be relegation. If the Crew races again in an underweight boat in a later round of the same Event, the penalty shall be exclusion. The penalty for having raced an underweight boat in a finals Race shall be exclusion.

3-105 Bowballs (*)

Every boat shall have a supple or plastic ball, of a white or fluorescent color, firmly attached and mounted on its bow, unless equivalent provision for visibility and protection against puncture injury is included in the boat's basic construction. The bowball shall be at least 4 centimeters in diameter.

3-106 Foreign Substances

No substance or structures (including riblets) capable of modifying the natural properties of water or the boundary layer of the hull/water interface shall be used during a Race.

3-107 Oars (*)

The blade of an oar shall have the following minimum thickness: Sweep oar, 5 mm. (measured 3 mm. from the tip of the blade); Scull oar, 3 mm. (measured 2 mm. from the tip of the blade).

3-108 Footgear Release (*)

- (a) In all boats, the foot stretchers, shoes or other devices holding the feet of the Rowers shall be a type which allows the Rowers to get clear of the boat with no delay.
- (b) Where shoes or other devices holding the feet will remain in the boat, each shoe or device shall be independently restrained such that the heel will not lift more than three inches (7.5 cm) above the foot board to which it is anchored.

3-109 Boat Construction for Coxswains (*)

A boat in which the body of the Coxswain is enclosed or partially enclosed within the hull of the boat shall conform to the following requirements:

- (a) The opening through which the Coxswain enters and exits shall be at least 2.30 feet (70 cm.) long when measured along the longitudinal axis of the boat. For a length of at least 1.64 feet (50 cm.), the opening shall be as wide as the inner hull of the boat itself.
- (b) The inner surface within which the Coxswain's body rests shall be smooth and free of any obstacles, devices, or other structures that would hinder quick exit.

3-110 Bow Numbers

Each boat shall be capable of having mounted on its bow an identifying card of sufficient size and contrast such that a Race Official can easily identify the Crew. Recommended standards for the card include:

- (a) A square or rectangular shape.
- (b) Waterproof and opaque.
- (c) A minimum height of 5 inches for any numbers and letters.
- (d) A white background with black numbers and letters or a black background with white numbers and letters

Part B – Insignia and Advertising

3-201 Uniforms

- (a) Subject to subsection (b), all Competitors in a Crew shall wear identical clothing. Such clothing shall cover the torso of the body and may include sweat gear. The Chief Referee may grant exceptions to this rule on account of unusual weather conditions. An exception will also be granted to composite Crews.
- (b) Individual Competitors in a Crew may choose whether or not to wear a hat or other headgear, which may be of the individual Competitor's own choosing and need not be identical with those worn by other Crew members.
- (c) No Competitor may wear the uniform of the U.S. National Team while participating as a member of a Crew without the express approval of USRowing.

3-202 Oars

Oars, whether Sweep or Scull, must be uniform throughout the Crew, except that each Rower in a composite Crew may use the colors of his or her own Club. Only the national or Club colors may appear on oar blades. Unpainted oars are also permitted for all boats, whether composite or otherwise, if all Rowers use such oars. Use of National Team colors without the express approval of USRowing is specifically prohibited.

3-203 Manufacturer and Sponsor Advertising

- (a) Advertisement is allowed on Equipment and clothing by manufacturers of both Equipment and clothing and by sponsors of a Crew or Club. Except as otherwise specified in these rules, the content, placement, size, and density of Advertisement is not restricted.
- (b) Advertisements promoting tobacco products are prohibited. Advertisements promoting any alcoholic beverage are prohibited at Youth Events. In other Events, Advertisements promoting alcoholic beverages whose alcohol content is more than 15% are prohibited.
- (c) A sponsor who is commonly identified as a provider or manufacturer of a prohibited product or service, but who also provides or manufactures permitted products or services, may advertise if the Advertisement affirmatively and clearly associates itself with the permitted product or service only.
- (d) Provisions in this rule shall apply throughout the duration of the Regatta and shall extend throughout the Regatta site.

ARTICLE IV – COMPETITORS

4-101 Amateur Standing (*)

- (a) An amateur is one who competes in rowing without obtaining, or having in the past obtained from it, any direct and immediate material gain or profit.
 - (1) An individual who is remunerated for acting as coach, trainer, manager, or administrator in the sport of Rowing does not thereby lose his or her amateur standing.
- (b) Only amateur Competitors may compete in any Race or Event classified by skill as novice, intermediate or senior, or classified by age as Youth. A Competitor in a Race or Event classified as elite need not be an amateur, but any elite Competitor receiving remuneration or other direct and immediate material gain or profit under a sponsorship contract must receive approval in advance from USRowing.
- (c) Clubs, LOCs, and sponsors of Regattas may award, and Team members may receive:
 - (1) medals, diplomas, trophies, or other mementos of participation or achievement;
 - (2) travel or other expenses incurred in attending any Regatta; and
 - (3) Equipment intended for use by the Team member in competition.
- (d) No forms of award or prize other than those described in this rule shall be allowed.
- (e) Other sanctioning bodies may have additional requirements to be considered an amateur athlete.

4-102 Doping (*)

- (a) It is absolutely forbidden for any Competitor, whether in competition or in practice, to engage in doping.
- (b) In determining which substances, or which methods, constitute doping, USRowing adopts the definitions contained in the Anti-Doping Code of the Olympic Movement, the Anti-Doping Bylaws of FISA, and the anti-doping rules of the United States Olympic Committee. The version of each of these provisions in effect at the time of the alleged violation shall apply.
- (c) Competitors at USRowing Registered Regattas, and athletes in training for membership on the National Team, thereby agree to such testing and anti-doping controls by the independent anti-doping agency designated by the United States Olympic Committee, both during competition and out-of-competition, with or without advance notice, as may be promulgated by that agency, and as may be permitted by law.
- (d) Upon the communication by the independent anti-doping agency to USRowing of a sanction imposed for violation of the rules against doping, the CEO shall take necessary steps to enforce those sanctions according to their terms. Sanctions imposed by the independent anti-doping agency are not subject to further review by USRowing, whether by protest, appeal, grievance, or otherwise.
- (e) As of October 2, 2000, the United States Anti-Doping Agency (USADA) has been designated by the United States Olympic Committee as the independent anti-doping agency as that term is used in this rule. Further information about prohibited substances, and anti-doping procedures and protocols, can be obtained from the USADA website.

4-103 Eligibility to Compete in Events

- (a) Rowers may compete in a higher skill class but not a lower skill class. For example, a Senior athlete may compete in an Elite Event but not an Intermediate Event.
- (b) A Coxswain may compete in any of those categories regardless of his or her classification by skill, except that a Coxswain who is not an amateur shall not compete in Events classified by skill as Intermediate or Senior or classified by age as Youth.
- (c) A Rower who does not comply with [Rule 4-104.3 \(“Lightweights”\)](#) and [Rule 4-106 \(“Weighing of Competitors”\)](#) shall not compete in a lightweight Event. Any Coxswain who otherwise complies with applicable rules may participate in a lightweight Event.
- (d) A Coxswain who does not comply with [Rule 4-105.1 \(“Coxswain’s Weight”\)](#) and [Rule 4-106 \(“Weighing of Competitors”\)](#) shall not compete.
- (e) A Competitor, including a Coxswain, who does not comply with [Rule 4-104.1\(a\) \(“Classification by Age”\)](#) shall not compete in a Youth Event.
- (f) A Rower who does not comply with [Rule 4-104.1 \(“Classification by Age”\)](#) shall not compete in a Masters Event, or in an inapplicable Masters age category Event as described in [Rule 4-104.1 \(“Classification by Age”\)](#). A Coxswain may compete in any Masters Event regardless of age.
- (g) A Rower may compete in an Adaptive or Para Rowing Event if his or her disability meets the criteria set out in the Adaptive Rowing Classification Regulations and has been classified by a national or international Classification Panel into an eligible sport class. A Rower without a sport class or whose sport class has been withdrawn may not compete in Adaptive or Para Rowing Events.
 - (1) In Inclusive Events, the sport class eligibility requirement pertains only to the Rower who has been classified.
 - (2) Regattas may allow for self-classification if specified in the Regatta Packet.
- (h) A female Rower shall not compete in Events for men, and a male Rower shall not compete in Events for women. A Crew competing in a mixed Event must be 50% male and 50% female, not including the Coxswain.
- (i) The USRowing Board of Directors has adopted a comprehensive Gender Identity policy, which is now contained in the CEO Policy Manual.
- (j) A Competitor shall know their eligibility, including their sport class if rowing in an Adaptive or Para-Event, and shall not compete in an Event for which they are not eligible.
- (k) Other sanctioning bodies may have additional eligibility requirements.
- (l) A Competitor must compete under their own name. The penalty for the use of a pseudonym or other false identification shall be disqualification.

4-104 Classification of Competitors

4-104.1 Classification by Age

- (a) A Competitor’s eligibility to compete in events classified by age is not affected by his or her classification by skill under [Rule 4-104.2 \(“Classification by Skill”\)](#). A Competitor’s classification by skill in non-age category events shall be as provided in that rule.
- (b) The following classifications are used to determine a Competitor’s eligibility based on age:
 - (1) U23: A Competitor may compete in the U23 category until December 31 of the year of their 22nd birthday.

- (2) U21: A Competitor may compete in the U21 category until December 31 of the year of their 20th birthday.
 - (3) U19: A Competitor may compete in the U19 category until December 31 of the year of their 18th birthday.
 - (4) U17: A Competitor may compete in the U17 category until December 31 of the year of their 16th birthday.
 - (5) U15: A Competitor may compete in the U15 category until December 31 of the year of their 14th birthday.
- (c) Youth: A Youth is a Competitor who in the current calendar year does not attain the age of 19, or who is and has been continuously enrolled in secondary school as a full-time student seeking a diploma. A Competitor thus ceases to be a Youth after December 31 of the year of his or her 18th birthday, or of the year in which he or she completes the 12th grade of secondary school, having been a full-time student, whichever is later.
- (d) Master: A Master is a Competitor who has attained or will attain the age of 21 during the current calendar year. A Competitor's age is determined as of December 31 of the current calendar year, rounded down to the nearest whole number. A Competitor thus becomes a Master on January 1 of the year of his or her 21st birthday. A Masters Crew shall be comprised exclusively of Masters Rowers, but the Coxswain need not be a Master.
- (1) Masters Crews shall be classified by age according to the following categories:
 - (AA) 21 to 26 years,
 - (A) 27 to 35 years,
 - (B) 36 to 42 years,
 - (C) 43 to 49 years,
 - (D) 50 to 54 years,
 - (E) 55 to 59 years,
 - (F) 60 to 64 years,
 - (G) 65 to 69 years,
 - (H) 70 to 74 years,
 - (I) 75 to 79 years,
 - (J) 80 to 84 years,
 - (K) 85 and over.
 - (2) The age category of a Masters Crew shall be determined by the average age of the Rowers in the Crew, rounded down to the nearest whole number. The age of a Coxswain shall not be counted. The ages of individual Rowers need not fall within the age category, so long as each Rower is a Master and so long as the average age of the Crew falls within the applicable category.
 - (3) A Masters Crew may compete in a lower (younger) age category but not in a higher category.
 - (4) A Master Competitor's eligibility to compete in Masters Events is not affected by his or her classification by skill under [Rule 4-104.2 \("Classification by Skill"\)](#). A Master Competitor's classification by skill in non-Masters Events shall be as otherwise provided in that Rule.
 - (5) A Rower who is a member of the current year's National Team shall not be eligible to compete in the current year at the Masters National Championships.

- (6) The handicaps listed on page 34 shall be applied in Masters Events where time handicaps are used. The handicaps are based on a 1000-meter course and shall be adjusted proportionally for other course distances. The finish time for each Crew shall be calculated by subtracting the handicap from the unadjusted actual time for each Crew.

| | Age | 4x 8+ | 2x 4+/4- | 1x 2- | | Age | 4x 8+ | 2x 4+/4- | 1x 2- | |
|----------|-----|----------|-------------|----------|----------|---|----------|-------------|----------|------|
| A | 27 | 0.0 | 0.0 | 0.0 | E | 55 | 15.7 | 16.9 | 19.6 | |
| | 28 | 0.0 | 0.0 | 0.0 | | 56 | 16.8 | 18.2 | 21.0 | |
| | 29 | 0.1 | 0.1 | 0.1 | | 57 | 18.0 | 19.4 | 22.5 | |
| | 30 | 0.2 | 0.2 | 0.2 | | 58 | 19.2 | 20.8 | 24.0 | |
| | 31 | 0.3 | 0.3 | 0.4 | | 59 | 20.5 | 22.1 | 25.6 | |
| | 32 | 0.5 | 0.5 | 0.6 | | | | | | |
| | 33 | 0.7 | 0.8 | 0.9 | | 60 | 21.8 | 23.5 | 27.2 | |
| | 34 | 1.0 | 1.1 | 1.2 | | 61 | 23.1 | 25.0 | 28.9 | |
| | 35 | 1.3 | 1.4 | 1.6 | | F | 62 | 24.5 | 26.5 | 30.6 |
| | | | | | | | 63 | 25.9 | 28.0 | 32.4 |
| B | 36 | 1.6 | 1.7 | 2.0 | | 64 | 27.4 | 29.6 | 34.2 | |
| | 37 | 2.0 | 2.2 | 2.5 | | | | | | |
| | 38 | 2.4 | 2.6 | 3.0 | | 65 | 28.9 | 31.2 | 36.1 | |
| | 39 | 2.9 | 3.1 | 3.6 | G | 66 | 30.4 | 32.9 | 38.0 | |
| | 40 | 3.4 | 3.7 | 4.2 | | 67 | 32.0 | 34.6 | 40.0 | |
| | 41 | 3.9 | 4.2 | 4.9 | | 68 | 33.6 | 36.3 | 42.0 | |
| | 42 | 4.5 | 4.9 | 5.6 | | 69 | 35.3 | 38.1 | 44.1 | |
| | | | | | | | | | | |
| 43 | 5.1 | 5.5 | 6.4 | 70 | | 37.0 | 39.9 | 46.2 | | |
| 44 | 5.8 | 6.2 | 7.2 | 71 | | 38.7 | 41.8 | 48.4 | | |
| 45 | 6.5 | 7.0 | 8.1 | H | | 72 | 40.5 | 43.7 | 50.6 | |
| C | 46 | 7.2 | 7.8 | 9.0 | | 73 | 42.3 | 45.7 | 52.9 | |
| | 47 | 8.0 | 8.6 | 10.0 | | 74 | 44.2 | 47.7 | 55.2 | |
| | 48 | 8.8 | 9.5 | 11.0 | | | | | | |
| | 49 | 9.7 | 10.5 | 12.1 | | 75 | 46.1 | 49.8 | 57.6 | |
| | | | | | | 76 | 48.0 | 51.9 | 60.0 | |
| D | 50 | 10.6 | 11.4 | 13.2 | I | 77 | 50.0 | 54.0 | 62.5 | |
| | 51 | 11.5 | 12.4 | 14.4 | | 78 | 52.0 | 56.2 | 65.0 | |
| | 52 | 12.5 | 13.5 | 15.6 | | 79 | 54.1 | 58.4 | 67.6 | |
| | 53 | 13.5 | 14.6 | 16.9 | | | | | | |
| | 54 | 14.6 | 15.7 | 18.2 | | 80 | 56.1 | 60.7 | 70.3 | |
| | | | | | | 81 | 58.1 | 63.0 | 73.0 | |
| | | | | J | 82 | 60.1 | 65.3 | 75.7 | | |
| | | | | | 83 | 62.1 | 67.6 | 78.4 | | |
| | | | | | 84 | 64.1 | 69.9 | 81.1 | | |
| | | | | | | | | | | |
| | | | | K | 85+ | add the following for each year over 85 | | | | |
| | | | | | | 2.0 | 2.3 | 2.7 | | |
| | | | | | | | | | | |

To calculate handicaps without using the above chart:

$$HC = (\text{age} - 27)^2 * Z$$

Z = .020 for 8+'s and 4x's

.0216 for 2x's and 4's

.025 for 1x's and 2-'s

When determining boat age averages, always round down.

(example 59.8 = 59.0)

**AA category (ages 21-26) has no handicaps*

4-104.2 Classification by Skill

- (a) A Competitor's classification by skill shall be determined separately with respect to Sweep Events and Sculling Events. Except for the provisions of subsection (c)(4) below (Elite status affecting Scull or Sweep status), a Competitor's classification in one category shall not affect his or her classification in the other.
- (b) A Competitor's classification by skill shall not be determined separately with respect to open Events and lightweight Events, and thus a Competitor's status as Elite, Senior, or Intermediate is applicable regardless of weight class.
- (c) Competitors shall be classified according to skill by the following criteria:
 - (1) Intermediate: A Competitor is an Intermediate who has not advanced to the status of Senior or Elite.
 - (2) Senior: A Competitor is a Senior who has won any Intermediate or Senior 2,000 meter Event at the USRowing National Championships regatta or at the Royal Canadian Henley Regatta, and who has not advanced to the status of Elite.
 - (3) A Competitor who is an Elite as a Sweep Rower shall be advanced to Senior for all Sculling Events, and a Competitor who is an Elite as a Scull Rower shall be advanced to Senior for all Sweep Events.
 - (4) Elite: A Competitor is Elite who has been a member of the Senior USRowing National Team or any country's Senior National Team as a Competitor (including as a spare) or a medalist at the U23 World Championships in the category at issue.
- (d) All Trials Events to select the National Team, except those for Youth, U23 or Masters Events, shall be classified as Elite Events.
- (e) Youth or Masters Races do not effect a Competitor's classification by skill under this Rule.
- (f) All changes in classification by skill shall take effect on January 1 following the year of competition.
- (g) Any other provision of these rules notwithstanding, a Competitor who is not an amateur shall be deemed an Elite for all Events.

4-104.3 Lightweights

A lightweight Crew is one that complies with the requirements below. An open Event is one that is not a lightweight Event.

- (a) Men:
 - (1) A men's lightweight Crew, including a single Scull (1x), shall have no Rower who weighs more than 160 lbs.
 - (2) A Youth men's lightweight Youth Crew, including a single Scull (1x), shall have no Rower that weighs more than 150 lbs.
- (b) Women:
 - (1) A women's lightweight Crew, including a single Scull (1x), shall have no Rower who weighs more than 130 lbs.
- (c) The Coxswain shall not be counted for purposes of this rule.
- (d) Rules relating to USRowing National Team Trials Regattas and Regattas governed by FISA may vary.

4-104.4 Adaptive Rowing and Para Rowing

- (a) A Rower's sport class for Adaptive Rowing and Para Rowing shall be determined through a national or international Classification Panel, placing each Rower into a sport class according to how much their impairment impacts on the core determinants of success in rowing.
- (b) The purpose of classification is to minimize the impact that eligible impairment types have on the outcome of competition.

4-105 Coxswains

- (a) A Coxswain is a member of the Crew and subject to all rules governing Competitors unless specifically excepted.
- (b) A male Coxswain may compete in Events for women, and a female Coxswain may compete in Events for men.
- (c) Rules relating to USRowing National Team Trials Regattas and Regattas governed by FISA may vary.
- (d) For Adaptive Rowing or Para Rowing Events, there is no restriction on Coxswains in respect to Adaptive Rowing or Para Rowing eligibility, gender, or age.

4-105.1 Coxswain's Weight

- (a) All Competitors who are competing as a Coxswain must meet the following minimum weights and their weights shall be determined as provided in [Rule 4-106 \("Weighing of Competitors"\)](#).
 - (1) A Coxswain in an Event for men's Crews shall weigh at least 120 lbs.
 - (2) A Coxswain in an Event for women's Crews shall weigh at least 110 lbs.
 - (3) A Coxswain in an Event for mixed Crews shall weigh at least 120 lbs.
- (b) Coxswains who do not comply with subsection (a) above shall carry deadweight in order to achieve the minimum weight. Any such deadweight shall be placed in the boat as close to the torso of the Coxswain as possible and such weight shall remain in the boat throughout the duration of the race.
- (c) It is specifically forbidden to distribute deadweight throughout the boat.
- (d) A Crew whose Coxswain does not have their deadweight at the finish of the Race shall not be placed.
- (e) At any time, before or immediately after the Race, the Referee, another Race Official, or a member of the Control Commission may require the weight of the deadweight to be checked.
- (f) Excess clothing, Equipment, electronic systems, tools, or other utilitarian devices germane to competition, shall not be considered part of the Coxswain's weight and shall not be included as part of any deadweight required under subsection (b) above.

4-106 Weighing of Competitors

- (a) Competitors shall be weighed in racing uniform without shoes or other footgear. The racing uniform shall cover the torso of the competitor.
- (b) The weight of Rowers in lightweight Events as described in [Rule 4-104.3 \("Lightweights"\)](#) shall be determined once each day during either the Weigh-in Window or the Adjusted Weigh-in Window, but not both, that applies to the first applicable Race of the day.

- (c) Lightweight Rowers who fail to weigh-in during either the Weigh-in Window or the Adjusted Weigh-in Window shall be deemed ineligible to race.
- (d) The weight of Rowers in lightweight Events as described in [Rule 4-104.3 \(“Lightweights”\)](#) shall be determined once each day during either the Weigh-in Window or the Adjusted Weigh-in Window, but not both, that applies to the first applicable Race of the day. Each Rower shall have only one (1) initial opportunity to weigh in. A Rower within one (1.0) pound or less of the weight standard is allowed one (1) re-weigh within the same window as their initial opportunity. A Rower whose initial weight is greater than one (1.0) pound above the weight standard will be ineligible to compete in the Event.
- (e) The weight of Coxswains as described in [Rule 4-105.1 \(“Coxswain’s Weight”\)](#) shall be determined once each day during either the Weigh-in Window or Adjusted Weigh-in Window but not both. In the event a Coxswain is weighed after the applicable Weigh-in Window or Adjusted Weigh-in Window but before the first Race in which the weight is relevant, the Coxswain may be subject to one of the penalties described in [Rule 2-602 \(“Types of Penalties”\)](#); the presumed penalty for such infraction is a Warning. Failure to weigh-in at any point in time prior to the first Race in which the weight is relevant shall constitute a violation of [Rule 4-105.1 \(“Coxswain’s Weight”\)](#) and result in the Coxswain being deemed ineligible to race.
- (f) When an Adjusted Weigh-in Window is created due to a scheduling change, a Competitor may weigh-in during either the original Weigh-in Window or the Adjusted Weigh-in Window, but not both, provided the Competitor completes their weigh-in prior to the newly Scheduled Time of the Race and on the same day as the newly Scheduled Time of the Race.

ARTICLE V –REGATTAS

Part A – Regatta Organization

5-101 Regatta Director

The Regatta Director shall have general responsibility for the logistical operation of the Regatta, shall be the principal liaison between the LOC and USRowing, and shall have the power to execute binding commitments on behalf of the LOC.

5-102 Regatta Secretary

The Regatta Secretary shall receive and administer procedures regarding entries, as described in Part B (“Entries”) of this article, and shall publish necessary and proper information regarding such entries. The Regatta Secretary shall supervise the publication of results.

Part B – Entries

5-201 Submission of Entries

- (a) The LOC shall establish the method of entry, all applicable deadlines and entry fees.
- (b) All Competitors must have a signed waiver on file at USRowing.
- (c) All entries must include: (1) the name of the Club submitting the entries, (2) the names of all Competitors, (3) USRowing membership number of each Competitor and the date of expiration,

(4) the affiliation of each Competitor, if such affiliation is not with the Club submitting the forms, and (5) the boatings of all Crews being entered.

5-202 Reporting of Entries

After entries have closed, the Regatta Secretary shall publish the number of entries received and the applicable format of the progression system that applies to each Event.

5-203 General Requirements for Entries and Affiliation (*)

- (a) Regattas shall be open to entries submitted by United States Clubs that are organizational members of USRowing, or by foreign Clubs that are members of the appropriate national rowing federation recognized by FISA or its national Olympic Committee. Such Clubs shall have been organized at least one month prior to the first day of the Regatta.
- (b) Regattas shall be open to Unaffiliated Competitors who may compete as “Unaffiliated” in a single Scull or as members of a composite Crew with other Competitors who are members of Clubs or are also Unaffiliated.
- (c) Only Competitors who are bona fide members of a Club shall be entered by that Club, except that a composite Crew may be entered by any of the Clubs to which one of the Competitors in the Crew belongs.
- (d) A Competitor shall represent only one Club at a Regatta. Individual exemptions from the requirements of this subsection may be granted by USRowing to Competitors upon a showing of good cause.
- (e) Foreign Competitors representing their national federation are exempt from USRowing membership requirements.
- (f) All Competitors at Registered Regattas shall be individual members of USRowing, or in the case of foreign Competitors, members of their national rowing federation recognized by FISA or its national Olympic committee.

5-204 Composite Crews

Composite Crews are those that include Competitors from more than one Club and/or Unaffiliated Competitors. Such Crews shall be ineligible to receive points or other scores used to determine Team trophies or awards. Once a Crew has been entered as a composite Crew, it shall remain so, regardless of subsequent substitutions.

5-205 False Entries

- (a) The Chief Referee, or his or her delegate, shall exclude any Crew when he or she determines that there has been intentional deception or falsehood in that Crew’s entry information concerning a Competitor’s identity, classification, affiliation, amateur standing, or other information relevant to his or her competitive status. The Chief Referee, or his or her delegate, may curtail or prohibit the further participation at a Regatta of any Team member found responsible for such deception or falsehood. The Chief Referee shall make a report of such incidents to USRowing.
- (b) A challenge to the entry of a Crew, or to the status of a Competitor, may be made by any Team to the Chief Referee or his or her delegate. Such challenge shall be made no later than one hour after

the final Race in an Event that is completed and shall be resolved pursuant to the procedures described in [Rule 2-607 \(“Protest Hearing”\)](#).

5-206 Substitutions

- (a) Once an entry has been submitted and the deadline for submitting the identity of members of the Crew has passed, a Crew other than a single Scull may substitute up to one half of its Rowers, as well as the Coxswain. The LOC may prohibit such substitution if it is not submitted in writing to the LOC at least one hour before the first Race of the Event in which the Crew is entered.
- (b) No substitutions shall be made for a Competitor in a single Scull (1x), except for illness or injury as provided in [Rule 5-207\(b\) \(“Illness of Competitors”\)](#).
- (c) After the first Race in an Event has taken place, the composition of a Crew shall remain the same and no substitution shall be allowed for any subsequent Races in that Event, except as provided in [Rule 5-207 \(“Illness of Competitors”\)](#).
- (d) Any substitutions must comply with the same provisions regarding Competitors contained in [Article IV \(“Competitors”\)](#), as applied to the original Competitor.

5-207 Illness of Competitors

- (a) If the LOC finds that serious and sudden illness or injury prevents a Competitor in a Crew other than a single Scull (1x) from competing, that Competitor may be substituted at any time before the Event is completed. A certificate from a health professional shall be required unless the LOC finds the requirement impractical. Such substitution shall not count toward the maximum amount of substitutions allowed under [Rule 5-206\(a\) \(“Substitutions”\)](#).
- (b) If the LOC finds that serious and sudden illness prevents a Competitor in a single Scull (1x) Event from competing, that Competitor may be substituted by the Club that submitted the entry at any time before the first Race in that Event. No substitution shall be made for a Competitor in a single Scull (1x) Event after the first Race of the Event, regardless of the circumstances.
- (c) A Competitor substituted due to illness or injury under this rule may not return to competition in the same Regatta until the Competitor is restored to good health. A certificate from a health care professional shall be required unless the LOC finds the requirement impractical.

5-208 USRowing Progression Systems

- (a) Progressions shall be determined based on the number of entries in an Event and the format of the Regatta.
- (b) All progressions shall be published in the initial Regatta packet. The final schedule may be amended based on the total number of entries.
- (c) Random lots or a randomized computer program shall be used to determine the composition of heats and the assignment of lanes in heats. In Events with more than 36 entries, the composition of the repechages shall be determined by seeding entries according to the order of finish in the heats. Lane assignments for subsequent rounds shall be assigned according to the orders of finish in the prior round.

5-209 Changes in the Form of Progression

- (a) Once the form of progression has been published, according to the number of entries received pursuant to [Rule 5-202 \(“Reporting of Entries”\)](#), it may be changed only under the following circumstances:
 - (1) by the LOC, no later than one hour before the Scheduled Time of the first Race in the Event, if due to scratches, the reduced number of entries would call for a different form of progression under the applicable progression system;
 - (2) by the LOC any time before the first Race in the Event, if due to scratches, the Event would be reduced to a final only, with no heats, under the applicable progression system.
- (b) If the LOC changes the form of progression under subsection (a), it shall conduct a new draw to determine composition of heats and lane assignments.

Part C – National Championship Regattas

5-301 National Championship Events (*)

USRowing shall post all National Championship Events for the calendar year on the USRowing web site at: www.usrowing.org typically by March 1. Each Regatta shall be described in its respective Regatta Packet, also to be posted on the USRowing web site at: www.usrowing.org.

5-302 Course Requirements (*)

National Championship Regattas shall take place on a Class “A” Course, unless specific approval for another level of Course is given by USRowing.

5-303 Masters National Championships (*)

- (a) Information about this Regatta, including the proposed listing and order of Events, shall be available on www.usrowing.org by early spring, typically by March 31.
- (b) When a Race consists of only one entrant per age category, a gold medal will automatically be awarded upon completion of the Race.

5-304 Youth National Championships (*)

- (a) The Youth National Championships is an invitation-only championship Regatta. Crews must qualify for a Youth National Championship invitation by attending a recognized qualification Regatta and placing in one of the 18 Youth National Championship Events.
- (b) USRowing will publish each year policies and procedures governing the Youth National Championships. These shall include eligibility, qualification standards, listing of qualification regattas, order of events, and any other requirements not covered in these rules. These policies and procedures shall be available in the Regatta Packet, available no later than March 1 each year on the USRowing web site: www.usrowing.org.

ARTICLE VI – TRIALS RULES

6-101 Title, Purpose, and Scope of Trials Rules

- (a) The rules contained in this article shall be known as the USRowing Trials Rules.

- (b) The purpose of these Trials Rules, in addition to those described in [Rule 1-102 \(“Purposes”\)](#), is to facilitate the process of selecting the most competitive Crew to represent the United States in international competition.
- (c) These Trials Rules shall apply to all Races, Events, and Regattas that are used to select the National Team that will represent the United States and bear the national colors in international competition, as defined in the Ted Stevens Amateur Sports Act of 1978, 36 U.S.C. § 220501 et seq., including but not limited to the Olympic Games, the Paralympic Games, the Pan American Games, and any FISA Championship Regatta.
- (d) Except where specifically altered or superseded in these Trials Rules, all other applicable FISA Rules of Racing in effect at the time shall be enforced. USRowing may publish each year such supplemental Selection Procedures as are consistent with these Trials Rules.

6-102 Trials Director

- (a) For each Trials, the CEO shall appoint a Trials Director, or in default of such appointment, shall be the USRowing Director of High Performance.
- (b) The Trials Director shall be responsible for implementing and executing the selection criteria and procedures adopted by the Board of Directors pursuant to [Rule 6-101\(d\) \(“Title, Purpose, and Scope of Trials Rules”\)](#).
- (c) The Trials Director shall have right of audience at all meetings and deliberations of the Jury, and the Trials Director shall consult, whenever practicable, with the Chief Referee on decisions related to the conduct of a Trials Regatta.

6-103 Substitutions

The Trials Director, after consultation with the Chief Referee, may relax the limitations on substitutions if such relaxation is appropriate in order to select the most competitive Crew.

6-104 Order of Racing

- (a) The start of each racing session shall be separated by at least six hours.
- (b) The exact schedule of racing shall be posted at the Regatta site no later than 6:00 p.m. on the day preceding the first Race in the Event. Racing is nevertheless subject to change depending upon weather or other conditions.

6-105 Penalties for Interference in Trials Races

[Deleted]

6-106 Results

The Chief Referee and Jury of a Trials Event shall certify in writing the results prepared by the Chief Judge as being in accordance with the Trials Rules. The results so certified shall be transmitted by the Chief Referee to USRowing headquarters.

ARTICLE VII – COURSES

Part A – General Course Requirements

7-100 Course Approval

USRowing must approve all Courses used for Registered Regattas. Such approval indicates only that the Course as represented to USRowing meets basic safety requirements for the race format proposed.

7-101 Minimum Requirements

Minimum Course requirements as well as specifications for Class “A”, Class “B”, and Class “C” Courses are available in the [USRowing LOC Guidance Manual](#). LOC’s wishing to register a Regatta are encouraged to review these specifications prior to requesting registration.

Part B – Classes of Courses

7-201 Classification of Courses

- (a) USRowing may classify Courses within the United States as either Class “A,” Class “B,” or Class “C” Courses.
- (b) If USRowing is of the opinion that a Course not complying with all the applicable specifications should nevertheless be certified as falling in a particular class, it may do so provided that it specifically finds that the Course complies with substantially all the requirements for the class and that any deviations do not detract from the quality of the Course as compared to others in that class.

ARTICLE VIII – HEAD RACES

8-101 Scope of Rules Regarding Head Races (*)

This Article shall apply to all Races at Registered Regattas that are conducted as Head Races. Articles I (“General”), III (“Equipment”), IV (“Competitors”), and V (“Regattas”) shall apply, where applicable by their terms, to Head Races. Article VII (“Courses”) shall not apply to Head Races. Article II (“Conduct of the Race”) shall apply to Head Races to the extent not superseded by the provisions of this Article.

8-102 Course Configuration (*)

USRowing must approve the Course layout for all registered Head Races. Such approval indicates only that the Course as represented to USRowing meets basic safety requirements for the race format proposed.

8-103 Officials

[Supersedes Rule 2-104(a) (“Officials”)]

For each Race, the Chief Referee shall cause to be assigned officials to perform the following functions:

- (a) Starter: The Starter shall be responsible for administering the starting procedures, including maintaining the order of the start and the proper intervals between Crews.

- (b) Marshal: The Marshal is responsible for organizing participating Crews above the start into the proper order and interval.
- (c) Timer: The Timer shall mark the starting time of each Crew.
- (d) Clerk: The Clerk is responsible for recording and communicating the starting time for each Crew.
- (e) Monitors: Monitors shall be stationed at each point along the Course wherever conditions may require the observation or control of Crews. Monitors shall note any violation of local Regatta rules, including traffic pattern rules, right of way rules, or turning rules. Monitors shall give instructions to Crews to avoid serious collision or accident, to avoid Interference, and are empowered to exclude a Crew on the spot while a Race is in progress.
- (f) Chief Judge: The Chief Judge shall mark the finish time of each Crew.

8-104 Qualifications of Officials (*)

All persons acting as Chief Referee at a registered Head Race Regatta shall hold a Referee license. The Starter, Marshal, member of the Jury, and the Chief Judge shall possess a Referee or Assistant Referee license.

8-105 Local Regatta Rules (*)

For each Regatta sponsoring a Head Race, the LOC shall devise and publish local Regatta rules that govern the conduct of racing and that are adapted to the particular characteristics of the Course.

8-106 Map of Course (*)

The LOC shall prepare and publish a map of the Course, showing the Starting area, finish area, paths to be taken by launching or returning Crews, the location of the first-aid station, and the Course itself.

8-107 The Start

[Supersedes Article II (“Conduct of the Race”), Part C (“The Start”)]

- (a) Any Crew that does not appear within the time specified in the local Regatta rules may be excluded by the Marshal or Starter.
- (b) The LOC may require that each Crew carry a bow number, denoting its place in the starting order, or that the bowperson of each Crew have the bow number affixed to his or her back, or both.
- (c) Crews shall be responsible for maintaining their proper order, for maintaining the proper interval between it and other Crews, and for staying within the chute as they approach the starting line. Crews not maintaining their proper position may be delayed, moved to the end of the starting order, penalized, or excluded by the Marshal or Starter.
- (d) All Crews not currently involved in the staging of the start shall yield to Crews being summoned by the Marshal or Starter. A Crew that interferes with the staging of the start may be penalized by the Marshal or Starter.
- (e) If racing is delayed, the Starter shall provide for a sufficient amount of time between Events, such that Crews in different Events do not overlap at the finish line.

8-108 The Body of the Race

- (a) Monitors shall give instructions to Crews in the manner set forth in the Rules of Racing. Should it be necessary to exclude or disqualify a Crew during a race, the monitor shall raise a white flag, order the Crew to “Stop!” and announce the decision.
- (b) If one or more Rowers are ejected or lost from a boat during a Head Race, the affected Crew must stop and remain with those individuals until all are safely out of the water.
- (c) After a Crew has finished the Race, it shall continue to row at least 100 meters to avoid interfering with following Crews.

8-109 The Finish

[Supersedes Article II (“Conduct of the Race”), Part E (“The Finish”)]

The order of finish shall be determined according to the order of elapsed times, after any time penalties have been assessed.

8-110 Types of Penalties

- (a) Time Penalties: The LOC may provide in the local Regatta rules for the imposition of time penalties, to be added to a Crew’s elapsed time, for violation of published local Regatta rules. Time penalties may be imposed by Race Officials for infractions of the rules that would have been punishable by a warning or false start under Article II (“Conduct of the Race”) of these rules.
- (b) Exclusion: See [Rule 2-602\(c\) \(“Types of Penalties”\)](#).
- (c) Disqualification: [See Rule 2-602\(d\) \(“Types of Penalties”\)](#).

ARTICLE IX – SUPPLEMENTAL RULES

Part A – Open Water Racing

9-101 Scope of Open Water Rules (*)

- (a) The rules contained in Part A of this article shall be known as the USRowing Open Water Rules.
- (b) These Open Water Rules shall apply to all Races that are held on open bodies of water, such as bays, gulfs, large lakes, or the ocean, and that do not comply with the minimum requirements of [Article VII \(“Courses”\)](#). Other parts of the Rules of Racing shall apply only if specifically adopted pursuant to the particular rules for the Event ([Rule 9-103, “Particular Rules of the Event”](#)).

9-102 General Principles of Open Water Racing (*)

The following principles shall govern the conduct of open water racing:

- (a) The LOC and Race Officials shall provide for the safety of participants and fairness of the competition and shall be empowered to take whatever action is necessary to achieve those purposes.
- (b) The Equipment used shall be appropriate to the body of water on which the Race is held and shall be capable of being operated safely under the prevailing environmental conditions.

- (c) Race Officials shall be appointed in sufficient number to observe and control the Race and to protect the competing boats from outside interference and hazard.
- (d) There shall be adequate communication between the competing boats, Race Officials, and safety personnel, and there shall be a commonly understood method by which officials may relay instructions to competing boats.
- (e) The Course shall be adequately marked and shall be described or identified to the Competitors before the Race begins.
- (f) Crews shall progress on the Course without outside assistance or interference. If a Crew is affected positively or negatively by an unfair circumstance, it is the responsibility of Race Officials to restore fair racing conditions.
- (g) Each boat shall be equipped with safety devices, including PFDs, in sufficient number to accommodate every Competitor.

9-103 Particular Rules of the Event (*)

To be eligible for registration by USRowing, each class or type of open water competition shall present for approval a set of particular rules and requirements that implement the General Principles of Open Water Racing contained in [Rule 9-102 \(“General Principles of Open Water Racing”\)](#), and that are adapted to the particular needs of that Event.

ARTICLE X – ADAPTIVE ROWING

Part A – Introductory Provisions

10-101 Scope of Rules Regarding Adaptive Rowing Races (*)

This Article shall apply to all Races at Registered Regattas that are conducted for Rowers who row in Adaptive Rowing Races. [Articles I \(“General”\)](#), [IV \(“Competitors”\)](#), [V \(“Regattas”\)](#), and [VII \(“Courses”\)](#) shall apply, where applicable by their terms, to Adaptive Rowing Races. [Articles II \(“Conduct of the Race”\)](#), [III \(“Equipment”\)](#), shall apply to Adaptive Rowing Races to the extent not superseded by the provisions of this Article.

10-102 Fairness

- (a) At all times when on the water during practice, warm up, cool down, and competition from the opening day of the Course until completion of the final Race of their competition, all Rowers who row in Adaptive Rowing Races must row with the prescribed equipment which must be used according to the boat and sport class. Equipment in this context refers to strapping and pontoons.
- (b) Failure to comply with these requirements may lead to a penalty being imposed on the Crew in accordance with these Rules, including but not limited to, where such failure to comply is judged to have taken place during a Race, relegation to last place in the particular Race or exclusion of the Crew. The appropriate penalty in all circumstances shall be at the discretion of the Race Official.
 - (1) Where such failure to comply has taken place during practice, any penalty given by the Race Official will apply to the first Race of the Event for that Crew.

Part B – Sport and Boat Classes

10-201 Adaptive Rowing Sport Classes

The sport classes for Adaptive Rowing are the following:

- (a) PR3-PI (Physical Impairment): allocated to Rowers with a verifiable and permanent impairment who have functional use of their legs, trunk, and arms for rowing, and who can utilize the sliding seat to propel the boat.
 - (1) Additional subclasses may be included as part of the PR3 (PI) category to include:
 - PR3(GD) - Genetic Dwarfism- As defined by IDSF (International Dwarf Sports Federation).
 - PR3(DS) - Down Syndrome: allocated to Rowers meeting the eligibility/classification requirements set by Virtus (formerly INAS), or (ii-2) and managed domestically by Athletes Without Limits; who has a formal diagnosis of Trisomy 21 Down syndrome, and; a statement that the rower is clear of symptomatic Atlantoaxial Instability (ASSI).
 - PR3(AK) - Single Leg, Above the Knee Amputee) Allocated to rowers who have and above knee amputation of one limb.
 - PR3(SA) - (Single Arm) This sport class is for PR3 rowers who are only able to row with a single arm connection to the handle. These impairments may be similar to the PR3(PI) sport class, but the rower may only have one arm connected to the handle. They are not allowed to use their affected arm or hand in any way when rowing on water or on the ergometer.
- (b) PR3-VI Visual Impairment (formerly LTA-VI (Legs, trunk, and arms – Visual Impairment)): allocated to Rowers with a verifiable and permanent visual impairment. Three subclasses are used in classification. Restrictions may be in place for Events on the number of Competitors in a Crew with a specific subclass classification.
 - (1) PR3-B1, PR3-B2, PR3-B3 (formerly LTA-B1, LTA-B2, LTA-B3): allocated to Rowers based on their visual acuity to the standards set by the IBSA.
- (c) PR3(II) - Intellectual Impairment, allocated to Rowers meeting the eligibility/classification requirements set by Virtus (formerly INAS), or (ii-1) and managed domestically by Athletes Without Limits, which include- An IQ of 75 or lower, significant limitations in adaptive behavior as expressed in conceptual, social, and practical adaptive skills, and impairment diagnosed before age 18.
- (d) PR2 (formerly TA (Trunk and arms)): allocated to Rowers with a verifiable and permanent impairment who have functional use of the trunk and who are unable to use the sliding seat to propel the boat due to significantly weakened function or mobility of the lower limbs.
- (e) PR1 (formerly AS (Arms and shoulders)): allocated to Rowers with a verifiable and permanent impairment who have minimal or no trunk function. A Rower in the PR1 sport class is able to apply force predominantly using the arms and/or shoulders. These Competitors will also likely have poor sitting balance.
- (f) NE (Not Eligible to Compete): allocated to Rowers who do not meet the minimum disability required to be eligible to compete in Adaptive Events.

- (g) Rowers may compete in a more functional sport class than their assigned sport class but not in a less functional sport class. For example, a Rower classified as PR2 may compete in PR3 Events, but may not compete in PR1 Events.
- (h) PR3-PI, PR3-B1, PR3-B2, PR3-B3, PR2, and PR1 are current Para Rowing sport classes.

10-202 Adaptive Rowing Boat Classes

- (a) There are no restrictions on the boat classes or Events that may be included in a Registered Regatta.
- (b) The LOC may specify Events for any combination of Adaptive Rowing Sport Class and category of boat. Examples of this type of Event include but are not limited to:
 - PR3 Mixed 8+
 - PR3 Men's 4+
 - PR3 ID 4+
 - PR3 1x
 - PR2 1x
- (c) Additionally, the LOC may specify Events that include a subset of Rowers who have an Adaptive Rowing Sport Class and one Rower, typically sitting in the bow seat, who does not meet the eligibility requirements for an Adaptive Rowing Sport Class. Examples of this type of Event include but are not limited to:
 - PR3 Mixed Inclusive 2x
 - PR2 Mixed Inclusive 2x
- (d) For Visually Impaired Events, it is also permissible to utilize guide boats where the Rower in the guide boat does not meet the eligibility requirements for an Adaptive Rowing Sport Class. In these Events, the guide boat relays visual directions only to the competing PR3-VI Crew, comprised solely of Rowers meeting the classification criteria for that sport class. Guides may not coach or instruct in anything not pertaining to visual guidance. Examples of this type of Event include but are not limited to:
 - PR3-VI 1x, guided

10-203 Para Rowing Boat Classes

The boat classes for Para Rowing, a subcategory of Adaptive Rowing, match the FISA Para Rowing Boat Classes used at the World Rowing Championships or Paralympics in the current year:

- PR3 Mixed coxed four (PR3 Mix4+)
- PR3 Mixed double sculls (PR3 Mix2x)
- PR2 Mixed double sculls (PR2 Mix2x)
- PR1 Men's single sculls (PR1 M1x)
- PR1 Women's single sculls (PR1 W1x)

In Mixed Para Rowing Events, half of the Rowers in a Crew shall be men and half shall be women. In the 4+, the Coxswain may be either a man or a woman and does not need to have an impairment. A PR3 Mix4+ Crew may include a maximum of two Rowers whose impairment is visual, only one of whom may

have a sport class of PR3-B3. A PR3 Mix2x Crew may include a maximum of one Rower whose impairment is visual and that Rower may be either PR3-B1 or PR3-B2.

10-204 Adaptive Rowing Sport Class Statuses

- (a) All Rowers racing in Adaptive Rowing Races shall be classified before competition, either by self-classification, if allowed, or by a USA or FISA Classification Panel. If a Rower enters a Regatta and does not have a classification status, the LOC may default him or her from the final results of the Race. Some Regattas may allow for self-classification and would indicate so in the Regatta packet. There are three designations for sport class status.
 - (1) New Status (USA-N): allocated to a Rower who has filled out and submitted the appropriate classification documentation or has been classified by only one Classifier and not a panel.
 - (2) Review Status (USA-R): allocated to a Rower by a Classification Panel if the Panel deems the Rower's sport class could change due to a particular disability, medical factors, or because of a lack of rowing experience. Competitors with this status shall be required to undergo further classification as specified by the Classification Panel.
 - (3) Confirmed Status (USA-C): allocated to a Rower by a Classification Panel consisting of a medical and a technical classifier when the Panel confirms that the Competitor's sport class will not change. Competitors with this status may compete in their designated class at any domestic regatta.
- (b) All Rowers who receive a USA designation must be classified by an International Classification Panel to compete at a FISA, Paralympic, or International Regatta.
- (c) There shall be no protests over another Rower's sport class designation.

Part C – Equipment

10-301 Adaptive Rowing Boats

- (a) Boats used for Adaptive Rowing may include both recreational and adaptive racing boats as well as traditional racing boats in the PR3 Events.
- (b) Whenever possible, Crews will compete against other Crews in the same sport class and type of boat (i.e. PR2 2x recreational, PR1 1x adaptive racing). If the number of entries is insufficient to run separate Events, a Race may combine entries with both recreational and adaptive racing boats.
- (c) All boats used for Adaptive Rowing Races must comply with the requirements set out in [Article III \(“Equipment”\)](#) and [Part C \(“Equipment”\)](#) of [Article X \(“Adaptive Rowing”\)](#).

10-302 Elite Para Rowing Boats

- (a) For Elite Para Rowing Events, FISA Standard Para Rowing boats shall be used for PR1 1x and PR2 2x events.
- (b) Boats used in PR3 Mix4+ Events shall be subject to the same restrictions as those for coxed fours (4+) set out in [Article III \(“Equipment”\)](#). No additional restrictions shall apply.

- (c) Boats used in PR3 Mix2x Events shall be subject to the same restrictions as those for double sculls (2x) set out in [Article III \(“Equipment”\)](#). No additional restrictions shall apply.

10-303 Standard Para Rowing PR1 1x Boat

- (a) The FISA Standard Para Rowing PR1 1x Boat has a fixed seat and must have stabilizing pontoons installed, attached to riggers at a minimum distance of 60 cm from the center line of the pontoon to the center line of the boat. The pontoons should be fixed in position so that when the Rower is seated in the balanced boat both pontoons shall be horizontal and may touch the water. The hull and the pontoons shall comply with the FISA Standard Design specifications.
- (b) The seat itself and the rigger design are not restricted, except that the design of the seat must be compatible with the FISA Standard Design seat fixing and the design of the rigger must allow for the stabilizing pontoons to be correctly fixed.
- (c) PR1 1x Rowers are required to comply with the strapping requirements set out in Rules [10-305 \(“Strapping”\)](#) and [10-306 \(“General Strapping Requirements”\)](#).

10-304 Standard Para Rowing PR2 Mix2x Boat

- (a) The FISA Standard Para Rowing PR2 Mix2x boat has a fixed seat and may have stabilizing pontoons. The hull, the pontoons where fitted, and the seat fixing shall comply with the FISA Standard Design specifications.
- (b) The seat itself and the rigger design are not restricted, except that the design of the seat must be compatible with the FISA Standard Design seat fixing.
- (c) PR2 Mix2x Rowers are required to comply with the strapping requirements set out in Rules [10-305 \(“Strapping”\)](#) and [10-306 \(“General Strapping Requirements”\)](#).

10-305 Strapping

- (a) PR1 Strapping Requirements – PR1 Rowers shall use a mandatory trunk strap which is for safety purposes only. This strap must be secured to the seat back and around the trunk. In addition to the mandatory trunk strap, Rowers may use additional strapping. The design and placement of the seat and all straps must allow the lumbar region to be visible from the side during rowing. The straps must be attached to the seat on both sides.
- (b) PR2 Strapping Requirements – Leg Strapping is optional for PR2 Rowers.

10-306 General Strapping Requirements

- (a) All straps must be a minimum width of 50 mm, be of non-elastic material, be without mechanical buckles and must be able to be released immediately by the Rower with a single quick hand action of pulling on the free end of the strap.
- (b) The color of all straps must be a contrasting color from the Rower’s racing uniform so that they can be clearly seen.
- (c) All straps for each Rower must be released in the same manner and direction.
- (d) Any hand strapping must be able to be released immediately independently by the athlete.
- (e) Additional strapping may be used by any Rower provided the requirements of these Rules are met.

- (f) It is solely the responsibility of the Rower to ensure that all strapping is compliant with these Rules.
- (g) The penalty for having raced with non-compliant strapping and/or in the case of an PR1 1x Rower if the lumbar region of the Rower does not stay in contact with the seat when reaching forward, shall be that the Crew is relegated to last place in the particular Race. If two or more Crews in the same Race have a non-compliant strap or movement, they shall all be relegated and they shall be ranked in the descending order of finish. If the Crew races again with a non-compliant strap or movement in a later round of the same Event, then the penalty shall be the exclusion of the Crew.

10-307 Capsizing Release

[Supersedes 3-108 (“Footgear Release”)]

To avoid accidents arising from capsizing, all boats shall be equipped with stretchers or shoes that allow the Rowers to get clear of the boat without using their hands and with the least possible delay.

10-308 Eyewear for Visually Impaired Rowers

[Deleted]

10-309 Boat Weights

- (a) Boat weights shall only be regulated at Regattas to determine a national champion or to select the National Team in Events for Elite Para Rowers.
- (b) In addition to the requirements of [Rule 3-104 \(“Minimum Weight of Boats”\)](#), the minimum weights for Adaptive Rowing boats shall include pontoons where used.
- (c) The weight of PR1 1x and PR2 2x boats shall include the strapping which is firmly fastened to the boat, to the seat and/or to its fittings. It shall also include seat pads which are attached to the seat.
- (d) Other items, whether directly related to Adaptive Rowing or not, which are not firmly fastened to the boat or seat shall not be included in the weight of the boat.
- (e) Equipment that replaces a part of the body (prosthesis) even if firmly fastened to the boat or seat shall not be included as part of the weight of the boat.

10-310 Minimum Weight of Boats

All Elite Para Rowing boats shall comply with the following minimum weights:

| Category | Weight (lbs.) | Weight (kg.) |
|----------|---------------|--------------|
| PR1 1x | 52.91 | 24 |
| PR3 2x | 59.53 | 27 |
| PR2 2x | 81.57 | 37 |
| PR3 4+ | 112.44 | 51 |

Part D – Courses

10-401 Safety of Rowers

- (a) The Chief Referee and/or LOC may require additional safety or rescue boats to be present on the Course of all Adaptive Rowing Events, but particularly for PR1 1x Events.
- (b) Particular care must be taken in weather conditions which may generate extreme uncontrolled body temperatures.

10-402 Traffic Rules

In principle the traffic rules shall provide clear separation between fixed seat Adaptive Rowing Crews and all other Crews during practice and racing for the safety of all Crews whenever possible.

Part E – Conduct of the Race

10-501 Starting Commands

For PR3 Mix4+, PR3 Mix2x, and any other Events known to include Rowers with visual impairment, the Starter shall give an additional verbal indication to the Crews as follows:

- After completing the roll call and stating the word “Attention,” the Starter shall say the words “Red Flag” at the same time as he or she raises the Starter’s flag (or in the case where traffic lights are used, “Red Light” at the same instant that he or she presses the button to activate the red light).
- The remainder of the start commands are given as described in [Rule 2-306 \(“Starting Commands with Flags”\)](#) or [Rule 2-306.1 \(“Starting Commands with Lights”\)](#).

10-502 Acknowledgment of Penalties Assessed at the Start

When the Starter awards a penalty to a Crew in a coxed Adaptive Event, the Coxswain of that Crew shall raise his or her arm to acknowledge understanding that the penalty has been assessed to his or her Crew.

10-503 Finish of the Race

At the finish of the Race in PR3 Mix4+, PR3 Mix2x, and any other Events known to include Rowers with visual impairment, when raising the white flag, the Referee shall clearly state the words “White Flag” for all Crews to hear. Should the Referee raise the red flag, he or she shall clearly state “Red Flag”.

10-504 Lodging an Objection

A Crew wishing to lodge an objection shall signal to the Referee immediately after finishing the Race by having a member of the Crew raise his or her hand until the attention of the Referee has been gained. Alternatively, if their hands are strapped, a Rower may clearly call out “Objection!” so that the Referee hears. It is the responsibility of the Rower to ensure that the Referee hears the call and is aware of the objection.

ARTICLE XI – INDOOR ROWING

Part A – Introductory Provisions

11-101 Scope of Rules Regarding Indoor Rowing Races (*)

This Article shall apply to all Indoor Rowing Races at Registered Regattas. [Articles I \(“General”\)](#) and [V \(“Regattas”\)](#) shall apply, where applicable by their terms, to Indoor Rowing Races. [Articles II \(“Conduct of the Race”\)](#), [III \(“Equipment”\)](#), [IV \(“Competitors”\)](#), shall apply to Indoor Rowing Races to the extent not superseded by the provisions of this Article.

11-102 Indoor Rowing Defined (*)

A Regatta where all Events are contested using an Indoor Rowing Machine.

11-103 Definitions (*)

[Definitions of terms listed here that also exist in [1-202 \(“Other Definitions”\)](#) supersede those definitions. Definitions of terms that are new and only apply to Indoor Rowing are added to the end of the list of terms.]

(f) “Course” shall mean the prescribed goal to be achieved on the Indoor Rowing Machine. A Course may be a prescribed distance, a prescribed time or other measures as defined by the Race type and published in the Race Packet.

(h) “Coxswain” shall mean any person who is not a Rower who does not participate in the physical propulsion of the Indoor Rowing Machine, but who does provide verbal guidance and encouragement to a Competitor. This person may alternatively be referred to as a “Coach”.

(j) “Equipment” shall mean the Indoor Rowing Machine.

(r) “Interference” shall consist of physical contact with another Competitor.

(dd) “Rower” shall mean any person who participates in the physical act of generating work as measured by the Indoor Rowing Machine.

(jj) “Starting area” shall mean the first 30 seconds of elapsed time as measured by the Indoor Rowing Machine.

(tt) “Indoor Rowing Machine” shall mean a variable resistance machine where the resistance changes with the force exerted by the Competitor.

(uu) “Data File” shall mean the electronic data generated by an Indoor Rowing Machine that records the elapsed time, calories or other measures as defined by the Race type in the Race Packet.

(vv) “Drag Factor” shall mean the amount of resistance selected by a Competitor on their assigned Indoor Rowing Machine.

(ww) “RPM” shall mean the Revolutions Per Minute as measured by the Indoor Rowing Machine.

(xx) “Race Computer” shall mean the computer program that manages the graphical displays of the connected Indoor Rowing Machines, receives the Data File from connected Indoor Rowing Machines, and manages the overall technical process of managing the Race.

11-104 Officials

[Supersedes 2-104 (“Officials (*)”)]

- (a) For each Race at a Regatta, the Chief Referee shall cause to be assigned Race Officials to perform the following functions:
 - (1) Referee: The Referee shall have general supervision of the Race. There shall be an appropriate number of Referees in relation to the number of Indoor Rowing Machines to be supervised. The international recommendation is 1 Referee per 10 Indoor Rowing Machines.
 - (2) Starter: The Starter shall administer the starting procedures and shall be responsible for their fairness.
 - (3) Chief Judge: The Chief Judge shall administer the procedures for reviewing the Data Files of each Rower’s Indoor Rowing Machine for the purposes of determining the order of finish and shall be responsible for their fairness.
- (b) The Chief Referee may assign a Race Official to perform the duties of both the Starter and Chief Judge.
- (c) All persons acting as a Referee, Starter, or Chief Judge at any Registered Regatta shall have a valid Referee or Assistant Referee license.
- (d) International FISA Umpires holding a valid FISA umpiring license, or international umpires/officials holding a valid national license, can work in the United States at USRowing Registered Regattas after receiving approval from USRowing.

Part B – Conduct of the Race

11-201 Drag Factor Setting (*)

Rowers may set the Drag Factor before their Race begins and shall not adjust the setting during the Race itself. The presumed penalty for changing the Drag Factor during a Race is exclusion.

11-202 Reporting to the Start

[Supersedes 2-301 (“Reporting to the Start”)]

- (a) Each Rower shall be seated on their Indoor Rowing Machine two minutes before the Scheduled Time of the Race.
- (b) A Rower not seated on their Indoor Rowing Machine at least two minutes before the Scheduled Time of the Race may be assessed a warning ([Rule 2-602\(b\)](#), “Types of Penalties”) by the Starter. A Rower that is not seated on their Indoor Rowing Machine by the Scheduled Time of the Race may be excluded by the Starter.
- (c) If racing is delayed, the Starter may announce a new racing time, which shall have the same effect as the original Scheduled Time for purposes of this rule.
- (d) Each Rower may have one person acting as Coxswain to verbally assist them through the Race. That person must also be present at least two minutes before the Scheduled Time of the Race. If the Race has been started and the person is not present with the Rower, they shall not be allowed to join the Rower at their Indoor Rowing Machine.

11-203 Changing the Start Time of a Race

[Supersedes 2-303 (“Changing Race Times and Lane Assignments”)]

The Starter may change the schedule of racing.

11-204 Start

[Supersedes 2-304 (“Alignment”) and 2-305 (“Start”)]

- (a) After all Rowers are seated at their Indoor Rowing Machines and approximately one minute before the start, the Starter shall say “Stop Rowing”.
- (b) All Rowers shall cease rowing and sit in the start position holding the handle awaiting the starting commands.
- (c) Once the flywheels of each Indoor Rowing Machine have fallen below the RPM threshold of the Race Computer, the Starter shall say “Sit Ready”. The flywheel shall remain below the threshold.
- (d) Any Rower not following the instructions of the Starter or not ready to race without good reason by the time the Race Computer enables the start may be given a Warning pursuant to [Rule 2-602 \(“Types of Penalties”\)](#).

11-205 Starting Commands

[Supersedes 2-306 (“Starting Commands with Flags”), 2-306.1 (“Starting Commands with Lights”) and 2-307 (“Quick Start”)]

- (a) When the Starter sees that all flywheels are stopped and all Rowers are ready to race, the Starter shall start the Race by triggering the Race Computer starting command sequence.
- (b) The Race Computer shall display the visual symbols of the starting sequence on the graphic display screens of all Indoor Rowing Machines. The starting sequence may also be audible.
- (c) The starting sequence shall be: “Sit Ready, Attention – GO!”. Older Indoor Rowing Machines may display “Sit Ready, Attention – ROW!”.
- (d) The audible signal, if it is being used, may be an electronic signal or a spoken word.
- (e) The command “GO!” or “Audible signal” is the signal to start the Race.

11-206 False Start

[Supersedes 2-308 (“False Start”)]

- (a) A Rower commits a false start when they move the handle to engage the flywheel or the Race Computer registers any Rower’s flywheel to be above the RPM threshold before the monitor signals “GO.”
 - (1) If the Race Computer registers any Rower’s flywheel to be above the RPM threshold before the monitor signals “GO.”, the Indoor Rowing Machine shall display a “FALSE START” message on the graphic display screen and display the number of the Indoor Rowing Machine(s) that committed the false start.
- (b) A Rower committing a false start shall be assessed a warning. A Rower that receives two warnings, including false starts, applicable to the same Race shall be excluded [under Rule 2-602\(c\) \(“Types of Penalties”\)](#).
- (c) In the event of a false start, the Starter shall stop the Race by sounding a bell or sound device and calling “Stop Rowing!”

11-207 Failure to Start

[Supersedes 2-309 (“Failure to Start”)]

Any Rower not ready to race without good reason by the time the Race Computer indicates a ready to start condition or who in the opinion of the Starter deliberately delays the race may be given a warning under [Rule 2-602\(c\) \(“Types of Penalties”\)](#).

11-208 Broken Equipment

[Supersedes 2-310 (“Broken Equipment”)]

- (a) Each Rower is responsible for their own Indoor Rowing Machine during the Race.
- (b) In case of any damage caused by the Rower to a machine or to the installations or connections which prevents the Rower from completing a Race or which causes their performance over the Course not to be recorded, the Rower shall be deemed not to have finished the Race and shall not take any further part in that Event.
- (c) In the event of damage or failure which is not caused by the Rower the following shall apply:
 - (1) In a preliminary heat or other rounds except a final, the Rower shall be permitted to compete again in a later heat, or, if there are no further heats, shall be permitted to row alone at a time to be specified by the Chief Referee and the result shall be their performance over the Course so recorded.
 - (2) In a final, where the damage or failure occurs within 30 seconds of the Start, the Starter shall stop the Race and will restart the Race with all Rowers once any repair has been made. In other cases, the Race shall continue, and the Rower shall be deemed to have stopped rowing. Except where such damage or failure is part of the Race Computer, the Chief Referee shall decide whether a re-row of the whole Race is required in the case that the performance of all Rowers over the Course cannot be recorded.

11-209 Interference or Foul

[Supersedes 2-404 (“Interference or Foul”)]

- (a) During a Race no Rower or another person shall interfere with another Rower or their designated Indoor Rowing Machine.
- (b) In the case of such interference which affects the outcome of the Race the Chief Referee shall decide on the action and the resultant penalty. The presumed penalty is exclusion.
- (c) Pushing or physically assisting a Rower is not permitted and shall be regarded as interference.
- (d) Subsection (c) above notwithstanding, events with adaptive Rowers may allow for pushing or physical assistance as long as it is published in the Regatta Packet.
- (e) The Chief Referee is responsible to ensure that no external factors influence the result of a Race and to take appropriate action if such influence has occurred.

11-210 Outside Assistance

[Supersedes 2-409 (“Outside Assistance”)]

- (a) A Rower is allowed to have one person acting as a Coxswain who shall give the Rower verbal encouragement and information during the Race.
- (b) Physical contact between Rowers and Coxswains is not allowed during the Race. The presumed penalty for physical contact is exclusion.

- (c) It is prohibited to give any instructions, advice or directions to Rowers that are racing with any electric, electronic or other technical devices. The presumed penalty for communication by electronic means is exclusion.
- (d) Anyone acting as a Coxswain shall be seated behind the Rower unless they have explicit permission from the Chief Referee to stand in a different position.
- (e) Instructions regarding the contact that a Coxswain is allowed to have with the Indoor Rowing Machine shall be described in the Regatta Packet.

11-211 Finish of the Race

[Supersedes 2-501 (“Finish of the Race”)]

- (a) A Rower has finished the Race when the Indoor Rowing Machine monitor shows that the Rower has completed the Course for the Race.
- (b) A race is concluded when all Rowers have completed the Course for the Race.
- (c) Rowers shall be ranked in order of the prescribed goal of the Race as determined by the Race Computer evaluating the Data Files generated by the Indoor Rowing Machines.
- (d) If a Rower indicates he wishes to make an objection or if the Referee considers that the Race was not in order, the Referee shall raise a red flag at the end of the race and announce that the results will be withheld pending an objection. The Referee shall inform the rowers and the Chief Referee of the decision. The results shall not be announced as official until the Chief Referee has given his decision.
- (e) The results of the Race shall be considered official once the Referee has raised the white flag and the Chief Judge has certified the results.
- (f) Results shall be released to Competitors, spectators, and the media as official with the approval of the Chief Judge. The results of a Race that has not been declared official may be released and shall be marked as unofficial.
- (g) All results are subject to revision based on the outcome of Equipment and Competitor compliance validations.

11-212 Placement of Crews; Dead Heats

[Supersedes 2-502 (“Placement of Crews; Dead Heats”)]

- (a) Subject to the other subsections of this Rule, Rowers competing in a Race shall be placed by the Chief Judge according to the order of finish as prescribed by the Course and recorded by each Rower’s Indoor Rowing Machine. Being placed shall entitle the Rower to applicable awards, prizes, or advancement in the progression system.
- (b) A Rower that does not complete the prescribed Course for the Race shall not be placed and shall not be entitled to advance in the progression system.
- (c) A dead heat shall be declared if two or more Rowers have completed the prescribed Course for the Race and have identical data in the Data Files of each Rower’s Indoor Rowing Machine.
- (d) If there is a dead heat in any round other than a final, all Rowers shall proceed to the next round.
- (e) In a final, if a dead heat occurs between Rowers, they shall be given equal placing in the final order and the next placing shall be left vacant.

Part C – Equipment

11-301 Indoor Rowing Machines

[Supersedes 3-101 (“Free Construction of Equipment”)]

Except as specifically limited in these rules, there shall be no limitations on the design and construction of Indoor Rowing Machines.

11-302 Consistency of Equipment

[Supersedes 3-102 (“General Requirements for Boats”)]

- (a) All Rowers in a Race shall use an identical make and model of Indoor Rowing Machines, the intention being that each Rower shall have equal racing conditions with all other Rowers.
- (b) Each Indoor Rowing Machine shall be capable of producing a Data File and communicating with the Race Computer.
- (c) No attachments may be added or connections made to any machine without the approval of the Chief Referee and Race Director.
- (d) Rowers shall not be permitted to use their own Indoor Rowing Machine but shall use the Indoor Rowing Machine to which they are allotted.

11-303 Availability of Equipment

The number of Indoor Rowing Machines may vary from Event to Event and may encompass one or more Races within an Event. The number of Indoor Rowing Machines to be used in each Race shall be published to all Competitors in the Regatta Packet.

11-304 Footboard

[Supersedes 3-108 (“Footgear Release”)]

No alterations shall be made to the footboard of the Indoor Rowing Machine other than approved alterations for Para Rowing or Adaptive Events. Alterations shall be allowed under [11-302 \(“Consistency of Equipment”\) \(c\)](#).

Part D – Competitors

11-401 Eligibility to Compete in Events

[Extends 4-103]

- (1) A Rower in an Indoor Rowing Event may choose to compete in more than one Event. All Events entered by a Rower must be completed for any result to count. If a Rower does not compete in the first Event entered, the Rower shall be scratched from all subsequent Events. A Rower who does not compete in a subsequent Event having completed prior Events, may have their prior results nullified unless the failure to compete in subsequent Events is due to verified illness or injury.

11-402 Classification by Age

[Supersedes 4-104.1 (“Classification by Age”)]

- (a) The age of a Rower for Indoor Rowing Events shall be determined as of December 31 of the current calendar year, rounded down to the nearest whole number.

- (b) A Rower in an Indoor Rowing Event shall be 12 years or older.
- (c) The following classifications are used to determine a Competitor's eligibility based on age:
 - (1) U23: A Competitor may compete in the U23 category until December 31 of the year of their 22nd birthday.
 - (2) U21: A Competitor may compete in the U21 category until December 31 of the year of their 20th birthday.
 - (3) U19: A Competitor may compete in the U19 category until December 31 of the year of their 18th birthday.
 - (4) U17: A Competitor may compete in the U17 category until December 31 of the year of their 16th birthday.
 - (5) U15: A Competitor may compete in the U15 category until December 31 of the year of their 14th birthday.
- (d) Youth: A Youth is a Competitor who in the current calendar year does not attain the age of 19, or who is and has been continuously enrolled in a secondary school as a full-time student seeking a diploma. A Competitor thus ceases to be a Youth after December 31 of the year of his or her 18th birthday, or of the year in which he or she completes the 12th grade of secondary school, having been a full-time student, whichever is later.
- (e) Master: A Master is a Competitor who has attained or will attain the age of 21 during the current calendar year. A Competitor thus becomes a Master on January 1 of the year of his or her 21st birthday.
 - (1) A Masters Competitor shall be classified by age according to the following categories:
 - (AA) 21 to 26 years,
 - (A) 27 to 35 years,
 - (B) 36 to 42 years,
 - (C) 43 to 49 years,
 - (D) 50 to 54 years,
 - (E) 55 to 59 years,
 - (F) 60 to 64 years,
 - (G) 65 to 69 years,
 - (H) 70 to 74 years,
 - (I) 75 to 79 years,
 - (J) 80 to 84 years,
 - (K) 85 and over.
 - (2) In a Masters Crew Event where two or more Rowers are in the same Crew, all Rowers in that Crew must meet the age requirement for the category in which they are competing.
 - (3) There shall be no averaging of ages within a Crew.
 - (4) There shall be no handicaps applied to results in an Indoor Rowing Event.

11-403 Lightweights

[Supersedes 4-104.3 ("Lightweights")]

A lightweight Rower is one that complies with the requirements below. An open Event is one that is not a lightweight Event. A flyweight Event is a lightweight Event.

- (a) Men:

- (1) A men's lightweight Rower shall not weigh more than 165 lbs.
- (2) A men's flyweight Rower shall not weigh more than 140 lbs.
- (b) Women:
 - (1) A women's lightweight Rower shall not weigh more than 135 lbs.
 - (2) A women's flyweight Rower shall not weigh more than 115 lbs.
- (c) There shall be no lightweight categories for Youth Events.
- (d) Rules relating to Regattas governed by FISA may vary.

11-404 Weighing of Competitors

[Supersedes 4-106 (“Weighing of Competitors”)]

- (a) Competitors shall be weighed in racing uniform without shoes or other footgear. The racing uniform shall cover the torso of the competitor.
- (b) The weight of Rowers in lightweight Events as described in [Rule 11-403 \(“Lightweights”\)](#) shall be determined once each day during either the Weigh-in Window or the Adjusted Weigh-in Window, but not both, that applies to the first applicable Race of the day.
- (c) Lightweight Rowers who fail to weigh-in during either the Weigh-in Window or the Adjusted Weigh-in Window may still row in their Event. Their results shall be recorded in the open category for their Event.
- (d) The weight of Rowers in lightweight Events as described in [Rule 11-403 \(“Lightweights”\)](#) shall be determined once each day during either the Weigh-in Window or the Adjusted Weigh-in Window, but not both, that applies to the first applicable Race of the day. Each Rower shall have only one (1) initial opportunity to weigh in. A Rower within one (1.0) pound or less of the weight standard is allowed one (1) re-weigh within the same window as their initial opportunity. A Rower whose initial weight is greater than one (1.0) pound above the weight standard will be ineligible to compete in the Event.
- (e) When an Adjusted Weigh-in Window is created due to a scheduling change, a Competitor may weigh-in during either the original Weigh-in Window or the Adjusted Weigh-in Window, but not both, provided the Competitor completes their weigh-in prior to the newly Scheduled Time of the Race and on the same day as the newly Scheduled Time of the Race.
- (f) A Flyweight Rower as described in [Rule 11-403 \(“Lightweights”\)](#) who fails to achieve the Flyweight weight, but is less than the Lightweight weight, may still row on their assigned erg at their originally assigned time. Their results will be recorded in the lightweight category for their Event.

Part E – Indoor Rowing Regattas

11-501 Substitutions

[Supersedes 5-206 (“Substitutions”)]

- (a) No substitutions shall be made for a Competitor, except for illness or injury as provided in [Rule 5-207\(b\) \(“Illness of Competitors”\)](#).
- (b) After the first Race in an Event has taken place, the composition of a Crew shall remain the same and no substitution shall be allowed for any subsequent Races in that Event, except as provided in [Rule 5-207 \(“Illness of Competitors”\)](#).

- (c) Any substitutions must comply with the same provisions regarding Competitors contained in [Part D of these rules \(“Competitors”\)](#), as applied to the original Competitor.

REFEREE PROCEDURES
MANUAL 2021

2021 Referee Procedure Changes

No changes were made to the Referee Procedures Manual for 2021.

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I) INTRODUCTION

This manual is intended to serve as guidance for licensed referees in performing the duties assigned to Referees at Registered Regattas. It is not a replacement for reading and understanding the Rules of Racing as not all Rules have additional procedural information described in greater detail in this document. Not all positions will be in use at all Regattas nor will licensed Referees staff all positions if not required by the [Rules of Racing](#). These procedures are only a framework; please refer to any Regatta specific instructions from the Chief Referee and the information in the Regatta packet for any variations or exemptions. Indoor events do not require a licensed official to attend for approval as a Registered Regatta.

In this manual, references to terms defined in the [Rules of Racing, Rule 1-202](#) are capitalized. Additionally, references to specific positions typically staffed by licensed referees are in italics. When referring generally to a licensed Referee or Assistant Referee, the term “referee” with neither capitalization nor italics will be utilized unless capitalization is required for correct grammar.

II) REGATTA RACE OFFICIAL POSITIONS AND PROCEDURES

The Race Official staffing for a Regatta is comprised of a Chief Referee and other licensed referees. The Chief Referee for a Registered Regatta must have a Referee license; others may have a Referee or Assistant Referee license. The Local Organizing Committee (LOC) for a Regatta may select the Chief Referee, and work in conjunction with the Chief Referee to recruit the other Race Officials, except where specifically designated otherwise in the Internal Operating Procedures (IOP) of the Referee Committee. A Registered Regatta may have the following minimum number of Race Officials:

- Sprint race - 5 licensed Race Officials (required)
- Dual/Tri - 3 licensed Race Officials (required)
- Head race - 3 licensed Race Officials (required)
- Indoor race - 3 licensed Race Officials (recommended)

1) Chief Referee

The Chief Referee will fulfill his or her role by performing the following duties:

- Work with the LOC to recruit referees
- Assign referees to positions and oversee their work
- Be President of the Jury
- Determine the members of the Jury
- Verify the existence of safety requirements at the regatta site and shall execute the Regatta Safety Checklist reporting his or her findings and send it to USRowing
 - It is required that the USRowing Regatta Safety Checklist be submitted electronically through the referee data system.

- If there are significant safety issues with the Regatta that are documented in the Checklist, a signed copy must be sent to USRowing.
- Staff the Control Commission to ensure that Crews and Competitors comply with the rules regarding equipment ([Article III, “Equipment”](#)) and the rules regarding Competitors ([Article IV, “Competitors”](#))
- Ensure that Competitors required to undergo drug testing are identified to the officials responsible for this immediately after getting out of their boat
- In the case of unsafe or unfair conditions, shall consult, if possible, with the LOC either before suspending racing, or as soon as practicable thereafter
- May act individually as a Race Official
- Perform such other functions as are assigned to him or her under the Rules of Racing

a) Pre-Regatta Meeting

Prior to the first Race of the Regatta, typically beginning at least one hour before the first Race, the Chief Referee will conduct a pre-regatta meeting, also known as the Coaches and Coxswains meeting, to cover information relevant to the Regatta. If the Regatta includes Adaptive Rowing Events, the meeting must be held in an accessible area in accordance with the Accessible Routes standard (402) of the Americans with Disabilities Act.

At a minimum, this meeting should cover the following topics:

- Any local rules and exceptions/amendments to the Rules of Racing
- Traffic Pattern
- Regatta Time
- Emergency Procedures (e.g. course evacuation, medical)

2) Race Officials

Race Officials for a Regatta must possess a Referee or Assistant Referee license. Certain positions must be staffed by a licensed Referee or Assistant Referee, while others may be staffed with LOC volunteers. The requirements are different for a Head Race and for a Sprint Race.

a) Sprint Racing

The following positions must be staffed by a licensed Referee or Assistant Referee

- *Referee*
- *Starter*
- *Judge at start*
- *Chief judge*

b) Head Racing

The following positions must be staffed by a licensed Referee or Assistant Referee

- *Starter*
- *Start marshal*
- *Chief judge*

- *Jury*

c) Indoor Racing

The following positions must be staffed by a licensed Referee or Assistant Referee

- *Starter*
- *Chief judge*
- *Referee*

d) Jury

The *jury* shall normally be comprised of five members, including the Chief Referee as President. A different number may be designated by the Chief Referee, provided that there is an odd number of members and that there are no fewer than three members.

3) Control Commission

The *control commission* verifies that Crews and Competitors comply with the rules regarding Equipment ([Article III, “Equipment”](#)) and the rules regarding Competitors ([Article IV, “Competitors”](#)). If the Regatta includes Adaptive Rowing Events, the control commission also ensures compliance with [Part B \(“Sport and Boat Classes”\)](#) and [Part C \(“Equipment”\)](#) of [Article X \(“Adaptive Rowing”\)](#). If the Regatta includes Indoor Rowing Events, the control commission also ensures compliance with [Part C \(“Equipment”\)](#) of [Article XI \(“Indoor Rowing”\)](#) The tasks typically under direct control of licensed referees fall into several categories:

- Athlete Weigh-Ins
 - Weighing of lightweight Rowers
 - Weighing of Coxswains and checking dead weight to be carried by Coxswains
- Boat Weighing
 - Minimum weight of boats
- Athlete/Crew Identification
 - Requirement of a bow number
 - Prohibited advertising
 - Uniforms
- Boat Safety Checks
 - Requirement of a bowball on the boat that meets the specifications in [Article III \(“Equipment”\)](#)
 - Requirement of foot release devices that meets the specifications in [Article III \(“Equipment”\)](#)
 - Minimum thickness of Oars
 - Dimensions of Coxswain openings, especially in bow-coxed boats
 - Use of prohibited substances on the hull or oars
- Adaptive Rowing Equipment Compliance
 - Requirement for Capsizing Release specified in [Part C \(“Equipment”\)](#) of [Article X \(“Adaptive Rowing”\)](#)
 - Fixed Seat and strapping for PR1, PR2 Rowers

- Placement and height of pontoons on PR1 boats
- Compliance with standard Para Rowing boat specifications for Elite Para Rowing Events
- Indoor Rowing Equipment Compliance
 - Verify that any modifications to the Indoor Rowing Machine have been approved by the Chief Referee and LOC

Other tasks included in the duties of the *control commission* are typically handled by the LOC, including

- Substitution of Competitors
- Replacement of Ill Competitors
- Classification by age of Competitors
- Classification by skill of Competitors
- Adaptive Rowing Classification of Competitors
 - Classification is conducted by certified Classifiers but may be arranged by the LOC

a) Athlete Weigh-Ins

Consistent application of the procedures for determining eligibility to compete as a Coxswain or lightweight Rower is essential. The rules set forth in the Rules of Racing, or as amended in the Regatta packet, are to be followed to ensure that all Crews receive the same fair, consistent treatment.

(1) Role

Ensure that all lightweight Rowers and Coxswains comply with their respective weight limit rules and that they are weighing in within an official Weigh-in Window or Adjusted Weigh-in Window.

(2) Equipment

- Scale(s) (ideally a practice scale and an official scale)
- A certified weight or a reference weight for the scales
- Material to make dead weight for coxswains (e.g. sand, baggies, duct tape, markers) if being provided by the LOC
- Paperwork
- Binder to compile paperwork
- Pens/Markers
- Clock
- Wristbands
- Heat sheet
- Radio

(3) Position Set-up

- If possible, split the weighing of Coxswains from the weighing of lightweight Rowers onto separate official scales, each with its own set of paperwork and materials
- Configure the athlete weighing area to ensure easy flow of athletes both into and out of the controlled area
- Determine that the scale(s) is on hard, level ground
- Determine that the scales(s) itself is level

- Test the scale using a certified weight
- Position the clock so that it is visible to the athletes (confirmed set to regatta time)
- Assemble sand, baggies, tape, markers, and other supplies out of the way of the scale(s)
- Organize wristbands or other identifiers for easy distribution
 - If multiple colors are available, use one color for lightweight Rowers, a second color for Coxswains requiring dead weight, and a third color for Coxswains not requiring dead weight
 - Make sure the Chief Referee and referees/volunteers working in the boat launching area know the colors for that day

(4) Weights

- All athletes must be weighed in just their racing uniform with no shoes, outer gear or headgear
 - Jackets, tights/pants, second shorts, glasses perched on head must be removed
 - Uniforms must be unrolled and the torso of the competitor must be covered

(5) Weigh-in Times

- Monitor long lines and bring athletes forward for earlier Races if needed
- The Weigh-in Window opens 2 hours and closes 1 hour before the Scheduled Time of the Race (not the Event) where the weight is relevant
 - If the race schedule is officially altered, an Adjusted Weigh-in Window opens 2 hours and closes 1 hour before the newly Scheduled Time of the Race.
 - Athletes may weigh-in either during the original Weigh-in Window or the Adjusted Weigh-in Window, but not both, provided that the weigh-in occurs on the same day and before the Scheduled Time of the Race.
- As the window closes for events, communicate the coxswain weights to the *assistant starter* (cell phone, text or radio channel reserved for weights information preferred)
- Alternatively, if the *finish marshal* is checking weights rather than the *referee*, communicate the weights to the *finish marshal* (cell phone or text preferred)
- Common sense applies so we do not negatively affect the opportunity for athletes to weigh-in within their window

(6) Procedure – Coxswain

- Coxswain prepares paperwork
- If within correct Weigh-in Window or Adjusted Weigh-in Window, continue with procedure
 - If too early, ask Coxswain to move aside and wait for his or her window to open
 - If too late, but before the Scheduled Time of the Race, the Coxswain may weigh-in but is subject to a penalty (presumptive penalty is a warning)
 - Notify the Chief Referee and the *assistant starter* of any penalty assessed
 - Referee/volunteer compares Coxswain's credential against the submitted paperwork
 - Check any discrepancies through prescribed process with LOC
- The Coxswain is responsible for their own deadweight, if required
 - Deadweight may consist of weights provided by the Coxswain or be constructed of materials supplied by the LOC if required.
- Before the Coxswain is invited to step onto the scale, ensure that the scale reads zero

- Review the Coxswain’s paperwork and invite him or her to step onto the scale
- If no deadweight is required
 - Write “0” on the wristband
 - Record “0” on the Coxswain’s paperwork
 - Record the time of weighing and the referee’s initials on the Coxswain’s paperwork
 - Record “0” on the master list, if in use
- If deadweight is required
 - Record the body weight on the Coxswain’s paperwork
 - Inform the Coxswain of the amount of deadweight required
 - Direct the Coxswain to supplies for creating deadweight if provided by the LOC
 - With the Coxswain holding their deadweight, have them step back onto the scale to re-weigh
 - Certify the deadweight by writing the date, amount, and the referee’s initials on the dead weight
 - If the Coxswain is using a weight plate or other item that does not require duct tape to seal, write the weigh-in information on a piece of tape and adhere it to the item
 - If the deadweight is divided into multiple parcels, make a note of the number on the paperwork and relay that detail along with the amount when communicating the weights
 - Write the amount of deadweight carried on the wristband
 - Record the amount of deadweight on the Coxswain’s paperwork
 - Record the time of weighing and the referee’s initials on the Coxswain’s paperwork
 - Record the amount of deadweight on the master list, if in use
- Referee/Volunteer attaches wristband around Coxswain’s wrist
 - May go on either wrist
 - Prior bands need not be removed unless there is an obvious potential for confusion

(7) Procedure – Lightweight

- Crew prepares paperwork
- If within correct Weigh-in Window or Adjusted Weigh-in Window, continue with procedure
 - If too early, ask Rowers to move aside and wait for their window to open
 - If too late, notify Chief Referee (this constitutes a violation of the window and the lightweight rower is ineligible to race)
 - Referee/volunteer compares each Crew member’s credential against the submitted paperwork
 - Check any discrepancies through prescribed process with LOC
- Crew members weigh-in in seat order – bow to stern
- Each Rower shall have one (1) initial opportunity to weigh-in.
 - A Rower with one (1.0) pound or less above the maximum weight is allowed just one additional re-weigh during either the Weigh-in Window or Adjusted Weigh-in Window, but not both.
 - A Rower who is more than one (1.0) pound above the maximum weight will be ineligible to compete in the Event.

- A lightweight shall not have to weigh-in more than once per day regardless of how many Events in which the lightweight may compete that day.
- Once the entire Crew has made weight, a referee/volunteer attaches wristbands around each Competitor's wrist.
 - May go on either wrist or ankle.
 - Prior bands need not be removed unless there is an obvious potential for confusion.

(8) Notes

- Do not suggest ways for the athlete to make weight
- Do not have food or drink in view of the athletes at the weigh-in station
- Be alert for health issues caused by methods to make weight
- It is common in Indoor Rowing Events for athletes that do not make a lightweight category to compete in an open weight category. Work with the LOC to identify a procedure to address this prior to weigh-ins opening.

b) Boat Weighing

(1) Role

Ensure that boats used in competition meet minimum weight standards as set forth in the Rules of Racing.

(2) Equipment

- Boat scale, often two scales connected by a control box, certified by an outside authority
- Certified test weight
- Paperwork
- Binder to compile paperwork
- Heat sheet
- Extra boat slings
- Radio

(3) Position Set-up

- The scales should be placed on a hard, flat surface protected from wind and rain in an area easily accessible from the incoming docks reserved exclusively for the weighing of boats during the Regatta
- Once the scales have been certified by an outside authority, they should not be moved
- Any wiring placed on the ground should be secured to minimize the trip hazard to Competitors
- The scales will be open for test weighing of boats during the practice sessions and the racing sessions unless circumstances arise to prevent it
- Referees/volunteers at boat weighing must ensure that test weighing does not interfere with required weighing
 - If the Race Official in charge of boat weighing determines that Crews are waiting too long or the area has become too congested or unsafe, test weighing may be suspended until the situation has been resolved
 - Inform the Chief Referee immediately if this occurs

(4) Procedure – Identification of Boats for Weighing

- Prior to the start of each racing session, the Chief Referee or delegate determines which boats will be weighed
 - Boats may be selected from each Race randomly by lane or based on the order of finish
- If the boats will be selected by order of finish, the Chief Referee will give the list of selected places from each race to the *chief judge*
 - After the completion of each Race, the *chief judge* will communicate the bow numbers and identities of each selected Crew to the Race Official at *control commission* in charge of boat weighing
- If the boats will be selected randomly by lane, the Chief Referee will give the list of selected boats to the Race Official at *control commission* in charge of boat weighing
- A member of *control commission* will
 - Meet the Crew as it leaves the recovery dock
 - Notify the Crew that it has been selected to weigh its boat
 - Escort the boat directly to the Scales
- A coach may accompany their Crew
- Anyone may carry the boat
- All Race Officials in the boat weighing process should be observant for Unsportsmanlike Conduct, such as pouring water on the shoes
 - If this type of activity is observed, the Crew is to be assessed a penalty applicable to their next Race in the Event (presumptive penalty is a warning)
 - If this type of activity occurs during a final, contact the Chief Referee immediately

(5) Procedure – Weighing of Boats

- Prior to the boat being placed on the scales, instruct the Crew to remove everything with the exception of the wiring for the CoxBox/SpeedCoach/other electronics, speakers, seats, foot-stretchers, skeg, rudder, and riggers
 - In Adaptive boats, pontoons and strapping that is firmly fastened to the boat, the seat and/or to its fittings shall be included in the weight of the boat
- Everything that is ***not firmly fastened*** must otherwise be removed prior to weighing (e.g. bow numbers, CoxBox, SpeedCoach, bungee cords, seat pads, water bottles, sponges)
 - In Adaptive boats, equipment that replaces a part of the body (prosthesis) even if bolted, screwed, or glued directly to the boat or seat shall not be included as part of the weight of the boat
- Request that the Crew open the ports for inspection
- Ensure that the scale reads zero (“0”)
- Instruct the Crew to place the boat on the scales, hull down if possible
- If the boat is carrying added weight, it must be firmly fastened (anywhere is fine) and not serve any other purpose in the boat
- The Race Official will inform the coach/Crew of the boat’s weight
- Complete and file the paperwork
 - A representative from the Crew must sign the paperwork
- Once all boats for a Race have been weighed, notify the *chief judge* / Timing Staff that weighing is complete for that Race; note any penalties assessed

(6) Procedure – Underweight Boat

- Document the weight of the boat from the initial weighing
- Both the Race Official and a representative from the Crew sign the paperwork
- Remove the boat from the scales, place in slings if available
- Ensure that the scale reads zero (“0”)
- Place the certified test weight on each scale and confirm an accurate reading
- Ensure that the scale reads zero (“0”)
- Weigh the boat again
 - Confirm the boat is well seated on the scales and balanced
 - Confirm any stands or slings are centered on the scale
- If the boat fails again
 - Document the weight of the boat during the second weighing
 - Both the Race Official and a representative from the Crew sign the paperwork
 - Apply the appropriate penalty as listed in the Rules of Racing ([3-104, “Minimum Weight of Boats”](#))
 - Notify the *chief judge* / Timing Staff which Crew has been relegated or excluded so that results may be updated
 - Notify the Chief Referee

c) Boat Launching / Recovery

(1) Role

Ensure that there have been no improper substitutions and that all Equipment meets the safety standards in the Rules of Racing ([Article III, “Equipment”](#)). These Athlete/Crew Identification and Boat Safety Checks take place in the Boat Launching area. In the Boat Recovery area, members of the *control commission* observe Crews for health issues, facilitate (but not conduct) the repair of broken equipment discovered on the water and record the retrieval of Crews to confirm full Course evacuation in the case of a weather emergency.

Identification of Crews for Boat Weighing, described in the Boat Weighing section above, and of Competitors for Drug Testing also takes place in the Boat Recovery area. Typically, these functions are only conducted at large, championship level Regattas.

(2) Equipment

- Heat sheet
- Megaphone
- Clipboard
- Pen
- Bow Numbers, if being distributed by the Regatta during launching
- Boat Slings
- Radio

(3) Pre-Race Procedure

- Assign the referees/volunteers to specific functions (e.g. checking identifications, safety checks)

- Train the volunteers on appropriate communication/commands and procedures for assigned roles
- Develop/maintain a trailer map to quickly locate any Crew and needed parts if required
- Monitor the location of Medical resources and confirm established procedures for contacting them in case of an emergency
- Place a set of boat slings in a convenient, but out of the traffic flow location for Crews to use if adjustments are needed to bring a boat into compliance with the safety checks
- Ensure accessibility of docks and launching and recovery areas for all Adaptive Rowing Competitors in accordance with the Accessible Routes standard (402) of the Americans with Disabilities Act

(4) Procedure - Boat Launching - Athlete Identifications

- Identify the name of each Crew and the Race they are competing in
- Confirm the boat is carrying the correct bow number card
 - For a time trial or head race where a bib number is also in use, confirm its accuracy and visibility
- Check for Coxswain and lightweight Rower wristbands; each Coxswain/lightweight Rower must have the correct color wristband attached in order to launch
- If instructed by the Chief Referee to confirm athlete identities, compare the athlete credentials with the lineups provided on the heat sheet
 - Check any discrepancies through the prescribed process with the LOC
- Check for consistency in uniforms (singlet or unisuit); additional layers or outerwear is acceptable when launching, but Crews must race in consistent uniforms
- Verify that all Rowers in Events for men are male and that all Rowers in Events for women are female.
 - The USRowing Board of Directors has adopted a comprehensive Gender Identity policy, which is now contained in the CEO Policy Manual. Gender may be noted on the credential.

(5) Procedure - Boat Launching - Safety Checks

- It is the Crews' responsibility to have their equipment in compliance with the rules; the Referee/volunteer may randomly check boats as they are launching to affirm compliance with the rules governing bow balls, quick release and heel ties on shoes, and Coxswain's openings in bow-coxed boats
 - Check bow ball
 - Check for quick release and heel ties on shoes
 - If the shoes are laced (no Velcro or similar materials), remind the Competitor that they need to be able to exit the boat immediately in case of an emergency.
 - Check for correct size openings for Coxswains
- If the Regatta includes Adaptive Rowing Events, the referee/volunteer shall check boats as they are preparing to launch to affirm compliance with the rules governing capsizing release, fixed seat and strapping for PR1 and PR2 Events, and height and placement of pontoons in PR1 and PR2 Events where used. These checks are in addition to those listed above.
 - Check capsize release mechanism
 - Check fixed seat placement and requirements

- Check strapping
- Check for correct placement and height of pontoons
- Check eyewear for VI Rowers
- A boat failing any safety check may not launch until the safety issue is resolved
 - Allow the Crew to place the boat into slings to address the issue. The boat may not proceed onto the launch dock or be placed into the water until the boat is in compliance

(6) Procedure - Boat Launching - Broken Equipment

- Notify the *assistant starter* and under his or her direction, allow the Crew to repair or replace the Broken Equipment on shore
 - The Crew is responsible for having its Equipment in working order and for locking on to its starting position no fewer than two minutes prior to the Scheduled Time of the Race. Races are not held for Broken Equipment not resulting from an incident during the Race.
- **Do not launch** boats with known Broken Equipment

(7) Procedure - Recovery - Drug Testing

- If drug testing is being conducted at the Regatta, an official responsible for escorting the selected Competitor(s) will present themselves to the Race Official at *control commission* in charge of boat recovery
- The Race Official will be informed of which Crew and seat has been selected for drug testing.
- As that Crew returns to the recovery dock, the Race Official will identify the Competitor(s) to the escort immediately after the Competitor gets out of the boat
- All further action is in the hands of the officials responsible for the drug testing

(8) Notes

- Once a Crew has passed all inspection procedures and is ready to launch, record the launch time for each Crew. Make any relevant notes for future use.
- If sufficient staffing is available for recovery docks, also record return time for each Crew
 - In case of weather or other emergency requiring clearing the Course, it is imperative to track which Crews have returned and which may still be on the water
- Authority extends to the docks –encourage Crews to get off the docks in a timely manner
- Manage any groups of spectators if crowding becomes a safety concern

4) Starting Area

a) Start Marshal

At a Head Race Regatta, the position of *start marshal* must be staffed by a licensed Assistant Referee or Referee. At a Sprint Race Regatta, the *start marshal* may be a licensed Assistant Referee or Referee or a LOC volunteer.

(1) Role

The *start marshal* monitors the warm up area for safety and stages Crews for timely entry onto the Course for their Race. This position is critical to staying on time, especially at larger regattas. The *start marshal* may be assisted by additional *warm up marshals* stationed in the warm up area that can be either licensed Referees, licensed Assistant Referees, or volunteers provided by the LOC.

(2) Equipment

- Megaphone
- Heat sheet
- Clipboard
- Pen
- Binoculars
- Radio
- Basic tools for simple repairs/adjustments
- Duct tape
- Race Official Assignment sheet

(3) Pre-Race Procedure

- Prior to the arrival of Crews in the warm up area, confer with the *starter* to determine when to begin moving Crews to the starting stations for each Race. This is especially important for venues where the warm up area is not within audible range from the *starter's* sound system or megaphone.

(4) Procedure

- Identify all arriving Crews
 - Contact *control commission* to determine if missing Crews have launched
 - Alert the *assistant starter* to any missing Crews and their whereabouts if known
 - If necessary, hurry dawdling Crews or escort them to the Starting area
- Stage Crews for entry to the Course
 - Work with the *starter* to move Crews to the Starting area at the desired intervals
 - If necessary, direct the entrance sequence of crews (e.g. high bow numbers first)
- Identify any issues (e.g. illness, injury, Broken Equipment)
 - Communicate with the *assistant starter* to resolve
 - If the Regatta includes Adaptive Rowing Events, watch for any strapping violations (e.g. unfastened strap, missing strap) and advise Competitor to make any adjustments as needed. Provide assistance if required.
- If illness or other safety issue
 - Assess the situation and notify the appropriate resource (e.g. Medical, additional safety launch)
 - If the Competitor can be safely removed from the boat, take the Competitor in the referee launch to the nearest medical personnel
 - After securing the safety of the Competitor(s), notify the Chief Referee of the Competitor's status and any additional resources necessary
 - Communicate the resolution to the *assistant starter*
- If Broken Equipment
 - Determine the extent of the damage, whether it can be resolved on the water, and the time frame for repair
 - Communicate what is required to the Chief Referee (e.g. Crew name, women's 8+, seven seat back stay)
 - Communicate with the *assistant starter* to receive further instructions

- Assist the *starter* with other tasks (e.g. moving stakeboat holders, delivering tools or equipment to Crews in the warm up area)

(5) Notes

- Proper staging of Crews is critical for the on time running of the Regatta. This requires active participation on the part of the *start marshal*.
- Calm, assertive, concise directions are easier to understand over long distances
- Use a higher setting on the megaphone rather than shouting to be heard
- Unless there is an urgent need, limit announcements in the warm up area during the roll call and starting commands of a Race if in a location where the Crews in their starting positions can hear
- Enforce traffic pattern separation for fixed seat Crews from all other Crews

b) Judge at Start

The position of *judge at start* must be staffed by a licensed Assistant Referee or Referee. The *judge at start* may be assisted by an *aligner* provided by the LOC. At larger Regattas, both the *judge at start* and *aligner* positions are typically staffed by licensed Assistant Referees or Referees.

(1) Role

The *judge at start* shall supervise the process of bringing the Crews into alignment with the plane of the starting line, shall decide when a Crew has left the starting line before the proper commands, and may otherwise assist the *starter*. The *judge at start* may be assisted by an *aligner*.

(2) Equipment

- White or florescent green flag (“alignment flag”)
- Red flag
- Sound device
- Megaphone or silent alignment equipment
 - Spare batteries
- Heat sheet
- Radio

(3) Pre-Race Procedure

- Train the stakeboat holders
 - Stress safety; specifically warn against putting any part of their bodies between the boat’s stern and the starting platform
 - Review the need for silence on the docks when Crews are in the Starting area
 - Explain the terms to be used (e.g. “in three inches”, “out six inches”)
 - Instruct them to release the boats on the “G” of “Go”
 - Review the need to remain still for first few strokes after the starting commands
 - It is distracting to Crews and Race Officials to have a boat holder sit or stand up immediately after releasing the boat
 - Request notice before a stakeboat holder needs to exit his or her post
- Check the sound equipment
- Verify that each stakeboat holder knows his or her lane number and can hear instructions

- Verify that stakeboat holders aren't wearing red clothing
- Communicate with the *starter* to test the location and the color of the raised flag for visibility against the background

(4) Procedure - Alignment and Fair Start

- Begin alignment as soon as the first Crew locks on;
- Try to have the Crews aligned before the two minute announcement is given by the *starter*; however, if alignment is achieved earlier, do not raise the alignment flag prior to the two minute announcement
- If wind or other conditions make alignment difficult, the *judge at start* shall use his or her best judgment to determine when alignment is as correct as possible under the circumstances
- Either at or after the two minute announcement, once alignment is achieved, raise and keep aloft the alignment flag or illuminate the white light if the Course is equipped with a light system
- If alignment is lost, the *judge at start* shall lower the flag or turn off the white light and if necessary to gain the *starter's* attention, shall raise a red flag or illuminate a red light
- If using silent alignment, continue to make micro adjustments while the alignment flag is raised until the *starter* says "Attention" as part of the starting commands
- After the race has started, continue to hold the flag aloft or keep the white light on until the Referees are in position behind the Race to allow the Referees to have the opportunity to check that the start was fair (indicated by the alignment flag still being held aloft or the white light is still on).
- Once the Crews have left the Start area the alignment flag should be lowered or the white light turned off.

(5) Procedure – Lost Alignment or False Start

- If a Crew begins a rowing motion before the start command is given, thereby gaining unfair momentum, but does not cross the plane of the starting line
 - Drop the alignment flag and raise the red flag to stop the race
 - If using a light system, illuminate the red light
 - Sound the bell or other noise maker to assist in gaining the attention of the Crews
 - Communicate with the *starter* that alignment was lost; no penalties awarded
- If a False Start
 - Drop the alignment flag and raise the red flag to stop the race
 - If using a light system, illuminate the red light
 - Sound the bell or other noise maker to assist in gaining the attention of the Crews
 - Communicate with the *starter* that there was a false start, identifying the lane(s) and name(s) of the offending Crew(s)

(6) Notes

- Align more than one boat at a time
- Give short, specific instructions (e.g. "lane 4, out six inches", "lane 2, in one foot")
- Anticipate the need to move starting stations by keeping track of the racing schedule and any change in boat type (e.g. eights followed by singles)

- Anticipate the need for a boat holder in a typically unused lane by keeping track of the racing schedule (e.g. a seven boat race when all others have six or fewer)
- Distinguish between when boats are out of alignment and when the Crew needs to adjust its point
- If using silent alignment radios, make sure the volume is loud enough for the boat holder to hear but quiet enough so that the Crews cannot hear
- If aligning over a megaphone, make the final adjustments a small distance (e.g. “out one inch”) not something large (e.g. “in two feet”)
- If both the *judge at start* and *aligner* are licensed Assistant Referees or Referees, the two may switch roles unless instructed otherwise by the Chief Referee
 - However, have the same person align for each Race in a given Event (e.g. all heats of the women’s 1x) for consistency
- When you complete your shift, please take a moment to thank the stakeboat holders and other volunteers working at the start.

c) Starter

The position of *starter* must be staffed by a licensed Assistant Referee or Referee. The *starter* may be assisted by a deputy or *assistant starter*, who may be a licensed Assistant Referee, licensed Referee, or an LOC volunteer.

In this document, any references to contacting an *assistant starter* also apply to contacting the *starter* if there is no *assistant starter*.

(1) Role

The *starter* directs the actions of the *start marshal*, *warm up marshals*, *aligner*, *judge at start*, and the *referees* in the Starting area waiting to follow a Race. The *starter* assesses late to start warnings, notifies Crews of other pre-race warnings received, adjusts the Scheduled Time of the Race when necessary, determines when all boats are pointed safely and implements the start procedures. Communication with the Chief Referee or Deputy Chief Referee is necessary to ensure proper coordination throughout the Regatta.

(2) Equipment

- Voice amplification equipment (PA system or megaphone)
- Starter’s flag or red flag
 - Note: whichever flag style is chosen at the beginning of the Regatta, that style shall be used consistently through the Regatta
- Clock
- Heat sheet
- Bell, horn, whistle or other noise maker
- Binoculars
- Electronic timing equipment (e.g. plunger, control box, camera), if an electronic timing system is in use for the Regatta
- Radio

(3) *Pre-Race Procedure*

- Check the sound equipment and adjust the volume so that Crews and Race Officials in the Starting area can clearly hear and understand commands
- If the Course has a traffic light starting system, test the lights and speakers to ensure they are working in all lanes
- If electronic timing is in use and not tied to a traffic light starting system, test the plunger and communicate with the Timing Staff to ensure the signal was received
- Prior to the arrival of Crews in the warm up area, confer with the *start marshal* to determine when to begin moving Crews to the starting stations for each Race
- Communicate with the *judge at start* to observe the location of the raised flag and its visibility against the background; adjust as needed
- Check proper functioning of starting stations, if present
- Check for debris in the Starting area, enlisting referee launches or LOC safety boats as needed
- Approximately ten minutes before the first Race of a session, communicate with the *chief judge* to ensure that the finish line is ready for racing to begin

(4) *Procedure*

- Invite the Crews for the next Race into the Starting area
 - Event Number/Name (e.g. “Race 27, Women’s Varsity 8+ Heat 2”)
 - Crew Names/Lane Number (e.g. “Eastern College, Lane 1; Western University, Lane 2; Northern University, Lane 3”)
 - Invite Crews into the Starting area (e.g. “Enter the Course and proceed to your lane”)
 - Relevant Number of Minutes to Start (e.g. “Ten Minutes”)
- Whenever practicable, acknowledge each Crew as it enters the Course by announcing the Crew’s name and its assigned lane
- Whenever practicable, announce the time remaining to the start of the Race at
 - Five Minutes (if not done as part of initial announcement)
 - Four Minutes
 - Three Minutes
 - Two Minutes
- Check to make sure that all Crews have the appropriate bow number
 - Alert the *chief judge* to any anomalies
- Address any uniform violations
- Check to make sure that *referees* are in position and are ready to follow the race
- Issue warning(s), if any
 - Crew Name/Infraction/Penalty (e.g. “Eastern College, Late to Start, Warning”)
 - Ask for acknowledgement if not already indicated
- If the *chief referee* has instructed you to announce the progression for the Event, clearly and succinctly announce the progression (e.g. “Places 1-3 to the A final, Places 4-6 to the B final”). If you are being asked to announce the progression, make sure to communicate with the *control commission* and the *chief referee* to ensure that no changes in the number of Crews in the Event has changed the progression for the Event.
- Check for alignment flag
- Confirm that all Crews are pointed safely (this is the *starter’s* responsibility)

- Check that all hands are down indicating that the Crews are ready
- If conditions permit a normal start
 - Announce the name of each Crew in cadence (e.g. “Eastern, Western, Northern”)
 - For 1x Events, announce the name of the Competitors (e.g. “Mr. Smith, Mr. Jones”)
 - Unaffiliated Crews are announced as “Unaffiliated”
 - Composite Crews are announced as “Composite”, name of bow club or rower to match the nomenclature from the heat sheet (e.g. “Composite, Southern” or “Composite, Mr. Smith”)
 - Announce “Attention!” in the same cadence (like it is another Crew name)
 - Glance quickly to ensure the alignment flag is still raised and *referees* are still ready to follow the Race
 - Raise the Starter’s Flag overhead, preferably using two hands
 - For Adaptive Rowing PR3 Races or other Adaptive Events known to include Rowers with visual impairment, announce “Red Flag” at the same time as raising the Starter’s Flag
 - If a traffic light starting system is in use, activate the red light
 - For Adaptive Rowing PR3 Races or other Adaptive Events known to include Rowers with visual impairment, announce “Red Light” at the same instant as pressing the button to activate the red light
 - Pause (this pause is varied for each Race, especially for a restart of a Race)
 - Announce “Go” and simultaneously move the flag sharply down to the side
 - If a traffic light starting system is in use, press the button to simultaneously
 - Change the red light to green
 - Make an audible signal through the loudspeakers
 - Start the timing system for the race, if linked to the starting system
 - Freeze the picture on the monitor in the aligner’s station if installed
 - Before the start command is issued, if alignment is lost, a Crew’s point becomes unsafe, or other unsafe condition arises that prevents starting the Race without a prolonged delay
 - Announce “As You Were!”
 - Gently lower the Starter’s flag directly in front of your body or change the lights from red to neutral
 - Wait for alignment to be restored, the Crew’s point to be corrected, or the unsafe condition to be resolved
 - Repeat the starting commands
 - If all the Crew names have all been announced, they need not be repeated
 - If the announcement of Crews was not complete, restart the sequence from the beginning
- If conditions preclude a safe and fair start using the normal procedure above
 - Announce “We will use a quick start”
 - Check for alignment flag
 - Confirm that all Crews are pointed safely (this is the *starter’s* responsibility)
 - Check that all hands are down indicating that the Crews are ready
 - Announce “Quick Start!”

- Announce “Attention!”
- Raise the Starter’s Flag overhead, preferably using two hands
 - For Adaptive Rowing PR3 Races or other Adaptive Events known to include Rowers with visual impairment, announce “Red Flag” at the same time as raising the Starter’s flag
 - If a traffic light starting system is in use, activate the red light
 - For Adaptive Rowing PR3 Races or other Adaptive Events known to include Rowers with visual impairment, announce “Red Light” at the same instant as pressing the button to activate the red light
- Pause (this pause is varied for each Race, especially for a restart of a Race)
- Announce “Go!” and simultaneously move the flag down sharply to the side or activate the green light as above
- Call the next Race as soon as the previous Race clears the Starting area
 - Note: if on wide centers, do not invite the Crews onto the Course before ten minutes prior to the Scheduled Time of the Race unless one or more Crews from the next Race is waiting to come on to the Course

(5) Procedure – A Crew Fails to Start or Stops within Starting area

- Stop the Race immediately by waving a red flag and employing the noise maker
- Determine the reason the Crew is not rowing
 - Injury, illness, or other safety issue
 - Assign a *referee* to manage the situation from the water giving any relevant information (e.g. Rower in the water, port side)
 - Monitor the situation to provide additional assistance if necessary
 - Once the *referee* is in proper position to evaluate the situation, relinquish control to him or her
 - Broken equipment
 - Assign a *referee* to determine the extent of damage and whether or not it can be fixed
 - If necessary, determine a new Scheduled Time of the Race in consultation with the Chief Referee
 - Provide instructions for the other Competitors (e.g. return to the starting stations, row off the course into the warm up area) either directly to the Crews via the sound system or via the *referee*
 - Other
 - Assign a *referee* to determine the reason for stoppage
 - Communicate with that *referee* to determine any appropriate penalties
 - Any Crew that fails to start and cites a raised hand as a reason should be handled as would a Crew stopping for unacceptable Broken Equipment
 - A Warning for “delay of racing” is the presumed penalty
 - Use your judgment based on the situation
- If the Crew is able to start again immediately
 - Instruct all Crews to return to the Start
 - Re-start the Race using the procedures above

(6) Procedure – Judge at Start Raises Red Flag

- Stop the Race immediately by waving a red flag and employing the noise maker
- Instruct all Crews to return to the Start
- Communicate with the *judge at start* to verify if one or more Crews committed a false start or if alignment was lost
 - A Warning for “false start” is the presumed penalty
 - A Warning will be assessed to each crew committing a false start
- Issue any penalties once all Crews have reattached to its starting stations
- Re-start the Race using the procedures above

(7) Notes

- The starter shall adhere to the Scheduled Time of the Race for each Race. Races are not to be started earlier than two minutes before their Scheduled Time unless instructed otherwise by the Chief Referee. Championship Races shall be started within 10 seconds of their Scheduled Time.
- The Chief Referee should advise the *starter* to follow either of two options:
 - Wait the entire two minute period following the announcement of “Two Minutes,” timing the roll call such that the command “Go!” is given as close as possible to the Scheduled Time of the Race
 - Start the Race anytime following the “Two Minutes” announcement, whenever alignment is achieved, the Crews are safely pointed, and the Course is clear
- Do not invite Crews into the Starting area until the previous Race has cleared the Starting area and the Course is clear for the Crews in the next Race
- Write the *referee(s)* following each Race on the Heat sheet
- Write the actual start time for each Race on the Heat sheet
- The *starter* may provide directions to Crews (e.g. lane assignments, sculling instruction)
- Do not move Crews from one Race into another or reassign lanes without consulting with the Chief Referee
- If the *starter* finds that an unsafe or unfair condition exists (e.g. weather, obstacle, debris), he or she shall stop or suspend that Race and notify the Chief Referee
- Communication with the competitors is critical in this position. Think about what you are going to say before you say it, especially if it is not a starting command in the normal sequence. Fewer words are better. Keep the communications precise and concise.

d) Assistant Starter

(1) Role

The *assistant starter* is responsible for handling communications with the *marshals*, *control commission*, and *chief judge* (e.g. informs the finish of missing Crews, incorrect or missing bow numbers), and communicates Coxswain weights to the following *referees*. The *assistant starter* may also be responsible for activating the electronic timing system at the start of a Race.

(2) Notes

- Fewer words are better, be concise

- The *starter* may delegate additional tasks to the *assistant starter* if needed (e.g. monitor alignment flag if hard to see from location of sound system, watching for hands/unsafe points from specific lanes)
- Unless specifically instructed to do so by the Chief Referee, it is not necessary to notify the *chief judge* that a Race is on the Course and in progress
 - Save the radio traffic for any anomalies
 - It is useful to notify the *chief judge* once the first Race of a session has started to ensure all the judges and other volunteers are in position

5) Referee

(1) Role

The position of *referee* must be staffed by a licensed Assistant Referee or Referee. The *referee* shall have general supervision of the Race and shall follow the progress of the Race from start to finish. All other Race Officials for a particular Race shall be subject to the control of the *referee* except where duties are specifically delegated to them.

(2) Equipment

- White flag
- Red flag
- Stopwatch
- Heat sheet
- Radio
- Bell or other noise maker
- Megaphone
- Personal floatation device (PFD) is recommended. If you have one, please consider wearing it.

Additionally, the referee launch must be equipped with a kill switch tether, a paddle, and enough PFDs for all occupants of the launch plus a minimum of two extras, preferably enough for the largest crew racing (e.g. nine for an 8+ plus additional for the launch driver, *referee*, and any other passengers).

(3) Pre-Race Procedures

- Get to know your driver
 - Determine his or her experience level and boat handling skills
 - Teach or review launch positioning, hand signals, and expectations
 - Determine if you or the driver will handle the launch in case of an on-the-water emergency or if you need to approach a Crew
 - If there are unresolved or unresolvable issues with the assigned driver, contact the Chief Referee immediately
 - The *referee* shall have final authority over the operation of his or her launch at all times
- Confirm that your driver has a kill switch tether for the launch and is using it
- Determine if the Chief Referee has set up a deliberate *referee* rotation (e.g. this may be staying paired with a specific other *referee*, or may be following specific Races, or both)
 - If so, stay in order if possible

- Use your best judgment if maintenance of the established rotation would cause a delay or other disruption
- Confirm there is enough gas in the tank for the entire racing session
 - If not, ascertain where you can refill the tank
- Confirm the launch has the required paddle and PFDs

(4) Procedure – Traveling to the Start

- There are two preferred methods for returning to the Start
 - Method 1 – with no wake in the travel lane
 - In this method, *referees* not following the Race on the Course move at no wake speed next to the Course and act as additional safety launches
 - Generally, the *referee* moves up the Course 500 meters, or a shorter/longer distance in equal segments based on the total number of *referees*, and waits for the next Race to pass before putting up another 500 meters
 - Method 2 – full speed up the middle of the Course
 - In this method, the *referee* moves at no wake speed perpendicular to the Course to the middle lane of the Course and turns towards the Starting area. Once pointed up the center of the middle lane, he or she then proceeds at full speed until an approaching Race requires stopping or the *referee* has reached the next designated stopping point (e.g. every 500 meters). When instructed to stop, the launch driver stops the launch, and while still pointing towards the start, allows the Wash to hit the back of the launch, dissipating the wake. Then the launch driver turns perpendicular to the Course and putters off at no wake speed. If two or more *referees* are proceeding at the same time, the other *referees* should follow behind the first so that only one wake is produced.
 - Confirm with the Chief Referee prior to launching which method is preferred for the Regatta and Course
- Alert the *starter* if you need to go out of rotation for any length of time
- Alert the Chief Referee if you experience any issues with your launch
- Continually scan the Course for debris or other issues such as loose buoy lines
- Be alert for Crews in the travel lane
 - Offer assistance to Crews if needed (e.g. illness, injury, equipment issue)
 - Issue any necessary penalties for traffic pattern violations or failure to stop when a Race passes
 - If possible, notify the Crew directly
 - Inform the *assistant starter* of any penalties assessed
- Watch passing Races on the Course and be prepared to assist if needed
- When you reach the Start, alternate “low” (lanes 1-3) and “high” (lanes 4-6) sides with your partner *referee*

(5) Procedure – Start of the Race

- Before the two minute call, stand up in the launch to indicate to the *starter* that you are prepared to follow the Race
- Ensure your stopwatch is turned on and in the correct mode to time the race

- Make sure your megaphone is not set to a siren
- Position your flags so that the white flag is easily accessible and the red flag is difficult to retrieve
- Position the launch to be ready to quickly move into position behind the Crews
 - Instruct the launch driver where you want to be positioned initially (e.g. in lane 5 on the 4-5 buoy line)
- Do not block the *aligner's* view of the start line or the start target
- Record any Coxswain weights applicable to the Race as communicated by the *assistant starter*
- Note the progression applicable to that Race
- Memorize the Crew and Lane assignments for that Race (all of them, not just the ones on the high or low side where you are initially positioned)
- Start your stopwatch when you see the Starter's flag move or when the red light turns to green for Courses using a traffic light starting system
 - If provided with a LOC volunteer timer in your launch, he or she shall start the stopwatch as indicated above
- Quickly get into position behind the Crews after the Race starts
 - This means
 - In the middle of the area you are initially "covering" (e.g. lane 2 if you are on the "low" side)
 - Position the launch immediately next to but not on top of the buoy line
 - If the Crew in that lane is along that buoy line, change sides of the lane or move to the adjacent lane so that the Crew's view back towards the start is not blocked
- Once moving into the Course, look back at the *judge at start* to confirm that the start was fair
 - If the white flag remains aloft, proceed with the Race
 - If the red flag is aloft, assist in stopping the Race and wait for instructions from the *starter*
- Check to make sure your stopwatch is running

(6) Procedure – Following the Race

- Follow the Race approximately 20 meters (two buoys) back from the stern of the boats
 - Stay alert and anticipate what may develop during the Race
 - If working with a *referee* partner, make eye contact regularly to work as a team, coordinating actions to best cover the Course and Crews
 - Do not block the view of Coxswains or Scullers looking from side to side, unless necessary for safety or fairness
- Change position as necessary to maintain a good view of the Competitors and to anticipate and react to any situations that arise
 - Do not rigidly maintain possession of "high" or "low" side
 - Adapt your position relative to the Crews as the Race progresses, always positioning the launch wherever it might be necessary to observe and control the Race and take necessary action, either on or off the Course
- Continuously scan the entire field to anticipate issues, taking prompt action with launch positioning and/or by giving instructions to Crews
- Anticipate pending Interference and give appropriate instructions to a Crew when necessary to proactively prevent the Interference from occurring
- If Interference or some other mishap occurs:

- Give the appropriate instructions to the Crew(s)
- Quickly note on your schedule:
 - Relative position of the Crew(s) on the Course
 - Positive identification of the involved Crew(s)
 - The impact of the Interference or mishap (e.g. how long a Crew is stopped; the relative change in position caused by the Interference/mishap; any damage or injury)
- If Interference or other unfair conditions deprives a Crew in contention of its opportunity to win, place, or advance, and further continuance of the Race would be of no competitive value, then stop the Race
- Address any safety issues:
 - Enlist the assistance of another *referee* if necessary (to follow the Race in progress or to help with a safety situation so that you may continue with the Race)
- Stop the Race if you must attend to a safety issue and there are no other *referees* who are able to come in to continue with the Race

(7) Procedure – Finishing the Race

- As the Crews approach the finish
 - Locate the finish flag
 - Continue to watch the Crews, glancing periodically at the finish flag
 - Stop your stopwatch when the finish flag moves down to indicate the first Crew has touched the finish line
 - If you miss the first motion of the finish flag, stop your watch on a subsequent motion and note which place (e.g. time for 3rd place Crew)
 - Instruct your driver to slow down and stop the launch to appropriately wait for any trailing Crews to pass
 - Do not cross the finish line until all competitors have finished unless there is a medical or safety emergency and no *finish marshal* or safety boat is in the area to assist
- After the last Crew has finished the Race
 - Observe the Crews to determine if there are any objections or if any Competitor requires assistance
 - For Adaptive Rowing Races where a Competitor’s hands are strapped, the Rower may clearly call out “Objection!” so that the Race Official hears
 - Ask Coxswains to display their weights (e.g. “Eastern College Coxswain, Show Your Weight”)
 - Thank the Coxswain once the weight is displayed so they know they can put it back down
 - If there is a question about a weight (appears too small or Coxswain doesn’t have the expected weight)
 - Communicate with *control commission* to confirm the Crew and the weight for that Race
 - If wristbands are in use, read the Coxswain’s wristband to see what weight was recorded
 - If weight is missing after confirming weight required
 - Notify the Crew that it is excluded
 - Ask the Crew if it accepts your decision

- If the Crew does not object
 - Show the red flag
 - For Adaptive Rowing PR3 Races or other Adaptive Events known to include Rowers with visual impairment, announce “Red Flag” at the same time as raising the red flag
 - Notify the *chief judge* of the issue and your decision
 - Show the white flag
 - For Adaptive Rowing PR3 Races or other Adaptive Events known to include Rowers with visual impairment, announce “White Flag” at the same time as raising the white flag
 - Report the time to the *chief judge*
- If the Crew does object
 - Explain the protest procedure to the affected Crews
 - Show the red flag
 - For Adaptive Rowing PR3 Races or other Adaptive Events known to include Rowers with visual impairment, announce “Red Flag” at the same time as raising the red flag
 - Notify the *chief judge* of the issue, your decision, the objection and report the time
 - Notify the Chief Referee to the pending protest
- Confirm with your partner *referee* that all is well (thumbs up or down, no flags)
 - If yes
 - The *referee* closest to the finish tower first displays a white flag to the Competitors and then to the *chief judge*
 - For Adaptive Rowing PR3 Races or other Adaptive Events known to include Rowers with visual impairment, announce “White Flag” at the same time as raising the white flag
 - Announce the time from your stopwatch to the nearest tenth of a second, including noting which place if not from the first motion of the finish flag
 - Wait for the *chief judge* to raise a white flag to acknowledge receipt of the time and notice of your white flag
 - Scan the Crews once more before turning towards the start
 - If no
 - Communicate with your partner *referee* to determine their issue(s) and take appropriate action
- Return to the Start following the procedures outlined above
 - If it is the last Race of the day or the shift, proceed as instructed by the Chief Referee
 - If it is nearing the last Race, but you have followed the last Race assigned to you, continue to move towards the start and act as a safety boat or to assist another *referee* if needed (e.g. launch dies, ejected Rower)

- Determine whether your launch is needed to transport any other race personnel at the conclusion of their involvement with the last Race (e.g. picking up stakeboat holders, judge at start)

(8) Procedure – Stoppage in the Starting area

- Assist the *starter* in stopping the Race by waving a red flag and using a bell or other noise maker
- Assess the reason for the stoppage
 - Injury, illness, or other safety issue
 - Assess the situation and notify the appropriate resource (e.g. Medical, additional safety launch)
 - If the Competitor can be safely removed from the boat, take the Competitor in the referee launch to the nearest medical personnel
 - After securing the safety of the Competitor(s), notify the Chief Referee of the Competitor’s status and any additional resources necessary
 - Communicate the resolution to the *assistant starter*
 - If Broken Equipment
 - Determine the extent of the damage and whether it can be resolved on the water
 - Communicate what is required to the Chief Referee (e.g. Crew name, women’s 8+, seven seat back stay)
 - Communicate with the *starter* to receive instructions for the Crew in question and the other Competitors in that Race
 - Other
 - Determine the reason for stoppage
 - Communicate the reason to the *assistant starter*, including any applicable penalty

(9) Procedure – Instructions to Crews

This procedure refers to [Rule 2-407 \(“Referee’s Instructions to Crews”\)](#) of the Rules of Racing.

- Alter a Crew’s Course
 - Raise the white flag vertically
 - Call out the Crew’s name
 - Drop the flag laterally to whichever direction the Crew should move
 - This procedure may be repeated if the Crew does not respond to this instruction
- Instruct two Crews simultaneously to keep apart
 - Raise the white flag vertically
 - Call out the names of both Crews
 - Call out “Keep Apart!”
- Previously Known Obstacle
 - Raise the white flag vertically
 - Call out the Crew’s name
 - Call out “Obstacle!”
 - If collision is imminent, the *referee* shall instruct the Crew to stop by following the procedure below to stop an individual Crew
- Previously Unknown Obstacle
 - Raise the white flag vertically

- Call out the Crew's name
- Call out "Obstacle!"
- Drop the flag laterally to whichever direction the Crew should move
- If collision is imminent, the *referee* shall instruct the Crew to stop by following the procedure below to stop an individual Crew
- Stop an individual Crew
 - Raise the white flag vertically
 - Call out the Crew's name
 - Call out "Stop!"
 - If the reason for stopping the Crew ceases to exist
 - Raise the white flag vertically
 - Call out the Crew's name
 - Drop the flag directly forward while calling out "Continue Rowing!"
- Stop an entire Race
 - Waive the red flag
 - Sound a noise making device
 - Call out "Stop!"

(10) Procedure – Penalizing Interference

This procedure refers to [Rule 2-406 \("Penalizing Interference"\)](#), [2-602 \("Types of Penalties"\)](#) and [2-603 \("Restoring Opportunity of Winning; Altering Results"\)](#) of the Rules of Racing.

- The *referee* shall take the appropriate actions to restore a Crew's fair opportunity to win, place or advance
- Penalties may be imposed at the conclusion of the Race or after the Race has been stopped in progress
- The presumed penalty for "Interference" is exclusion
 - The *referee* may impose a different penalty if special circumstances existed such as:
 - Interference was so slight there was no significant possibility that the results of the Race were affected
 - No penalty, Warning, or Reprimand applicable to next Race in the Event
 - Interference was flagrant or intentional
 - Disqualification of Crew or one or more Competitors in that Crew
 - Interference took place before the *referee* was able to instruct the offending Crew
 - No penalty, Warning, or Reprimand applicable to next Race in the Event
 - Interference occurred in Starting area and the Race was stopped
 - Warning applicable to the restart of the Race

(11) Procedure – A Hand is Up or a Rower has called "Objection!"

- Approach the Crew and communicate with the Coxswain or Rower with an unaided voice (no megaphone), preferably in a seated position to be closest to the Competitor
- Inquire if everyone is okay
- Inquire what the question is
 - If you think you'll need to speak with other Crew(s), make sure they remain in the area
 - Be aware if the next Race is approaching and move the Crews to a safe location

- Make a decision on the water
 - Inform the Crew of your decision
 - Ask the Crew if it accepts your decision
 - Signal the *chief judge* appropriately
 - The Crew is satisfied, they accepted your answer
 - Show the white flag
 - For Adaptive Rowing PR3 Races or other Adaptive Events known to include Rowers with visual impairment, announce “White Flag” at the same time as raising the white flag
 - You took some action (e.g. excluded a Crew, changed the placement of Crew(s)) and all Crews accepted your decision
 - Show the red flag
 - For Adaptive Rowing PR3 Races or other Adaptive Events known to include Rowers with visual impairment, announce “Red Flag” at the same time as raising the red flag
 - Announce your decision to the *chief judge*
 - Show the white flag
 - For Adaptive Rowing PR3 Races or other Adaptive Events known to include Rowers with visual impairment, announce “White Flag” at the same time as raising the white flag
 - Give the time
 - You took some action but one or more Crews elects to Protest
 - Show the red flag
 - For Adaptive Rowing PR3 Races or other Adaptive Events known to include Rowers with visual impairment, announce “Red Flag” at the same time as raising the red flag
 - Explain the protest procedure to the affected Crews
 - Notify the *chief judge* of the issue, your decision, the protest, and the time taken on the water
 - Notify the Chief Referee of the pending protest

(12) Notes

- If the *referee* finds that an unsafe or unfair condition exists (e.g. weather, obstacle, debris), he or she shall stop or suspend that Race and notify the Chief Referee
- In a Race without Coxswains where there are more than four Crews competing, two *referees* shall follow the Race initially, but the second may subsequently withdraw if he or she judges that the Race is proceeding satisfactorily
 - Prior to withdrawing, the second *referee* shall communicate intention to withdraw and receive an acknowledgement of acceptance from their *referee* partner
 - A *referee* who has given instruction to a Crew or otherwise interacted with a Crew shall follow the Race to its conclusion
- For each Race, there shall be, in addition to the *referee* following the race, an additional launch immediately accessible to the Crews in case of an emergency

- It may be a second *referee* following the Race, a safety launch following the Race, or one of a series of safety launches stationed at the perimeter of the Course that is within 500 meters of the Crews at all times throughout the Race
- If the Regatta includes Adaptive Rowing Events, safety launches may need to be spaced more closely to decrease the response time as fixed seat competitors are strapped to the boat and may need immediate assistance if a problem arises.
- For the *referee* to intervene, a Crew does not need to raise a hand to object
 - If a Crew is deprived of its fair opportunity of winning, placing, or advancing, the *referee* **shall** take appropriate action to restore that opportunity
 - This includes effects from previously unknown obstacles, but not previously known obstacles
 - If you believe a Crew was negatively impacted in a Race and should advance to the next round as an additional Crew, discuss this with the Chief Referee prior to confirming this solution to the Crew
 - In all cases, the Crew should be informed that advancing is conditional on what happens in the other Races in that round of that Event
 - If necessary to prevent the Crew from gaining an unfair advantage to the other Crews advancing normally, the *referee* may require the disadvantaged Crew to row over a portion of the Course
- It is the *referee*'s responsibility to protect the Crews that have an opportunity to win, place or advance (those in contention)
 - Minimize your impact on trailing Crews but not at the expense of protecting the contenders
 - If a wakeless launch is partnered with a john boat, the wakeless should move up with the contending Crews even if it means switching sides
- Many *referees* will work with their launch drivers to also have the launch driver operate the stopwatch for timing. If you choose to do this, make sure you are very comfortable with the launch driver's skills and give them specific instructions about how to handle the launch towards the finish of the race.
 - They should not change the position of the launch to get a better view of the flag without your direction.
 - They should not change their position in the launch to gain a better view of the flag such that it upsets the balance of the launch.

6) Finish Area

a) Chief Judge

The position of *chief judge* must be staffed by a licensed Assistant Referee or Referee. Under the supervision and control of the *chief judge*, the *judges* shall determine and record the order of finish, determine the proper placement of crews, and compute the appropriate time margins.

(1) Role

The *chief judge* and additional *finish judges* (licensed Referees, Assistant Referees, or volunteers) determine the order of finish and elapsed race times for all Crews. The *chief judge* assigns the finish line

personnel to the various finish line tasks (e.g. order of finish, timing, video capture, finish flag, horn, spotter, and scribe). They may be assisted by electronic timing, recording crews and equipment. However, *finish judges* always provide manual times as a back up to any electronic system.

(2) Equipment

- Large orange flag
- White flag
- Heat sheet
- Program or finish cards
- Stopwatch(es) capable of taking and retrieving multiple splits
- Air horn or other noise maker
- Electronic Timing System, if provided by LOC
- Radio
- Red flag

(3) Staffing

Staffing at the finish line can vary greatly depending on the size of the Regatta and the number of volunteers. At some venues, volunteers will have signed up for a specific position; if at all possible, honor the position they selected.

Following is the list of roles at larger regattas with ample volunteers:

- *Chief judge*
- *Finish judge* (order of finish) (preferably 2)
- *Finish judge* (timing) (preferably 2)
- Flagperson
- Horn operator
- Spotter
- Scribe / Results entry
- Camera operator
- Electronic Timing Staff

(4) Pre-Race Procedure

- Confirm the finish line (placement of any wires, target, seating available for *judges*)
- Ensure the whole line is visible and bow numbers will be distinguishable
- Train all *judges* (both referees and other volunteers)
 - Placement on the line
 - Role (order of finish, timing or both)
 - Video operation if necessary
 - Do at least one practice run
- Train and position the Flagperson
- Train and position the horn operator
- Confirm that any camera or video equipment is properly positioned and operational
- Confirm that any electronic signals from the Start are properly operational

- Confirm the process for comparing and approving manual results with any electronic timing system in use

(5) Procedure

- The *chief judge* and the *judges* shall sit one behind and above each other so that each has a clear view of the finish line
- As the Crews approach the finish area (last ~250 meters)
 - Announce the event and number of Crews (e.g. “Women’s 8+, 5 Crews”)
 - Instruct the Flagperson to raise the finish flag (“Flag Up”)
 - Instruct *finish judge(s)* (timing) to clear their stopwatches (“Clear your watches”)
 - Instruct the camera operator to turn on the camera (“Camera On”)
 - Instruct *finish judge(s)* (order of finish) to watch the finish line (“Eyes on the line”)
- As the bow of the first Crew touches the finish line, the *chief judge* shall call out “Mark!”
 - The Flagperson shall quickly and crisply lower the finish flag
 - The Horn operator shall sound the horn or other noise maker
- Thereafter, as each remaining Crew touches the finish line, the *chief judge* shall call out “Mark!”
 - The finish flag shall be alternately raised and lowered as each Crew touches the finish line
 - The horn or other noise maker shall be sounded to signal to each Crew that it has crossed the finish line
- If there is a trailing Crew(s) and a time gap
 - Announce a trailing crew(s) (e.g. “2 boats remaining”)
- If all Crews have finished, announce “All Crews across.” This:
 - Notifies the camera operator he or she can stop recording
 - Notifies the Flagperson to lower flag and place it out of sight
- Watch for the *referee* following the Race, the *referee* in the lanes closer to the judges stand if more than one followed the Race, to show the flag to the Competitors and to the *chief judge*
 - If the *referee* raises the white flag indicating an official Race
 - Wait for the *referee* to report the finish time (over megaphone or radio as directed by Chief Referee)
 - Write the time reported by the *referee* on the finish card or program
 - Raise the white flag to the *referee* to acknowledge the receipt of the time
 - Continue the procedure to release the results
 - If the *referee* raises the red flag for a protest
 - Wait for the *referee* to announce the protest and the finish time (typically over the radio)
 - Write the time reported by the *referee* and “under protest” on the finish card or program
 - Raise the red flag to the *referee* to acknowledge the receipt of the time and that the race is being protested
 - Notify the Chief Referee of the pending protest
 - Hold the results from the Race under protest
 - If the *referee* raises the red flag to assess a penalty then raises a white flag to indicate an official Race

- Wait for the *referee* to announce the penalty, typically over the radio (e.g. Lane 4, Eastern College, exclusion for interference)
 - Wait for the *referee* to report the finish time
 - Write the time reported by the *referee* on the finish card or program
 - Write the penalty assessed to the Crew(s) and adjust the order of finish as needed
 - Raise the white flag to the *referee* to acknowledge the receipt of the time
 - Continue the procedure to release the results
- Confer with the *finish judge(s)* (order of finish) to determine the official order of finish of the Crews and record the order of finish on the finish card or program
 - The *chief judge* shall resolve any disagreements among the *finish judges*, and his or her factual finding shall be final
- Confer with the *finish judge(s)* (timing) to determine the split time intervals between the first place Crew and all remaining Crews (cumulative splits) and record the times on the finish card or program
 - If multiple splits are taken for each Crew, do not average the splits; select the split time that is repeated if possible
 - If only using manual timing, compute the elapsed times for each Crew by adding their split to the time from the *referee* on the water
- If electronic timing is in use, compare the manual order of finish and times from the finish card or program with those determined by the electronic timing system
 - Depending on the Timing vendor, this may be done by signing a printout of the results, or approving the electronic results via a webpage or web application
 - If there is any variance, the *chief judge* will review both sets of results and resolve the discrepancy
- If printed results are available, the *chief judge* will sign a printed copy of the results for each Race and present the written record to the Chief Referee at the conclusion of the racing session
- The *chief judge* or delegate will communicate with
 - *Control Commission* to identify boats for weighing if based on order of finish
 - The *finish marshal* to send the boats to the awards dock in the correct order

(6) Notes

- Make sure the finish line staff and electronic timing staff know not to release any results prior to their approval by the *chief judge*
 - This includes Twitter feeds, websites, phone calls, texts, etc.
 - If results are being posted directly from electronic timing to an onsite scoreboard or Jumbotron, ask the Chief Referee if unofficial results may be posted as the Crews cross the finish line or if all results must wait until official before posting
- At some Regattas, the Chief Referee and/or the LOC may request that the calls by the *chief judge* as each Crew touches the finish line to be different from the “Mark!” described above
 - Alternate 1: the place of each Crew as it touches the finish line (e.g. “One!”, “Two!”, “Three!”, etc.); this would correspond with the order of finish
 - Alternate 2: the bow number of each Crew as it touches the finish line (e.g. “Two!”, “Four!”, “Three!”, “Five!”); this would correspond to the order of finish

- Work with the volunteers and other referees so that the process chosen at the beginning of the Regatta shall be used consistently across all racing sessions.

b) Finish Marshal

(1) Role

The *finish marshal* is responsible for monitoring the Crews for medical issues and raised hands. Additionally, the *finish marshal* should monitor the Crews returning to the docks or progressing to the start for adherence to the traffic pattern and safety and to ensure the finish line is clear while Races are finishing. At some Regattas, the *finish marshal* will be responsible for checking Coxswain weights.

If an awards dock is in use for finals, the *finish marshal* is typically tasked with notifying Crews that medaled to proceed to the awards dock and in what order.

(2) Equipment

- Megaphone
- Heat sheet
- Binoculars
- Radio
- Water for Crews if no safety boat is assigned to that role

(3) Procedure – Awards Dock

- After each Race, communicate with the *chief judge* or designate to receive the information on which Crews to notify to proceed to the awards dock and the order the Crews should approach the dock if not all at once
- Instruct identified Crews using a megaphone to proceed to the Awards dock
 - If not all at once, notify the Crews in the order of desired appearance

(4) Notes

- If the Regatta includes Adaptive Rowing Events, keep a close eye on Competitors for signs of distress in excessively hot, humid, or cold temperatures. Some Rowers competing in Adaptive and Para Events may have issues with temperature regulation (e.g. inability to sweat, susceptible to hypothermia in cold conditions, susceptible to hyperthermia in warm and humid conditions).

III) SPECIAL RACE SITUATIONS

1) Protest Hearings

(1) Matters Subject to Protest

- To the extent that Race Officials acting within the scope of their duties make explicit findings of fact, those findings shall be final
 - Such findings include
 - *Referee*: whether a Crew was out of its lane
 - *Judge at start*: whether a Crew left the starting line early
 - *Chief judge*: order of finish

(2) Order of Proceedings

- Introduction of members of the *jury*
- Reading of the protest statement
- Any further evidence presented by the protesting party
- Evidence, if any, presented by the Crew or Crews whose actions are complained of, or who would be affected by the outcome of the protest
- Reports of the Race Officials involved and other necessary witnesses
- Closing statements, if any, by the representatives of the Crews
- Deliberations of the *jury*
- Announcement of the *jury's* decision by the Chief Referee
 - Upon request of any party to the protest, the *jury* shall provide a written statement and conclusions that formed the basis of its decision

(3) Appeal from the Jury

- USRowing or designate may hold such proceedings and establish such procedures as may be necessary to ensure fairness and protect the rights of the parties
- It may, before deciding the appeal, require a written report from the *jury* of the Regatta involved stating the basis of the decision
- A written decision on any appeal shall be rendered within ten (10) working days after having received the appeal
 - If additional time is necessary to ensure fairness and protect the rights of the parties, the duration may be extended
- Decisions of the appeal panel are final and not subject to further review except through the USRowing Grievance Procedure described in the Chief Executive Officer Procedures Manual

2) Time Trials

Time Trials are held in place of heats for Events with a large number of entries or where it is desirable to seed Crews into heats based on a time from a preliminary race against the clock. Time Trials are typically 1900 meters in length and run in two designated lanes. Crews are sorted into one of the two lanes with a Crew crossing the starting line for the time trial approximately every 30 seconds, giving a gap of one minute between Crews in the same lane. Crews being caught or overtaken must yield to the outside of the Course, allowing the faster Crew to proceed in the designated lane (e.g. if lanes 2 and 3 are used for the time trial, a Crew being overtaken in lane 2 must yield into lane 1 to allow the overtaking Crew to pass in lane 2) before returning to its original lane assignment. The rules regarding breakage apply in the first 100 meters of the Time Trial.

a) Positions

The Race Official positions for a time trial have different responsibilities in some cases than in sprint races; time trials are more similar to a straight Head Race. Following are descriptions of the roles of the positions that vary from the descriptions presented earlier in this document.

(1) Control Commission

The tasks for *control commission*, including athlete and boat weighing, boat safety checks, and athlete/Crew identifications are the same for Time Trials as for other types of races.

(2) Warm up Marshal

- Sort Crews in order of bow number and send to *start marshal*

(3) Start Marshals (2)

- The first *start marshal* directs each Crew into the appropriate lane
- The second *start marshal* instructs each Crew to begin rowing and proceed to the starting line, leaving approximately 30 seconds between each Crew

(4) Starter

- The *starter* shall indicate to the second *start marshal* to send the first Crew to the starting line. The *start marshal* will continue to send Crews in 30 second intervals unless otherwise instructed by the *starter*.
- The Crews have approximately 80-100 meters in their lanes to build up to race pace before crossing the line. It is the responsibility of the Crew to determine when to build pressure and for being at race pace when its bow crosses the starting line
- As each Crew's bow crosses the starting line, the *starter* shall say "Mark"
 - The timer working with the *starter* will announce the time when the *starter* said "Mark"
 - The scribe working with the *starter* will record the time announced by the timer along with the bow number of the Crew
 - Alternate: the starter shall call out the Crew name and bow number followed by Go! ("Western University, 33, Go!")

(5) Course Marshals

- The first referee shall be positioned at the end of the Starting area at the 100 meter mark. Thereafter, referees shall be positioned every 250 meters along the Course to monitor the Race
 - If there are insufficient referees or launches for every 250 meters, *course marshals* should be spread evenly along the length of the Course
 - *Course marshals* should be positioned in the outer lanes of the Course, alternating sides (e.g. *course marshal* at 250m in lane 1, at 500m in lane 6)
- *Course marshals* monitor both the Crews on the Course and the Crews following the traffic pattern towards the warm up area and the starting line as well as those moving towards the recovery docks or cool down area from the finish line
- *Course marshals* must be aware of potential yielding and overtaking situations, ensuring that slower Crews move to the outside lanes

(6) Chief Judge

- The *chief judge* will determine when each Crew touches the finish line and shall announce "Mark"
 - The timer working with the *chief judge* will announce the time when the *chief judge* said "Mark"

- The scribe working with the *chief judge* will record the time announced by the scribe along with the bow number of the Crew

(7) Finish Marshal

- Monitor the safety and wellbeing of the Competitors
- Keep the finish area clear of Crews

b) Notes

- Any Crew appearing out of order shall be started last in their Time Trial Event if the Event is still in progress
- Crews that show up after the Time Trial for their Event is completed will not be allowed to race the Course for a time

3) Head Racing

a) Positions

The Chief Referee will assign the licensed Assistant Referees, Referees, and volunteers to the required positions. Following are descriptions of the roles of the positions that vary from the descriptions presented earlier in this document.

(1) Start Marshal

- The *start marshal* is responsible for organizing participating Crews above the start into the proper order and interval
 - Verify the presence of scheduled Crews
- A *course monitor* may be assigned to assist the *start marshal* in enforcing the warm up and staging traffic pattern
- At the signal of the *starter*, the *start marshal* shall direct the Crews into the starting chute in the proper order and at the correct interval

(2) Starter

- The *starter* shall be stationed on the starting line and shall be responsible for administering the starting procedures, including maintaining the order of the start and the proper intervals between Crews
 - Verify the presence of scheduled Crews
- Signal to direct the *start marshal* to begin directing the Crews into the starting chute in the proper order and at the correct interval
- As each Crew approaches the starting line, the *starter* shall instruct them as necessary to maintain the proper interval
 - It is the responsibility of the Crew to determine when to build pressure and for being at race pace when its bow crosses the starting line
- As each Crew's bow crosses the starting line, the *starter* shall say "Mark"
 - The timer working with the *starter* will announce the time when the *starter* said "Mark"
 - The scribe working with the *starter* will record the time announced by the scribe along with the bow number of the Crew

- Alternate: the starter shall call out the Crew name followed by Go! (“Western University, Go!”)

(3) Course Monitors

- *Course monitors* shall be stationed at each point along the course, either on shore or in launches, wherever conditions may require the observation or control of crews such as:
 - Turns of more than 45 degrees
 - Narrow passage preventing overtaking Crew from passing safely
 - Where local Regatta rules prescribe penalties for not maintaining an established course or for making an improper turn
- *Course monitors* shall note any violation of local Regatta rules, including traffic pattern rules, right of way rules, or turning rules
 - Give instructions to Crews to avoid serious collision or accident, to avoid Interference
 - May exclude a Crew on the spot if warranted
 - Report any violations to the *chief judge* or other Race Official as instructed
- Launches for *course monitors* shall be stationary while a Race is in progress, but may move to respond to emergencies

(4) Chief Judge

- The *chief judge* will determine when each Crew touches the finish line and shall announce “Mark”
 - The timer(s) working with the *chief judge* will announce the time when the *chief judge* said “Mark”
 - The scribe(s) working with the *chief judge* will record the time announced by the timer along with the bow number of the Crew
 - Sufficient timers and scribes will assist to provide for the rapid and accurate determination of the order of finish and elapsed times
- After each Crew finishes, observe the Crews to see if assistance is needed
 - Instruct a *course monitor* or *finish marshal* if intervention is necessary

4) Indoor Rowing Regattas

a) Positions

(1) Starter

The position of *starter* must be staffed by a licensed Assistant Referee or Referee. The *starter* will be working with the Race Computer Operator to execute the starting sequence for Indoor Rowing Races.

(a) Pre-race procedures

- Meet with the Race Computer operator and determine how you will work together to implement the starting procedures
- Work with the Race Computer operator to ensure all Indoor Rowing Machines are connected and reporting.

- Work with the Race Computer operator to perform a test starting sequence. Have referees and volunteers visually confirm the operation of the start on the graphical displays of the Indoor Rowing Machines.
- Work with the Race Computer operator and the LOC to ensure that any other required audio/visual connections are operating correctly

(b) Procedure - Starting the Race

- Invite the Rowers for the next Race into the Starting area
 - Event Number/Name (e.g. “Race 27, Women’s Varsity 8+ Heat 2”)
 - Invite Rowers to be seated on their assigned Indoor Rowing Machine (e.g. “Please be seated”)
 - Relevant Number of Minutes to Start (e.g. “Ten Minutes”)
- Whenever practicable, announce the time remaining to the start of the Race at
 - Five Minutes (if not done as part of initial announcement)
 - Four Minutes
 - Three Minutes
 - Two Minutes
- Check to make sure that all Rowers are present
- Alert the *chief judge* and *chief referee* to any anomalies
- Address any uniform violations
- Check to make sure that the Race Computer operator is ready
- Issue warning(s), if any
 - Rower Name/Infraction/Penalty (e.g. “Mr. Smith, Late to Start, Warning”)
- Say “Stop Rowing”
- Wait for all flywheels to slow and the RPM of each Indoor Rowing Machine slows to the point below the threshold set in the Race Computer
- Confirm that the race is ready to start with the Race Computer operator
- Say “Sit Ready”
- Have the Race Computer operator trigger the starting sequence

(2) Referee

The position of *referee* must be staffed by a licensed Assistant Referee or Referee. The *referee* is responsible for monitoring the Rowers at the start of the race, observing the conduct of the race and addressing any issues that arise during the race.

(a) Pre-Race Procedures

- Confirm the physical locations of each Indoor Rowing Machine and ensure that it has not been moved
- Confirm the location(s) where coxswains are allowed to be for each competitor
- Work with the *starter* and Race Computer operator to ensure all Indoor Rowing Machines are properly connected and reporting data.

(b) Procedure – Start of the Race

- Note the drag factor setting on each Indoor Rowing Machine

- Communicate with any coxswains not standing in the approved location
- Once two minutes is called, encourage any Rower still rowing to stop

(c) Procedure – Following the Race

- Watch the hands of each Rower to ensure that they don't gain an unfair advantage prior to the Race Computer starting the race
 - If an unfair advantage is gained, raise a red flag and use a noise maker to stop the race
 - Once all Rowers have stopped rowing, report the penalty to the *starter*
- Watch all Rowers and coxswains to ensure that there is no contact between them
- Watch all Indoor Rowing Machines to make sure they do not “walk” into the space designated for another machine

(d) Procedure - Finishing the Race

- Observe the Rowers to determine if any Rower requires assistance
- Observe the Rowers to determine if there are any objections
- If yes
 - Raise a red flag and announce that the results will be withheld pending an objection
 - Discuss the objection with the Rower and render a decision
 - Communicate the objection and decision to the *Chief Referee* and Rower
- If no
 - Raise a white flag

(e) Procedure – Stoppage in the Starting area

- Assist the *starter* in stopping the Race by waving a red flag and using a bell or other noise maker
- Assess the reason for the stoppage
 - Injury, illness, or other safety issue
 - Assess the situation and notify the appropriate resource (e.g. Medical)
 - If the Rower can be safely moved, take the Rower to the nearest medical personnel. If they cannot be moved, bring medical personnel directly to the Rower.
 - After securing the safety of the Rower(s), notify the *Chief Referee* of the Rower's status and any additional resources necessary
 - Communicate the resolution to the *starter*
- If Broken Equipment
 - Determine the extent of the damage as well as the effort and duration to repair
 - Communicate what is required to the *Chief Referee* (wires for interconnection, footstretcher)
 - Communicate with the *starter* to receive instructions for the Rower in question and the other Rowers in that Race
 - Work with both the *starter* and *Chief Referee* to address how to reschedule the race
- Other
 - Determine the reason for stoppage
 - Communicate the reason to the *starter* including any applicable penalty

(3) Chief Judge

The position of *chief judge* must be staffed by a licensed Assistant Referee or Referee. The *chief judge* shall work with the Race Computer operator and other LOC personnel to determine and record the order of finish, determine the proper placement of crews, and compute the results based on the Race type. The *chief judge* may also need to be the link between the Race Computer operator and an Electronic Timing System operator or Regatta Management System operator.

a) Pre-Race Procedure

- Work with the Race Computer operator to understand how results are being generated
- Understand any interfaces between the Race Computer and Electronic Timing Systems or Regatta Management systems
- Determine how results will be reviewed and made official
- Confirm with the *Chief Referee* what constitutes the completion of the race. For example, at what point does a Rower repeatedly rowing and stopping for a duration constitute that Rower not completing the Course.

b) Procedure - Finish of the Race

- The *chief judge* shall sit near the Race Computer operator
- When all Rowers have completed the Course, the Race Computer operator shall compile the results of the Data Files from the Indoor Rowing Machines
- If an Electronic Timing System or Regatta Management system is being used to display the results of the race, the Race Computer operator shall send the results to that system for review and display
- The *chief judge* shall review the results and certify them
- If the race is part of a preliminary round of racing, the *chief judge* shall verify the progression for the next round of racing

b) Notes

At most Indoor Rowing Regattas, it is advised that the *starter* and *chief judge* be the same person as they will be interacting with the same Race Computer operator for activities at the start and finish of a race.

LOC GUIDANCE MANUAL
2021

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I) REGATTA RESPONSIBILITIES

1) Overview

Each Regatta shall be sponsored by a local organizing committee (LOC), which shall be responsible for its operation. The duties and powers of the LOC shall include:

- (a) Seeking and receiving the status of Registered Regatta from USRowing;
- (b) Choosing a name for the Regatta, except for National Championship Regattas already named by USRowing;
- (c) Establishing and collecting all fees, including entry and scratch fees, from participating Crews;
- (d) Determining the Events to be offered at the Regatta, establishing the applicable progression system (see Progression Systems section below), and where necessary, devising a progression system where the number of entries is beyond the capacity of existing systems;
- (e) Receiving entries and establishing the racing schedule;
- (f) Publicizing the Regatta;
- (g) Managing the finances of the Regatta;
- (h) Providing for the Course as described in the Courses section below;
- (i) Providing for the comfort and convenience of Competitors, Teams, Race Officials, and spectators;
- (j) Appointing a Regatta Director, a Regatta Secretary, a Control Commission, and such other officers, committees, or other bodies as are necessary for the operation of the Regatta whose appointment is not otherwise provided for in the USRowing Rules of Racing. The division of duties among the officers may be different than specified in the Rules, provided that equivalent responsibilities are established.
- (k) Having calibrated practice scales available before the Regatta begins to allow Competitors to test weigh for their Events;
- (l) Having boat weighing scales available to Crews before the first Race of the Regatta for the test weighing of boats if boat weighing will be conducted at the Regatta;
- (m) Securing all necessary permits in order for the Regatta to take place;
- (n) Ensuring for the safety of all participants during scheduled practice sessions.

2) National Championship Regattas

At USRowing National Championship Regattas, a staff member from USRowing's Events Department shall act as the representative of USRowing to the LOC. The representative shall consult with the Regatta Director on the conduct of the regatta, and along with the Chief Referee, shall supervise the LOC to ensure compliance with the Rules of Racing and the specifications for a National Championship Regatta.

3) Trials Regattas

Trials Regattas are Regattas to select the National Team, which follow the [Trials Rules section](#) of the USRowing Rules of Racing and the National Team Selection procedures posted at www.usrowing.org. Typically, Races to determine the National Team are held at Regattas solely for that purpose. However, in extenuating circumstances, Trials Races may be held during another Regatta. If a Trials Event is held in conjunction with another Regatta, the schedule of racing shall be approved by USRowing.

4) Regattas with Adaptive or Para Rowing Events

Regattas that include Adaptive or Para Events have additional considerations that need to be addressed when planning the Regatta.

(a) Schedule

- Allow for sufficient time and space on the launch and recovery docks and to row from the docks to the Starting area
- Allow for sufficient race centers to account for the longer time required for fixed seat races. Typically, the time required to complete their race from shortest to longest by classification is:
 - PR3-VI
 - PR3-PD
 - PR3-II
 - PR2
 - PR1

(b) Traffic Pattern

- Allow for traffic pattern separation for fixed seat Crews from all other Crews
- Allow for additional safety boats, if needed, at shorter distance intervals, especially for hot/cold/humid weather or Head Races

(c) Venue

- Verify accessibility and safety of registration area, meeting areas, docks, launching areas, boat storage areas, and sanitary facilities for athletes in wheelchairs, using crutches, or assisted by guide dogs or other authorized caregivers
- Provide a secure storage area for wheelchairs, prostheses, or other mobility devices while the Adaptive Rowers are on the water
- Provide for a second finish or start line with proper staffing and equipment if the Adaptive or Para Rowing Races are contested over a different race length than other Races
- Consider additional safety crews (lifeguards) with swim goggles ready for strapped in Rowers
- Verify sufficient accessible parking, close to the boathouse or other critical areas, for wheelchair users
- Provide a fully accessible private room and equipment for classification when needed
- Ensure that athlete weighing, boat weighing, medical services areas, and anti-doping areas are fully wheelchair accessible
- Ensure that there are sufficient accessible restrooms and changing areas for Rowers who are classified to participate in Adaptive and Para Events

II) STAFFING

1) LOC Officers

Following are the typical roles and responsibilities of the LOC Officers. Depending on the size of the Regatta, some of these may not be necessary.

a) Regatta Director

- (1) General Responsibility for the logistical operation of the Regatta
- (2) Liaison with the Chief Referee
- (3) Liaison with USRowing
- (4) Liaison with committee chairs
- (5) Liaison with local authorities and politicians
- (6) Oversee Secretary and Treasurer duties

b) Race Logistics & Operations

- (1) Administration
 - (1) Work with Regatta Secretary for entry processing and registration
 - (2) Access control / Credentials
 - (3) Information Distribution
 - (4) Announcers
- (2) Volunteer Coordinator
 - (1) Listing of Volunteer positions
 - (2) Schedule of Volunteer shifts
 - (3) Volunteer Database
 - (4) Recruiting of Volunteers
 - (5) Volunteer Tent
- (3) Venue Coordinator
 - (1) Layout of the Venue
 - (2) Boat area
 - (3) Parking/Shuttles
 - (4) Ticketing
 - (5) Closed Circuit Television
 - (6) Concessions
 - (7) Seating
 - (8) Merchandise
- (4) Medical Services
 - (1) Water / Ice
 - (2) Emergency Care
 - (3) On-the-water safety
 - (4) On-site drug testing (if required)
- (5) Boat Rental Coordinator
 - (1) Development and Execution of Boat Rental Program
 - (2) Rental Pricing and Registration

- (6) Course Coordinator
 - (1) Installation of Course
 - (2) Maintenance of Course
- (7) Launch Coordinator
 - (1) Securing # of Motor Launches
 - (2) Launches in Working Order
- (8) Control Commission
 - (1) Acquisition of sufficient docks for launching and recovery
 - (2) Oversight of boat safety check area
 - (3) Oversight of athlete and boat weighing scales and area
 - (4) Distribution of bow numbers, if provided by LOC

c) Local Marketing

- (1) Sponsor and Vendor Coordinator
 - (1) Solicit and Service Sponsors
 - (2) Solicit and Service Vendors
 - (3) Ad Sales for Program
 - (4) Fundraising
- (2) Public Relations Coordinator
 - (1) Generate Publicity with Local Media
 - (2) Press Releases
 - (3) Media Services on site
 - (4) Local Media Promotions

2) Volunteers

It is highly recommended that the LOC Regatta Director and the Chief Referee communicate prior to the Regatta to set expectations and requirements for the number and positions for desired volunteers. The following descriptions are for racing sessions. If the Regatta includes Adaptive and Para Events, it is normally helpful to have additional volunteers to help with each Rower's equipment (e.g. crutches, prostheses, wheelchairs).

a) Starting Area

The requirements for volunteers at Sprint Races and Head Races are different due to the disparity between the start of the Race.

For Sprint Races, the following volunteers are recommended:

- (1) Stakeboat holders for each lane plus a minimum of two extra in reserve to allow for bathroom breaks. It is highly recommended that there be a supervisor to oversee the boat holders.
- (2) An aligner to assist the *Judge at Start* with getting the Crews in a race into alignment on the starting line. At many Regattas, this role is filled by a referee.
- (3) Safety marshals along the Course, as well as in the warm-up and cool-down areas, are staffed by LOC volunteers at some Regattas either where venue-specific knowledge is critical or due to a shortage of licensed Race Officials.

For Head Races, the following volunteers are needed:

- (1) For large Head Races, it is beneficial to have a volunteer Starting area marshal to help the Referee Start Marshal organize the Crews and stage them for the start.
- (2) A Timer who is responsible for identifying and marking the starting time for each Crew.
- (3) A Clerk who is responsible for recording and communicating the starting time for each Crew.

b) Finish Line

- (1) Sufficient Timers and clerical personnel are needed to assist the *Chief Judge* and other Race Officials to provide for the rapid and accurate determination of the order of finish.
- (2) For Sprint Races, a Flagperson equipped with a highly visible flag shall be stationed just beyond the finish line, in such a manner as not to obstruct the view of the *judges*, and so as to be visible to the referee's launch. As the bow of the first Crew touches the finish line, the Flagperson shall quickly lower the flag. Thereafter, as the bow of each remaining Crew touches the finish line, the flag shall alternately be raised and lowered as each Crew touches the finish line.
- (3) For Sprint Races, a Horn operator equipped with an air horn or other noise maker shall be stationed just beyond the finish line or seated on the finish line with the judges. As the bow of each racing Crew touches the finish line, the Horn operator shall sound the air horn or other noise maker.

c) Monitors for Head Races

Monitors shall be stationed at the following locations:

- (1) At each point on the Course requiring a turn of more than 45 degrees.
- (2) At each point on the Course in which a narrow passage would prevent an overtaking Crew from passing safely.
- (3) In any area where the local Regatta rules prescribe penalties for not maintaining an established course or for making an improper turn.

Additionally, a monitor may be assigned to assist the Marshal in the Starting area in enforcing the warm-up and staging traffic pattern.

d) Launch Drivers

A launch driver is needed for every launch that will be on the water for either Race Officials or safety personnel. Ideally, the driver will be trained to safely operate the type of launch they will be driving as well as possessing an understanding of the duties that will be required of them at the position to which they have been assigned. At some Regattas, with prior agreement between the LOC and the Chief Referee, the launch drivers are licensed referees rather than volunteers.

3) Race Officials

a) Chief Referee

Appointment of the Chief Referee for all USRowing National Championship Regattas shall be made by the CEO of USRowing from a list of nominees recommended by the USRowing Referee Committee. For USRowing District or Regional Championships, the recommendations for Chief Referees are delegated to

the Referee Regional Coordinator for the region. Additionally, the Chief Referee for any Regatta containing Trials Events to select the National Team shall be appointed by the CEO upon the recommendation of the Trials Coordinator in consultation with the Chair of the Referee Committee and the Trials Director. Appointment of the Chief Referee for all other Registered Regattas shall be according to the procedures established or approved by the USRowing Referee Committee (see [Rules of Racing 2-102 “Appointment of the Chief Referee”](#)).

b) Race Officials

With the exception of USRowing owned Regattas, appointments of all other USRowing licensed referees at a Regatta are made by the Chief Referee. The Chief Referee, with the support and assistance of the LOC, has the primary responsibility for soliciting referees. The Referee Committee and the Regional Coordinators may act as an information resource to the LOC and may informally provide guidance on appointments.

III) EQUIPMENT / SUPPLIES

1) Motor Launches

The LOC shall provide motor launches for use by Race Officials and by safety personnel.

- a) Each launch for Race Officials shall be capable, when occupied, of maintaining a speed necessary to follow a Race, but without unnecessary wake. The LOC shall use its best efforts to procure launches whose hull design minimizes wake, such as catamaran or flat bottomed launches. Each launch shall carry personal flotation devices for each occupant of the launch plus at least two extra; however, it is recommended that sufficient PFDs for the largest crew racing be carried as extras.
- b) Sufficient motor launches for Race Officials shall be available to follow each Race with two Race Officials. If not enough launches can be found for this purpose, a series of safety launches stationed at the perimeter of the Course that is within 500 meters of the Crews at all times throughout the Race may be used instead of a second Race Official motor launch following the Race. It is preferred that two launches follow each Race, at least initially, for non-coxed Events.
 - (1) For Regattas that include Adaptive and Para Events, it is recommended to utilize low-profile launches for the Adaptive and Para Races, preferable equipped with yoga mats or similar to protect the Competitors skin and legs when climbing into a launch during rescue.

All launches, whether used as a safety launch or to follow races, shall be equipped with the following:

- Kill switch tether
- Paddle
- Sufficient PFDs
- Any other safety equipment required by local ordinance

2) Bow Numbers

The LOC may have a supply of bow number cards for use at a Regatta, but Crews shall not rely on the LOC to provide such cards. The LOC may also require that a member of a Crew wear a number marker affixed to his or her uniform or affix a number marker to the deck of the boat. Any requirements for bow

number cards or other number markers along with who shall provide such identifying items shall be included in the Regatta packet. Bow numbers should be large enough to be easily visible with the naked eye from shore with good contrast between the number and the background.

3) Medals

At all USRowing National Championship Regattas, gold medals shall be awarded in all national championship Events with three or more entries. Silver medals for second place shall be awarded in all Events with four or more entries. Bronze medals for third place shall be awarded in all Events with five or more entries. The number of medals awarded shall be determined by the number of entries in an Event one hour before the first Race in that Event.

At Masters National Championships, a gold medal shall be awarded for every Event. Medals are awarded for second and third place regardless of the number of entries in the Event (e.g. for a race with two Competitors, first and second place medals would be awarded, but not a third place medal) .

For Club National Championship and Elite National Championship regattas, the domestic crew finishing highest in each national championship Event shall be designated as the National Champion for that year and shall receive medals, awards, or mementos reserved exclusively for national champions. If a Crew entered by a foreign club or rowing federation, or a foreign unaffiliated single sculler, places first, second, or third in a national championship Event at a National Championship Regatta, it shall receive special gold, silver, or bronze medals memorializing the accomplishment, but the national championship medals, whether gold, silver, or bronze, and the designation and entitlements of National Champion, shall be given only to domestic Crews according to order of placement.

At all other Regattas, the LOC may award medals, trophies, or other prizes in compliance with [Rule 4-101 \(“Amateur Standing”\)](#) of the Rules of Racing, and publish the awards to all participating Crews.

4) Boat Weighing Scales

The weighing scale(s) should be available to the Crews before the first Race of the Regatta where boats will be weighed with sufficient time to allow for the test weighing of boats. Test weighing of boats during racing may be allowed at the discretion of the Chief Referee.

The scales, calibrated and certified in place for the Regatta, should be located in a building or tent to provide protection from the wind. The weighing area shall be easily accessible from the incoming docks and shall be exclusively reserved for the weighing of boats during the Regatta. The scales must be placed on a hard, flat, horizontal surface. Certified test weights should be available to verify the calibration of the scales. Any paperwork from a third party that calibrated the scales should be available upon request.

5) Competitor Weighing Scales

If Coxswains or lightweight Rowers will be weighed at the Regatta, the weighing scale(s) should be calibrated and certified and available to the Crews before the Regatta to allow Competitors to test weigh. If a separate scale(s) will be used for test weighing than the official scale(s), it is recommended that any variation between the two scales be identified and prominently displayed near the test scale(s). It is

preferred that the test scale be certified in addition to the official scale(s). Certified test weights should be available to verify the calibration of the scales. Any paperwork from a third party that calibrated the scales should be available upon request.

The scales should be located in a building or tent to provide protection from the wind as well as a measure of privacy for the Competitors. The scales must be placed on a hard, flat, horizontal surface. Supplies for deadweight for coxswains (plastic bags, sand, tape), if provided by the LOC, should be readily available in the weighing area. The Regatta packet should explicitly state if the LOC is not providing, or limiting weight-making supplies.

6) Electrical Power / Internet

With the proliferation of the use of computers for both entry and results, it is necessary to have electrical power and internet access at the finish line or wherever the results are being entered and printed for posting. If camera or photofinish timing systems are in use, power and internet access is required at all locations where a camera or photofinish timing system are set up (e.g. Sprint Race finish, Head Race start and finish, split timing stations).

7) Public Address System

It is very useful to have a public address system for Regattas that are larger than dual or tri-meets between a small set of schools or Clubs. Ideally, the PA system would be powerful enough to be heard through the boating area so announcements to call Crews to launch for Races, to locate a coach for medical or Equipment issues, or for weather safety alerts can be heard by all the Crews. Not all venues or Regattas call Crews to launch for Races, however it is recommended to have a method of communicating information to the participants in the boating area in case of emergency.

8) Radios

Two-way hand held radios are the standard for Regatta communications. Radios should have sufficient range and power to facilitate clear communication between all points on the venue. It is useful to have separate channels for LOC activity and Race Officials activity. While mobile phones are often used at very small Regattas or for conversations that are lengthy, the open radio channels are a much more effective way of communicating with the full Regatta staff if needed.

Smaller radios with headsets are also typically used as a silent aligning system for Sprint Races. Spare batteries and a few spare radios are a must since these radios will get a lot of usage during a race day.

9) Food / Water

At small Regattas, especially for Youth Crews, many of the Teams bring their own food supplies. However, if the Regatta will last more than a couple of hours, it is recommended that another food and water source be available. Remember that your Race Officials and volunteers may be on the water all day and should be provided for since they do not otherwise have access to food or beverage vendors while performing their duties.

10) Restrooms

Adequate restroom facilities are needed and can be permanent restrooms, portable toilets or a combination of the two. Restroom facilities should be cleaned and serviced each day of the Regatta.

11) Trash

Adequate trash and recycling receptacles should be provided throughout the venue. Both should be emptied periodically throughout each day of the Regatta as needed.

IV) ENTRIES

1) Submission of Entries

The LOC shall establish:

- (a) The method of entry (e.g. paper forms, internet);
- (b) All applicable deadlines;
- (c) Entry fees for Regattas other than USRowing owned Regattas.

Entries for Registered Regattas should include the following information:

- (a) The name of the Club submitting the entries;
- (b) The names of all Competitors;
- (c) USRowing membership number of each Competitor and the date of expiration;
- (d) The affiliation of each Competitor if such affiliation is not with the Club submitting the forms;
- (e) The boatings of all Crews being entered.

Additionally, all Competitors must have a signed waiver on file at USRowing. It is recommended that an online waiver verification process be used.

Late entries may be accepted unless the entry changes the format of the progression system.

2) Substitutions

Once an entry has been submitted and the deadline for submitting the identity of members of the Crew has passed, a Crew other than a single scull may substitute up to one half of its Rowers, as well as the Coxswain. The LOC may prohibit such substitution if it is not submitted in writing to the LOC at least one hour before the first Race of the Event in which the Crew is entered. Additional details about substitutions can be found in the Rules of Racing, [Rule 5-206 \(“Substitutions”\)](#). Substitutions due to the illness of a Competitor are covered in [Rule 5-207 \(“Illness of Competitors”\)](#).

V) PRACTICE SESSIONS

The LOC shall provide for safety during any practice sessions or times described in the Regatta packet. Safety marshals shall be staffed by the LOC with volunteers unless staffing with referees has previously been agreed to by the Chief Referee. A minimum of two safety marshals is recommended for a Sprint Race Regatta and positioned similarly to course monitors for a Head Race Regatta near obstacles and

sharp turns. Launches for the safety marshals must comply with the same safety requirements as for racing sessions. Typically, coaching launches are not permitted on the Course during practice unless specifically mentioned in the Regatta packet. Additionally, an LOC officer shall be responsible for watching the weather forecast for any storms or unsafe conditions, contacting the safety marshals via radio or cell phone to clear the Course or suspend launching if necessary.

In determining times for practice sessions, the LOC should consider the following:

- Sunrise / sunset times (adequate visibility)
- Race schedule (allow time between practice and Crews launching for Racing, and between Racing and Crews launching for practice)

VI) LOCAL REGATTA RULES

The LOC may adopt Regatta rules which mandate that a specific penalty be uniformly applied for one or more lane violations. Any such penalty must be described in details in the application to USRowing for registration and must be publicized and distributed to every competing Team.

The LOC shall post, at the same place as the diagram showing traffic patterns, the location of the first aid station, and the method to summon medical assistance in case of emergency.

Such rules shall include the following items:

- 1) The traffic pattern to be used by Crews while launching, traveling to the Starting Area, waiting for their turn to start, racing on the Course itself, and traveling after the finish.
- 2) The map of the Course, including all traffic patterns and regulations on the water. This diagram shall show the Race Course itself, the route to be taken by Crews from the launching area to the start, any “warm-up” area, any “cool-down” area, and the route to be taken by Crews returning from the finish line. To the extent possible, it shall also show all known obstacles that may interfere with a Crew’s progress on or near the Course. If conditions call for a different traffic pattern during practice hours than during racing, such practice traffic pattern shall also be posted.

Additionally, for Head Races, the following items shall also be included:

- 1) Right of way rules during the Race itself, including any circumstances in which passing is not allowed.
 - a) Typically, a Crew is deemed to be overtaking another Crew when it has moved to within one length of open water of the Crew ahead.
 - b) On those portions of the Course that are straight, a Crew being overtaken shall move away from the buoy line and allow the overtaking Crew to pass.
 - c) Where the course turns, a Crew being overtaken shall move to the outside of the turn and allow the overtaking Crew to pass along the shorter path.
 - d) Passing is not allowed, nor is the Crew being overtaken required to yield, in cases where the overtaking Crew’s position clearly prevents safe passage or where there is insufficient room to yield.
- 2) Penalties, such as time penalties, to be enforced for violation of the traffic pattern, right of way rules, turning rules, or violation of course boundaries. Typical penalties are as follows:

- a) Where buoys mark the boundaries of the Course, and in particular mark turns on the Course, a Crew shall be penalized 10 seconds for each buoy that the Crew passes incorrectly. A Crew passes a buoy incorrectly when any part of its hull passes on the wrong side of the buoy.
 - b) A Crew that misses its correct order at the start shall be penalized 10 seconds.
 - c) A Crew that fails to yield to a Crew being summoned to the Starting Area, or that otherwise interferes with the staging of the start, may be penalized 10 seconds by the Marshal or Starter.
 - d) A Crew that fails to yield to a Crew having proper right of way shall be penalized 30 seconds.
 - e) A Crew that crosses the starting line without its required bow number shall be penalized 60 seconds.
- 3) Starting procedures, including the time at which crews must appear at the Starting Area, the starting order, the starting interval, and staging procedures.
- a) Typically, the Starter will arrange the Crews so that Crews cross the starting line at approximately 10 second intervals. The starting order shall be determined by random lot.
- 4) The manner in which instructions to Crews will be given during the Race.
- 5) The map of the Course shall indicate the location of turns, any known hazardous conditions, Course boundaries, Course markings, the assigned positions of monitors, and any no passing zones.

VII) PROGRESSION SYSTEMS

The progression system in use at a Regatta shall be specified in the Regatta packet for the Regatta. Typically, one of the USRowing Progression Systems described below are used.

1) USRowing Progression Systems

a) Overview

In the USRowing Progression Systems, Events shall consist of finals, and if necessary, heats and semifinals. Those Crews advancing out of each heat are placed in the semifinal or final; all others in the heats are eliminated. In Events having semifinals, those Crews advancing out of each semifinal are placed in the final; all others in the semifinal are eliminated. In Events with more than 36 entries, there shall be one heat conducted as a “Time Trial” as well as semifinals and finals. The distance for the Time Trial shall be as close as practicable to the prescribed distance for the Event, with such variances as may be required by the particular configuration of the venue. The following Progression Systems are recommendations and may be modified by the Regatta Director for safety or fairness if approved by the Chief Referee and published in the Regatta Packet.

b) USRowing Progression System “A” for six-lane racing

| Entries | Heats | Advancing in each Heat | Semi-finals | Advancing in each Semifinal |
|----------------|----------------|-------------------------------|--------------------|------------------------------------|
| 1-6 | 0 | | 0 | (final only) |
| 7 | 2 | (all but last) | 0 | (five boat final) |
| 8-12 | 2 | (3) | 0 | |
| 13-15 | 3 | (2) | 0 | |
| 16-18 | 3 | (4) | 2 | (3) |
| 19-24 | 4 | (3) | 2 | (3) |
| 25-36 | 6 | (2) | 2 | (3) |
| 37+ | 1 (time trial) | (1 st 18) | 3 | (2) |

c) USRowing Progression System “B” for six-lane racing

| Entries | Heats | Advancing in each Heat | Semi-finals | Advancing in each Semifinal |
|----------------|--------------|-------------------------------|--------------------|------------------------------------|
| 1-6 | 0 | | 0 | (final only) |
| 7-12 | 2 | (3) | 0 | |
| 13-18 | 3 | (2) | 0 | |
| 19-24 | 4 | (3) | 2 | (3) |
| 25-36 | 6 | (2) | 2 | (3) |
| 37-54 | 9 | (2) | 3 | (2) |

d) USRowing Progression System “C” for seven-lane racing

| Entries | Heats | Advancing in each Heat | Semi-finals | Advancing in each Semifinal |
|----------------|--------------|-------------------------------|--------------------|------------------------------------|
| 1-7 | 0 | | 0 | (final only) |
| 8-14 | 2 | (3) | 0 | |
| 15-21 | 3 | (4) | 2 | (3) |
| 22-28 | 4 | (3) | 2 | (3) |
| 29-42 | 6 | (3) | 3 | (2) |
| 43-63 | 9 | (2) | 3 | (2) |

2) USRowing Alternate Progression Systems**a) Overview**

In the USRowing Alternate Progression Systems, Events shall consist of finals, and if necessary, heats, repechages, and semifinals. Crews advancing out of each heat are placed directly in the semifinals or finals. All others in the heats go to the repechages. Those advancing out of the repechages are placed in the semifinals or finals; all others in the repechages are eliminated. All those advancing out of the semifinals are placed in the grand final (A final); all others in the semifinals may be placed in a petite final (B final). The following Alternate Progression Systems are recommendations and may be modified by the Regatta Director for safety or fairness if approved by the Chief Referee and published in the Regatta packet.

Random lots or a randomized computer system shall be used to determine the composition of heats and the assignment of lanes in heats. In Events with more than 36 entries, the composition of the repechages shall be determined by seeding entries according to the order of finish in the heat. Lane assignments for subsequent rounds shall be assigned according to the order of finish in the prior round. At the majority of venues, the lanes for repechages, semifinals, and finals are assigned from the center lanes outward according to the orders of finish in the previous round.

b) USRowing Alternate Progression System “A” for six-lane racing

| Entries | Heats | Adv. In each heat | Repechages | Adv. In Each Repechage | Semi-finals | Adv. In each Semi (final only) |
|----------------|---------------|---|-------------------|-------------------------------|--------------------|---------------------------------------|
| 1-6 | 0 | | | | | |
| 7-8 | 2 | (1) | 1 | (4) | 0 | |
| 9-12 | 2 | (1) | 2 | (2) | 0 | |
| 13-15 | 3 | (3) | 1 | (3) | 2 | (3) |
| 16-18 | 3 | (1) | 3 | (3) | 2 | (3) |
| 19-24 | 4 | (1) | 4 | (2) | 2 | (3) |
| 25-36 | 6 | (1) | 6 | (1) | 2 | (3) |
| 37+ | 1 (head race) | (1 st 6 (next 36 to repechages; rest eliminated) | 6 | (1) | 2 | (3) |

c) USRowing Alternate Progression System “B” for seven-lane racing

| Entries | Heats | Adv. In each heat | Repechages | Adv. In Each Repechage | Semi-finals | Adv. In each Semi (final only) |
|----------------|--------------|--------------------------|-------------------|-------------------------------|--------------------|---------------------------------------|
| 1-7 | 0 | | | | | |
| 8-11 | 2 | (2) | 1 | (2) | 0 | |
| 12-14 | 2 | (1) | 2 | (2) | 0 | |
| 15-16 | 3 | (3) | 1 | (3) | 2 | (3) |
| 17-20 | 3 | (2) | 2 | (3) | 2 | (3) |
| 21-22 | 4 | (2) | 2 | (2) | 2 | (3) |
| 23-28 | 4 | (1) | 4 | (2) | 2 | (3) |
| 29-42 | 6 | (1) | 6 | (2) | 3 | (2) |
| 43-63 | 9 | (1) | 9 | (1) | 3 | (2) |

3) Changes in the Form of Progression

Once the form of progression has been published based on the number of entries in an Event, the LOC may change the progression only under the following circumstances:

- a) No later than one hour before the Scheduled Time of the first Race in the Event, if due to scratches, the reduced number of entries would call for a different form of progression under the applicable progression system. In this situation, a new draw shall be conducted to determine the composition of the heats and the lane assignments.

- b) Any time before the first Race in the Event, if due to scratches, the Event would be reduced to a final only, with no heats, under the applicable progression system.

VIII) COURSES

For all courses, the LOC is responsible for producing a graphical representation of the Course and all technical installations including traffic pattern maps showing patterns both for practice and race days. These maps are to be prominently posted at the Regatta venue, included in the Regatta packet, and available in the launching area.

1) Sprint Courses

a) Overview

This Course description is intended to describe the layout and features of a fully configured Course that would be used for USRowing National Championship Regattas (Class “A” Course). Variations of these guidelines, usually simplification to minimize expense, are often necessary to meet local budget considerations. These guidelines are intended to describe an ideal Course suitable for all but elite international rowing Events.

b) Location

Where possible, a Course should be located near an urban area so that food, lodging, medical, and transportation services are readily available. In planning Regattas which will draw entries from large distances, the convenience of public transportation should also be considered. The aim in choosing a Course location should be convenience and availability to a large number of rowing organizations so that the investment of time, money, and maintenance efforts will bear a good return.

c) Venue

The Course should be protected from wind as much as possible. Typically a body of water located in a narrow valley or depression, or surrounded by trees, is ideal. Surrounding trees should be located so that any winds that do reach the water surface are equal across all lanes. Although it is preferable to avoid all wind, a head or tail wind is usually more fair than a side wind.

Ideally there should be no current. If there is a current, it should be so slight and so uniform as to assure equal racing conditions on all lanes. Additionally, the shore adjacent to the course should be sloped so as to absorb, rather than reflect, waves from motor launches.

The venue also needs sufficient space on shore for shell trailers, Competitors, Race Officials, volunteer parking, a boat storage area, weigh-in scales, and a controlled launching area. Nearby spectator parking is considered a best practice.

d) Water

The stretch of water chosen should be straight and should accommodate a minimum of three lanes, up to a maximum of eight lanes for racing. Where possible, its depth at the shallowest point should be 3 meters

where the depth varies along the course. If depth is uniform throughout the Course, the minimum depth is 2 meters. In any case, the recommended optimum depth for a Course is 3.5 meters.

e) Length

The length of a Race Course shall be 2,000 meters from start line to finish line, except that the Race Course for Masters shall be 1,000 meters. There shall be an additional expanse of open water beyond the finish line in order for the Crews to safely come to rest. At least 100 meters shall be available for such runoff, unless there is an alternate means of providing for safety, such as conspicuous warning markings or marshals' boats. The length of individual Races may occur over shorter distances (e.g. 500 meter dash) as long as the safety provisions are met.

f) Width

The Course shall be wide enough to accommodate at least three lanes up to a maximum of eight lanes used for racing. If the Albano or other similar buoy system is used, each lane shall be no less than 12.5 meters and no more than 15 meters wide, with 13.5 meters preferred. If such a buoy system is not used, each lane shall be no less than 15 meters and no more than 20 meters wide, with 15 meters preferred. There should be at least 5 meters of clear water beyond both of the outside lanes, although a wider space is preferred. Additionally, a travel lane should be available that allows Crews to travel to the start line, and return from the finish line, without interfering with the racing lanes.

g) Certification

USRowing may render a determination on whether the natural environment existing at a Course site generally renders the site sufficiently safe and fair to hold a Registered Regatta. The fact that such certification is granted shall not be construed as a representation or guarantee that safe and fair conditions will actually exist, nor shall it limit the authority of Race Officials to make determinations on whether safe and fair conditions actually exist at the time the Regatta takes place.

In determining whether a Course is generally suitable for a Registered Regatta, USRowing may consider, among other things, the following factors:

- (1) Whether the Course is uniformly sheltered from the wind;
- (2) Whether the Course is free of obstacles lining the shore, such as trees, buildings, or dikes, that would cause unequal wind or water conditions on the Course;
- (3) Whether the Course is free of any current, or whether any current that does exist is slight and equal across the Course;
- (4) Whether the banks of the Course will absorb rather than reflect waves;
- (5) Whether the Course is free of obstructions such as bridge abutments or islands;
- (6) The prevailing climate;
- (7) Whether the technical installations meet the attributes of the specifications.

2) Class "A" Courses

A Class "A" Course is one that complies with the following specifications:

- a) **Body of Water:** The water shall be capable of accommodating the Course, plus any required runoff area, with no bends or turns. Any current shall be less than one meter per minute.

- b) **Lanes:** There shall be a minimum of six lanes, with eight preferred.
- c) **Depth:** The water shall be at least three meters deep throughout the Course.
- d) **Perimeter:** There shall be a distance of at least five meters between the outer perimeter of the Course and the shore, obstacle, or any fixed installation.
- e) **Obstacles:** There shall be no fixed obstructions on the Course, such as bridge abutments or islands.
- f) **Buoys:** A buoy system, such as the Albano buoy system, shall be used, in which the boundaries of each lane are marked with floating buoys every 10 to 12.5 meters; 10 meters is recommended except in the Starting area where it shall be 5 meters. The buoys shall be of supple construction and their horizontal diameter shall not exceed 15 centimeters.
 - (1) The color of buoys shall be the same in all lanes. The colors shall be easily visible in all weather conditions.
 - (2) The first 100 meters of the Course shall be indicated by a different color of buoys to mark the Starting area.
 - (3) At every 250 meters along the Course, a differently colored set of buoys shall be strung across the Course to indicate the distance interval.
 - (4) The last 250 meters of the Course shall be indicated by a different color of buoy to mark the finish area.
 - (5) There shall be no buoys on the start line or the finish line.
- g) **Starting Stations:** Each lane at the start shall be equipped with a starting station, platform, or stakeboat, solidly anchored.
 - (1) The starting station shall be capable of being occupied by at least one person who can hold a Crew stationary or alter the Crew's alignment as required during the starting procedures.
 - (2) The starting station shall be capable of adjustment to accommodate different sized boats, so that all boats can be aligned in accordance with [Rule 2-304 \("Alignment"\)](#).
 - (3) If stakeboats are used, each stakeboat shall be anchored by sufficient weight, or else attached to a fixed installation, to prevent the stakeboat from drifting.
 - (4) Each starting station shall be equipped with a headset or other communication device so that communication is possible between it and the Aligner's Station without being audible to the Crews.
- h) **Steering Marks:** To assist Crews with their steering, the Albano lanes shall be buoyed at 5 meter intervals for the first 100 meters of the Course. These buoys shall be of a different color from those marking the majority of the Course.
- i) **Start Tower:** The start tower shall be firmly fixed between 40 and 50 meters behind the starting line in the center of the Course.
 - (1) The tower shall be equipped with a covered platform for the *starter* which shall be at least 3 meters and at most 6 meters above the water level, depending on the distance from the start line.
 - (2) The tower shall be built in such a way that the *starter* has a clear view over the entire Starting area, including the aligner's station.
 - (3) The tower shall be equipped with either one or two large clocks that are clearly visible from a minimum distance of 100 meters to the Crews on the Course and those Crews waiting to start, or with other equipment which will allow the starter to inform the Crews

- of the time remaining before the start of their Race. In the case of delay or postponement, a revised starting time shall be displayed to competitors on a large board by the *starter*.
- (4) The *starter* shall give his or her instructions and orders by means of a microphone connected to loudspeakers so arranged that they may be heard simultaneously by all Competitors.
- (5) A board and chalk or felt markers shall be provided to enable the *starter* to provide visual information to Crews of any postponement of Races.
- j) **Communications:** The *starter* shall be in direct communication by radio or telephone with the *judge at start*, the *chief judge*, *control commission*, and the Chief Referee.
- k) **Aligner's Station:** This shall be a fixed structure placed exactly on the start line, ideally not less than 15 meters from the first lane and no more than 30 meters. The floor level of the station should be between 1 and 2 meters above the water level. The station should provide weather protection and there should be enough space so that the *judge at start* and the *aligner* can both be seated on the line of the start one behind the other, both clearly observing the start line.
- (1) There shall be radio links between the *aligner* and the start station boat holders and volunteers who shall be provided with earphones.
- (2) The start line shall be the line running between a tautly stretched thin vertical wire (1 mm) in the aligner's station and the vertical line on a fixed marker on the opposite side of the Course. The fixed marker should be divided vertically and painted one half black and the other half luminous yellow, with the black half in the direction of the finish. The vertical line shall be the line where the two colors meet. Alternatively, the aligner's station may be equipped with two vertical wires which, when aligned with each other, indicate the exact starting line.
- (3) The aligner's station must carry a second thin wire (1 mm) fixed vertically and along the line of the start (80 to 100 cm apart) at the front of the station and kept in tension. The second wire should be removable and used for aligning the video camera of the *judge at start* if present.
- The aligner's station shall be equipped with videotape equipment that shows and records the starting line wire, the bows of the boats, and the *starter's* verbal or visual commands simultaneously.
- l) **Repair Facilities:** In the vicinity of the starting line there shall be a facility equipped with tools and available spare parts with which to make simple repairs on boats.
- m) **Distance Markers:** The starting line shall be designated as 0 meters and the finish line as 2000 meters. At each interval of 250 meters between the start and finish, the distance from the starting line shall be marked either on clearly visible boards on shore at least 2 meters by 1 meter in size, or else by floating cubes on the water at least 1 cubic meter in size.
- n) **Intermediate Times:** A station and necessary equipment shall be provided at every 500 meters so that intermediate times may be recorded and transmitted to the finish line. Each station shall be capable of accommodating two persons, one to record intermediate times, and the other to record intermediate order of boats.
- o) **Finish Tower:** The finish tower must be erected exactly on the finish line and placed approximately 30 meters from the outside of the racing lanes. It should accommodate the timing, the *judges* at finish and the photo-finish equipment together, with commentary or other operations on another floor or a separate area.

- (1) The finish line shall be the line running between a tautly stretched thin (1 mm) vertical wire immediately in front of the *judges* at the finish and the vertical line on a fixed marker on the far side of the Course. The fixed marker shall be divided vertically and painted one half black and the other half luminous yellow, with the yellow half in the direction of the start – the vertical line shall be the line where the two colors meet. Alternatively two vertical wires (80 to 100 cm apart) immediately in front of the *judges* at the finish may be used.
 - (2) The finish line shall be marked on the water by two red flags placed on white buoys at least 5 meters outside the Course on each side. If necessary, the two red flags (or one of them) may be placed on the bank. It is essential that these flags be exactly on the finish line and that they do not impede the view of the *judges* at the finish or the progress of Crews going to the start.
 - (3) The finish tower must be equipped with a loud horn or other noise maker to signal to each Crew that it has crossed the finish line.
 - (4) The finish tower shall be isolated from intrusion or distraction by spectators or Team members.
 - (5) The finish tower shall have a photofinish camera, designed for use in judging the order of finish in sporting events, firmly mounted and positioned directly on the finish line. To review images, *judges* should not have to remove the camera from its fixed position on the finish line.
- p) **Launching Area:** Launching docks capable of accommodating at least three 8+ boats simultaneously shall be provided for the competing Crews. There shall also be facilities to accommodate a Dockmaster and the *control commission*, preferably a tent or other structure equipped with tables and chairs. If the Regatta includes Adaptive and Para Events, the docks must be wheelchair accessible in accordance with the Accessible Routes standard (402) of the Americans with Disabilities Act.
- q) **First Aid:** First-aid facilities shall be provided at the Regatta site capable of dealing with minor injuries, and of providing immediate attention for hypothermia, drowning, dehydration, and heat stroke. The first-aid facility shall have the capability of summoning an ambulance, paramedics, or other emergency assistance that is on call and within 10 minutes travel distance. If such emergency assistance is not located within 10 minutes distance, the LOC shall provide for an ambulance or paramedic to be present at the site. If present at the site, direct communication must be available and a protocol for engaging medical staff established and reviewed by the Regatta Director, Chief Referee, and Medical Personnel. The Chief Referee will communicate the procedures to the other Race Officials.
- r) **Starting Traffic Light Systems:** If the course is equipped with a traffic light starting system, then the start system shall meet the following requirements:
- (1) Each starting station shall be equipped with a traffic light and speaker. The traffic light shall be preferably placed 2.5 meters off the center of the lane on the side nearer the center of the Course and 0.7 to 1.1 meters above the surface of the water. The lights shall be clearly visible to the Crew on that starting station, including the bow person in an eight even in conditions of bright sunlight.
 - (2) Separate lights must be positioned so that the lights can be viewed by the *starter*, *judge at start*, and *referee* following the Race.

- (3) The lights shall have the following states:
 - Neutral black (no lights or sound),
 - Red light, no sound,
 - Green light accompanied by an audible tone given at the same time.
- (4) The system shall be able to go directly from red to neutral, if required.
- (5) The *starter* shall start the race by pressing just one button that will simultaneously control the green light, the sound signal, start the timing system, and freeze the frame on a video monitor of the alignment.

3) Class “B” Course

A Class “B” Course shall comply with all the requirements of a Class “A” Course, with the following exceptions:

- a) **Body of Water:** Any current shall be less than six meters per minute.
- b) **Lanes:** There shall be a minimum of four lanes.
- c) **Depth:** The depth shall be sufficient to ensure safe racing.
- d) **Perimeter:** Any fixed installation or obstacle that encroaches nearer than five meters from the outer edge of the Course shall, if not conspicuous, be marked with warning buoys or other device to indicate their presence.
- e) **Obstacles:** Any fixed obstructions such as bridge abutments or islands shall not obstruct the proper path of a Crew in a Race and shall not create a hazard or unfair condition. If such obstacles are not conspicuous, they shall be clearly marked with warning buoys or other device to indicate their presence.
- f) **Buoys:** The Albano or other buoy system need not be used. There shall be buoys or overhead lane markers every 250 meters to mark the boundaries of each lane.
 - (1) The 100-meter mark of the Course shall be indicated by two buoys at each side of the Course to mark the Starting area.
- g) **Starting Stations:** The starting stations, platforms, or stakeboats need not be adjustable. The *judge at start* may communicate with the starting station attendants by audible megaphone.
- h) **Start Tower:** The start tower may consist of an anchored boat, so long as the *starter* and the Crews are still visible to each other.
- i) **Aligner’s Station:** If a split-screen videotape device is not available, the aligner’s station shall be in direct communication with the *starter* by radio or other electronic medium, so that the *judge at start* can hear the starting commands without delay caused by through-the-air transmission.
- j) **Repair Facilities:** The repair facilities may consist of simple tools kept in the *referee’s* launch or the start tower.
- k) **Distance Markers:** The distance markers at each 500 meters may consist of simple stripes painted on the shore, as long as they are clearly visible to the Crews.
- l) **Intermediate Times:** The facility for intermediate times is not required.
- m) **Finish Tower:** The finish tower may be equipped with ordinary videotape recorder equipment firmly mounted and positioned directly on the finish line. To review images, *judges* should not have to remove the camera from its fixed position on the finish line.

4) Class “C” Course

A Class “C” Course is one that does not meet the requirements of a Class “A” Course or a Class “B” Course, but nevertheless meets the minimum requirements described in the Sprint Courses section above. If the Course has not previously been certified by USRowing, the LOC shall provide a complete description of the course configuration, installations, and facilities, and shall represent to USRowing that the Course is adequate to promote safety and fairness in its application to USRowing for Regatta registration.

5) Head Race Courses

a) Overview

Head Races shall be conducted on a Course that is wide enough for a racing Crew to navigate safely, for an overtaking Crew to pass another Crew, and for non-racing Crews to travel to and from a launching area without impeding Crews involved in a race.

b) Turns

Turns or changes in the direction of the Race Course shall be limited to those that can be negotiated at a normal racing pace with normal steering using a rudder and differential oar pressure. Turns on the Course shall be conspicuously marked with buoys.

c) Starting Area

The Starting Area shall have ample room above the start line, so that all Crews in an Event can be marshalled without interfering with the starting chute and starting line. The starting line installation shall be marked with buoys on both sides formatting a chute to guide the Crews into the start, and extending at least 50 meters above the starting line.

d) Finish Area

The area beyond the finish line shall have ample room to allow Crews that have finished a Race to row away from the finish line without interfering with Crews still racing. The finish line shall be conspicuously marked.

e) First Aid

The LOC shall provide for first-aid facilities at the Regatta site capable of dealing with minor injuries and of providing immediate attention for hypothermia, drowning, dehydration, and heat stroke. The first-aid facility shall have the capability of summoning an ambulance, paramedics, or other emergency assistance that is on call within 10 minutes travel distance. If such emergency assistance is not located within 10 minutes distance, the LOC shall provide for an ambulance or paramedic to be present at the site. If present at the site, direct communication must be available and a protocol for engaging medical staff established and reviewed by the Regatta Director, Chief Referee, and Medical Personnel. The Chief Referee will communicate the procedures to the other Race Officials.

f) Communication

The LOC shall provide for direct and instantaneous communication, such as radio or telephone, between the starting line, finish line, and any monitors stationed along the Course.

g) Course Markings

Hazardous areas, such as shallows, underwater obstructions, narrow passes, side channels, and areas where water traffic crosses the Course, shall be conspicuously marked with buoys or other markers that are visible from both directions on the Course.