

SCCA®

ProSolo® National Series Rules

2017 Edition

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FOREWORD

Effective January 1, 2017, previous editions of the SCCA® ProSolo® National Rules are superseded by the following SCCA® ProSolo® National Series Rules. SCCA® reserves the right to revise these rules, to issue supplements to them, and publish special rules at any time at its sole discretion. Changes of this nature will normally become effective upon publication on the official SCCA® website (www.scca.com), but may become effective immediately in emergency situations as determined by SCCA®. Questions concerning rules clarifications should be addressed to:

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Finality of interpretation and application: The interpretation and application of the SCCA® ProSolo® National Series Rules by SCCA® ProSolo® Officials shall be final and binding. To promote the sport of automotive competition, to achieve prompt finality in competition results, and in consideration of the numerous benefits to them, all participants, including competitors and officials, expressly agree that:

1. They are familiar with the 2017 SCCA® National Solo® Rules and the 2017 SCCA® ProSolo® National Series Rules and agree to abide by them;
2. Determinations by SCCA® Officials are non-litigable;
3. They will not initiate or maintain litigation of any kind against SCCA® or anyone acting in behalf of SCCA® to reverse or modify such determinations, or to seek to recover damages or other relief allegedly incurred or required as a result of such determination;
4. If a participant initiates or maintains litigation in violation of this provision, that participant agrees to reimburse SCCA® for all costs of such litigation, including travel expenses and attorneys' fees.

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INSURANCE OR INCIDENT EMERGENCIES:

John Beam, 704-962-0252

20.0 – PROSOLO® NATIONAL SERIES RULES

These rules serve as an addendum to the 2017 SCCA® National Solo® Rules, Section 20 ProSolo® National Series Rules.

20.1 – PROSOLO® EVENTS

ProSolo® National Series events are conducted under the 2017 SCCA® National Solo® Rules, except as amended by these ProSolo® National Series Rules, the National Supplementary Regulations, ProSolo® Event Supplemental Regulations, and any supplementary rules posted at an event by ProSolo® Officials.

20.2 – OVERVIEW

- A. The ProSolo® format features Solo® courses with a “drag race”-type start utilizing a light or “Christmas Tree” to signal the start. The event format features mirror-image Solo® courses with class finishing position determined by adding the best time from each course. Following the class competition are the Challenge competitions featuring the top finishers to determine the Top Eliminators of the event in various categories (open, ladies, etc.). These Challenge competitions use single elimination rounds utilizing handicapped starts or time bonuses to equalize different classes of vehicles.
- B. The ProSolo® National Series program provides a competition opportunity for all National Solo® classes, as well as selected prototype classes for broad based access to ProSolo® for SCCA® members. See Section 20.8 for details.

20.3 – PROGRAM OBJECTIVES AND STRATEGIES

- A. Primary Objective
The primary objective of the ProSolo® National Series program is to develop and sustain a marketable and commercially viable National Solo® program using unique formats that feature a “drag race”-type start.
- B. Core Strategies
 - 1. Provide participation opportunities for multiple levels of driver/team experience and commitment (recreational, club, pro).
 - 2. Insure effective, efficient, and enjoyable event operations for all participants.
 - 3. Pursue aggressive program marketing to build awareness and acceptance within the autocross community, the auto enthusiast marketplace, and the motorsports industry.

20.4 – OPERATIONAL AUTHORITY AND PROGRAM OFFICIALS

Final overall authority for the ProSolo® National Series program shall reside with the SCCA® National Office Solo® Department. The SCCA® Senior Director of Rally/Solo will generally serve as the authoritative agent of the National Office and as the primary operational ProSolo® Official. The Senior Director of Rally/Solo may designate another ProSolo® official to be the primary operational authority as needed. The Senior Director of Rally/Solo will name the ProSolo® Officials Team consisting of the National Solo Operations Manager, Equipment Manager, Chief Steward, Chief of Timing and Scoring, and Chief of Compliance. Additional positions may be created as needed.

20.5 – RULES INTERPRETATION

In the event of doubt or ambiguity as to the wording and/or intent of the operating rules for the ProSolo® National Series events, the decisions of ProSolo® Officials shall prevail and be binding. SCCA® ProSolo® Officials reserve the right to revise these rules, to issue supplements to them at any time, and to promulgate special rules in an emergency.

20.6 – DRIVER ELIGIBILITY

Entry into a ProSolo® National Series event is limited to SCCA® members meeting the requirements of Section 4 (Drivers) and/or Appendix H (Junior Driver Program) of the 2017 SCCA®

National Solo® Rules. A “Weekend Membership” is allowed at all *ProSolo®* Series events except for the Championship Finale event which requires an annual membership.

20.7 – DRIVER CONDUCT

Drivers must present and conduct themselves in a professional manner. All competitors and event officials must be fully clothed. Drivers judged not professional in conduct and/or appearance may not be allowed to compete. Any entrant who drives in an unsafe manner at or near the event location or displays unsportsmanlike conduct is subject to the range of penalties described in these rules in Section 20.10.P. Competitors making inappropriate (malicious, libelous, blatantly untrue) comments, gestures, etc. regarding and/or towards SCCA®, SCCA® staff, SCCA® field staff, SCCA® programs, or other competitors in any form of discussion (including internet forums) will be subject to possible disciplinary action. These are not items that can be protested. Judgment rests solely with ProSolo® Officials and their decision is final.

20.8 – VEHICLE CLASSES AND PREPARATION

A. *ProSolo®* National Series Classes

1. All the following current SCCA® National Solo® open classes:
 - a. Street Category (9 classes: SS, AS, BS, CS, DS, ES, FS, GS, HS)
 - b. Street-R Category (1 class: SSR)
 - c. Street Touring® Category (5 classes: STU, STR, STX, STS, STF)
 - d. Street Prepared Category (7 classes: SSP, ASP, BSP, CSP, DSP, ESP, FSP)
 - e. Street Modified Category (3 classes: SSM, SM, SMF)
 - f. Kart Category (1 class: KM)
2. The following supplemental classes:
 - a. Formula Junior Category (2 classes: JA, JB)
 - b. Street Touring Pony Car (STP).
3. A non-championship Masters Class will be offered for drivers 62 and over. These drivers will run with their traditional class and will be scored by the ProSolo® Index for their Masters Ranking at each event. While there will be an appropriate Masters Class “Get Off My Lawn” Trophy, the purpose of this class offering is more about fun than hardcore competition.
4. ProSolo® Index Classes (for classes not listed above in 20.8.A.1.). See Appendix A for the 2017 ProSolo® Index (PSI).
 - a. Ladies Index Classes

L1	Street-R, Street Prepared, Street Modified, Prepared, Modified, and Kart classes
L2	Street classes
L3	Street Touring® classes

b. Race Index Classes

R1	Modified classes
R2	Prepared classes

c. CAM Index Class

CAM	CAM-T, CAM-C, and CAM-S classes
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B. Preparation

1. Vehicles must be prepared to the 2017 SCCA® National Solo® Rules for their respective class or the published rules for any supplemental class. EXCEPTION: Street, Street-R, and Street Touring® category cars are allowed additional and/or alternate radiator cooling fans and/or fan controls. This allowance must not serve any other purpose.
2. All vehicles must be neat and clean (inside and out) or they may not be allowed to compete.

C. Minimum Class Size

1. The minimum class size is five (5) drivers entered in that event. NOTE: A maximum of two (2) drivers may be entered in a single vehicle in a class.
2. If any Open Class does not have the minimum of five (5) drivers entered and checked in by the close of registration on the evening before class competition, they will be bumped into a Bump Index Class for Super Challenge eligibility. If five (5) entered and checked in drivers do not make a start in class competition, the class will not be bumped and the class will not

be eligible for the Super Challenge. There will be one Bump Class for the classes running in each Work Shift. For example, Bump Index Class B would be for the classes in Groups 3 and 4 that run during Work Shift B; if any of those classes are under subscribed (less than five drivers) they would be placed in Bump Index Class B. If that does not result in a fully subscribed Bump Class, those drivers would be merged into another Bump Class that has the least impact on event operations. Series class points will be awarded in the originally entered class based on their performance against other drivers in that class. Bump Index class drivers MAY not be eligible for contingency payment, as this is not always a recognized class by providers. If there are less than five (5) entrants in the Open Bump Class after all the merging of Bump Classes, those drivers will not be eligible for the Super Challenge.

3. Following the procedures and conditions of Section 20.8.C.2 above, if L1, L2, or L3 do not have five (5) drivers, they will be bumped to a Ladies class in the following manner: L2 to L3, L3 to L1, and L1 to L3. If the bumping of these classes (L1, L2, and L3) does not produce a single Ladies class of minimum size (5), the Ladies Challenge will not be run and the Challenge points will be assigned based on qualifying position.
4. Entries designed only to create a full class, will be accepted at the discretion of ProSolo® Officials. If such an entry creates a class without any premise of true competition, will not be accepted. Examples of unacceptable entries would include, but are not limited to, a rental car entry in the Race Tire Index classes or a tow vehicle in any category. Competitors are reminded that the minimum class size of five (5) was established to better ensure real competition and valid dial-in times for the Challenges.

D. Vehicle Entry and Changes

1. A vehicle may be entered in no more than a total of two (2) classes, including Ladies classes, and any special event-specific classes (marque class, etc.).
2. If the vehicle is entered in two (2) classes, it must be noted on the entry form so officials may devise the run order accordingly.
3. Drivers may NOT change class after the close of registration check-in on Friday evening.
4. Drivers can change to another car in their class during an event; however, they may NOT return to their original car after switching.
5. Once a driver in an index class makes their first run, that driver may only change to another car eligible for the same index class (L1, R2, etc.) for subsequent heats and not during a heat. If the index factor changes, all previous runs will be disqualified. Additionally, they may not return to the original car after switching.
6. Any vehicle changes made after the close of registration check-in must be done in writing using the appropriate ProSolo® form and approved by the Chief Steward.

20.9 – VEHICLE IDENTIFICATION AND PROGRAM SYMBOLS

- A. Car numbers and class designation must meet the standards of Section 3.7, Vehicle Identification, of the 2017 SCCA® National Solo® Rules. However, ProSolo® class designations must be used. Temporary class designations will be available free of charge at the driver's first ProSolo® event of the season. Subsequent need for these temporary class designations will require the payment of a fine of \$10.
- B. Car numbers and class designations must be neat and legible while on course as determined by ProSolo® Timing and Scoring Officials.
- C. Incorrect or illegible car numbers and/or class designations and more than one (1) car number and/or class designation visible on the car at the line can result in a DSQ for that run.
- D. **REQUIRED PROGRAM DECALS:** The Tire Rack® upper windshield decal, the rectangular SCCA® front decal, the two (2) The Tire Rack® SCCA® ProSolo® side decals, the event sponsor decals (if applicable), and the class sponsor decals (if applicable) must be prominently and correctly displayed on each car as specified by ProSolo® Officials and these rules. All required program decals are available at each ProSolo® National Series event. **NOTE: The Tire Rack® windshield decal (30" x 3.5") is to be the only decal (excluding tech stickers) to be placed at the top of a typical "full-size" windshield and will be the only sponsor visible on the windshield.** Cars without typical "full-size" windshields and karts will need approval of ProSolo® Officials for an alternative location.

- E. Competitors must also display any required contingency program decals for which they are eligible and are responsible for understanding and fulfilling the requirements for that contingency program as posted on the SCCA® web site.**

20.10 – EVENT OPERATION

A. Entry and Registration

1. Event entries will be limited due to site restrictions and other factors. Entry limits will be posted on www.scca.com.
2. In keeping with Section 20.3, Program Objectives and Strategies, the ProSolo® National Series Championship Finale event is primarily focused on determining Series champions and standings from those competitors that have been involved in the Series throughout the season and/or have achieved certain levels of achievement. In order to accomplish this goal, the Finale will have staggered dates for the opening of Registration based on a combination of the level of Series accomplishment and participation during the season (details below).
3. For a driver to enter the 2017 ProSolo® Series Championship Finale event they must have scored points in the class entered at a **minimum of two (2)** 2017 ProSolo® National Series events, with entry preference based on the following schedule and criteria:
 - a. Tier 1 registration opens on **August 9, Wednesday** at 3:00 PM Central for drivers with 32 or more points in the class entered for the Finale
 - b. Tier 2 registration opens on **August 16, Wednesday** at 3:00 PM Central for drivers who have 25 points in class or have scored points in three (3) or more events in the Finale class entered.
 - c. Tier 3 registration opens on **August 23, Wednesday** at 3:00 PM Central for drivers that have scored points in 2 or more events in the Finale class entered.
 - d. The Finale will have an entry cap of 300 entrants, *excluding* Formula Junior. Any registrations that are received after the cap has been reached and before the entry deadline of August 27, Thursday, will be placed on a tiered waiting list in the order received within each Tier described above. Entrants on the wait list will be moved to the entry list as vacancies occur until the close of registration on September 4, Friday night at the Finale.
 - e. The deadline for withdrawal from the Finale with entry fee refunded is August 28, Monday.

B. Tech (Safety Inspection)

1. Vehicles will be safety inspected (“teched”) at their first (1st) event of the season. The vehicle may be inspected at any time as deemed necessary by the Chief of Compliance and/or the Chief Steward. All vehicles will be inspected at the ProSolo® Finale event, even if they have an Annual Inspection (below).
2. Drivers who intend to enter more than one (1) ProSolo® event during the season may request a ProSolo® Annual Inspection. The Chief of Compliance will grant this request if in his/her judgment the driver has enough experience to maintain a safe vehicle throughout the season. If there are questions about the driver’s experience, the request may be granted at the driver’s second (2nd) ProSolo® event of the year for subsequent events. Drivers who are granted an annual tech for a specific vehicle will be issued an Annual Tech Decal that can be shown at Registration or Tech to receive an event tech sticker to be properly placed on the vehicle windshield (left side). The Chief of Compliance or Chief Steward will record any rules, infractions, safety concerns, or other pertinent vehicle information in a master logbook.

C. Run Order

1. Each event is subdivided into three (3) Heats, plus the Challenge competitions.

Heat 1	Saturday morning	Sat AM
Heat 2	Saturday afternoon	Sat PM
Heat 3	Sunday morning	Sun AM
Challenges	Sunday afternoon	Sun PM

2. Each driver will be offered four (4) runs (two [2] on each course) during each Heat (Sat AM, Sat PM, and Sun AM) at the assigned time. Due to time restrictions, bad weather, or other unanticipated factors, the number of runs or Heats may be changed.
3. The run order is generally in ascending order (HS to R1); however, ProSolo® reserves the right to change this in order to balance Heats and work groups. Specific order will be listed in the Event Supplemental Regulations.
4. Groupings: All classes will be divided into eight (8) Groups for the purpose of segmenting the event into running and working assignment times, unless lower than anticipated attendance requires using a lower number of groups for efficient event operations. While the exact groupings will vary to a minor degree from event to event in order to balance the size of the groups, the following is representative of typical groups. **Actual groups for each event will be designated in the Event Supplemental Regulations.**

EXAMPLE:

Group 1	L1, L2, L3, HS, GS, ES
Group 2	FS, DS, CS, BS, AS, SS, CAM
Group 3	STF, STS, STX,
Group 4	STP, STR, STU
Group 5	FSP, DSP, CSP, BSP
Group 6	CAM, SSR, ESP, ASP
Group 7	SSP, SMF, SM, SSM
Group 8	KM, R1, R2, JA, JB

5. **Final group assignments will be listed on the Event Supplemental Regulations and/or as a posted Driver's Notice.**

D. Work Order

1. Entrants are required to work one (1) Shift in each Heat, plus the Challenge, if necessary. Host Region/Club members are required to work their event assignment AND the Challenges, except while they may be competing in a Challenge. Verification of working will be the responsibility of the Chief of Workers. Failure to report to the Chief of Workers for your work assignment will result in a penalty which could include, but is not limited to, loss of timed runs, event disqualification (DSQ), fines, and/or membership suspension. If circumstances will prevent the entrant from working at an assigned time, report to the Chief of Workers for a possible alternate assignment.
2. Any changes to the driver's work assignment must be made with the Chief of Workers.
3. Entrants will be generally assigned to one of four Work Shifts as in the sample below unless circumstances requires them to work at another time:

Work Shift A	Groups 1 and 2 Running
Work Shift B	Groups 3 and 4 Running
Work Shift C	Groups 5 and 6 Running
Work Shift D	Groups 7 and 8 Running

E. Grid position

The Grid positions will be as follows:

Heat 1 (Sat AM)	Numerical order in class
Heat 2 (Sat PM)	Finishing order after Sat AM
Heat 3 (Sun AM)	Finishing order after Sat PM

F. Two-Driver Teams

The following are rules for a two-driver team sharing the same car in the same class.

1. Car numbers for the second (2nd) driver must be 100 plus the first (1st) driver's number (i.e., 99 and 199).
2. The first (1st) driver will grid and run in their normal Heat and order.
3. The second (2nd) driver will grid in the Second Driver Grid adjacent to the regular Grid, after the first (1st) driver has completed all of their runs for that Heat. The second (2nd) driver will be held a minimum of three (3) minutes in Grid before being directed to the stage lanes.
4. The first (1st) driver designation for the team is determined as follows:

Heat 1 (Sat AM)	Lowest car number
Heats 2 (Sat PM) and 3 (Sun AM)	Best class standing between team members

G. Typical Competitor Run Summary

1. Check posted Grid sheets for Grid position before each Heat.
2. Proceed to assigned Grid space (matched with the same person during entire Heat).
3. Proceed from Grid to the Stage/Start area when signaled by Grid Official.
4. After the first (1st) run, crossover to the opposite course. After the second (2nd) run, cross over to the opposite course. After the third (3rd) run, cross over to the opposite course. After the fourth (4th) and final run, proceed to Impound.
5. If part of a two-driver team (same class), the first (1st) driver proceeds to the "Second Driver" Grid Lanes after all their runs for that Heat. If the driver is going past Impound, two (2) fingers will signal Impound you are heading to the Second Driver Grid. The car will go to Impound after the second (2nd) driver completes all their runs.
6. If a vehicle is used in both an Open and Ladies class that run in adjoining Groups, the first driver should notify Impound of the situation BEFORE proceeding to Grid for the second driver. The vehicle will then be impounded after the second (2nd) driver's runs for that Heat.

H. Grid and Staging

1. Drivers must check the posted grid sheets for their grid assignment for that particular segment. This grid assignment pairs the driver with another driver for that segment. Cars and drivers of non-impounded vehicles (except 2nd drivers of two-driver teams as described above) must report to Grid immediately after the previous Group clears their assigned Grid (impounded vehicles will report immediately after being released from Impound by the Chief of Compliance or designate). In Grid, you will be parked next to the car you will run against for the entire Heat (your Heat "partner").
2. Group 1 drivers must be in their grid position no later than 5 minutes prior to the scheduled start time for Heats 1 and 3 (announced start time for Heat 2 *or the end of the "lunch break"*) or they will be penalized the loss of one (1) run on each side.
3. Groups 2 and above drivers must have their cars in their Grid positions prior to that Grid line being activated, which is defined as the drivers at the beginning of that Grid line being directed to the Stage Lines. Any driver attempting to put their car in Grid after that Grid has been activated will be penalized with the loss of at least one (1) run on each course for that Heat.
4. The Chief Steward may issue an alternate penalty for being late to Grid if they judge that there were rare and extenuating circumstances beyond the control of the competitor. Competitors are warned to not abuse this potential allowance; a broken car is NOT an extenuating circumstance (covered under number 15 below).
5. All four (4) runs will be taken in sequence – drivers will not return to the Grid after being directed to the Stage Lane. **Due to site limitations, variations in the Grid operations may be necessary. If that is the case, those variations will be included in the Event Supplemental Regulations and/or posted as an Official Driver Notice prior to the first runs.**

6. Each Heat has a unique Grid order based on car number for Heat 1 (Sat AM) and class standing for the following Heats (Section 20.10.E).
7. Once a Group has been checked into Grid, portions of that group will be directed to the Stage Lanes by the Grid Official.
8. Each of the Grid lanes will consist of two (2) lines – one (1) line for odd-numbered grid position cars and a second (2nd) line for even-numbered grid position cars. In addition, there will be another pair of lanes for the Second (2nd) Driver Grid. It is the driver's responsibility to stay paired up during runs with the driver they were paired with in Grid. Failure to do so may result in loss of run(s).
9. If there are an odd number of cars in a class, the unpaired car may either run solo or may be matched against a rerun car, a media car, a demonstration run, or a car from another class.
10. When directed to the Stage Lanes, the even-numbered line will proceed to the right course stage line and the odd numbered line will proceed to the left course stage line. Drivers must proceed on a direct path from the Grid Area to the Stage Lanes. See #15 below.
11. While the cars are in the Grid (NOT the Stage Lanes), any adjustments may be made. This includes tire pressures, tire cleaning, cooling, suspension settings, refueling, etc. If vehicles are being refueled in the Grid Area, the engine must be OFF and a fire extinguisher present. Any spillage of fuel may result in a DNF (Did Not Finish) for some or all of any remaining runs in that Heat at the sole discretion of the Chief Steward.
12. While cars are in the Stage Lanes (NOT the Start Area), limited adjustments may be made. This includes tire pressures, shock setting, open hood for cooling, etc., but does not include tire cleaning, cooling with a water bottle, or any other adjustments/functions that could leave an after-product for succeeding cars. Making such adjustments must not delay the event operations, cause vehicles to not be paired properly, and/or prevent the line from moving forward. If this occurs, it may result in a DNF for that run.
13. The Start Area will be defined by green cones and is approximately the last fifty (50) feet of the Stage Lane prior to the staging lights. When a vehicle enters the Start Area (green cone zone) to the point that the driver is past the first green cone AND the previous car has passed the "Christmas Tree," tires may be warmed up by spinning the tires (burnout). Tire warm-up must be discontinued and vehicle stopped before reaching the stage lights. The Shot clock will not be delayed for tire warm-ups.
14. Staging assistance will not be allowed except for open-wheeled cars since they either do not have reverse or it is exceedingly difficult to engage. Staging assistance may be granted to closed-wheeled cars due to legitimate mechanical problems at the discretion of the Chief Steward. For cars allowed assistance, the following rules apply:
 - a. Chocking of tires will not be allowed unless approved by the Chief Steward, including the method of and material for chocking. The assistant must stand on the outside of the stage lane.
 - b. When the shot clock horn sounds, the assistant must immediately step completely away from the car. If a manual start is being used, the assistant must back away at the time the driver replies he is ready. Failure to do so or touching the car again will result in a DNF for that run. This is at the judgment of the Starter or ProSolo® Officials and may not be protested.
15. TIME-OUT: It is the competitor's responsibility to notify the Grid Official of the need to take a "time-out" delay. The reason for the time-out is at the competitor's option (mechanical, emotional, psychological, astrological, etc.). A competitor is allowed a single **six (6) minute time-out** per Heat in Class competition and a single **two (2) minute time-out** during Challenge competition. A "time-out" can be called up to within 30 seconds after the time the competitor is directed to the Stage Lanes by the Grid Official. If a competitor has mechanical or other problems after 30 seconds of being directed to the Stage Lanes, they will forfeit any remaining runs. Grid Officials MAY allow this driver to make their remaining runs at a time least disruptive to the operation of the event, but these runs will be officially scored as a DNF. Drivers are strongly cautioned to not push the bounds of this allowance, as this may result in forfeiting runs in the next Heat.

16. Tire temperature control devices (passive and/or active) are not allowed in Pre-Grid, Grid, or Stage Lanes. This includes, but is not limited to, blankets or shades. However, water bottle sprayers are allowed in the Pre-Grid and Grid for cooling.

I. Start Procedure

1. Additional instructions and coaching on the start procedures will be available at each ProSolo® National Series event at the Novice meeting on Friday night or through the Evolution Performance Driving School “Hole Shot” program on Friday afternoon (advance registration required).
2. There are three trip light beams at the Start Line, each approximately 9” off the ground: the Pre-Stage beam, the Stage beam, and the Guard beam. The Pre-Stage and Stage beams are 7” apart. The Guard beam is 17” from the Stage beam.
3. The Pre-Stage light is the top white light on the “Christmas Tree” and is activated by breaking the Pre-Stage beam. The Pre-Stage light is strictly advisory for the driver and does not need to be on when the tree is activated.
4. The Stage light is the second white light on the tree and is activated by breaking the Stage beam. The Stage light must be on when the tree is activated AND must remain on (Stage beam broken) until the tree’s green light comes on. The Stage light will go off if the Stage light beam is reconnected (not staged) OR if the Guard beam is broken (deep stage) before the tree is activated. **WARNING:** the Stage light is an LED and can go off and on faster than the human eye can often detect, so it is wise to have the beam solidly broken with no car movement while waiting for the green light on the tree to come on.
5. The red light is the bottom light on the tree and can be activated in several ways during staging and starting. When this happens the run will be scored as a DNF by a red light (RL)
 - a. After the tree is activated, if the Stage light beam is reconnected before the tree reaches the green light during countdown, the red light will appear. This includes the car lifting out of the Stage beam upon accelerating from the start line. If this is happening, the driver is encouraged to add a “flapper” (see below).
 - b. In the case of a bye run where only one car is staged, the opposite lane where no car is staged will go immediately to a red light when the tree is activated.
 - c. If the car breaks the Guard Beam before the tree reaches the green light during countdown, the red light will appear. Additionally, a reaction time (RT) of less than .500 will be displayed. (see below).
 - d. If the driver does not leave the one and break the Guard beam in less than two seconds after the tree reaches green during countdown, the red light will appear. (see below).
6. A “Shot Clock” Start system is used to determine spacing between starts. As the previous cars leave the Start Line, the Start (Shot) Clock will be reset and activated to count down at one (1) second intervals from 15 seconds to zero (0). Two (2) to five (5) seconds after the shot clock reaches zero (0), the “Christmas Tree” will be activated at the sole judgment of the starter and/or the Chief Steward. If the car is not in the Stage Lights at the time the Tree is activated, that run will be scored a DNF (Did Not Finish). This is at the judgment of the Starter or ProSolo® Officials and may not be protested. The drivers will NOT be asked if they are ready. **It is the driver’s responsibility to be ready to run when they are in the Start Area.**
7. **If a driver pulls into an empty Stage Lane and the Start Clock has already started to count down, the driver has the option of waiting for the next Start Clock countdown or staging immediately. However, if the driver is staged when the Start Clock reaches zero OR the Starter initiates a manual start by asking either driver if they are ready, the driver must start when the “Christmas Tree” is activated or that run will be scored a DNF.**
8. **MANUAL STARTS:** If a situation (course, timing, weather, equipment, etc.) interrupts the countdown of the Start Clock, the Starter may either reset the Start Clock beginning another countdown or a manual start procedure can be used when the situation is resolved. If a manual start is used, the starter will ask each driver to give a definite response as to their readiness. After each driver gives the starter a noticeably visible positive response, the “Tree” will be activated in two (2) to five (5) seconds. If the second (2nd) driver delays in giving a positive response, the Starter may ask the first driver again if they are still ready. This is strictly a courtesy

on the part of the starter and is not required. **Drivers are responsible for acknowledging their readiness in an easily recognizable manner AND excessive delays in responding (at the judgment of ProSolo® Officials) will be subject to penalty.**

9. "FLAPPER" RULE: All vehicles may add devices (flappers) to break the Pre-Stage beam, the Stage beam, and the Guard beam (starting line trips). These devices are subject to review by the Chief Steward and ProSolo Tech Officials to insure they serve only this purpose. The intent of this rule is to have every vehicle stage in such a manner that the same component that breaks the Stage beam would also break the Guard beam (red light beam) under normal acceleration during competition.
 10. A car will commence its run when the Green "Start" Light goes on. The Green Light starts the timer. The timer will stop when the car breaks the light beam to the photo cell at the finish line.
 11. Starting before the Green Light and breaking the Red Light beam will activate (turn on) the Red "Foul" Light and the run will be disqualified and scored as a DNF, designated as RL (Red Light) on results. Reaction Time (RT) is defined as the time between the last yellow light and the car breaking the red light beam. A Red Light (RL) occurs with an RT under 0.500 seconds. **A Perfect RT is 0.500 seconds.** The elapsed time (ET) displayed for a RL run does include RT.
 12. If a driver delays their start for more than two (2) seconds, the tree will show the Red Light and that run will be scored as a DNF by Red Light (RL). When this occurs, the starter will hold the next pair of drivers until the runs on both sides are complete in order to clear the system. Due to this delay in the event, if a driver has this type of RL more than once, they are subject to a discussion with the Chief Steward and additional penalties.
- J. Timing and Scoring
1. The penalty for a vehicle hitting the timing trip components is a DNF (Did Not Finish) for the driver for that run. This includes the start, 60-foot, and finish trips.
 2. The penalty for a vehicle displacing a pylon completely out of the marked box or knocking it over is two (2) seconds during class and Challenge competitions.
 - a. Only upright pylons (pointer pylons/cones exempt) marked completely around the base are subject to penalty under these rules.
 - b. For a rerun to be granted, the pylon must be displaced enough to warrant a penalty under these rules.
 - c. Additions and exceptions to the course deviation penalties described in the SCCA® National Solo® Rules:
 1. A DNF will be assessed for any uncorrected deviation from the course (missed gate, missed slalom cone(s), etc.).
 2. A DNF will also be assessed for crossing the centerline between the two (2) courses.
 3. A DNF may also be assessed for hitting pylons after the finish line OR for not following the designated course exit path.
 3. In the event of a timing malfunction, a rerun will be granted. A Red Light (RL) and/or DNF overrides any possible timing issues on a particular run, so no reruns will be granted in this situation.
 4. If a driver is granted a rerun by a ProSolo® Official, the driver will stay in the proper running order for the remainder of the Heat. If the rerun is on the opposite side of the last "regular" run, the driver will re-stage at the end of the class. If the rerun is on the same side as the last "regular" run, the driver will make the rerun from the 2nd driver grid at the end of the runs for that Heat. A minimum of three (3) minutes must have elapsed before a competitor may begin a rerun on the course just completed (from the 2nd driver grid). In any case, the driver must get permission from (be told by) a Grid Official prior to making a rerun. Failure to do so may result in forfeiting that run.
 5. If a course deviation (DNF) occurs after or at the finish trip lights, the time for that run can still be used to calculate the dial-in time for Challenge competition. **If the finish trip light beam is broken while the front two wheels of the car are off course, the run will be scored as a DNF. Additionally, if after breaking the finish trip light beam, a driver causes the finish trip light beam to be broken again, stopping the timer for the**

following driver, the time for the first driver will be scored as a DNF and the second (2nd) driver may be granted a rerun.

6. Section 6.7, "Visual or Oral Instructions," in the SCCA® National Solo® Rules does not apply to ProSolo® competition.
 7. Section 6.8, "Order of Running," in the SCCA® National Solo® Rules does not apply to ProSolo® competition.
 8. While it is the intent to run all entrants of each class together without interruption, drivers should expect occasional interruptions for reruns from other classes, second drivers, VIP/media runs, etc. These runs will be integrated into the run order as unobtrusively as possible, but such runs are necessary for administrative efficiency and promotional opportunities.
 9. Class finishing positions will be determined by combining the best corrected time (or corrected index time for Index classes) from each course during the class competition, which will normally consist of two (2) runs per side per Heat.
 10. Official times will be posted following the completion of each class session. Any initial questions about these results should be directed to the Chief of Impound or designate. A protest against Timing and Scoring Officials shall be made within 30 minutes of posting of provisional results for the class, per Section 8.2.2, "Time Limits" in the SCCA® National Solo® Rules. **Announced or displayed times are unofficial.**
 11. Index Classes (L2, CAM, R1, etc.) and the Bump Index Class results will be determined by multiplying the 2017 ProSolo® Index to each competitor's fastest combined/corrected time from each course. However, results will be posted showing times normalized (de-indexed) to the class leader to provide an accurate ranking of drivers for their respective Challenge seeding. The 2017 Index can be found in Appendix A.
- K. IMPOUND: All vehicles in each class will be impounded following the completion of each Heat until released by the Chief of Compliance, his/her designee, or the Chief Steward. ProSolo® Officials reserve the right to inspect any or all cars to verify conformance to the rules. **Drivers should be prepared to show documents of their vehicle specifications and to assist the Compliance Crew in the verification of vehicle compliance with these specifications.** Failure to present the car to Impound immediately upon completion of the runs for the last driver in the car or leaving Impound prior to being dismissed by an Impound worker will result in disqualification of all runs to that point. Street Modified, Prepared, and CAM vehicles will be weighed without driver; Modified and Kart vehicles will be weighed with driver.
- L. Challenge Competition
1. At the conclusion of class competition in Heat 3 (Sun AM), there will be Challenge competitions to determine the Top Eliminators for three categories of competitors:
 - a. Super Challenge – top 32 finishers in open classes.
 - b. Ladies Challenge – top 4 to 16 finishers in the ladies classes (depending on the number of entries):

Number of entries	Number in Ladies Challenge
5 – 17	4
18 – 30	8
Over 30	16
 - c. Bonus Challenge – 8 class competitors (depending on time) selected by a drawing from the participants not eligible for the Super or Ladies Challenges. Bonus Challenge is not run at the Finale.
 - d. Formula Junior drivers (JA and JB) are not eligible for Challenge competitions.
 2. Details on Challenge procedures are in Section M below.
 3. To allow drivers in cars from different classes to compete equitably, the Start Lights are staggered based on the class winner's times. See M.6 below for details.
 4. See the SCCA® website (www.scca.com) for information on possible other challenges dependent on sponsorship.

M. Super Challenge Procedures

1. At the end of the class competition, the first (1st) place finishers in each Open class will be eligible and qualified for the Super Challenge. The first (1st) and top qualifier is defined as the

- class winner with the largest winning margin. There are 32 available slots for this challenge. The appropriate number of eligible drivers will fill the remaining positions based on the closest time differentials to class winners. Qualifying cars from each class will be held in Impound until gridding begins for the Super Challenge or until released by the Chief Steward.
2. Grid position will be determined at the close of class competition using the Challenge Chart from Section 201.13. If for any reason a driver cannot compete in the Super Challenge, the open slot may be filled if the driver notifies the Chief Steward, the Chief of Timing, or the Chief of Compliance within ten (10) minutes of the challenge rankings being announced or posted. If the driver notifies the above officials before the end of class competition the Challenge Chart will be adjusted before being announced or posted. After the rankings are announced or posted, any slots that become available will be filled by the next eligible driver in the rankings and assigned to that specific slot that was vacated. The entire Challenge Chart will not be recalculated.
 3. When pairings are announced, driver and car will immediately report to the designated Challenge Grid to be assembled in running order by a ProSolo® Official.
 4. The second (2nd) driver of a two-driver team in a Challenge has a maximum of four (4) minutes from the time the first (1st) driver returns to the Grid area to get ready to proceed to staging. A minimum of three (3) minutes must separate the runs of the two (2) drivers.
 5. The Start Lights will be programmed to start the car with the higher dial-in factor first. The dial-in for each class is determined by combining the best raw time from each course for the class winning driver and dividing by two (2). The dial-in for Index Classes will be determined in the same manner after factoring for the index. The time for each car begins when the Start Light goes green for the slower car. The Start Light for the faster car will go green at a later time based on the handicap dial-in. The faster car must remain staged (Stage light on) from the time the tree is activated for the slower car until the tree reaches green for the faster car. If the faster car rolls out of the stage light or breaks the Guard beam before the tree reaches the green light for that lane, it will result in an automatic red light.
 6. If during the Super Challenge, a driver's combined raw time, minus any handicap, is lower than the class combined dial-in time, the dial-in time will be readjusted in the next round. The improvements in combined time will be multiplied by 1.5 and then applied to the dial-in time for each side for the next round.
 - a. In the event of a timing equipment malfunction during the running of the ProSolo® Challenge competitions, both cars will rerun the un-scored portion of the round.
 - b. Competitors will be paired in single elimination brackets. Each driver will get one (1) run on each side of the course, unless one (1) or both drivers DNF (Did Not Finish) or Red Light (RL) on the first set of runs, which will end that pairing.
 - c. If a driver does not have another driver paired with them in a round (bye round), that driver may make one run on either course, but if they red light or DNF on that run they will be eliminated from the Challenge.
 - d. If necessary, the "dial-in" may be mathematically accommodated for after the runs, rather than through the programming of the tree.
 - e. If necessary due to a major equipment or software concern, the Challenge will be run using traditional timing equipment without reaction times being a factor.
 - f. If a Challenge cannot be run due to weather or other conditions beyond the control of the organizers, finishing positions will be awarded based on qualifying grid positions. EXAMPLE: Top qualifier would be the Top Eliminator and receive the accompanying points and prize money.
 7. Winners will advance to the next elimination round as provided for on the ProSolo® Challenge Bracketing Chart.
 8. "Time-out" delays are as specified per Section 20.10.G.14. No other delays will be allowed, including delays in the later rounds as the space between runs begins to shorten.
 9. A Red Light (RL) by one (1) driver in a round is an automatic win for the other driver if the other driver makes a successful start (Green Light). A successful Green Light is when the competitor breaks the start beam (Section 20.10.I.8). The winning driver may complete the course they are on, but will NOT be allowed to make a practice run on the other course. The winning driver may

be penalized by the Chief Steward for reckless driving while completing the course in such a manner that endangers participants. This would include, but is not limited to, crossing over to the other course, spinning, or hitting an excessive number of pylons. In the event both drivers Red Light (RL) in the same round, both drivers will be eliminated, except for the Semifinal and Final Rounds. During the Semifinal and Final Rounds, the driver with the slower Reaction Time (closer to 0.500 sec) will be declared the winner.

10. If a driver DNFs on course, it is an automatic win for the other driver.
11. In the case of a tie after a round, the entire round will be re-run.
12. If a portion of a round is run with incorrect dial-ins, that portion will be re-run, unless the provisions of Section 20.10.M.6.d are being used, where dial-ins are factored after the runs.
13. Vehicle Changes (Challenge Competition)
 - a. Challenge competitors may change vehicles with the permission of the Chief Steward, but must compete in an impounded vehicle that is eligible for their class that is in the same mechanical configuration in which that vehicle completed the class competition. However, Timing and Scoring must be notified within ten (10) minutes after the time that Challenge qualifying positions are announced and/or posted so that the change can be made in an orderly manner. This includes tires, suspension, induction, etc., with the following exceptions:
 1. Tire pressures and suspension settings may be adjusted. Tires, wheels, and/or suspension components may not be removed or replaced, including the rotation of tires.
 2. Each driver may have their own set of tires, but those tires must be impounded and marked by an Impound official when removed. There will be no time extension limits for the driver swap or mechanical delay.
 3. Broken mechanical components, including "corded" tires (not pairs of tires – only the specific "corded" tire), may be repaired or replaced within any time constraints listed in these rules. However, repairs must be done in the Impound or Grid area under scrutiny of Compliance Officials. NOTE: This exception does not allow for any component adjustments such as float levels, jetting, re-programming, etc.
 4. Fuel may be added.
 5. If the Chief Steward declares a "Rain Day," tires may be changed to any eligible tires for the class, but suspension components may not be removed or replaced.
 - b. For drivers in Index Classes, Challenge competitors may change vehicles to an impounded vehicle from the same Index Class (L1, R2, etc.) AND has the same index factor (ES, SM, etc.) as the car in which they completed class competition due to legitimate mechanical problems as determined by the Chief of Compliance and/or the Chief Steward. However, Timing and Scoring must be notified within ten (10) minutes after the time that Challenge qualifying positions are announced and/or posted so that the change can be made in an orderly manner.
 - c. All the above exceptions are strictly at the discretion of the Chief of Compliance and/or the Chief Steward.

N. Ladies Challenge Procedures

1. Dial-ins will be determined the same as the Super Challenge after factoring for the index.
2. See Section 20.10.M for procedures. Replace applicable references to Super Challenge with Ladies Challenge.

O. Bonus Challenge

1. 8 drivers will be selected (depending on time available) for the Bonus Challenge after class competition. **Bonus Challenge will not be run at the Finale event.**
2. The slots will be filled from randomly selected drivers not eligible for the Super Challenge or Ladies Challenges who request to compete in the Bonus Challenge. Drivers must be present at the drawing when their name is called to be entered into the Challenge. Only one (1) driver selected from a multi-driver/multi-class team will be eligible, therefore, only one (1) driver per car. If two (2) drivers from the same team are drawn, they can arm wrestle, do rock/paper/scissors, or decide in whatever means that they can determine immediately who will take the slot. ☺ In other words, decide between each other which driver gets to run the Bonus!

3. See Section 20.10.L for procedures. However, drivers will use their own “dial-in” AND the later rounds of the Bonus Challenge may be held and run during the later rounds of the Super Challenge to accommodate overall event efficiency.

P. Protests

1. Protests will be conducted according to the current SCCA® National Solo® Rules, except as amended by these ProSolo® National Series Rules and the Supplementary Regulations.
2. Drivers may protest drivers in another class as per these rules.
3. The protest fee is \$100.00. The time limit for submitting a protest against a car is 15 minutes after the conclusion of Impound after Saturday afternoon (Sat PM) for the class. Protests (fee doubled) may be accepted later if the protestor can clearly demonstrate that evidence pertinent to the protest was not available within the time limit.
4. The Chief of Compliance is the chairman of the Protest Committee. The remainder of the committee will be posted as needed.
5. If a protest cannot be resolved prior to the running of the Challenge competitions, the car/driver(s) will be allowed to run the challenge under probation. If the car is subsequently found non-compliant, that car/driver(s) results may be voided depending on the penalty assessed and the results of the Challenge will be adjusted as is possible.
6. If a car is protested, found non-compliant, and the decision is appealed, the car/driver(s) will be allowed to compete in the Challenge under probation if the car is brought into compliance.
7. If a car is protested, found compliant, and the decision is appealed, the car/driver(s) will be allowed to compete in the Challenge under probation.
8. Under no circumstances will a protest or appeal be allowed to substantially delay the running of the Challenge competitions.
9. The Protest Committee will be in charge of accepting protests, making inspections, taking measurements, determining compliance, and making a penalty determination.
10. The Senior Director of Rally/Solo may assess further penalties.
11. Range of Penalties: In addition to the penalties designated in the SCCA® National Solo® Rules, ProSolo® reserves the right to employ, but is not limited to, any of the following penalties:
 - a. Fines
 - b. Suspension from future events

Q. Appeals

1. The decision of the Protest Committee may be appealed to the Chief Steward. Written notice of intent to appeal signed by the appellant, specifying the grounds for appeal and including an appeal fee of \$200.00, must be received by the Chief Steward or their designate within one (1) hour after the announcement of the Protest Committee decision. The appeal and any supporting evidence must be received by the Senior Director of Rally/Solo® within seven (7) days. An Appeals Committee will be named by the Senior Director of Rally/Solo® or his/her designate.
2. The decision of the Appeals Committee will be final. The decision on the appeal shall be in writing and specify the disposition of the appeal fee. If the appeal is not upheld, the appeal fee will be forfeited. If the appeal is upheld, the appeal fee minus \$75.00 will be returned.

20.11 – AWARDS

A. Event Awards

1. Trophies will be awarded to the top finishers in ProSolo® National Series class competition based on the SCCA® National Solo® Rules.
2. Prize money will be awarded to the top qualifiers/finishers at each event in the Super Challenge, and Ladies Challenge. See below for more details.
3. Prize money will be awarded to the top year end finishers in the Super Challenge and the Ladies Challenge. See below for more details
4. **The amount of prize money is based on sponsorship.**

B. ProSolo® National Series Championship: Class Championship awards based on points (Section 20.12) with award distribution according to the SCCA® National Solo® Rules.

C. Challenge Championships:

1. Johnson-Clark-Johnson Cup

1st	\$600.00	JCJ Cup
2nd	\$400.00	Trophy

2. Fletcher Cup	3rd	\$200.00	Trophy
	1st	\$300.00	Ladies Cup
	2nd	\$200.00	Trophy
	3rd	\$175.00	Trophy

D. Prize Money

- Listed below is the guaranteed prize money. If additional funding is established during the season, the prize money fund will be readjusted and/or expanded.
- Prize money will be awarded to the top qualifiers for the Super Challenge in the following manner (must run Challenge to receive prize money):

Position	Prize Money
1st	\$100.00
2nd	\$75.00
3rd	\$ 50.00

- Prize money at each event will be awarded to the top qualifiers in the Ladies' Challenge in the following manner (must run Challenge to receive prize money):

Position	Prize Money
1st	\$75.00
2nd	\$50.00
3rd	\$ 40.00

- Prize Money at each event will be awarded to the top finishers in the Challenge competitions in the following manner:

	Finish Position	Prize
Super Challenge	1st	\$300
	2nd	\$200
	3rd	\$100
Ladies' Challenge	1st	\$150
	2nd	\$100
	3rd	\$75
Bonus Challenge	1st	Free regular ProSolo® entry

20.12 – CLASS/CHALLENGE CHAMPIONSHIPS and SERIES POINTS

- Series points for the ProSolo® Class Championships will be accumulated by ProSolo® National Series class finishing positioning in the best two (2) events entered AND the ProSolo® Finale. **Competitors must compete in the Championship Finale event** in order to be eligible for year-end prize money and/or trophies.
 - Series Challenge championship points for the JCJ Cup (Open) and the Fletcher Cup (Ladies) will accumulate by qualifying points and finishing position in their respective Challenges at the best two (2) Challenges in which they participated AND the ProSolo® Finale. Competitors must run their Challenge to receive qualifying points.
- C. Awarding of Points
- An event is counted for the championship when a driver has started at least one (1) run in class competition at an event. Points are awarded on a per-class, per-event basis.
 - As a driver changes class entered or indexed against, the points will start over as a new entrant. If a driver returns at a later event to a previous class, the points will again accumulate as an entrant in that class.

3. In case of a point finishing position tie (Class or Challenge), the tie-breaker will be their relative finishing position in the ProSolo® Finale (Class or Challenge as applicable). If this does not resolve the tie, their relative qualifying position for the Challenge will be used to break the tie.
4. Competitors must run in a Challenge to receive Challenge points.
5. **If a competitor is disqualified at The Tire Rack® SCCA® Solo® National Championship, all or a portion of the Series points may be revoked and their finishing position may be vacated.**
6. End of the year class awards will be presented based on the following schedule of the number of Series participants. To be considered a Series participant, a driver must compete in two (2) National Series events and the ProSolo® Finale.

Number of participants	Number of awards
1 – 2	1
3 – 5	2
6 – 8	3
9 – 11	4
12 and over	5

7. For Index based classes (L3, R1, CAM, etc.), the driver has entered that particular Index Class and NOT the class used for the Index factor (AS, EP, etc.). Therefore, they can change the vehicle and related Index factor within a particular Index based class without being considered having entered a new class, just as a driver within a traditional class (BS, ESP, STF, etc.) can change to any vehicle legal for that particular traditional class without starting over in their accumulation of points for that class.

E. Class Points

Finishing Position	ProSolo® National Series Points	Finale Points
1st	20	30
2nd	16	24
3rd	13	20
4th	11	17
5th	9	14
6th	7	11
7th	6	9
8th	5	8
9th	4	6
10th	3	5
11th	2	3
12th	1	2

F. Challenge Cup Points (Super and Ladies)

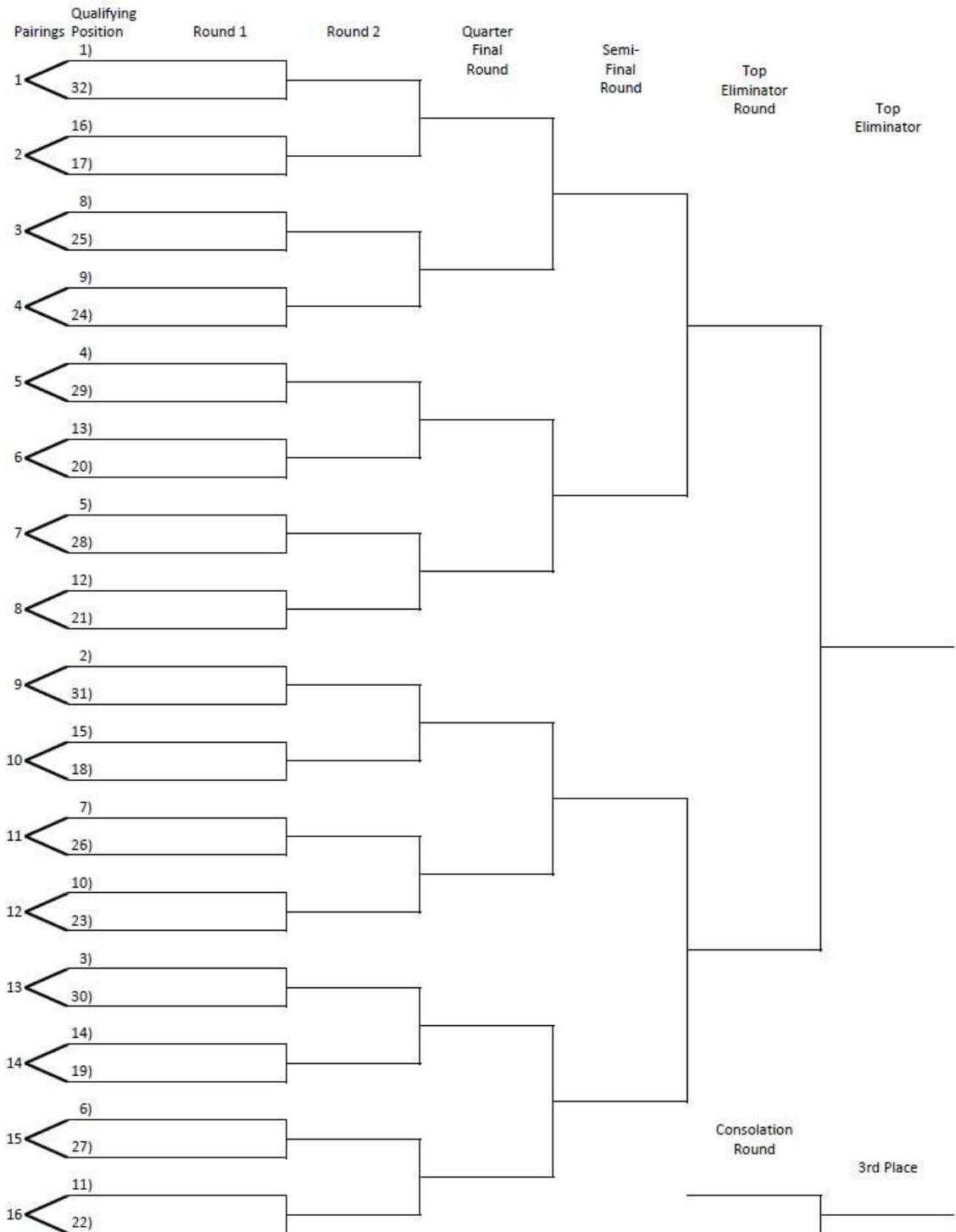
Finishing Position	ProSolo® National Series Points	Finale Points
1st	45	68
2nd	35	53
3rd	30	45
4th	25	38
5th – 8th	15	23
9th – 16th	10	15
17th – 32nd	5	8

G. Challenge Cup Qualifying Points (Super and Ladies)

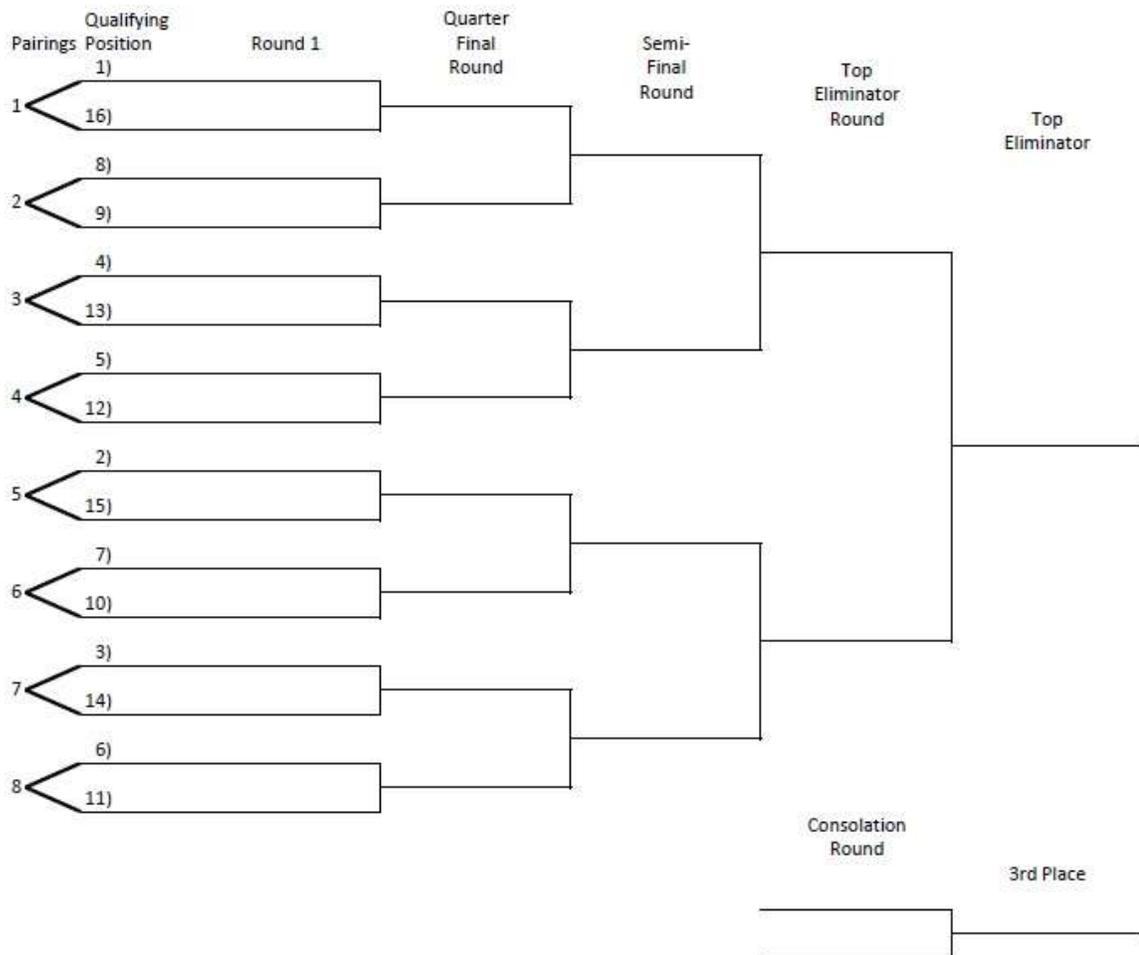
1st (best) qualifier	12 points
2nd qualifier	10 points
3rd qualifier	9 points
4th qualifier	8 points
5th qualifier	7 points
6th qualifier	6 points
7th qualifier	5 points
8th qualifier	4 points
9th qualifier	3 points
10th qualifier	2 points
11th qualifier	1 points
12th qualifier	1 points

20.13 – CHALLENGE CHART

Super Challenge



Ladies Challenge



Appendix A – 2017 ProSolo® Index:

SS	0.823	SSP	0.863	AM	1.000
AS	0.810	ASP	0.860	BM	0.946
BS	0.794	BSP	0.848	CM	0.888
CS	0.788	CSP	0.853	DM	0.910
DS	0.784	DSP	0.841	EM	0.915
ES	0.768	ESP	0.832	FM	0.920
FS	0.786	FSP	0.808	FSAE	0.954
GS	0.767				
HS	0.755	SSM	0.872	KM	0.932
SSR	0.847	SM	0.865		
		SMF	0.849	CAM-S	0.811
STU	0.829			CAM-C	0.802
STR	0.818	XP	0.897	CAM-T	0.790
STX	0.806	CP	0.845		
STP	0.797	DP	0.864	JA	0.809
STS	0.796	EP	0.843	JB	0.779
STF	0.774	FP	0.866	JC	0.710