

**2011
IZOD INDYCAR® SERIES
RULE BOOK**

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**2011
IZOD INDYCAR SERIES
RULE BOOK**

PREFACE

The Rules apply to the 2011 IZOD IndyCar Series Events. Each Member has been provided with or has been given access to a copy of the Rules, is deemed to have a full awareness and understanding of the Rules, and has agreed to abide by and be personally responsible for compliance with, the Rules. Further information may be obtained by contacting the INDYCAR offices at 4565 West 16th Street, Indianapolis, IN 46222, Telephone (317) 492-6526.

Definitions

Terms used in the Rules shall have the following meanings:

ACCUS-FIA - The Automobile Competition Committee of the United States (“ACCUS”) is the National Sporting Authority (“ASN”) of the Federation Internationale de l’Automobile (“FIA”) for the United States. ACCUS is comprised of the seven major motorsports sanctioning/governing organizations (known by or within the FIA as “member clubs”): Grand Am, IMSA, INDYCAR, NASCAR, NHRA, SCCA and USAC. ACCUS is the liaison between the member clubs, other ASNs and the FIA. ACCUS prepares listings on the international calendar, issues international motorsport licenses to U.S. and foreign citizens living in the U.S., issues authorizations for foreign participation, and certifies and maintains U.S. and international records.

Associate – The firm(s), corporation(s) or other business association(s) named on an Associate’s membership application approved by INDYCAR, remaining in good standing, and uniquely identified by a tax identification number. Associate includes Associate and Associate’s officers, directors, members, owners, successors, assigns, agents,

employees, representatives, and affiliates. Associate includes Manufacturers. Associate is responsible for Associate Participants and Associate guests.

Car – A four-wheel automotive vehicle consisting of the combination of chassis, Engine, transmission and tires. The vehicle must be supplied by Manufacturers, approved by INDYCAR, and conform to the specifications, spirit, and illustrations in, and intent of, the Rules.

Competitor - A Driver, Entrant, crew member, Manufacturer or any other individual or entity who is a Member and participates competitively in an Event.

discretion - Refers to the exercise by Officials of their judgment in making a determination as to the application, construction and interpretation of the Rules.

Driver - The individual named on a Driver's License and membership application approved by INDYCAR and issued by ACCUS-FIA (or another ASN, if applicable) and remaining in good standing. Driver is responsible for Driver guests.

Engine - An engine supplied by the engine Manufacturer and approved by INDYCAR. Unless otherwise approved by INDYCAR, all engines must be of the same specification and used without modification.

Entrant - The firm(s), corporation(s) or other business association(s) named on an Entrant's License and membership application approved by INDYCAR and issued by ACCUS-FIA, remaining in good standing, and uniquely identified by a Car number. Entrant includes Entrant and Entrant's officers, directors, members, owners, successors, assigns, agents, employees, representatives, and affiliates. Entrant is responsible for Entrant Participants and Entrant guests.

Entry - An Entrant's Car and Driver combination on an Entry form displaying the Entrant's Car number and approved by INDYCAR for participation in a designated Event.

Event - Any and all INDYCAR-officially governed functions or other INDYCAR-approved activities as the context shall require including without limitation promotions, compatibility tests, exhibitions, testing, registration, inspections, practice, qualifications, Race, pre- and post-Race ceremonies and activities and awards and ceremonies. Event does not include any Firestone Indy Lights®, STAR Mazda Championship or USF2000 National Championship events, as those events are covered by separate rules.

Event Agreement – The agreement in effect between INDYCAR and an Event Promoter regarding the conduct of a Race Event.

Event Promoter – The firm(s), corporation(s) or other business association(s) named on an Event Agreement with INDYCAR and responsible for designated operations of an Event. Event Promoter includes Event Promoter and Event Promoter’s officers, directors, members, owners, successors, assigns, agents, employees, representatives, and affiliates.

Headings – The subject headings are included for purposes of convenience only, and shall not affect the construction or interpretation of any of the Rules.

INDYCAR - Indy Racing League, LLC d/b/a INDYCAR which owns and operates the IZOD IndyCar Series. “Indy Racing League”, "INDYCAR", and “Leaders Circle” are registered trademarks with the United States Patent and Trademark Office and cannot be used without authority from INDYCAR or Brickyard Trademarks, Inc.

IZOD IndyCar Series - The IZOD IndyCar Series operated by INDYCAR. IndyCar Series (and design) are registered trademarks of Brickyard Trademarks, Inc., used with permission. IZOD is a registered trademark of Phillips-Van Heusen Corporation, used with permission. Any reference in the Rules to IZOD IndyCar Series may include INDYCAR and any reference to INDYCAR may include a reference to the

IZOD IndyCar Series, if the context so requires.

Leaders Circle – The program whereby INDYCAR provides benefits including without limitation Team Enhancement Allocation Matrix (“TEAM”) award payments (Basic Award Money, Race Bonuses, Indianapolis Qualifications Bonuses, and End of Season Bonuses) to Entrants and Entrant Participants in exchange for their participation in all of the Races. Entrants must submit an application and receive an acknowledgment of acceptance of such application from INDYCAR. Leaders Circle Members must remain in good standing. Leaders Circle designations may not be transferred, sold or otherwise assigned without prior written permission by INDYCAR. INDYCAR in its discretion may limit the number of Leaders Circle Members as it deems appropriate.

License - An authorization approved by INDYCAR and issued by ACCUS-FIA (or another ASN, if applicable) to an individual or other entity to participate in an Event as a Driver, Entrant or Official.

Manufacturer – The firm(s), corporation(s) or other business association(s) named on an Associate’s membership application approved by INDYCAR, remaining in good standing, and uniquely identified by a tax identification number. Manufacturer includes the approved chassis, tire, engine, and transmission manufacturers and their officers, directors, members, owners, successors, assigns, agents, employees, representatives, and affiliates. Manufacturer is responsible for Manufacturer Participants and Manufacturer guests.

Member - An individual, firm, corporation or other business association completing an INDYCAR membership application, receiving an acknowledgment of acceptance of such application from INDYCAR, and remaining in good standing. Without limitation, each Competitor and Official must be a Member. Member is responsible for Member’s Participants and Member’s guests.

Officials - Any and all authorized INDYCAR officers, employees, agents, representatives, and subcontractors. Officials specifically referenced in the Rules include:

“Appeal Official”, Jeff Belskus

“CEO”, Randy Bernard

“Senior Official”, Brian Barnhart

The Appeal Official, CEO and/or Senior Official may replace any Official with another Official(s) at any time. The above-named Officials may delegate their authority in whole or in part to another Official(s) at any time.

Participant - Any individual or entity along with their officers, directors, members, owners, successors, assigns, agents, employees, representatives, and affiliates that are in any way associated or connected with the Event facility or Event including but not limited to Event facility owners, Event Promoters, municipalities, racing associations, sanctioning/governing organizations, series organizers, Officials, Track workers, volunteers, Entrants, Car owners, Drivers, pit crew members, safety crew members, medical/rescue personnel, sponsors, manufacturers, suppliers, designers, advertisers, inspectors, construction contractors, engineers, architects, insurers, and all individuals in a restricted area.

Race - The feature activity of an IZOD IndyCar Series race weekend.

Racing Surface - The area designated by the Senior Official as eligible for use during competition. It may be formed by boundaries such as a wall or a line. It does not include grass or runoff areas.

Registration - The unique identity number assigned to a specific Car by the chassis Manufacturer.

Rules - This 2011 IZOD IndyCar Series Rule Book, including all illustrations, supplementary rules, operations manuals, and bulletins issued by Officials, whether containing rules applicable only to a particular Event(s) or containing rules of general applicability. The Rules are made available in both hard copy and electronic format. Because of the ability to alter the electronic format, the hard copy issued by INDYCAR controls as to any discrepancies. Notwithstanding the foregoing, Rules may be issued verbally in mandatory meetings such as drivers meetings held during Events.

Safety Car – The official safety car approved by INDYCAR, driven by an Official and used during on-track activities.

Team – One or more Entrants under common ownership and/or control as determined by INDYCAR in its discretion.

Track – The area including without limitation the Racing Surface, pit entrance lanes, pit lane, and pit exit lanes located between the outer and innermost retaining walls.

I. GENERAL

1.1 Governance -

A. General –

(1) The Rules govern the 2011 IZOD IndyCar Series Events and supersede all previous rules, bulletins and supplementary rules and regulations, except as otherwise indicated.

(2) Each Member is personally responsible for the Member's compliance with the Rules.

(3) Officials may penalize any Member and/or exclude any Member or equipment from any Event if Officials deem any act or any condition to be hazardous and/or not meeting the specifications, spirit, illustrations, and intent of, the Rules. Conditions that may warrant penalty and/or exclusion include without limitation any action which an Official deems to be a threat to the integrity of INDYCAR, the IZOD IndyCar Series and/or orderly conduct of the Event, and/or which relates to the design and construction of a Car or repairs to a damaged Car.

(4) If the Rules do not expressly permit a variation, then the Member shall presume that such variation is not permitted. If a Member is uncertain if an act, part, etc. violates a Rule, the burden is on the Member to receive pre-approval in writing from INDYCAR. If not, the Member assumes the risk of noncompliance. Failure to gain an advantage by a Rule violation may not reduce or negate a penalty.

B. INDYCAR Authority –

(1) The Rules shall be applied, construed and interpreted by Officials, and the Officials' application, construction and interpretation shall be final and binding.

(2) Officials reserve the right to revise the Rules at any time, including without limitation during an Event. Notices, bulletins, supplementary rules, regulations and penalties are effective on the date and time issued, regardless of the date and time when a Member receives actual notice.

(3) Officials shall have the right to authorize and supervise Events of any kind; to make and construe Rules and to render decisions concerning them; to grant, approve, refuse or withdraw Licenses, memberships, and sanctions; to assign and cancel dates for Events; to appoint and rescind the appointment of Officials; to impose and remove penalties for any violation of the Rules; to establish standards of eligibility for participation in Events; to establish Rules for its own procedure; and to do any and all things which, in its judgment, are consistent with the enhancement of the Events. Any and all actions and decisions Officials are authorized and empowered to take under the Rules may be taken, or not taken, by Officials in their discretion.

(4) INDYCAR also reserves the right to take whatever action and/or impose whatever penalty it deems necessary to maintain the integrity of INDYCAR, the IZOD IndyCar Series and/or its Events.

C. Officiating –

(1) INDYCAR will select Officials as it deems appropriate.

(2) Officials shall have the discretion and authority to take any and all actions and make any and all determinations they deem necessary or appropriate during, or in connection with, an Event including without limitation determinations as to whether a Rule violation has occurred and whether a penalty should be imposed.

(3) INDYCAR in its discretion shall have the right to determine whether or not to publish or cause to be published a notice stating that INDYCAR has penalized any Member and/or rendered a judgment on a protest or appeal. If published, the notice may include without limitation a description of the penalty or judgment and names of the affected Members. Having accepted the privileges and obligations of membership, the Members referenced in any such notice waive any and all rights of action against INDYCAR and/or against any individual publishing such notice. Officials may publicize the results referenced in such notice in the posting and awards or otherwise.

(4) Officials will secure necessary timing and scoring and technical equipment and record all timing and scoring and technical information, including the standings of an Event; control the designated timing and scoring and technical areas; provide competition information to the Competitors, the Event Promoter, and the press; and facilitate the award distributions. Officials shall be the final authority on the content of the official posting of all Entry lists, practice sessions, qualifications results, Race finishes, point standings and award distributions.

(5) Officials may order the completion, postponement or cancellation of an Event or any portion thereof in the case of inclement weather, physical condition of the Track, or for any other reason. Officials may terminate a Race before its

scheduled number of laps or allotted time and in such case determine the Race results and disposition of the awards, and may terminate a Race after one or more Cars have finished. Officials may reduce the scheduled number of laps, allotted time, or they may declare an Event completed, postponed or abandoned.

(6) As soon as practical after the conclusion of an Event, Officials shall prepare a report giving the results of the Event and may identify protests lodged and any discipline administered. INDYCAR shall keep a record of Cars declared out of the Race and the reason therefor.

D. Acceptance of the Rules –

(1) Every Member who is involved in and/or participates in any way in any Event shall be deemed to have a full awareness and understanding of, and to accept, the Rules.

(2) Every Member agrees to follow the direction of Officials with respect to the enforcement of these Rules or be subjected to penalties for failure to comply with such directions.

E. Assumption of Risk, Liability Release, Acknowledgment and Indemnity –

(1) ASSUMPTION OF RISK - EVERY MEMBER AGREES TO BE BOUND BY THE RULES AND ASSUMES ALL OF THE RISK OF SUCH MEMBER'S INVOLVEMENT AND/OR PARTICIPATION IN AN EVENT.

(2) LIABILITY RELEASE - RECOGNIZING THAT AUTOMOBILE RACING CAN BE A HAZARDOUS UNDERTAKING, MEMBERS, FOR THEMSELVES, THEIR HEIRS,

EXECUTORS, REPRESENTATIVES, SUCCESSORS AND ASSIGNS, AGREE, BY THEIR MEMBERSHIP, THAT THEY RELEASE AND DISCHARGE INDYCAR, THE OFFICERS, DIRECTORS, EMPLOYEES, AGENTS, AFFILIATES, REPRESENTATIVES, OWNERS, SUCCESSORS AND ASSIGNS OF INDYCAR, AND OTHER MEMBERS, FROM ANY AND ALL LIABILITY FOR DAMAGES TO PROPERTY, PERSONAL INJURY, AND/OR DEATH, IN ANY WAY RELATING TO ANY EVENT OR THE MEMBERS' INVOLVEMENT AND/OR PARTICIPATION IN THE EVENT, REGARDLESS OF HOW THE CLAIM MIGHT ARISE INCLUDING WITHOUT LIMITATION RACE OFFICIATING, RULE INTERPRETATION AND VIOLATIONS, PHYSICAL CONDITION OF THE TRACK, AND/OR EMERGENCY TREATMENT OR RESCUE.

(3) ACKNOWLEDGEMENT –

(a) MEMBERS RECOGNIZE THIS RELEASE APPLIES EVEN IF THE RELEASED PARTIES OR ANY OF THEM ACTED NEGLIGENTLY AND UNDERSTAND THAT MEMBERS MAY BE ASKED TO ACKNOWLEDGE THIS ASSUMPTION OF RISK AND RELEASE BY OTHER AGREEMENTS THEY MIGHT SIGN AS A PREREQUISITE TO PARTICIPATE IN AN EVENT OR EVENTS.

(b) EACH MEMBER ACKNOWLEDGES THAT THE MEMBER HAS MADE THE MEMBER'S SPOUSE AND/OR DEPENDENTS AWARE OF THE MEMBER'S DECISION TO ASSUME AND

**INCUR THE RISK ASSOCIATED WITH
RACING WITHOUT THE RIGHT TO
PURSUE CLAIMS OF WRONGDOING.**

(4) INDEMNITY – EACH MEMBER ACKNOWLEDGES THAT MEMBER IS RESPONSIBLE FOR VIOLATION OF MEMBER'S AGREEMENTS BY MEMBER, MEMBER'S REPRESENTATIVES INCLUDING LOVED ONES AFFECTED BY MEMBER'S PARTICIPATION, AND MEMBER'S PARTICIPANTS AND GUESTS. THIS RESPONSIBILITY APPLIES TO ALL VIOLATIONS OF MEMBER'S AGREEMENTS WITH INDYCAR. THIS INCLUDES THE MISUSE OF CREDENTIALS AND THE FAILURE TO ACCEPT THE ASSUMPTION OF RISK, THE WAIVER AND RELEASE OF LIABILITY, THE BINDING NATURE OF THE RULES, INDYCAR'S INTREPRETION OF THE RULES, AND THE FINALITY OF THE APPEAL PROCEDURE. MEMBER UNDERSTANDS THAT THIS RESPONSIBILITY INCLUDES THE DUTY TO INDEMNIFY AND HOLD INDYCAR HARMLESS FROM THE CONSEQUENCES AND DAMAGES ARISING FROM THE VIOLATION.

1.2 Safety -

A. Safety Policy - While INDYCAR seeks to maintain safe conditions for Competitors taking into account all aspects of the Event, Members recognize that conditions may not be safe and can be affected by human error. All Members acknowledge and agree that racing is a hazardous activity and their participation is with expressed assumption of this risk.

B. Safety -

(1) While acknowledging the inherent risk of racing to Competitors and other Members participating in an Event, Members are personally responsible for the safety of their racing equipment and their own safety. No Event Promoter, INDYCAR or any Manufacturer

is responsible for the adequacy of a Member's racing equipment or racing activity to accomplish this purpose. No Event Promoter, INDYCAR or any Manufacturer makes any representation, warranty or covenant that safety equipment and/or personnel will prevent or reduce the Member's risk or extent of injury in an Event.

(2) Officials may take any action, including canceling, postponing, temporarily stopping or delaying an Event, if Officials determine in their discretion that safety requires such action. Officials may order off the Track any Member or Car that Officials determine constitutes a hazard. Officials may prohibit any Member or Member's equipment from entering or continuing in an Event if Officials consider the Member or Member's equipment to be reckless, hazardous or acting without due consideration to others. None of such decisions during an Event may be protested or appealed. In the event a Driver is ordered off the Track due solely to driving, the Entrant may replace the Driver with a qualified Driver approved by Officials and continue in the Event.

C. Security -

(1) Only authorized personnel are permitted on the Track and other locations designated by INDYCAR or an Event Promoter including without limitation spotter stands, corner worker stations, safety truck locations, photographer locations, and broadcast platforms.

(2) INDYCAR and the Event Promoter have the right to engage in such searches of individuals and property at any Event facility as they deem necessary or appropriate for security of the Event. If they deem necessary, INDYCAR and the Event Promoter have the right to remove any individual and/or property

from the Event facility.

(3) INDYCAR may penalize any Entrant, Associate or other Member whose representative or equipment enters a restricted area at an Event facility prior to the scheduled opening time or remains in a restricted area at an Event facility after the scheduled closing time without prior approval from INDYCAR and the Event Promoter.

(4) Only Members possessing a valid driver's license may operate a motorized vehicle in a restricted area during an Event. Only INDYCAR-approved vehicles are permitted in the pit area. INDYCAR and/or an Event Promoter may have additional or different requirements for a particular Event, and INDYCAR may modify the foregoing Rule accordingly.

(5) Members must not operate or permit another individual to operate a motorized or non-motorized vehicle at the Event facility recklessly or without due consideration to Members, spectators or others.

(6) Smoking is not permitted on the Track, in the pit area, or in any fuel service area. INDYCAR and/or an Event Promoter may have additional or different requirements for a particular Event, and INDYCAR may modify the foregoing Rule to the extent permitted or required by law.

D. Medical/Rescue Requirements and Injury Reports –

(1) Officials may require the Event Promoter to use, in compliance with local regulations and/or ASN requirements, medical/rescue personnel and equipment acceptable to INDYCAR to provide Members with assessment and treatment of emergency medical conditions including breathing difficulty, spinal injury, cardiopulmonary arrest, and external bleeding.

(2) A Driver may be required to demonstrate ability to exit the Car to Officials' satisfaction.

(3) A Driver involved in a crash or injured in another incident during an Event must report as directed by Officials and may not continue in the Event nor participate in future Events without clearance from Officials.

(4) Any other Member involved in a crash or injured in another incident during an Event must report to the medical center or as directed by Officials before departing the Event facility prior to the conclusion of an Event.

E. Biomedical Research and Device Testing Policy– All Members must comply with INDYCAR's Biomedical Research and Device Testing Policy available from the INDYCAR office.

F. Data Sharing Policy - All Members agree:

(1) INDYCAR owns all data collected by or on behalf of INDYCAR including without limitation all data from broadcast telemetry, in-car cameras, impact recorders and ear pieces.

(2) INDYCAR may disclose the data to third parties for any reasonable purpose including without limitation safety and/or medical research.

(3) If an individual desires to receive any such data from INDYCAR, the individual shall submit a request in writing to the Senior Official.

(a) The written request shall specify the data requested and the proposed use of the data.

(b) The decision whether to provide the data

shall be in the discretion of INDYCAR taking into account such factors as the nature of the data requested, the uses for which the individual requests the data and whether or not consent and/or approval of any other individual is required or appropriate in order to release the data.

(c) The individual will be required to execute an agreement regarding approved uses for the data and the confidential treatment of any data that INDYCAR approves for use by the individual.

(4) Notwithstanding the foregoing, an Entrant may record its own pit stop activities from its own pit area during Events for use only by such Entrant for internal evaluation of its own pit stop procedures. All other activities and/or uses require prior INDYCAR written approval.

G. Safety Inspections - Officials may inspect all equipment prior to each Event and re-inspect equipment at any time. An Entrant may be required to replace seats, seat belts, helmets, headrests, head restraint systems and other equipment at any time.

H. Personal Safety Equipment –

1. Drivers

- a. All Drivers must wear:
 - i. Fire resistant one piece uniform conforming to SFI 3.2A/5 specification;
 - ii. Fire resistant socks;
 - iii. Fire resistant shoes;
 - iv. Fire resistant gloves;
 - v. Nomex long sleeve underwear; and
 - vi. Fire resistant head sock.

b. All removable dental appliances, chewing gum, rings, watches and other jewelry and comparable items must be removed before a Driver participates in an on Track Event.

c. **Helmets**

- i. All Drivers must wear safety helmets designed specifically for automobile racing that meet or exceed the 2005 Snell Foundation specifications SA or SFI 31.1 certifications and are labeled as such. Helmets must be spherical in shape and be fitted with a face shield that has an INDYCAR-approved positive latching mechanism designed to keep the shield down in the event of a crash. Aerodynamic devices must not protrude more than 0.250 inches from the surface. Flat back designs are not permitted. All helmets must be fitted with the approved removal system.
- ii. All helmets must be inspected and approved by Officials before use and are subject to confiscation and re-inspection by Officials at any time. Officials shall affix stickers to the helmets

signifying approval for use. At any time, Officials may remove the approval stickers and require the helmets to be re-inspected and refurbished by an SFI certified helmet manufacturer before INDYCAR will consider them for re-approval. The helmet manufacturer must submit to INDYCAR documentation stating the refurbished helmet is approved by SFI for use in competition.

d. Head Restraint Systems

- i.** INDYCAR requires the use of head restraint systems. Head restraint systems must meet or exceed SFI 38.1 certifications and be approved by INDYCAR.

- ii.** Officials shall issue a serial number to each head restraint system. At any time, Officials may require the head restraint system to be re-inspected and refurbished by the SFI certified head restraint system manufacturer before INDYCAR will consider it for re-approval. The head restraint system manufacturer must submit to INDYCAR documentation stating that the head restraint

system is approved by SFI
for use in competition.

- e. **Ear Pieces** – All Drivers must wear INDYCAR-supplied instrumented ear pieces. Ear pieces must be presented to Officials for testing before each Event and upon request. Repair and/or replacement of the ear pieces may be the Driver's expense.

2. Crew Members and Other Competitors Participating in a Pit Stop

a. All crew members and other Competitors participating in a pit stop shall wear:

- (i) Fire resistant uniforms conforming to SFI 3.2 A/1 specifications;
- (ii) Fire resistant shoes;
- (iii) Fire resistant gloves;
- (iv) Nomex long sleeve underwear;
- (v) Fire resistant head sock (fuelers only);
- (vi) Full-face helmet (fuelers only); and
- (vii) INDYCAR-approved helmet (over the wall Competitors only).

b. For purposes of this Rule, a Competitor shall be considered participating in a pit stop if the Competitor is:

- (i) working over the pit wall; or
- (ii) actively participating in the pit stop from behind the pit wall.

3. Crew Members, Other Competitors and Officials –

a. Except as provided in Rules 1.2(H)(1)(a) and 1.2(H)(2)(a), all Competitors and Officials in the

pit area must adhere to the following dress code:

- (i) Long pants;
- (ii) Closed-toe shoes; and
- (iii) Shirts with sleeves (no tank tops).

b. This Rule does not apply to individuals in the pit area who are not Competitors or Officials or to any individuals in the garage area or non-restricted areas. INDYCAR and/or an Event Promoter may have additional or different requirements for a particular Event.

1.3 Emblem Display on Uniforms, Cars and Other Equipment – All Members agree to comply with the 2011 INDYCAR Style Guide available from INDYCAR at the INDYCAR offices.

1.4 Advertising –

A. INDYCAR in its discretion may regulate the advertising of any product on equipment, apparel or otherwise in connection with a Member, INDYCAR, the IZOD IndyCar Series or an Event.

B. Advertising may not be displayed until it has been approved by INDYCAR. INDYCAR in its discretion may disapprove advertising for any reason including but not limited to advertising which it determines is offensive, inappropriate, illegal, undignified, in conflict with any INDYCAR or Event Promoter sponsorship, potentially confusing or may detract from the interest in an Event and/or the integrity of INDYCAR and/or the IZOD IndyCar Series.

C. INDYCAR may require a Member to agree in writing with a policy statement regarding advertising of a particular product.

D. Product advertising must comply with all Rules

including without limitation size.

1.5 Product Use -

A. A Member shall not make a false public statement concerning any product used or said to have been used in an Event. An Entrant may be required to provide INDYCAR with an affidavit certifying product use. Display of an emblem on a Car or uniform does not constitute a statement concerning use.

B. INDYCAR in its discretion may certify that a product was used at Events. A product manufacturer desiring to have INDYCAR certify that its product was used in an Event must follow the procedures outlined in this Rule 1.5.

C. To be eligible to receive certification of product use, the product manufacturer must agree in writing to the following:

(1) The product manufacturer must agree to be bound by the Rules and must agree to be subject to penalty pursuant to the Rules.

(2) Any product to be advertised as being used in an Event must be reported to INDYCAR in writing at least 30 days prior to the Event and approved for use by INDYCAR. The product advertised must be used during the Event, and its use must be checked and certified by INDYCAR.

(3) Product manufacturers posting awards contingent on product use and the display of advertising during an Event must provide Officials with a statement of the conditions at least 30 days prior to the Event. The product manufacturer shall provide Officials with proof of award distribution in accordance with these conditions within 30 days of certification by INDYCAR of the product use.

(4) Any advertisement of products and the related use of these products during an Event must be consistent with the facts as determined by INDYCAR and must not be likely to deceive or mislead the general public.

(5) INDYCAR may add requirements as it deems appropriate in its discretion.

1.6 Event Personnel and Operations -

A. General -

(1) An Entrant is not permitted to utilize a signboard without INDYCAR approval.

(2) At all Oval Events, spotters are required. They must be in the designated location(s) and have a yellow condition pager and a radio capable of communicating with the Driver and an individual in the Entrant's pit.

(3) An Entrant is not guaranteed a practice session or a minimum amount of green condition time during a practice session. Practice sessions may include all Cars or be divided into groups.

B. Meetings and Activities –

(1) INDYCAR may schedule mandatory meetings and/or activities for Members. The Senior Official may require a meeting with Member(s) at any time. Each Member must attend all official meetings and other activities designated by INDYCAR as mandatory for that Member at the times and locations designated by INDYCAR. These may include the following:

(a) Driver Meetings –

(i) INDYCAR may conduct one or more meetings of Drivers to discuss general application, construction and interpretation of the Rules and any specific Rules applying to a particular Event.

(ii) Attendance at such meetings is limited to the Driver participating in the Event and any two of the following representatives for Entrant: owner, manager, chief mechanic, or spotter.

(b) Team Manager Meetings - INDYCAR may conduct one or more meetings of team managers to discuss general application, construction and interpretation of the operational or logistical Rules and any specific Rules applying to a particular Event.

(c) Chief Mechanic Meetings - INDYCAR may conduct one or more meetings of chief mechanics to discuss general application, construction and interpretation of the technical Rules and any specific Rules applying to a particular Event.

(d) Driver Autograph Sessions – INDYCAR may conduct one or more autograph sessions of Drivers during each Open Test and Race weekend.

(e) Driver Introductions – INDYCAR may conduct one or more Driver introductions during each Race weekend.

(f) At-Track: Driver agrees media and marketing activities during an Event are essential to a successful Event including without limitation:

- (i) Practice: Fastest of the Day post-practice media center appearance

- (ii) Qualifications:
 - a. Pole qualifying media “bullpen” appearance
 - b. Pole winner photograph obligations
 - c. Immediately following qualifications, media center appearance:
 - 1. Oval Events: the pole winner and outside front row starter
 - 2. Road Course/Street Course Events: the Drivers participating in Segment Three
- (iii) Pre-Race: In preparation for a Race, Drivers shall follow the instructions of Officials. Unless otherwise directed, the Drivers shall proceed to the Pre-Race stage and fully participate in pre-Race ceremonies including without limitation any Driver introductions and/or Track laps.
- (iv) Post-Race: Upon completion of a Race, all Competitors shall follow the instructions of Officials. Unless otherwise directed, the top three finishers in the Race shall proceed to victory lane as instructed and fully participate in post-Race ceremonies including not removing, obscuring or otherwise altering any sponsor recognition. Specifically at a minimum, this includes the following:
 - a. The winning Driver must attend and participate in post-Race interviews in victory lane. The winning Driver and Car owner (if the owner is in attendance) of a Race agree to permit the display on the Car in victory lane, as designated by INDYCAR, one item from the series title sponsor and one item from the Car’s sponsor as determined by INDYCAR in its sole discretion, including size, location and placement of such item(s). The

winning Entrant agrees to participate in a photograph with the Event sponsor(s) and their guests. At the Indianapolis 500 Mile Race, the winning Driver must take the traditional drink of milk in victory lane.

- b. Unless otherwise directed, the 2nd and 3rd place Drivers must stop in pit lane or such other area as designated by INDYCAR and participate in media interviews.
- c. The 4th and 5th place Drivers must stop on pit lane or such other area as designated by INDYCAR and participate in media interviews.
- d. The 2nd and 3rd place Drivers must proceed to victory lane and join the Race winner in post-Race ceremonies. The top three finishers must wear INDYCAR provided hats in the following order: Tire manufacturer, IZOD IndyCar Series, and Engine manufacturer.
- e. Immediately following victory lane ceremonies, the Race winner, 2nd place Driver and 3rd place Driver must attend and participate in post-Race interviews in the media center.
- f. Following the media center interviews, the winning Driver shall attend and participate in a satellite media tour and radio media tour, if requested.
- g. All other Drivers agree to attend and participate in the post-Race media center interview process, if requested.
- h. All selected Cars must be presented to Officials at technical inspection within

one hour of the conclusion of the Race.

(g) Indianapolis 500 Mile Race: All Drivers in the Indianapolis 500 Mile Race starting field must attend a media event in New York City or such other designated location for a full-field media day/photograph and videotape shoot, with travel provided by INDYCAR. The winning Driver agrees to attend and participate in a national media tour that may include a trip(s) to national media markets.

(h) Championship: All Drivers and Entrants mathematically eligible to win the end of season Driver and/or Entrant point standings agree to attend and participate in activities as follows:

(i) End of season Event venue for final Race: a media activity at the approximately four weeks prior to the end of season Event

(ii) During the final five (5) Races: designated pre-Race and/or post-Race media requirements, including national media teleconferences, satellite media tours and/or radio tours as directed by INDYCAR

(iii) End of Season Event Week for final Race: a media event as designated by INDYCAR

(iv) IZOD IndyCar Series Champion: a national media tour that could include a trip(s) to national media markets, if requested.

(i) Celebration: The winning Driver and Car owner must attend and participate in the Celebration at such times and locations as designated by INDYCAR.

(2) Penalties – The Senior Official in his discretion shall determine whether a Member has failed to attend or engaged in inappropriate conduct during a meeting or mandatory activity. The following penalties may apply:

(a) First Offense - \$5,000 and/or require attendance at an additional/substitute meeting or activity.

(b) Each Additional Offense – INDYCAR may double the fine, require attendance at an additional/substitute meeting or activity, and/or INDYCAR may require the Driver’s Car to start the Race at the rear of the starting field (in the case of a Drivers meeting).

Whether in attendance or not, Members shall be charged with knowledge of the matters discussed at all meetings (whether mandatory or not). A Member and the Member’s Entrant waive the right to protest and/or appeal any penalties that may be assessed for any violation of the Rules if the Member was not present at the meeting when the matter was discussed.

(3) No cellular telephones, wireless mobile devices, personal digital assistants or other recording devices may be used during any mandatory meeting and/or activity.

II. MEMBERSHIP

2.1 General - INDYCAR is a membership organization. Each Member shall be deemed to be an independent contractor of INDYCAR, and the relationship between INDYCAR and a Member shall not be deemed to be a partnership, joint venture or employment relationship by virtue of the membership.

2.2 Application -

A. Each applicant may be required to submit the following properly executed materials for INDYCAR approval in the form required by INDYCAR:

(1) Membership application on a form provided by INDYCAR,

(2) Membership application fee (if any),

(3) Substance Abuse Policy Authorization for Screening and/or Testing and Release (if the applicant is a Competitor or Official),

(4) Participant Authorization for Use and Disclosure of Protected Health Information, and

(5) Any other materials required by INDYCAR.

B. Qualifications for membership shall be determined by INDYCAR and may be periodically revised.

C. Each applicant agrees to fulfill all contractual obligations such applicant and/or applicant's affiliates may have to INDYCAR, Event Promoters, Manufacturers and their affiliates. Each applicant agrees that INDYCAR, Manufacturers and their affiliates shall have the remedy of

specific performance with respect to any and all such obligations in addition to all other rights and remedies available at law or in equity and notwithstanding any terms to the contrary in any other agreement.

D. Each applicant must pay any and all outstanding financial obligations owed by applicant or its affiliates to INDYCAR, Manufacturers and their affiliates or make other arrangements acceptable to INDYCAR, Manufacturers and their affiliates.

E. Acceptance or rejection of any membership application is in the discretion of INDYCAR, although the rejection of a membership application may be protested and/or appealed in accordance with the procedures set forth in Rule XII and Rule XIII.

F. If an individual/entity participates in an Event without having properly submitted a fully-executed membership application, the individual/entity, by such participation, nevertheless agrees that the individual/entity is subject to all Rules and all statements, releases and obligations appearing in the membership application as if the individual/entity had properly submitted a fully-executed membership application.

G. Regardless of where the application is executed by the applicant and/or accepted by INDYCAR and/or the credential issued, applicant recognizes and agrees that the Member's application and associated agreement is an Indiana contract and forms a contractual relationship established in the State of Indiana and governed by the laws of Indiana. This contract and relationship is a legal one and applicant should consult his/her attorney if he/she has any legal questions.

2.3 Term - Unless otherwise noted, a membership expires on December 31 of the calendar year. INDYCAR may issue a credential which may only be valid for a designated period of time or designated Event(s) as INDYCAR deems appropriate.

2.4 Interim Review of Qualifications - INDYCAR in its discretion may review the qualifications of a Member at any time after accepting a membership to determine whether the Member shall continue to qualify for a membership under these Rules.

2.5 Acknowledgement of Release and Assumption of Risk - INDYCAR may periodically request a Member to acknowledge the release and assumption of risk in the membership application, but the failure of INDYCAR to request and/or a Member to sign an acknowledgement does not negate the release and assumption of risk in the membership application or in these Rules.

2.6 Applicable Laws and Jurisdiction -

A. To avoid the need for specific inquiries, each Member represents, warrants and covenants to INDYCAR and its affiliates that such Member has complied with and at all times will comply with all applicable local, state federal and country laws, rules and regulations including but not limited to income/sales/use tax, safety/health, transportation, workers compensation, and frequency communications.

B. If there is a misrepresentation and/or a breach of this warranty and covenant, such Member shall indemnify and hold INDYCAR and its affiliates harmless from any loss or expense incurred by INDYCAR or its affiliates as a result of any noncompliance including without limitation claims of INDYCAR's or its affiliates' sole or contributory negligence and/or a claim that INDYCAR or its affiliates failed to supervise or achieve compliance.

C. The Rules shall be governed by and construed in accordance with the laws of the State of Indiana, including its choice of law provisions, and the Members submit to exclusive jurisdiction in Indianapolis, Indiana for any administrative or judicial proceedings.

D. If any litigation involving a Member and INDYCAR is not dismissed pursuant to Rule 13.9, the Member agrees that the matter will be tried only before a judge of competent jurisdiction in Marion County, Indiana, and the Member hereby waives any right to trial by jury in such action.

2.7 Conduct Identification - A claim of intentional or willful and wanton conduct by one Member against another should never be made unless the claim can be supported by established facts. Even if factually supportable, such a claim can not continue unless the notice required in the membership application is timely completed.

2.8 Litigation – Each Member agrees to reimburse INDYCAR, its affiliates, and other named Members (“INDYCAR Group”) for all costs of litigation including without limitation travel expenses and attorneys’ fees if either of the following conditions occurs:

(A) The Member initiates or otherwise causes a member of the INDYCAR Group to be named as a party in a legal proceeding not permitted or contemplated by the Rules; or

(B) The Member requests or compels a member(s) of the INDYCAR Group’s participation in a manner other than as a party to the lawsuit.

2.9 Categories – The following membership categories exist:

Entrant

Driver

Associate

Official

Sponsor

Event Promoter

Media

VIP

2.10 Age -

A. Before an individual shall be eligible for a membership or License and/or to participate in an Event, such individual must be at least 18 years of age and of sufficient age to participate in an Event and to sign an enforceable contract and/or a separate waiver and release form approved by INDYCAR.

B. INDYCAR may have additional or different eligibility requirements for a particular Event. INDYCAR in its discretion reserves the right to limit participation to an age greater than 18 or to require additional documentation as a prerequisite to participation.

C. No one under age 18 shall be permitted in pit lane during Events unless permitted by applicable insurance requirements and previously approved by INDYCAR and the Event Promoter.

2.11 Moral Fitness -

A. The past or current conduct of an applicant or Member can have adverse consequences to INDYCAR.

B. An applicant or Member must honestly answer questions raised by INDYCAR as to moral character.

C. Applicants and Members agree INDYCAR in its discretion may refuse a membership application or revoke a membership for any reason including but not limited to those related to personal conduct, decency and whether or

not any conduct of the applicant or Member creates adverse notoriety with respect to INDYCAR, the IZOD IndyCar Series or an Event.

2.12 Physical and Psychological Fitness -

A. INDYCAR may require any applicant or Member to complete a medical history form and/or complete and pass a medical examination as directed by Officials to determine physical and psychological fitness to receive a membership or License and/or to participate or continue in an Event. At any time, the Officials may require a Member to be examined by a designated medical professional at the Member's cost.

B. In addition to Competitors and Officials, any Member who is required to complete a medical history form and/or complete and pass a medical examination shall also be required to immediately notify INDYCAR medical professionals at any time if such Member takes, or is prescribed to take, any drugs or medication (whether or not prescription drugs or medication) and/or if such Member is diagnosed with any medical condition (including pregnancy) by any medical professional or such Member otherwise knows or suspects that the Member has a medical condition that may impair his/her ability to participate in an Event.

C. Each applicant and Member waives any and all claims regarding any medical examinations and/or examination results, and/or the use or disclosure of such examinations and/or examination results by INDYCAR, its agents and/or its medical professionals including without limitation claims of invasion of privacy and/or breach of confidentiality, notwithstanding whether such claims arise from strict liability, sole or contributory negligence of INDYCAR, breach of contract, or any other legal theory.

2.13 Medical Examinations and Treatment –

A. Examinations and/or treatment of Members, including emergency rescue, performed by medical professionals acting on behalf of INDYCAR are based upon a relationship established in the State of Indiana.

B. Members acknowledge that the medical professionals are acting pursuant to their contractual obligations with INDYCAR and are not acting or rendering personal medical services to the Members. Members acknowledge that they shall have their own personal physicians.

2.14 Fitness to Participate - Members acknowledge that while the INDYCAR medical professionals render an opinion as to fitness, the final determination of a Member's ability to participate is made by the Senior Official.

2.15 Substance Abuse – Members must not use or be under the influence of stimulants, depressants or tranquilizers including but not limited to alcoholic beverages and narcotics during an Event. All Competitors and Officials must complete and return to INDYCAR the current Substance Abuse Policy Authorization for Screening and/or Testing and Release. Every Competitor and Official, at all times, shall comply with the provisions of the Substance Abuse Policy.

2.16 Alcoholic Beverages, Illegal Substances and Unauthorized Weapons - The use or possession of alcoholic beverages, illegal substances or unauthorized weapons of any sort by a Member during an Event, as well as the presence of alcoholic beverages, illegal substances and unauthorized weapons on the Track or in other restricted areas during the Event, is strictly prohibited. Any Member violating this Rule may be disqualified and/or suspended and may be subject to additional penalties. Any Member who shows visible signs of exhaustion, physical or psychological impairment, or other physical or psychological irregularities may be disqualified and/or excluded from an Event and subjected to additional examinations and/or penalties.

2.17 Substance Abuse Policy –

A. Any Member may be required to undergo a physical or psychological screening, test or other examination which may include without limitation the collection of urine, blood, oral fluid/saliva, hair, breath and/or any other scientifically-acceptable method of analysis in order to be involved in and/or participate or continue in an Event, and such Member waives any and all claims of invasion of privacy and/or breach of confidentiality as set forth in Rule 2.12.

B. INDYCAR reserves the right to conduct targeted screening and/or testing and scheduled and/or random screening and testing for drugs and other substances at its discretion, and the Member agrees to submit to such screening and/or testing if requested. Screening and testing may be for any drug, medication or other substance including without limitation alcohol. INDYCAR may suspend or otherwise penalize any Member for failure to promptly cooperate with any such request for screening and/or testing. INDYCAR may also suspend or otherwise penalize any Member if the results of any screen or test are positive for any illegal substance or any substance that in the opinion of INDYCAR would enhance, impair or otherwise affect the Member's ability to be involved in and/or participate in an Event.

2.18 Violation of Laws – Being charged with a violation of the law, whether alcohol/substance abuse or any other laws, may be grounds for suspension or other penalty. Any Member charged with any violation of the law relating to alcoholic beverages or illegal substances, or charged with any felony, must notify the Senior Official prior to the next scheduled Event or within 72 hours of being so charged, whichever is earlier.

2.19 Medical Records - Each Member agrees and consents that in the event of injury or death arising in any way out of the Member's involvement and/or participation in an Event, INDYCAR may obtain access to and copies of any and all medical records of the Member related to such injury or death.

2.20 Memberships, Licenses and Credentials –

A. Prior to gaining access to restricted areas, each individual must have the necessary and appropriate credential. The holder of a membership, License or other credential shall produce it for inspection upon demand of any Official or security personnel at any Event along with any other document needed to confirm identification.

B. The annual credential consists of both the lanyard and the hard card. Use of one without the other invalidates the annual credential. In addition, a Member must not use a prior Event's, prior season's or other series' credential.

C. A membership, License or any other credential (including race mode) may not be disassembled, transferred, assigned, sold, altered or duplicated. It must be used only by the Member to whom it is issued. If a Member intentionally or unintentionally disassembles, transfers, assigns, sells, alters, duplicates or otherwise permits another individual or entity to use or attempt to use the membership, License or credential, then the Member may be penalized and shall indemnify and hold INDYCAR harmless from any loss or expense incurred by INDYCAR arising in any way from Member's action, even if Member asserts that INDYCAR's loss or expense is due to INDYCAR's negligence.

D. The Rules regarding memberships, Licenses and credentials are equally applicable to parking passes, Event credentials, golf cart passes, and all other privileges issued to a Member by INDYCAR or an Event Promoter not expressly transferable, assignable or eligible for sale.

E. INDYCAR may require an applicant and/or Member to provide a valid official government-issued identification including photograph and date of birth in order to receive or retain a credential. Acceptable identification includes but is not limited to state driver's licenses, passports, military cards, etc, but does not include identifications

issued by educational institutions.

F. Members are responsible for the conduct of their Participants and guests.

III. SANCTIONS/GOVERNING

3.1 Promotion of Events - INDYCAR will sanction/govern Race Events with an Event Promoter through an Event Agreement. The Event Agreement contains additional terms regarding the Race Event, such as those relating to postponement dates.

3.2 Event Promoter Responsibilities –

A. Event Promoters shall be responsible for designated operations of the Event including without limitation responsibility for obtaining and providing, at the Event Promoter's expense, insurance as required by the Event Agreement, safety precautions, services and vehicles for Competitors and spectators including medical/rescue personnel, equipment and facilities (such as ambulances, helicopters and examination facilities and equipment); physical condition of the Track; spectator control; and fire protection, all to meet or exceed the minimum requirements provided by INDYCAR and the ASN.

B. INDYCAR shall not be responsible or in any manner liable for any of the Event Promoter's responsibilities under the Event Agreement or the Rules even if the Event Promoter fails or refuses to perform such functions, duties and responsibilities, in whole or in part, or if INDYCAR voluntarily assumes performance of any or all of the Event Promoter's specific functions, duties and responsibilities.

3.3 Restrictions – Event Promoter shall not schedule any ancillary or supporting entertainment, events or activities that include racing activity on the Track during the Event without prior written approval by INDYCAR, in each instance.

IV.
**ENTRANT/DRIVER LICENSING AND
FREQUENCY/CAR REGISTRATION**

4.1 General -

A. Licensing criteria are available from the INDYCAR office and may vary depending on the particular on Track activity. Entrants and Drivers must remain in good standing to participate in an Event. All Licenses shall be made on provided forms and submitted for approval. INDYCAR and ACCUS-FIA (and another ASN, if applicable) in their discretion shall determine whether to approve and issue a License application. Applicant shall pay any and all costs associated with satisfying the License criteria. Driver Licenses are not transferable at any time; Entrant Licenses are not transferable without prior written approval.

B. Licenses are revocable at any time and for any reason. Without limiting the foregoing, Licenses for rookie drivers are granted on a temporary basis.

C. Licenses may be limited to a particular type of Events or for a specified period of time.

D. Licensed Entrants and Drivers are eligible to earn awards including without limitation TEAM award payments and points as described in the Rules.

E. Eligibility for a License shall be determined based on such factors as are indicative of the applicant's ability to participate satisfactorily in an Event.

F. Fees may be charged for Licenses.

(1) Fees are non-refundable. No fee or any part thereof shall be refunded to a licensee because the

licensee ceases to participate in Events regardless of the reason for such cessation.

(2) License fees are for an entire season and will not be pro-rated for any reason including without limitation for Members who begin participating after the first Event.

G. A License is valid only for the current season and/or as otherwise restricted. Unless otherwise noted, all Licenses shall expire on December 31 of the calendar year.

H. An applicant may protest or appeal denial of a Driver or Entrant License and membership application, grade of Driver's License, determination of rookie status or eligibility for a rookie orientation or refresher Test in accordance with the procedures set forth in Rules XII and XIII.

I. INDYCAR may continuously re-evaluate the eligibility and performance of a Driver or Entrant to determine if the Driver or Entrant shall remain licensed. As part of such evaluation, INDYCAR may consider input from Officials, Drivers and others as INDYCAR determines appropriate and may require a Driver or Entrant to participate in Testing under the observation of Officials, Drivers and others.

4.2 Entrant and Driver Licensing -

A. Entrant License -

(1) General –

(a) The individual signing the application represents that the individual is authorized to act on behalf of the named Entrant in all matters. Additional corporate representatives may be listed, and the authority of any individual may be limited. One corporate representative must

be present at Open Test and Race Events.

(b) If a corporate representative's status changes, an individual authorized to act on behalf of the Entrant may be required to submit a new application for that Entrant for approval. An Entrant may be required to submit another Entrant License fee and resubmit any other materials including but not limited to Leaders Circle Agreement, Entry forms, etc.

(c) Upon request, INDYCAR must be provided information satisfactory to INDYCAR regarding ownership of an Entrant.

(2) Eligibility -

(a) General – After receipt of the application, the Entrant's competitive viability will be assessed to determine whether to approve and issue the License. Factors taken into account may include:

(i) purchase and/or lease agreements with Manufacturers;

(ii) purchase and/or lease agreement for its shop; and

(iii) existence of employment agreements with key personnel including but not limited to manager, engineer, chief mechanic and Driver.

(b) Entry - Upon issuance of the Entrant License, the Entrant may submit Entry forms identified by the Car number assigned to that Entrant License. The Entry (Car with Driver) must display the Car number at all times during the Event, and all points and awards including

without limitation TEAM award payments earned by this Entry will be credited to that Car number unless otherwise determined by INDYCAR. An Entrant intending to compete with multiple Entries at a single Event must obtain an Entrant License with a unique Car number for each Entry or satisfy such other requirements as INDYCAR may prescribe.

(c) Chief Mechanic –

(i) Each Entry must have a chief mechanic.

(ii) The chief mechanic is responsible for the Car complying with the Rules.

(iii) The chief mechanic must be in the Car's assigned pit when the Car is on the Track and must accompany the Car during all technical inspection processes.

(iv) Entrant agrees its chief mechanic shall serve as an authorized corporate representative regarding all issues related to technical inspection.

(v) An Entrant shall replace its chief mechanic if INDYCAR in its discretion determines that the chief mechanic is not sufficiently qualified.

(d) Manufacturers – The Manufacturers may require an Entrant to enter into lease and/or purchase agreements in a form acceptable to the Manufacturers and meet other Manufacturer requirements before the Manufacturers are obligated to supply components to such Entrant.

B. Driver License -

(1) General –

(a) Licenses may be approved and issued to individuals determined eligible by INDYCAR in its discretion to compete in an Event and who otherwise meet the application requirements.

(b) The determination of whether the applicant may take a driver's Test and whether the applicant successfully completed the Test shall be made by INDYCAR in its discretion.

(c) INDYCAR and/or ACCUS-FIA (and another ASN, if applicable) in their discretion shall determine the grade of the License issued to a Driver.

(d) In order for a driver to compete in any Event, the driver must hold a Driver License and at any time may be required to:

i) participate in any INDYCAR required Testing and/or

ii) provide an updated resume, certified birth certificate, and/or

iii) furnish a current medical clearance acceptable to INDYCAR attesting to the driver's fitness for racing.

At any time, INDYCAR may require a foreign Driver to provide proof of United States residency and an international letter of authorization from the Driver's ASN.

(2) Eligibility –

(a) An applicant must have sufficient competitive driving ability and experience as

determined by the Senior Official in his discretion.

(b) INDYCAR's determination as to ability will take into account all such factors as INDYCAR deems relevant. The criteria taken into account by INDYCAR are listed below. The criteria are subject to change at any time. An applicant must contact INDYCAR for the current Race-specific criteria.

(c) INDYCAR may require the applicant to provide:

(i) A current resume containing a complete history of the applicant's competition to date and demonstrating the applicant's ability to properly handle the Car;

(ii) A letter of recommendation from the race director of the series in which the driver last competed; and

(iii) Such other information as INDYCAR may request.

(d) **Medical Information** - The applicant must provide the medical information required by INDYCAR and must successfully complete any INDYCAR-prescribed physical and psychological examinations, which may include without limitation eye, neurological and substance abuse screening and/or testing.

(e) **Rookie, Rookie Orientation Test and Refresher Test – General**

(i) **Rookie** - INDYCAR in its discretion shall determine whether a Driver is a rookie. If a Driver begins the season as a

rookie, he/she remains a rookie until the end of the season.

(ii) Rookie Orientation Test – An applicant must demonstrate Car control, placement and a consistent driving pattern. INDYCAR may require additional Testing including without limitation Testing in close proximity to other Cars, before an applicant may be permitted to participate in an Open Test and/or Race.

(iii) Refresher Tests - An applicant including but not limited to a driver who has not participated as a Driver in an Event during the past 12 months may be required to successfully complete a refresher Test. In lieu of a refresher Test, INDYCAR in its discretion may require an applicant to successfully complete a rookie orientation Test.

(iv) Costs – An applicant shall pay all costs incurred by INDYCAR relating to such Tests.

(f) Rookie, Rookie Orientation Test and Refresher Test - Indianapolis 500 Mile Race Event

(i) Rookie - A Driver is a rookie at the Indianapolis 500 Mile Race Event if the Driver has not participated in a previous Indianapolis 500 Mile Race.

(ii) Rookie Orientation Test - Successful completion of a rookie orientation Test at another facility and/or participation in an Event does not satisfy this requirement.

INDYCAR shall hold a mandatory driver and team manager meeting prior to the beginning of the rookie orientation Test session. At this meeting, INDYCAR will announce the speed phases and other requirements for the rookie orientation Test.

In addition to Car control, placement and a consistent driving pattern, the rookie orientation Test shall consist of 40 laps: four phases of 10 laps per phase. The laps do not have to be consecutive. The phases and corresponding speeds will be determined based on Track/weather conditions.

Veteran drivers shall be posted around the facility to observe Track activities. Drivers will be permitted time to practice after the completion of one phase and before beginning the next phase.

Rookie Drivers must successfully complete a minimum of three of the four phases to be eligible to participate in practice when the facility opens for practice. No rookie Driver will be eligible for a qualifications attempt prior to completing the final phase.

(iii) Refresher Test – If a Driver has not participated in the IZOD IndyCar Series since the prior year's Indianapolis 500 Mile Race, the Driver must contact INDYCAR to determine if any Testing shall be required.

In addition to Car control, placement and a consistent driving pattern, the refresher Test consists of the 20 laps that make up

the third and fourth phases of the rookie orientation Test. No such Driver will be eligible for a qualifications attempt prior to completing the refresher Test.

(iv) Rookie Orientation and Refresher Tests - Except as otherwise approved by INDYCAR, rookie orientation Tests shall only be conducted during the designated times/dates.

(3) Relief Driver - With INDYCAR approval, an Entrant may change Drivers during a Race. In such case, a relief Driver is the Driver who replaces the original Driver who started the Race in the Car.

4.3 Radio and Wireless Frequency Registration - All Members agree INDYCAR owns all voice, data and telemetry collected by or on behalf of INDYCAR including without limitation all voice, data and telemetry from radio and wireless data frequencies.

A. Radio Frequencies – Each Member transmitting or receiving any signal including but not limited to voice, data and telemetry, but excluding Internet related WiFi (regulated pursuant to Rule 4.3(B)) shall:

- (1)** Provide the specifications (e.g., manufacturer, make, model, serial number) of the radio to be used in the Car to the INDYCAR-designated representative prior to the first Race;
- (2)** Not password-protect or otherwise affect the INDYCAR-designated representative's ability to read the radio to be used in the Car at any time;
- (3)** Notify the INDYCAR-designated representative immediately upon changing any of the specifications of the radio to be used in the Car;
- (4)** Register all such frequencies, including primary and backup Car frequencies, with the INDYCAR-

designated representative at each Event according to following schedule:

(a) Non Indianapolis 500 Mile Race Events – a minimum of 24 hours prior to the start of an Event; and

(b) Indianapolis 500 Mile Race Event –

(i) by 12:00 p.m. on the Friday preceding qualifications, and

(ii) by 12:00 p.m. on the Wednesday preceding the Race.

(5) Notify the INDYCAR designated representative immediately upon changing primary Car or crew frequency;

(6) Operate all such frequencies in the 450 – 470 mhz UHF spectrum with a 12.5 channel spacing;

(7) Not encrypt or digitize any Car or crew communications on Race day;

(8) Consent, and hereby does consent, to the taping and/or rebroadcast by INDYCAR or its designee of any such transmissions through any and all media and for any and all purposes; and

(9) Comply with all applicable laws regarding such use, and indemnify and hold INDYCAR and its designees harmless with respect to failure to comply with applicable laws, even if the violation involves INDYCAR's or its designee's sole or contributory negligence.

B. Wireless Data Frequency (“WiFi”) - Each Member transmitting or receiving any signals for wireless data transmissions shall:

(1) Register the frequency and sub-level channels with the INDYCAR-designated representative at each Event according to the following schedule:

(a) Non Indianapolis 500 Mile Race Event – a minimum of 24 hours prior to Cars on the Track at each Event, and

(b) Indianapolis 500 Mile Race – by the designated time/date;

(2) Notify the INDYCAR-designated representative immediately upon changing frequencies or sub-level channels;

(3) Coordinate and modify frequencies for use with other wireless data networks as specified by INDYCAR; and

(4) Comply with all applicable laws regarding such use, and indemnify and hold INDYCAR and its designees harmless with respect to failure to comply with applicable laws, even if the violation involves INDYCAR's or its designee's sole or contributory negligence.

4.4 Car Registration – A Car may compete only in the Events in which the Car is entered. The Entry form must establish the Entrant's right to enter the Car in the Event and include proof of ownership of the Car acceptable to INDYCAR upon request. After receipt of the Entry form, INDYCAR may examine the Car. INDYCAR will use two unique numbers to identify the Car:

A. Registration Number (serial number) – The unique number assigned by the chassis Manufacturer.

B. Car Number – INDYCAR will assign to each Entrant License (not Driver License) a unique Car number. The Car number may consist of a maximum of three spaces,

two of which may be numeric digits and one of which may be an alphabetic letter. Car numbers 1 and 01 will be reserved for the defending Entrant (not Driver) series champion.

(1) All Car numbers are owned by INDYCAR. No Member has a right to or ownership interest in a Car number. An Entrant may not sell or assign a Car number without the prior written consent of INDYCAR.

(2) Assignment, or reassignment, of Car numbers is in the discretion of INDYCAR and may not be protested or appealed. All Entrants desiring a particular Car number must make a written request. INDYCAR will not guarantee a request will be granted.

(3) After a Car number is assigned to a particular Entrant License, it will remain with that Entrant License until the end of the season, provided that Entrant enters a Car and displays the Car number on the Car at each Event. If the Entrant does not enter a Car and/or display the Car number on the Car at an Event, INDYCAR may reassign the Car number.

(4) Indianapolis 500 Mile Race Event - "T" numbers are assigned to an Entrant's second (or backup) Car incorporating the Car number of the first (or base) Car. Any Car which displays a "backup" Car number must display the single letter "T" in a 5 inch minimum height adjacent to and behind the Car number in all required number locations. The "T" must be displayed throughout all practice sessions and/or qualifying unless otherwise approved by Officials.

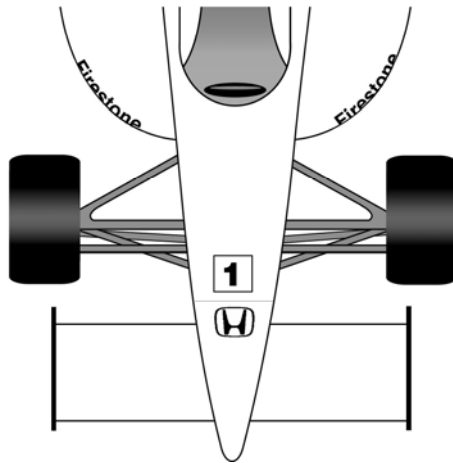
(5) The required numbers must be clearly visible as determined by Officials. All aspects of the Car number including but not limited to width, color, font

and slant, must be approved by INDYCAR prior to use. Unless otherwise approved by INDYCAR, the required Car number areas must be free of all other decals, trim and decorations.

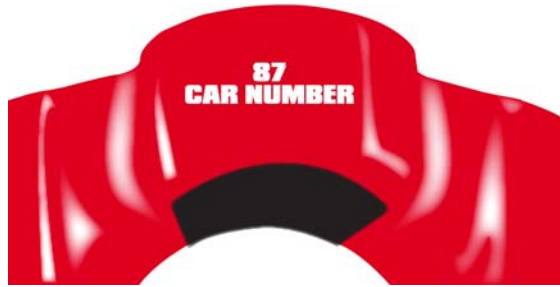
(6) Each Car must provide the following minimum size rectangular "blank space" areas in specific locations for the display of required Car numbers of specific minimum sizes.

(a) **Left and Right Rear End Fences** – The minimum height of the numeric digit must be 12 inches, and the minimum height of the alphabetic letter must be 6 inches.

(b) **Nose** – The numeric digit must be 8 inches tall, and the alphabetic letter must be 4 inches tall. The Car number must be located in an INDYCAR-approved location. (See **Illustration**).



(d) Headrest - The Car number must be a minimum dimension of 1 inch by 1 inch. The Car number must be located on top of the headrest behind the Driver's helmet with black numbers on a white background (**See Illustration**).



(e) **Tub** - The Car number and Driver's first and last name must be 1 inch tall each. They must be located directly behind the headrest and on the tub and appear in white lettering (See **Illustration**).



(7) Car Names - A Car must have a name that shall be identified on the Entry form. The Entrant represents to INDYCAR that it has the right to use that Car name. The Car name is subject to the approval of INDYCAR and must not exceed 35 characters, including all spaces and punctuation.

(8) Car Appearance – INDYCAR has the right to control the appearance of Cars to distinguish one Car from another. This may include but is not limited to Car color. Cars are required to display significantly different colors. In general, INDYCAR may require different color schemes on any four of the following seven components:

- Mirror housing;
- Air intake;
- Roll hoop camera cover;
- Front and rear wing end fences;
- Leading edge of the front wing;
- Leading edge of the rear wing; or
- Attenuator.

V.
ENTRIES

5.1 General - All Entry applications shall be completed on forms provided by INDYCAR in the form required by INDYCAR and shall be subject to the approval of INDYCAR. Entries are not transferable without the prior written approval of INDYCAR.

A. An Entry consists of an Entrant, Driver and numbered Car. At the Indianapolis 500 Mile Race Event, an Entry may include a backup Car with a backup "T" number.

(1) Entrant -

(a) An approved Entry serves as the authorization to compete in a specific Event(s) on behalf of the specific Entrant to whom the Car number is assigned.

(b) If an Entrant participates in an Event without having properly submitted a fully-executed Entry form, the Entrant, by such participation, nevertheless agrees that the Entrant is subject to all Rules, and all statements, releases and obligations appearing in the Entry form for the Event, as if the Entrant had properly submitted a fully-executed Entry form.

(2) Driver -

(a) Each Entry form must list a Driver.

(b) Another Driver may be substituted for the original Driver, provided notification is given to INDYCAR and INDYCAR approves the substitution. Approval may be granted or withheld in the discretion of INDYCAR.

(3) Car -

(a) Participation of a Car in an Event - In order to participate in an Event, the Car must be properly entered and be designated and explicitly identified by Car number on only one Entry form for that Event. Any Car participating in an Event while in noncompliance with the above requirements may be disqualified, and any Competitor who causes such noncompliance may be disqualified and/or otherwise penalized by INDYCAR.

(b) Car Substitution during an Event (“Backup Cars”) -

(i) An Entrant’s Backup Car must remain on the transporter without an Engine installed. The Backup Car may only be removed, have an Engine installed and used in any on Track activities during the Event with prior approval by INDYCAR.

(ii) An Entrant is permitted to remove its Backup Car from its transporter and install an Engine, provided the Entrant is scheduled to participate in another INDYCAR approved activity within the next 7 days.

5.2 Fee - Entry fees must be paid as directed by INDYCAR.

5.3 Deadline - The Entry deadline shall be stated on the Entry form. Unless otherwise specified on the Entry form, the hour of closing shall be 5pm E.D.T. INDYCAR may accept or refuse to accept late Entries. Late Entrants, if accepted, may be penalized by INDYCAR.

5.4 Electronic Entries - An Entry by computer, facsimile or other means delivered by the Entry deadline may be accepted

in INDYCAR's discretion, provided it is subsequently accompanied by the original completed Entry form and Entry fee within 48 hours of INDYCAR's receipt of the electronic Entry or as otherwise directed by INDYCAR.

5.5 Reopening of Entries - If INDYCAR postpones an Event, INDYCAR may authorize the reopening of Entries. Reopened Entries shall close not less than 48 hours before the declared starting time of the postponed Event.

5.6 Failure to Participate - Any Driver, Entrant or other Member who by Entry form or other means has agreed to participate in an Event may be penalized for failing to participate.

5.7 Entry Change – All changes to an approved Entry form shall be completed on INDYCAR provided forms and subject to approval by INDYCAR prior to the Entrant's Car participating in any on Track activities.

VI. TESTING

6.1 In General – Members are only permitted to conduct Testing in accordance with this Rule VI.

A. “Test” is defined as any period during which a Member conducts any Testing.

B. “Testing” is defined as the use of the chassis, Engine, transmission, and tires, separately or in any combination during a period other than a Race weekend.

C. “Use” is defined as being propelled under power generated by the Engine.

6.2 Approved Testing –

A. “Open Test” – An Open Test is a Test organized by INDYCAR to which all Entrants are invited to participate. It includes without limitation the following:

- a. **Barber** – 2 days on Track
- b. **Kentucky** – 1 day on Track

B. “Manufacturer Test” – A Manufacturer Test is a Test organized by a Manufacturer to which selected Entrants are invited to participate.

C. “Private Test” – A Private Test is a Test organized by a Leaders Circle Entrant and subject to the following restrictions.

(1) Driver Eligibility – Any combination of Drivers may participate in a Private Test. The Driver is not required to be the Entrant’s current

Driver. The Driver may be an IZOD IndyCar Series Driver or a Firestone Indy Lights Driver pre-approved by INDYCAR.

(2) Amount of Testing – The amount of Testing is determined by the Entrant’s status in the Leaders Circle program and the number of Leaders Circle Entries per Team.

(a) Single Entry Team – Each Leaders Circle Entrant is permitted 800 miles or six days of Testing (whichever occurs first) and 18 sets of tires.

(b) Multi-Car Teams

i. Two Entry Team - Each Leaders Circle Team that has two Leaders Circle Entrants is permitted 1200 miles or six days of Testing (whichever occurs first) and 26 sets of tires.

ii. Three or More Entry Team - Each Leaders Circle Team that has three or more Leaders Circle Entrants is permitted an additional 200 miles of Testing and four sets of tires per Leaders Circle Entry above two.

Rain tires and tires for straight line Testing are included in the above tire allocations.

D. “Bonus Miles” - Each Leaders Circle Entrant may be eligible to earn Bonus Miles in accordance with this Rule.

1. A Leaders Circle Entrant may conduct Testing with an IZOD IndyCar Series Car driven

by a Firestone Indy Lights Driver pre-approved by INDYCAR.

2. For each 200 miles of Testing completed in accordance with Rule 6.2(D)(1), the Entrant shall earn an additional 100 miles of Testing ("Bonus Miles") to be completed with an IZOD IndyCar Series Car driven by an IZOD IndyCar Series Driver. The Entrant will be allocated four sets of tires for use in connection with each 200 miles of Testing in accordance with Rule 6.2(D)(1). The Entrant will be allocated two sets of tires for use in connection with each 100 Bonus Miles.

3. Each pre-approved Firestone Indy Lights Driver may Test a maximum of 600 miles or three days (whichever occurs first) with any one Team but may Test with more than one Team.

4. Bonus Miles may only be used after they have been earned.

5. This Testing is in addition to any other Testing. In other words, a Leaders Circle Entrant may conduct this Testing even if it has utilized all of its other Testing opportunities with an IZOD IndyCar Series Driver.

E. "Rookie Test" – Each Leaders Circle Entrant with a rookie Driver is allowed an additional 400 miles or 3 days of Testing (whichever occurs first) and 8 additional sets of tires, both of which must be used for Testing by the rookie Driver.

F. Testing By New, Full and Partial Season Entrants – Non Leaders Circle Entrants may be allowed Testing at the discretion of INDYCAR.

G. Tunnel Testing and Rig Testing – Members may

participate in tunnel Testing and rig Testing (collectively, "Straight Line Testing"). Except as provided below, all provisions of Rule VI shall apply to Straight Line Testing:

1. Straight Line Testing can only be conducted with Engines provided by the Engine Manufacturer or its designee. Mileage incurred during Straight Line Testing will not count toward the Entrant's test mileage total limit in Rule 6.2(C)(2).
2. Each Entrant is permitted four days of Straight Line Testing which will not count toward the Entrant's test day total limit in Rule 6.2(C)(2).
3. Participants in Straight Line Testing are not eligible for INDYCAR's participant accident insurance coverage.
4. Straight Line Testing must be pre-approved in accordance with Rule 6.3(E).
5. Violation of this Rule may result in the loss of 2011 championship Entrant and/or Driver points for any combination or all of the Team's Entries accumulated at the time of the violation and/or a monetary fine not to exceed \$500,000.

H. INDYCAR-Approved Venues – Tests may only occur at the following INDYCAR-approved venues:

1. All 2011 IZOD IndyCar Series Race venues, except Indianapolis Motor Speedway and street course venues
2. Firebird East Test Track
3. Phoenix International Raceway

(Oval Course)

4. Homestead Miami Speedway
(Oval/Road Course)
5. Sebring International Raceway
(Road Course)
6. Houston Motorsports Complex
7. Palm Beach International Raceway
8. California Speedway (Oval)
9. Michigan International Speedway (Oval)
10. Nashville Superspeedway (Oval)
11. Richmond International Raceway
12. Kansas Speedway (Oval)
13. Chicagoland Speedway (Oval)
14. Watkins Glen International

This Rule does not apply to Open Tests (which shall be conducted only at venues designated by INDYCAR) or any Straight Line Testing.

(6) Testing Periods – In general, Testing is not permitted within 7 days prior to the start of the Race weekend at a facility where a Race is being held. (e.g., first practice Friday / Testing concludes end of the day Thursday week prior). In addition, Testing is not permitted on the following days:

- (a) January 1, 2011 - January 14, 2011
- (b) April 21, 2011 – May 6, 2011
- (c) May 15, 2011 – May 29, 2011

(d) September 8, 2011 – September 22, 2011

(e) October 17, 2011 – October 21, 2011

(f) November 21, 2011 – November 29, 2011

(g) December 14, 2011 – December 31, 2011

6.3. Additional Testing Restrictions –

A. Members agree to provide a minimum of one hour of media availability per Test day.

B. Except as otherwise provided in this Rule VI, Testing miles, days and/or tire allocations may be used by any combination of a Team's Drivers. They may not be assigned, sold or otherwise transferred to another Team.

C. Except as otherwise provided by INDYCAR, any Member Testing at a facility must permit other Members to Test at the facility on the same date (up to the maximum number permitted by the facility).

D. Testing requests for any purpose other than as set forth in this Rule VI (for example, for filming commercials) must be submitted to INDYCAR for approval. If a Test is approved, INDYCAR may establish conditions for approval including without limitation requiring the presence of an Official.

E. All Testing must be INDYCAR approved. The request is required a minimum of 21 days prior to a Test.

F. Members shall not Test in simultaneous on-Track activity with any non-IZOD IndyCar Series vehicles (including without limitation Firestone Indy Lights cars).

G. Testing can only be conducted with tires provided by the tire Manufacturer.

H. An INDYCAR approved testing facilitator must be

present at all Tests.

VII. ON TRACK PROCEDURES

7.1 General

A. Track Conditions - The Senior Official determines the Track Condition.

1. Track Conditions include the following:

a.Green Condition - The green condition signifies racing conditions.

b.Yellow Condition – The yellow condition signifies caution.

i.Oval Events – All Cars must slow down.

a.Practice - The Drivers shall reduce speed immediately, maintain position, yield to safety vehicles and/or personnel and return to their assigned pits. All times posted during the lap shall be voided.

b.Qualifications - A qualifications attempt is stopped.

ii.Road/Street Course Events

a.Local – Drivers should reduce speed and be prepared to stop. Passing is not permitted between the first yellow condition and the subsequent green condition.

b.Full Course - Waving double yellow flags is greater danger. Racing ceases. Drivers must reduce speed immediately.

During practice and qualifications, all times posted during the full course yellow condition shall be voided.

iii. All Events – During a Race

a.All Drivers are required to slow to caution speed, maintain position and yield to safety vehicles and personnel. The Safety Car will pick up the leader. All other Drivers are required to form a single file line, nose to tail (“packing up”) behind the Race leader. The Senior Official in his discretion shall determine if the leader or any other Car fails to pace the Race as directed. The Senior Official in his discretion shall determine the type and timing of any penalty as he deems appropriate. Such decision is not subject to protest and/or appeal.

b.Upon the commencement of a yellow condition, the pit lane is closed.

i. Any Driver at or past the pit commit line prior to commencement of the yellow condition may make a pit stop and exit the pit lane with caution.

ii.Any other Driver entering the pit lane may avoid penalty by proceeding through the pit lane without stopping. If work is performed on the Car, the Car must return and a full stop (tires and fuel) must be performed once the pits open.

iii.The pit lane shall remain closed until the Senior Official declares the pit lane open.

c. The pit lane will start and end at points designated by Officials. The pit entrance and pit exit lanes are considered part of the Track. Drivers exiting the pit lane shall rejoin the pack relative to the position they are to the Safety Car and/or Cars on Track as they cross the blend out line. Taking improper position upon leaving the pit lane or failure of a Driver and/or Entrant to follow the direction of Officials may result in a minimum one lap penalty. The Official's determination of the order is not subject to protest or appeal.

d. A Car may not use pit lane to improve its position relative to the Safety Car or any Car remaining on the Racing Surface, but a Car may improve its position relative to other Cars in pit lane.

e. Laps completed will be scored, unless stated otherwise.

c. Red Condition – The red condition signifies racing conditions are no longer in effect.

i. Competitors must proceed cautiously to a location designated by Officials.

ii. Unless otherwise instructed by Officials, no work is permitted on the Cars, except Entrants may plug in a booster battery and apply towels to bodywork.

2. The decision as to whether to declare a green, yellow or red condition may not be protested or appealed.

3. While additional information regarding Track Condition is included in the Flag Code section for convenience, this information is equally applicable to

the other systems of notification (Track Lights, Race Control Frequency and Track Condition Radio).

B. Decisions by the Senior Official are effective at the time he declares his decision, regardless of the time the declaration is received by the Competitors. INDYCAR uses multiple systems to notify Competitors of such decisions. All Competitors shall react to the first notification they receive. The systems include the following:

- 1. Track Lights** – Green and/or yellow lights positioned around the Track above the outside retaining wall adjacent to the debris fence.
- 2. “Race Control Frequency”** – The radio frequency used by INDYCAR to provide direct communication to Entrants during Events. The spotter (if applicable) and a representative of the Entrant in the Entrant’s pit must both monitor it. Entrants failing to monitor it shall be charged with knowledge of communication on such frequency and are subject to penalty. Competitors failing to follow directions may be penalized.
- 3. Track Condition Radio (“TCR”)** - All Cars must use the INDYCAR-supplied TCR and wiring harness without modification.
 - a. Oval Events** - The TCR signals a yellow condition.
 - b. Road/Street Course Event** - The TCR signals a full course yellow or red condition.

4. Flag Codes (“Flags”) –

a. Green: signifies a green condition.

i. All Events

i. Practice – A practice session has begun.

ii. Qualifications - A qualifications attempt or segment has begun.

iii. Race – Unless otherwise instructed, a Race has begun.

ii. Road/Street Course Events Only- The Track downstream of a yellow condition is clear.

b. Yellow: signifies a yellow condition. During Road/Street Course Events:

i. Local – A stationary yellow flag is shown at a marshal’s post.

ii. Full Course - Double yellow flags shown at a marshal’s post.

c. Black - The Driver shall proceed to the pit area on the next lap and follow the instructions of Officials.

1. The Senior Official may declare a black flag for a Car if he determines that:

a. Any condition exists which could cause the Driver or the Driver’s Car to create a hazard to the Driver or others;

b. Upon request by the Entrant in the event of loss of radio communication; or

c. If the Driver has violated the Rules.

2. When a Driver is ordered to the pit lane because of a hazardous condition of the Driver's Car, the proper repairs must be made and approved by Officials before the Car will be permitted to continue in the Event.

3. In the event of a violation of the Rules, the black flag may be declared to impose a penalty (a "black flag penalty") which may include repositioning Cars or requiring a Driver to:

a. Drive through pit lane at pit lane speed limits ("drive through");

b. Stop in pit lane ("stop and go"); or

c. Stop in pit lane for a prescribed period ("detention").

4. The Senior Official shall determine the type and length of any black flag penalty. The penalized Car shall proceed to the pit lane as directed by Officials and may return to the Race only upon the declaration of Officials. In the case of a Driver violating the Rules, no work may be performed on

a Car during the execution of a black flag penalty. Should any such work occur, the conditions of the penalty are unfulfilled and the penalty procedure must be executed again in its entirety on a subsequent lap. The penalty may not be protested and/or appealed.

d. Black with White Cross - Officials have ceased scoring the Car until further notice.

e. Blue Flag - An approaching Car is attempting to overtake and the Car being signaled must give consideration to the overtaking Driver.

f. White

i.Oval Events

1. Qualifications - The Car has commenced its last lap.

2. Race - The leader has commenced the leader's last lap and will continue to be displayed to all successive Cars as they cross the finish line.

ii.Road/Street Course Events

1. Practice/Qualifications - A Car is not at speed on the Racing Surface.

2. Race - When displayed from the starter's stand, the leader has commenced his/her last lap and will continue to be displayed to all successive Cars as they cross the finish line.

g. White with Red Cross - Safety vehicles and/or personnel are on Track.

h. Alternating Red and Yellow Stripes - Oil, water or other substance has altered the Racing Surface.

i. Checkered - The practice session, qualifications or Race is completed. The checkered flag will be displayed to the Race leader upon completion of the Race leader's last lap and will continue to be displayed until each Car running has received the checkered flag.

j. Red – signifies a red condition.

i. Unless otherwise declared by INDYCAR, a Race stopped by the declaration of a red condition will be considered incomplete unless more than 50% of the scheduled number of laps has been completed by the Race leader. If INDYCAR schedules the continuation of the Race on a subsequent date or a later time, the Race will be restarted beginning with the unfinished portion of the scheduled number of laps.

ii. If a Race is stopped by the declaration of a red condition and more than 50% of the scheduled number of laps have been completed by the Race leader, the Race may be considered complete in INDYCAR's discretion, and final standings will be determined by ranking all Cars in order by total laps completed and sequence of completion through the last official Race lap.

iii. Officials will make reasonable effort to restart a Race stopped by the declaration of a red condition if the conditions warrant.

iv. The Senior Official's decision to restart or not to restart a Race stopped by the declaration of a red condition may not be protested or appealed.

7.2 Timing and Scoring

A. Race Distance and/or Time Limit

1. INDYCAR shall announce the scheduled number of laps and/or time limit prior to the start of a Race.

2. If INDYCAR determines that there are time limitations due to weather, curfew, or otherwise, INDYCAR may move the start time of a Race, shorten the distance of a Race, set a maximum time for a Race, or take such other actions as it deems appropriate in its discretion.

B. Systems

1. The electronic scoring system is the primary scoring record. INDYCAR will record the physical sequence in which each Car crosses the start/finish line, including in pit lane.

2. At Oval Events, the serial scoring system is a backup scoring record.

3. Other substantiating scoring systems may be used at the discretion of Officials.

4. If the Senior Official cannot visually determine the position of a Car relative to other Cars, the Senior

Official may consult with other Officials and access such other data as he determines necessary or appropriate to assist him in determining the order of the Cars.

C.Start/Finish Line - The scoring of Cars shall begin at the moment when the timing transponder of the lead Car reaches the starting line and the declaration of the green or yellow condition has been given by the Senior Official.

1.Oval Events and Indianapolis 500@ Mile Race - A single start/finish line will be defined across the Track, and extended across the pits where appropriate, in the immediate area of the starter's stand.

2.Road/Street Course Events - INDYCAR in its discretion may designate separate start/finish lines.

D.Lap Credit

1.A Car will be credited with a lap when its timing transponder crosses the start/finish line after completing one entire lap of the Track with two wheels of the Car having remained on the Racing Surface at all times, as determined from the scoring records. Notwithstanding the foregoing:

a.If a Car returns to pit lane under its own power and retires from the Race, INDYCAR in its discretion may credit the Car with completion of the lap.

b.On the last lap of a Race, a Car will be officially credited with a lap when any part of the Car crosses the finish line.

c.A Car will not be permitted to advance or maintain its position relative to other Cars due to an excursion off the Racing Surface unless the excursion was due to the Car taking evasive

action.

2. A Car shall be considered the first Car out of the Race and shall be awarded the final finishing position based on the following order:

a. The Car is a non-starting Car pursuant to Rule 10.3(E).

b. The Car does not leave the starting grid and does not return to the Race,

c. The Car drops out during the parade or pace laps, or

d. The Car drops out of a Race before completion of the first lap.

In the event more than one Car is affected in one of the above categories, INDYCAR shall rank such Cars based on their original starting grid positions.

3. Final standings will be determined by the sequence in which the Cars completed the scheduled number of laps.

a. Except as provided in Rule 7.2(D)(1)(b), a Race will be completed by the Race winner at the moment the timing transponder of the Car crosses the finish line on the last lap. The Race will be completed by each other Car when the timing transponder of each Car crosses the start/finish line after the Race leader. Scoring will thereafter cease, and the Race is completed. Officials' decision may not be protested or appealed.

b. Cars not completing the scheduled number of laps will be ranked in order by total laps completed and sequence of completion, whether

the Car is still running or not. The Senior Official shall determine the “reason out” for each Car not listed as running. The Senior Official’s decision may not be protested or appealed.

E. Ties

1. In the event the scorers are unable to conclusively determine any difference in the physical sequence for two or more Cars at the end of a Race, Officials shall determine the finishing positions based upon the Cars’ positions at the finish line on the prior lap.

2. In the event two or more Cars post the identical number of laps led in a Race, the Car finishing the Race in the higher/highest position will earn the two points or award for most laps led.

3. The Senior Official’s decisions are not subject to protest or appeal.

7.3. Pit Locations, Pit Equipment, Pit Personnel, Pit Access, Pit Procedures, and Pit Penalties

A. Pit Selection

1. **Non Indianapolis 500 Mile Race Events –** Except as otherwise provided in the Rules, pit locations for a Race Event shall be selected by an Entry based upon the Entry’s position in the qualifications results (inclusive of penalties) at the immediately prior similarly configured Race venue (Oval qualifications results for Oval pit location and Road/Street Course qualifications results for Road/Street Course pit location) beginning with the pole position Entry selecting its pit location first and continuing through the qualifications results.

a. A Team shall not have the option to

average any combination of its Entries.

- b. If an Entry did not participate at the prior similarly configured Race venue, it shall be ranked at the end of the pit selection order by blind draw.
- c. INDYCAR in its discretion shall determine the time and place for the pit selection. INDYCAR shall assign a pit location for any Entry not represented at the designated pit selection time and place.
- d. If the Event is the first Event of the season, pit locations shall be selected by an Entry based upon the Entry's position in the prior end of season Entrant point standings. INDYCAR in its discretion shall determine an Entrant or Entry's eligibility. Entries without points shall be ranked at the end of the point standings by blind draw.
- c. If qualifications do not occur at a prior similarly configured Race venue, pit locations for the subsequent similarly configured Race venue shall be selected based upon the starting positions established at the prior Race Event pursuant to Rule 8.1(G)(1).

2. Indianapolis 500 Mile Race Event:

- a. **Practice** - Pit locations shall be selected by an Entry based upon the Entry's position in the current Entrant point standings. A Team shall have the option to average any combination of its Entries so as to group them together in pit lane. INDYCAR in its discretion shall determine an Entrant or Entry's eligibility. Entries without points

shall be ranked at the end of the point standings by date of Entry receipt. INDYCAR in its discretion shall determine the time and place for the pit selection. INDYCAR shall assign a pit location for any Entry not represented at the designated pit selection time and place. Following the conclusion of practice on Friday, May 20th, an Entry's pit equipment must be moved from the Practice pit location to the Qualifications pit location.

- b. **Qualifications** – Pit locations shall be assigned by INDYCAR based upon the position of the Entry's primary Car in the initial qualifications draw. The pit location for the first primary Car will be the first pit north of Gasoline Alley and continue north through the selection order. Three Cars will be assigned to two pits. A Team shall not have the option to average its Entries. The pit locations will be distributed after the draw is completed, and Entrants may move their pit equipment to their qualifications pits at that time. The same pit assignments will be in place for Pole and Bump Day.
- c. **Carburetion Day/Race Day** - Pit locations shall be selected by an Entry based upon the Entry's qualifications time (in the case of Pole Day, only times used in Segment One shall be used) at the close of qualifications on Bump Day. A Team shall have the option to average any combination of its Entries so as to group them together in pit lane. INDYCAR in its discretion shall determine the time and place for the pit selection. INDYCAR shall assign a pit location for any Entry not represented at the designated pit selection time and place.

After the close of Qualifications on Sunday, May 22nd, an Entry's pit equipment must be moved from the Qualification pit location to the Race day pit location.

B. Pit Equipment

- 1.** All Cars must be centered in their assigned pits. The outer point of the inside rear tire must not exceed a maximum of four feet (48 inches) from the front face of the pit wall. The Car must be parallel to the pit wall.
- 2.** All nitrogen bottles must be securely fastened and have a cage device or other container approved by Officials to protect all valves and regulators. All nitrogen bottles must be returned to the designated location at the conclusion of each Event.
- 3.** Equipment and tires on the Track side of pit wall must be attended by a crew member at all times. The outside front tire changer must have his/her foot on the tire until the Car enters the pit.

C. Pit Personnel -

- 1.** No individual shall stand or sit on the pit wall.
- 2.** For each Car, a maximum of six crew members plus the Driver are permitted on the Track side of the pit wall at any one time when the Car is making a pit stop. They may assume their positions immediately before the Car arrives.
- 3.** For all activities involving the quick disconnect fuel system during practice, the Engine must be shut off and all Competitors participating in the activity must wear the clothing and shoes specified in Rule 1.2(H)(2)(a).

4. Except during a pit stop, no personnel or pit equipment, including tires, may be on the Track side of the pit wall.

5. Except as otherwise provided by the Rules, all personnel and equipment must remain within the assigned pit.

D. Pit Access - Cars will not be permitted to enter or exit the garage area under their own power. They must be pushed or towed with a Member in the Car who is able to access the brake pedal at all times.

E. Pit Procedures

1. A speed limit will be enforced during Events within the pit lane areas defined by painted lines, cones and/or other visible markings. The pit speed limit, not to exceed 60 mph, will be announced prior to the first practice session.

2. A Driver who passes the Driver's assigned pit by more than one pit must continue around the Track and stop on the next available lap.

3. A Car may not be pushed more than two pits beyond its assigned pit during a Race.

F. Pit Penalties – The following matters and any others which may be determined by the Senior Official in his discretion are cause for a Car to be penalized:

1. Failing to follow designated procedures entering or exiting the pit area, including the acceleration and deceleration lanes;

2. Permitting two wheels or more of a Car to leave the designated pit entrance lane, pit lane or pit exit lane;

3. Leaving the assigned pit with air hoses, fuel hoses, air impact wrenches or other equipment attached to or hanging from the Car;

4. Permitting any portion of the Driver's Car to pass over or under any air line or hose or any other equipment;

5. Permitting the Car to come into contact with pit equipment, other Cars and/or personnel outside of standard pit stop procedures;

6. Permitting more than six crew members to be on the Track side of the pit wall during a Race; or

7. Permitting the Car to enter a pit other than the Car's assigned pit.

Penalties for violations of this Rule include, but are not limited to, a black flag and/or exclusion from the Event. No such decisions may be protested or appealed.

7.4 Race Start

A. All Drivers must place their Cars in their respective positions on the parade and pace laps. If a Car experiences mechanical difficulty, the Car may return to its original starting grid position any time prior to the conclusion of the parade lap. After this time, the Car shall be moved to the rear of the starting grid. If more than one Car is so affected, the Senior Official shall determine the order at the rear of the starting grid as he deems appropriate in his discretion. The remaining Cars in the field must maintain their assigned positions unless otherwise instructed by Officials.

B. Cars dropping out on the parade or pace laps may be considered cause for delaying the start. Such Cars will be directed to the pit lane or another designated area and will be permitted to join the Race under the direction of

Officials whenever their difficulty is corrected. Unless otherwise instructed, their first scored lap must begin at the starting line on the Racing Surface.

C.A Safety Car will be used to pace the field at the start of the Race. The Safety Car will have its flashing lights on during the parade and pace laps. At the appropriate time, the lights will be turned off, indicating intent to start the Race the next time across the starting line. The Safety Car will pull off into the designated location. The lap count may begin at the conclusion of the pace lap.

D.After the green condition is declared, all Drivers must maintain their relative positions until crossing the starting line. If a Driver improperly improves his/her position without cause prior to crossing the starting line, the Driver may be penalized. The imposition or non-imposition of a penalty may not be protested or appealed.

E.Upon the Senior Official's declaration, all Cars must start a Road/Street Course Race on "wet tires". While changes may be made to the Cars on the grid to accommodate the "wet tires", the Entrant remains responsible for complying with post-Race technical inspection. After such a declaration has been made, Entrants may change to dry tires at their discretion.

7.5. Race Restart

A. After a Yellow Condition

1.Prior to the restart, if the Car behind the Safety Car is not the leader of the Race, the pits will be closed and the Safety Car shall wave Cars past by signaling with the orange glove until the leader is directly behind the Safety Car. The Cars waved around will join the rear of the field. Notwithstanding the foregoing, the Senior Official in his discretion may restart the Race prior to the Cars that were waved around having joined the rear of the field. The Senior Official is the sole judge as to whether a proper

passing signal has been given, and the Senior Official's decision to signal a Driver to pass the Safety Car or the Senior Official's judgment as to whether a proper passing signal was given may not be protested or appealed. The Senior Official shall declare when the pit lane will be opened. Unless otherwise stated, the Race leader will always be the Car directly behind the Safety Car on a restart.

2.When the Track is clear for racing, the Safety Car will assist the field in preparing for a restart. At the appropriate time, the flashing lights will be turned off, indicating intent to restart the Race the next time across the starting line, and the Safety Car will accelerate away from the field, and pull into the designated location. The Race leader is required to maintain pace lap speed until reaching a point designated by INDYCAR to accelerate smoothly back to racing speed and the green condition will then be declared. The Senior Official in his discretion shall determine if the leader or any other Car fails to restart the Race as directed. The Senior Official in his discretion shall determine the type and timing of any penalty as he deems appropriate. Such decision is not subject to protest and/or appeal.

3.During the yellow condition, no Car may pass another Car unless:

- a.**The other Car is stopped on the Track or the Driver of the other Car has waved all of the passing Cars by in a safe location and promptly confirms such action by radio communication to Officials;
- b.**The other Car is not maintaining the pace lap speed; or
- c.**Either Car is in the pit lane boundaries.

4.The penalty for passing the Safety Car or another Car during a yellow condition without authorization by Officials shall be a black flag, lap(s) or such other penalty as Officials deem appropriate. A position ranking penalty assessed for passing during a yellow condition is discretionary and may not be protested or appealed.

B.After a Red Condition

1.The Cars will be lined up in single file order beginning with the Race leader. The restart order of the remaining Cars will be determined by their physical sequence at the start/finish line during the last scored Race lap.

2. Notwithstanding Rule 7.5(B)(1), the following reasons may be cause for a Car to be placed at the rear of the restart lineup:

a.Cars involved in a crash during, or subsequent to, the last scored lap. The decision as to whether a Car has been involved in a crash may not be protested or appealed.

b.Cars stopped on the Track, including the pits, during the last officially scored lap.

c.Cars which undergo a change of Driver during the time the Race is stopped.

The restart order of Cars placed at the rear of the lineup will be in order by total laps completed and sequence of completion.

3.Any laps being run under a yellow condition will be scored. Any Cars remaining in pit lane at the time of a restart may join the Race if approved to compete by Officials.

7.6 Hazardous Mechanical Conditions

A. Officials shall determine whether a Car involved in a crash or with a hazardous mechanical condition will be permitted to continue in the Event or must first return to the pit lane or the garage area for necessary repairs.

B. Officials shall determine how the Car is removed and where the Car is taken. INDYCAR is not responsible for payment, reimbursement, damage or loss to any Car as a result of such removal.

C. After any repairs have been completed by the Entrant's crew, the Car is subject to visual or other inspection by Officials prior to and/or during any further competition. If Officials determine that further repairs are warranted, the Entrant's crew must make those repairs before the Entrant's Car is permitted to return to competition.

1. Oval Events – Cars being repaired will not be permitted to return to the Race during the last 20 laps of the Race.

2. Road/Street Course Event - Cars being repaired will not be permitted to return to a Race during the last 15 minutes of the Race.

D. Officials may approve or disapprove technical or structural changes between the Race start and the post-Race inspection due to contact or material or parts failure.

E. A Car may only receive on Track assistance as directed by INDYCAR.

F. These decisions are in Officials' discretion and may not be protested or appealed.

7.7 Performance Standards – The Senior Official in his discretion may establish a performance standard which all Entries entered in an Event must achieve in order to participate in the Event. In general, Entries must perform within 105% of the Car posting the best time and demonstrate Car consistency,

control/placement and interaction with other Cars on track to the satisfaction of the Senior Official. In general, the standard will be announced to all Competitors prior to the start of the first practice session and will not be raised after practice has started. However, INDYCAR may delay announcement of the standard until a later time based on the physical condition of the Track, safety and other considerations.

VIII. QUALIFICATIONS

8.1 All Events - This Rule 8.1 contains qualifications rules for all Events.

A. Overview - Qualifications determines the eligibility and starting position of each Car desiring to participate in a Race by ranking the Car on the basis of its performance in qualifications.

B. Meeting – INDYCAR may hold a specific meeting prior to the start of qualifications. INDYCAR may designate the meetings as mandatory for some Members.

C. Starting Time / Delays/ Interruption and Suspension / Performance Standards

(1) Starting Time - The Senior Official shall determine the starting time for the qualifications period.

(2) Delays - The Senior Official may penalize any Member attempting to delay qualifications.

(3) Interruption and Suspension –

(a) Interruption - Qualifications may be interrupted by the commencement of a yellow condition. Qualifications is interrupted at the moment that the decision to interrupt is made.

(b) Suspension – INDYCAR may suspend qualifications for any reason.

(c) The decision to interrupt or suspend an attempt or qualifications (and reasons therefor)

may not be protested or appealed.

D. Technical Inspection

(1) Impound Area - Officials shall direct selected qualified Cars to a designated “impound area” to check for compliance. A maximum of two crew members per Car will be permitted in the “impound area”.

(2) Cars – INDYCAR reserves the right to seal any component.

(3) Fuel - A fuel sample may be taken from all Cars prior to and after the qualifications attempt.

(4) Battery - An external battery may be connected to the Car when the Car is in the qualifying line.

(5) Technical Violations - If a Car does not successfully complete post-qualifying technical inspection, INDYCAR in its discretion may penalize the Car including without limitation voiding the Car’s qualifying time and placing the Car at the rear of the starting field in accordance with Rule 8.1(H)(6) in addition to other penalties.

(6) Qualified Cars - All qualified Cars must remain on the grounds of the Event facility after qualifications unless otherwise permitted by INDYCAR.

(7) Crashed Qualified Cars –

(a) If a qualified Car is involved in a crash prior to the Race, INDYCAR in its discretion may permit the Entrant to start either a backup Car or the repaired Car in the Race.

(i) Except during qualifications for the Indianapolis 500 Mile Race, INDYCAR

will require the backup Car to start the Race at the rear of the field in accordance with Rule 8.1(H)(2).

(ii) The repaired Car must successfully complete technical and safety inspection and shall start the Race in its original position.

(b) This decision is not subject to protest or appeal.

(c) The Driver of the crashed Car must be approved by Officials in accordance with Rule 1.2(D)(3).

E. Starting Field –

(1) Except for those positions designated for provisional starting Cars and as otherwise provided by these Rules, the starting field shall be determined by best time rankings, from fastest to slowest, with the fastest qualifier occupying the pole position, followed by the second fastest qualifier, third fastest, etc., down through the slowest qualifier who has not been “bumped”.

(2) In the event two or more Cars post identical official qualifications times, the Cars shall be ranked in the order in which the completed qualifications attempts occurred.

(3) A Driver who has qualified a Car may not make an attempt to qualify a second Car unless the first Car has been withdrawn from the Event with permission of Officials or the first Car has been eliminated from the starting field.

(4) If a Car remains on Track after receiving the checkered flag, INDYCAR in its discretion may

penalize the Entry.

(5) The starting fields for each Race shall be a maximum of 28 Cars (which includes 2 provisionals), except as follows:

(a) Brazil – 26 Cars (which includes 2 provisionals)

(b) Indianapolis 500 Mile Race – 33 Cars (no provisionals)

(c) Toronto – 27 Cars (which includes 2 provisionals)

(d) Mid Ohio – 27 Cars (which includes 2 provisionals)

(e) Motegi – 26 Cars (which includes 2 provisionals)

(f) Baltimore – 26 Cars (which includes 2 provisionals)

F. Provisional Starting Cars - INDYCAR, in its discretion, may add provisional starting Cars to the starting field. INDYCAR may offer up to a maximum of two provisional starting Cars at each Event after the conclusion of qualifications among non-qualified Cars based on the following formula:

(1) The first provisional starting position will be assigned to the Entry driven by the 2010 IZOD IndyCar Series champion Driver.

(2) The next position will be assigned to the Entry driven by the 2009 IZOD IndyCar Series champion Driver.

(3) The next position will be assigned to the Entry

driven by the 2010 Indianapolis 500 Mile Race champion Driver.

(4) The next position(s) will be assigned to the Entry driven by the highest-ranking Driver(s) in the current top 24 Drivers point standings prior to the current Event.

(5) The next position(s) will be assigned to the Leaders Circle Program Member(s) with the best practice lap time at the Event, provided the best lap time is an acceptable time as determined by INDYCAR.

(6) If the positions are not filled by provisions 1-5, then the positions will be filled by the Entry with the next best lap time posted during qualifications, provided the best lap time is an acceptable time as determined by INDYCAR.

G. Starting Field Determination -

(1) No Qualifications/Qualifications Not Completed – Not all Entrants have been given an opportunity to qualify. With the exception of positions designated for provisional starting Cars, INDYCAR shall assign all starting positions as follows:

- (i) Entrant point standing entering the Event; and
- (ii) Blind Draw.

(c) If the Event is the first Event of the season, then the Entrants shall be ranked using the prior season's point standings. INDYCAR in its discretion shall determine an Entrant's eligibility.

(2) Qualifications Completed/Open Positions -

Qualifications have been completed, but all available starting positions have not been filled. With the exception of positions designated for provisional starting Cars, INDYCAR shall assign open starting positions based on the priority in Rule 8.1(G)(1).

(H) Subsequent Change in Condition – After qualifications and prior to the start of a Race, an Entry may undergo a change in condition(s) which shall void its qualifications time, original starting grid position and/or practice time. In such case, INDYCAR shall assign the Entry a revised starting grid position(s) at the rear of the starting field based on the following order:

(1) Substitute Starting Engine - An Entrant has an unapproved Engine change pursuant to Rule 14.13(C)(2). The Entrant will start the Race with the same qualified Car and Driver but with a different non qualified Engine.

(2) Substitute Starting Car or Car/Engine Combination – An Entrant has requested and received permission to use a backup Car pursuant to Rule 5.1(A)(3)(b). The Entrant will start the Race with the same Driver but a different non qualified Car or Car/Engine combination.

(3) Substitute Starting Driver – An Entrant has requested and received permission to change Drivers pursuant to Rule 5.1(A)(2)(b). The Entrant will start the Race with the same qualified Car/Engine combination but with a different non qualified Driver.

(4) Alternate Starting Cars – If a Car does not line up for the Race, INDYCAR in its discretion may select the Entrant's Car posting the next best qualifying time or the next highest Entrant points to complete the starting field.

(5) **Provisional Starting Cars** – (Rule 8.1(F)).

(6) **Non-Engine Related Penalty** (Rule 1.6(B)(2)(b) and Rule IX) – An Entrant or Driver has been penalized and moved to the rear of the starting grid.

(7) **Non-Starting Cars** (Rule 10.3(E)) - A Car does not line up for the Race.

If more than one Entry is affected in one or more of the above categories, INDYCAR shall rank such Entries within such category based on the following priority:

- (i) Entrant points entering the Event; and
- (ii) Blind draw.

8.2 Oval Events – This Rule 8.2 contains qualifications rules for Oval Events which are in addition to the rules for All Events contained in Rule 8.1 to the extent not inconsistent with them. In the event of any inconsistency, this Rule 8.2 shall govern Oval Events.

A. Qualifications Order – INDYCAR shall determine the qualifications order by a blind draw. An Entrant’s representative may only draw for a Car entered in the Event. If an Entrant does not have an authorized representative present at the drawing, Officials may draw for the Car.

B. Qualifications Line -

(1) Cars must be in the qualifications line at the technical inspection area at the following designated times before the beginning of qualifications:

30 minutes	First third of the line
15 minutes	Middle third of the line

(2) A Car reserves its position in the qualifications line as long as it remains in the designated position and proceeds with the qualifications attempt when signaled. The Official's decision of whether a Car is in its designated position is not subject to protest or appeal.

(3) While the Car is in the qualifications line, an Entrant's representatives may make front wing and tire pressure adjustments only. The Car must be moved as the qualifications line progresses. A Car must not leave the qualifications line without the approval of INDYCAR.

C. Technical Inspection -

(1) The left side tire pressures must be a minimum of 28 psi and a maximum of 33 psi, and the right side tire pressures must be a minimum of 38 psi and a maximum of 43 psi.

(2) If a Car does not successfully complete pre-qualifying technical inspection as determined by INDYCAR in its discretion, the Car shall forfeit its "guaranteed attempt" and may be listed at the rear of the starting field pursuant to Rule 8.1(G).

(3) When a Car is presented for pre-qualifications technical inspection, it must be in the aerodynamic/mechanical configuration in which it shall race, with the following exceptions:

Aerodynamics

(a) Fuel fillers and vents may be taped off or fitted with blanking covers;

(b) Flaps may be adjusted;

(c) Optional wickers may be changed, added or removed;

(d) Tire ramps and sidepod extensions may be added or removed;

(e) Brake backing plates may be added or removed, and

(f) Inlet and exit shutters may be changed.

Mechanical

(a) Dampers and springs

(b) Roll bars

(c) Camber, castor and toe settings

(d) Ride height settings

(e) Gear ratios

(4) The Car must remain as presented at pre-qualifying technical inspection throughout the entire qualifications attempt unless otherwise approved by INDYCAR.

(5) Only after a Car's qualifications attempt or post-qualifications technical inspection is completed, whichever occurs later, may any of the foregoing permitted changes be made.

D. Declaration of Intent -

(1) A Car must be presented at the entrance of the "staging pit" when signaled to do so ("declaration of intent"). The Senior Official shall signal a Driver when it is time for the Car to depart from the

qualifications line to begin a qualifications attempt. Unless otherwise provided by the Senior Official, each Car must depart the qualifications line within 60 seconds of receiving the signal.

(2) In order to make an official qualifications attempt, a Car must have been given the signal to depart from the qualifications line and have moved away with the Engine running prior to the end of the qualifications period.

(3) A Car may not be pushed to start its Engine at the start of a qualifications attempt.

E. Warm Up Laps A Car shall be given two warm-up laps.

The Senior Official in his discretion may add additional warm up laps as he deems appropriate.

F. Qualifications Attempt -

(1) Qualifications will be based on one individually-timed attempt per Car. A qualifications attempt is the total of two consecutively timed laps.

(2) Each Car will be permitted only one departure from the qualifications line to commence its qualifications attempt. A qualifications attempt may only be started and completed under the green condition.

(3) All Cars in the qualifications order shall be given one “guaranteed attempt” to qualify. Notwithstanding the foregoing, the following matters and any others which may be determined by the Senior Official in his discretion are cause for a Car to forfeit its guaranteed qualifications attempt and to be listed at the rear of the starting grid in accordance with Rule 8.1(G):

- (a) A Car is not presented in the proper order at technical inspection at the designated time;
- (b) A Car does not successfully complete technical inspection;
- (c) A Car is not presented in the proper order at the staging pit at the designated time;
- (d) A Car fails to leave the staging pit within the designated time;
- (e) A Car leaves the staging pit but fails to receive the green flag; or
- (f) A Car fails to receive the checkered flag.

If more than one Car is so affected, the Cars shall be ranked according to Rule 8.1(G).

(4) If the field is full (except for those positions designated for provisional starting Cars) and the qualifications period has not ended, qualifications attempts may continue with the potential for the elimination of the slowest qualifier (“bumping”). When a subsequent qualifier completes a qualifications attempt at a better lap time, the slowest qualified Car is eliminated from the field, and the faster qualifier is inserted into the field based on best lap time ranking. This process continues until the qualifications period ends.

(5) If the field is not full but the qualifications period has ended and each Car has received its guaranteed attempt, all Cars successfully completing qualifications attempts shall be “locked in” and the remaining available starting positions, except those designated for provisional starting Cars, shall be determined in accordance with Rule 8.1(G).

(6) If the qualifications period concludes before each Car has been given its “guaranteed attempt”, then qualifications shall resume at a time designated by the Senior Official, if practicable. If the Senior Official in his discretion is unable to resume qualifications and allow each Car its guaranteed attempt, the entire starting field shall be determined in accordance with Rule 8.1(G).

(7) If Officials interrupt qualifications for reasons caused by a Driver or the Driver’s crew, the Driver’s Car shall forfeit its guaranteed qualifications attempt and may be listed at the rear of the starting grid in accordance with Rule 8.1(G). If the interruption is not due to the actions of the Driver or the Driver’s crew, the Car shall not be charged with its qualifications attempt and the Car may be permitted to return to its position at the front of the existing qualifications line and proceed with its guaranteed qualifications attempt.

(8) If a Car has started its warm-up laps or its qualifications attempt when qualifications are suspended, the Car will not be charged with an attempt and will be returned to its position at the front of the existing qualifications line when qualifications resume. Officials shall preserve the qualifications line already established when qualifications resume. If Officials release a Car during a suspension, the Entrant is not required to keep its Car at the designated location during the suspension. Officials shall announce prior to resuming qualifications that all Cars are to be returned to the designated location. Any Entrant not returning an Entrant’s Car to the designated location by the designated time shall forfeit the Entrant’s guaranteed qualifications attempt and may be listed at the rear of the starting grid in accordance with Rule 8.1(G).

8.3 Road/Street Course Events - This Rule 8.3 contains qualifications rules for Road/Street Course Events which are in addition to the rules for All Events contained in Rule 8.1 to the extent not inconsistent with them. In the event of any inconsistency, this Rule 8.3 shall govern Road/Street Course Events.

A. Technical Inspection -

(1) When a Car is presented for pre-qualifications technical inspection, it must be in the aerodynamic/mechanical configuration in which it shall race, with the following exceptions:

Aerodynamics

- (a) Fuel fillers and vents may be taped off or fitted with blanking covers;
- (b) Flaps may be adjusted;
- (c) Optional wickers may be changed, added or removed;
- (d) Tire ramps and sidepod extensions may be added or removed;
- (e) Brake ducts may be blanked off using tape or blanking panels, and
- (f) Inlet and exit shutters may be changed.

Mechanical

- (a) Dampers and springs,
- (b) Roll bars,
- (c) Camber, castor and toe settings,

(d) Ride height settings, and

(e) Gear ratios

(2) Entrants are permitted to make only the above adjustments between or during the qualifying segments. Otherwise, the Car must remain as presented at pre-qualifying technical inspection through the entire qualifications attempt unless otherwise approved by INDYCAR.

(3) Entrants must leave their qualified tires on their Cars for post-qualifications technical inspection.

B. Qualifications Attempt - Qualifications will be divided into three segments:

(1) Segment One:

(a) All Cars shall participate in one of two groups for 15 minutes per group inclusive of full-course yellow conditions, with only the six Cars posting the best lap times from each group advancing to Segment Two.

(b) Segment One shall determine positions 13 through the end of the starting field. Each group shall be ranked in order of best lap time as follows:

(i) Group 1 occupy the odd numbered positions beginning with position 13, and

(ii) Group 2 occupy the even numbered positions beginning with position 14.

(2) Segment Two:

(a) Segment Two shall consist of one 15 minute

qualifying group inclusive of full course yellow conditions, with all times from Segment One having been voided. Only the six Cars posting the best lap times shall advance to Segment Three. This shall begin five minutes after the conclusion of Segment One.

(b) Segment Two shall determine positions 7 – 12 to be ranked in order of time beginning with the Car posting the seventh best timed lap occupying the 7th position.

(3) Segment Three:

(a) Segment Three shall consist of one 10 minute qualifying group, of which five minutes is guaranteed green condition time, with all times from Segment Two having been voided. Segment Three shall begin 10 minutes after the conclusion of Segment Two unless INDYCAR determines otherwise.

(b) Segment Three shall determine positions 1 – 6 to be ranked in order of best lap time beginning with the Car posting the best timed lap occupying the pole position.

C. If a Car causes a red or full course yellow condition in any segment or otherwise interferes with qualifications as determined by the Senior Official in his discretion, the Car's best two timed laps of the segment shall be disallowed.

D. If a Car causes two red or full course yellow conditions in one or more segments or otherwise interferes with qualifications as determined by the Senior Official in his discretion, all segment times shall be voided, and the Car shall not be permitted to participate in the remainder of qualifying.

E. The polesitter may elect to start from either front row position. The Driver must notify the Senior Official of this decision prior to the pre-Race Driver's meeting.

8.4 Indianapolis 500 Mile Race Event - This Rule 8.4 contains qualifications rules for the Indianapolis 500 Mile Race Event which are in addition to the rules for All Events and Oval Events contained in Rules 8.1 and 8.2 respectively to the extent not inconsistent with them. In the event of any inconsistency, this Rule 8.4 shall govern the Indianapolis 500 Mile Race Event.

A. Qualifications Order -

(1) There are two scheduled days of qualifications:

- a. First qualifications day ("Pole Day") and
- b. Second qualifications day ("Bump Day").

(2) INDYCAR shall conduct a blind draw of all entered Cars on the Coca Cola Stage at 6:15 p.m. on Friday, May 20th, to determine the order in which the Cars shall make their initial qualifying attempts for Segment One on Pole Day.

(3) The qualifying order for Bump Day shall be determined as follows:

- a. All not yet qualified Cars in the qualification line when Segment One ends on Pole Day, and
- b. Any other not yet qualified Cars pursuant to a blind draw in the INDYCAR trackside office (N1) at 6:15 p.m. on Saturday, May 21st.

(4) The pre-qualifications practice on Bump Day shall be open to any entered Car (the practice session is not restricted to unqualified Cars only).

B. Technical Inspection

- (1) To be properly presented at the start of either qualifications day, the Cars in the qualifications order must be fueled and in line at the technical inspection area as follows:

<u>Pole Day</u>	<u>Bump Day</u>	
10:15 a.m.	11:30 a.m.	First 5 Cars in draw
10:30 a.m.	11:45 a.m.	Remaining first ½ of Cars in draw
11:00 a.m.	12:00 p.m.	Remaining Cars in draw

- (2) Once the Car successfully completes the technical inspection process, INDYCAR shall issue the Car an inspection sticker indicating the Car is eligible to make a qualifications attempt on that specific qualification day. The Car may make a qualifications attempt during the specific qualification day without having to return to the technical inspection area, if the Car displays the sticker. Each qualification day will have a unique sticker.
- (3) Only Entrants participating in a qualifications attempt may obtain fuel from the designated fuel tanks located in pit lane. Entrants participating in practice must obtain fuel from one of the other fuel tanks located in the pit lane.
- (4) If a Car has had its qualifications time voided or has been bumped from the field, an Entrant may make a subsequent qualifications attempt with the Car, provided the Entrant's representatives present the Car at the designated area in pit lane

prior to making a qualifications attempt, subject to the maximum number of attempts.

- (5) When a Car is presented for pre-qualifications technical inspection, it must be in the aerodynamic/mechanical configuration in which it shall race, with the following exceptions:

Aerodynamics

- (a) Fuel fillers and vents may be taped off or fitted with blanking covers;
- (b) Optional wickers may be changed, added or removed;
- (c) Tire ramps and sidepod extensions may be added or removed;
- (d) Brake backing plates may be added or removed, and
- (e) Inlet and exit shutters may be changed.

Mechanical

- (a) Dampers and springs;
 - (b) Roll bars;
 - (c) Camber, castor and toe settings;
 - (d) Ride height settings;
 - (e) Gear ratios; and
 - (f) Rear wing pillars and rear wing adjuster assemblies.
- (6) The Car must remain as presented at pre-

qualifying technical inspection throughout the entire qualifications attempt unless otherwise approved by INDYCAR.

- (7) Only after a Car's post-qualifications technical inspection is completed may the foregoing permitted changes be made.

Pole Day: The approved changes may be made to qualified Cars after they have completed post-qualifying technical inspection at the end of Segment One and during Segment Two.

Bump Day: The approved changes may be made to qualified Cars after they have completed post-qualifying technical inspection.

C. Declaration of Intent - A Car must be presented in pit lane at the designated area. When instructed, the Car will move directly south into the staging area. When signaled by Officials, the Car will move to the "head of the qualifying line" and wait until signaled to leave pit lane to begin a qualifying attempt. As the qualifications session or a segment ends, a Car may begin its qualifications attempt, provided it has received the signal and is moving with its Engine running. The Car is not required to have completed its attempt prior the end of the qualifications session or segment.

D. Warm up Laps - An Entrant will be given both green and yellow flags to use at the north end of the outer pit wall to signal the Entrant's Car. The Entrant must display the green flag to start a qualifications attempt prior to the Car completing its last warm-up lap. Display of no flag or a yellow flag does not begin a qualifications attempt.

E. Qualifications Attempt -

(1) A completed qualifications attempt shall consist of four consecutively-timed laps.

(2) The following matters and any others that may be determined by the Senior Official in his discretion are cause for a Car to not be charged with a qualifications attempt, but in such case the Car shall return immediately to the pit lane:

(a) A Car does not complete its last warm-up lap;

(b) The green flag is not displayed by the end of the last warm-up lap; or

(c) The yellow flag is displayed instead of the green flag.

(3) INDYCAR or an Entrant may terminate a qualifications attempt before completion upon display of a yellow flag at any time prior to the point where the Car crosses the start/finish line at the conclusion of the fourth consecutively timed lap. The Car will be charged with an attempt and must return immediately to the pit lane.

(4) Once each Car in the Segment One qualifications line has received its one guaranteed attempt, a “break in the line” occurs. If the “break in the line” occurs before the time allotted for Segment One has expired, Cars may continue to make qualifications attempts subject to the maximum number of attempts and these Rules until the time allotted for Segment One has expired.

F. Starting Field - The starting field shall be comprised of the 33 Cars (or such other number as INDYCAR shall determine) posting the best four consecutively-timed laps.

(1) Pole Day Qualifications - Qualifications shall consist of two segments and determine the first 24 starting positions ranked in order of time with the qualifier posting the best four consecutively-timed laps in Segment Two occupying the pole position.

(a) Segment One (11:00 a.m. – 4:00 p.m.)

1. Each Car participating in the pre-qualifications draw is guaranteed one qualifications attempt, provided it is properly and timely presented.
2. A maximum of three qualifications attempts per Car shall be permitted in Segment One, regardless of whether or not an attempt is run to completion.
3. A Car/Driver combination that has been bumped from one of the available positions may continue to make qualifications attempts, providing the Car/Driver combination has any remaining attempts available.
4. If a Car/Driver combination is currently in the starting field but wishes to make an attempt, the Entrant's representative must first withdraw the Car's qualifications time.
5. At the conclusion of Segment One:
 - a. The 9 Cars posting the best four-consecutively timed laps shall advance to Segment Two,
 - b. The Cars posting the 10th through 24th best four-consecutively

- timed laps shall be ranked in order of time beginning with the best time in position 10, and
- c. All remaining Cars posting four-consecutively timed laps shall not be ranked and their times shall be voided.

(b) Segment Two (4:30 p.m. – 6:00 p.m.)

1. The qualification order for Segment Two shall be determined by the times posted in Segment One. Cars shall be ranked in reverse order of time with the Car posting the best time being ranked in position 9.
2. Each of the 9 Cars advancing from Segment One is guaranteed one qualifications attempt, provided it is properly and timely presented. Each Car must make a qualifications attempt, and each Car shall receive one set of tires for use in this required attempt in Segment Two.
3. After each Car has completed its required attempt, each Car must return to its assigned pit box. All Cars shall be permitted to make additional qualifications attempts until the time allotted for Segment Two has expired. If a Car makes an attempt during the remainder of Segment Two, it shall receive a second set of tires. A Car is not required to make additional qualifications attempts other than

the first required attempt. Each of the Cars will be assigned a technical Official. If the Car leaves pit lane for any reason, it must proceed immediately to post qualifying technical inspection and may not make any additional qualifications attempts. If unapproved modifications are made to the Car, the Car's qualifications time shall be voided. The Entrant's representative is not required to withdraw the Car's first Segment Two qualifications time in order to make an additional qualifications attempt. At the end of Segment Two, the 9 Cars shall be ranked in order of time beginning with the Car with the best time in position 1.

4. If every Car is not permitted to make its required attempt in Segment Two for any reason, INDYCAR shall rank these Cars in order of times posted by the 9 Cars in Segment One and only those Cars having made the required attempt in Segment Two shall receive the set of tires.
5. If Segment Two is interrupted or suspended after each Car has made its required attempt, INDYCAR shall use the times posted at the time the interruption or suspension is declared because no withdrawal of time is required and only those Cars having made additional attempts after the required attempt shall receive the second set of tires.

- (d) The same Car must be used in the two segments.
 - (e) If a qualified Car is involved in a crash, the Entrant may replace the qualified Car with another Car and start the Race in the qualified Car's position. If a qualified Car is unable to start the Race for any other reason, INDYCAR shall determine if the Entrant is permitted to replace the qualified Car with another Car and start the Race in the qualified Car's position.
- (2) **Bump Day Qualifications** – Qualifications shall determine starting positions 25 through 33 ranked in order of time with the Car posting the best four-consecutively timed lap of the day occupying the 25th position.
- (a) A maximum of three qualifications attempts per Car shall be permitted, regardless of whether or not an attempt is run to completion.
 - (b) When the field is full and a Bump Day qualifier posts a faster four-consecutively timed lap qualifications attempt than the qualified Car with the slower qualifications time with the exception of the top 9 qualifiers on Pole Day, the slower Car is eliminated from the field, regardless of the day on which it qualified. If the slower qualifier recorded his/her time on Pole Day, then the faster qualifier from Bump Day will advance from 25th starting position to 24th starting position and each of the subsequent qualifiers will move up one position, with the latest qualifier being inserted within the time rankings of Bump Day.

- (c) A Car/Driver combination that has been bumped from one of the available positions may continue to make qualifications attempts, providing the Car/Driver combination has any remaining attempts available.
- (d) If a Car/Driver combination is currently in the starting field but wishes to make an attempt, the Entrant's representative must withdraw the Car's qualifications time.

G. Post-Qualifications Photographs

- (1) After a Car has completed its initial qualifications attempt, the Driver and Car must proceed to the designated photograph area to take the qualifications photograph. Beginning at 2:30 p.m. on Pole Day, INDYCAR shall permit an Entrant to delay the post qualifications photograph until the end of qualifications.
- (2) Each Driver/Car qualifications photograph is permitted a maximum of 10 minutes.
- (3) During the 10 minute photograph time, a Driver and crew must wear the designated hats in the assigned order. If there is time permitting, other hats may be worn. If there is not time permitting, then the Entrant must make arrangements to schedule an alternate time to take additional photographs.
- (4) For each subsequent qualifications attempt, a Driver and Car are not required to proceed to the photograph area for a duplicate set of photographs.
- (5) After the photographs are completed, the Car will return to the technical inspection area for post-qualification technical inspection.

(6) INDYCAR anticipates the photograph and post-qualification technical inspection shall last approximately 30 minutes.

H. Alternate Procedures

(1) If the time allotted for qualifications has expired on Pole Day without any Car in the Segment One qualifications order having been given its guaranteed attempt (e.g., complete rainout of Segment One), INDYCAR in its discretion shall determine the revised qualifications procedure. This may include without limitation all Cars qualifying on Bump Day without any segments.

(2) If the time allotted for qualifications has expired on Pole Day without each Car in the Segment One qualifications order having been given its guaranteed attempt (e.g., partial rainout of Segment One), Pole Day qualifications shall continue on Bump Day until Segment One is completed and Segment Two shall be cancelled. The 9 Cars posting the best four-consecutively timed laps shall be ranked in order of time with the Car posting the best time in the first position.

I. Special Session - In the event the qualifications period ends on Sunday, May 22nd with fewer than 33 Cars qualified for the Race after the break in the line, all Cars having met the qualifications requirements shall be locked in and cannot be bumped. INDYCAR shall fill the balance of the field by the fastest qualifiers of a Special Session, with the only bumping taking place amongst the qualifiers participating in the Special Session. The following procedure shall apply to the Special Session:

(1) An Entrant who wishes to secure a spot in the qualifications order for the Special Session must have a representative present at 6:15 p.m. on May 22nd at

N1 to draw for a qualifications position.

(2) The Special Session shall take place on the next available day, weather permitting, prior to Carburetion Day and will consist of a 30 minute practice session, followed by one qualifications attempt for each Car. Any Car not presented and starting its qualifications attempt when directed to do so by INDYCAR or not taking the green flag will forfeit its attempt. The remainder of the field will be filled based on qualifications time during the Special Session. If the Special Session does not fill the field, INDYCAR in its discretion will fill the field.

(3) In the event INDYCAR determines that this procedure will interfere with the preparations for the Race, either due to weather or otherwise, INDYCAR may forego the Special Session and fill the field in accordance with Rule 8.1(G).

J. Post-Qualifications Technical Inspection

1. On Pole Day, INDYCAR shall institute a voluntary impound area in pit lane. A Car may only proceed to the voluntary impound area upon receiving approval from INDYCAR. In lieu of permitting a Car to proceed to the voluntary impound area, INDYCAR may assign an Official to remain with the Car.
2. Each Entrant must have in its immediate possession the following tools for post-qualifying and post-Race:
 - a. Tools to remove body work,
 - b. Tools to remove the top of the airbox,
 - c. Tools to remove tires,
 - d. Nitrogen for:
 - i. Wheel guns,
 - ii. Air jacks, and
 - e. Tools to remove refueling receptacles.

3. INDYCAR in its discretion shall determine the order of post-qualifying inspection. One consideration is the qualification speed of the Cars and the likelihood a Car may be bumped from the field.
4. INDYCAR reserves the right to perform such other inspection procedures, including full engine inspection, at any time as it deems appropriate in its discretion.
5. Entrants may download data from the Car at any time after receiving the checkered flag.

IX. PENALTIES

9.1 General – The Senior Official may penalize any Member for any violation of the Rules. If an Official observes or is made aware of an act or omission by a Member that constitutes a violation of the Rules and if the Official determines that the act or omission is sufficiently serious to warrant the imposition of a penalty, the Official shall promptly report the violation to the Senior Official. The Senior Official shall consider the report and shall conduct whatever additional inquiry he deems appropriate under the circumstances. After concluding the inquiry, the Senior Official shall determine whether disciplinary action is appropriate, and if so, what disciplinary action should be taken. The Member shall be informed of the determination, and if disciplinary action is imposed, the Senior Official shall issue a Penalty Notice to the Member specifying the violation, a brief statement of the circumstances of the violation, and the penalty imposed. If the act or omission of a Member is determined by the Senior Official to constitute a threat to the integrity of INDYCAR, the IZOD IndyCar Series or to the orderly conduct of an Event or to constitute a violation during an Event, the Senior Official may take immediate action against the Member.

9.2 Scope of Penalties - Penalties for violations of the Rules are divided into two categories: Race Procedure Penalties and Non Race Procedure Penalties. Regardless of the category, penalties are determined by the gravity of the violation and its effects on fairness of competition, the orderly conduct of the Event, and the interests and integrity of automobile racing, INDYCAR, and the IZOD IndyCar Series. The Senior Official shall have the authority to impose any or all or any combination of the following penalties against any Member for any violations of the Rules at any time:

A. Race Procedure Penalties are a result of on Track conduct and are generally imposed during on Track

activity. In general, the Senior Official shall require a penalty to be served under the same Track condition in which the violation was committed. If circumstances do not permit, the Senior Official in his discretion shall determine the timing of the penalty as he deems appropriate. If the imposition of a penalty is near or at the end of the on Track activity and the Driver/Car does not fulfill it, the Senior Official may reposition the Driver/Car in the posting of results or apply the penalty to a subsequent on Track activity to reflect the fulfillment of the penalty. The penalty including without limitation any repositioning in a posting is nonprotestable and/or appealable.

1.Black Flag - The Senior Official may impose black flag penalties.

2.Laps - The Senior Official may impose lap penalties. Lap penalties shall be imposed in complete laps only. The imposition of a lap penalty shall result in the removal of official credit for the specified number of penalty laps from the total laps credited to the Competitor, and the scoring records and all points and awards shall reflect the removals.

a.If the lap penalty is imposed during the on Track activity, the removal of official credit shall begin with the Competitor's lap in which the violation occurred and shall include subsequent consecutive laps, as required.

b.If the lap penalty is imposed after the on Track activity is completed, the Senior Official shall determine, based on the severity of the violation, whether the removal of official credit shall begin with the Competitor's last lap and include previous consecutive laps as required, or begin with the Competitor's lap in which the violation occurred.

The Senior Official shall make a reasonable effort to notify the penalized Competitor of a lap penalty at the time it is determined. However, failure to notify the Competitor during the on Track activity will in no way mitigate or change the penalty.

3.Time – The Senior Official may impose time penalties. The time penalty is the loss of time to participate in on Track activity including but not limited to open or private Test, practice session or qualifications period. The time penalty must be fulfilled when directed. The time penalty begins when the Member, the Member's Car and Entrant personnel are in pit lane.

4.Disqualification - The Senior Official may impose a sentence of disqualification. A sentence of disqualification shall entail the loss of any right to compete in the remainder of the current Event from the time at which the disqualifying condition first occurred. It may entail the forfeiture of Entry fees paid or payable, and the Senior Official shall determine, based on the severity of the violation, whether or not the sentence includes the forfeiture of points and awards earned up to the moment at which time the infraction for the disqualification first occurs.

B.Non Race Procedure Penalties are a result of on or off Track conduct, but they are typically not imposed during on Track activity. They are protestable and/or appealable unless otherwise noted.

1.Additional Appearances and/or Meetings – In lieu of a monetary fine, the Senior Official may require a Member to participate in appearances and/or meetings in addition to those required of other Members pursuant to the Rules and any other agreements. The Senior Official may specify the due date for completion. Failure to participate may result

in reinstatement of the monetary fine.

2.Monetary Fines - The Senior Official may issue monetary fines and specify the due date for payment. Unpaid fines may be deducted from any awards including without limitation TEAM award payments payable by INDYCAR to the Entrant or Manufacturer associated with such Member either before or after the specified due date. The Senior Official may suspend or refuse to approve the renewal of the License and/or membership of any Member failing to timely pay any fine during the period the fine remains unpaid.

3.Probation - The Senior Official may place a Member on probation. Probation is a state of limitation upon a Member's privileges usually following an act or omission occurring before or during membership which calls into question the Member's willingness or ability to abide by standards required for membership. The purpose of probation is to establish a process to allow a Member to prove, by the Member's conduct, that the standards of membership are understood and will be honored at all times. During probation a Member is under heightened scrutiny and the Member can be required to abide by specified standards of conduct which are more stringent than those which are otherwise applicable. If a Member violates probation, the Member is subject to a more severe penalty. The duration and conditions of probation are within the discretion of the Officials.

4.Suspension - The Senior Official may impose a sentence of suspension. A suspension may be total or it may be limited to a suspension of membership or License privileges at a particular facility or facilities, or for a particular series of Events, or for a specified or indefinite period of time. Unless expressly

limited, a sentence of suspension shall entail the loss of any right to take part in any capacity whatsoever in any Event. Unless otherwise stated, individuals under sentence of suspension will not be issued credentials of any kind for an Event and the privileges and uses of the Track, pit area, and the garage area will be denied. Every suspended individual shall return all credentials and/or Licenses to the Senior Official who will not return them until the term of the suspension has expired. Any delay in surrendering the credentials and/or Licenses shall be added to the term of the suspension. If the suspended individual does not return the credentials and/or Licenses, the credentials and/or Licenses shall be inoperative and invalid until the lifting of the suspension. Suspension may also render void any previous Entry made for any Event occurring during the term of such suspension and may entail the forfeiture of any applicable Entry fees paid or payable for any such Entries. The Senior Official shall have the right to reduce, increase or otherwise modify the unexpired term of a sentence of suspension pronounced under the Rules.

5.Loss of Points and/or Awards – The Senior Official may rule that a Member who violates the Rules will forfeit all or a portion of the points and/or awards earned in that year, including points and awards earned in the Event in which the violation occurred.

9.3.Additional Provisions and Guidelines

A. Improper Conduct - Any Member attempting to or engaging in unsportsmanlike conduct or conduct detrimental to racing, INDYCAR, and/or to the IZOD IndyCar Series, whether during an Event or on or off the Track, may be subject to any or all penalties. Improper conduct shall include without limitation:

1. engaging in reckless, careless, and overly aggressive actions or unsportsmanlike behavior toward other Members,
2. impeding the conduct of an Event, including Car control, placement and inconsistent driving pattern,
3. causing an avoidable yellow or red condition,
4. endangering the safety of Competitors,
5. failing to participate at competitive speed,
6. failing to participate in close proximity to other Cars,
7. failing to follow the direction of Officials, and
8. using improper, profane or disparaging language or gestures in reference to Officials, Members or actions or situations connected in any way with INDYCAR, the IZOD IndyCar Series or any Event.

B. Blocking – A Driver must not alter his/her racing line based on the actions of pursuing Drivers or use an abnormal racing line to inhibit or prevent passing. Blocking will result in a minimum of a black flag “drive through” penalty.

C. Avoidable Contact – A Competitor must not initiate or attempt to initiate avoidable contact that results in the interruption of another Competitor’s lap time or Track position.

D. Team Tactics and/or Orders – Team tactics and/or orders on the Track are prohibited. If the Senior Official determines one or more Members of a Team attempted to or engaged in team tactics or orders, the Senior Official may issue a black flag penalty to any or all of the Team’s Car/Driver combinations in addition to other penalties.

E.Assault or Battery - If any Member shall commit an assault or battery during or in connection with an Event, such Member may be disqualified and/or suspended by the Senior Official and may be subject to additional penalties.

X.
**CHAMPIONSHIP, POINTS AND
POINT FUND**

10.1 Championships and Point Standings - INDYCAR recognizes several different types of championships, including Entrant, Driver, Oval and Road/Street Course. To facilitate competition for these championships, INDYCAR calculates and publicizes complete rankings of all participating Entrants and Drivers following the completion of each Race. Unless otherwise announced by INDYCAR, all scheduled qualifications and Races shall offer championship points.

10.2 Significance of the Car Number – Points and awards including without limitation TEAM award payments are credited only to the Entrant entered in the Event and to the Driver starting in that Car except as otherwise permitted by INDYCAR. The Car number is listed on the Entry and signifies the Car to be credited. The points and awards including without limitation TEAM award payments accumulate on behalf of the Entrant's License for that Car number, separately from any other Entrant's License that Team may hold.

10.3 Crediting of Points - INDYCAR has established the following system under which eligible Entrants and Drivers may accumulate points.

- A.** Entrant points will be credited only to an Entrant holding a valid Entrant's License at the time of the Event, competing with a properly entered Car and displaying the assigned Car number throughout any Event.
- B.** Driver points will be credited only to Drivers holding a valid Driver License at the time of the Event.
- C.** In the event the starting Driver receives relief during a Race, the starting Driver and the Entrant will receive the points for that Car for the Race. The Relief Driver will not receive any points for driving that Car.

D. INDYCAR will not credit the one point usually earned by the Entrant and Driver starting a Race in the pole position if the starting field is determined in accordance with Rule 8.1(G)(1).

E. If a Car participates in practice and/or qualifications but is unable to start a Race, the Driver and/or the Entrant may receive half of the points the Car would have received for the Race had the Car started the Race (“non-starting Cars”). INDYCAR in its discretion shall determine whether a Car is deemed to have participated for purposes of this Rule 10(3)(E).

10.4 Ties –

A. At the close of the season, the Entrant and Driver with the highest number of ranking points respectively shall be declared the Champion. In the case of a tie in the championship, INDYCAR will determine the champion based on the most first place finishes. If there is still a tie, INDYCAR will determine the champion by the most second place finishes, then the most third place finishes, etc., until a champion is determined.

B. INDYCAR will apply the same system to other ties in the rankings at the close of the season and at any other time during the season.

10.5 End of Season Points Fund - INDYCAR reserves the right to establish an end of season points fund.

10.6 Points – Points may be earned by Entrants and Drivers based upon participation in Races and Qualifications.

A. Races – INDYCAR will award points pursuant to finishing position as follows:

<u>Race Finish Pts.</u>	<u>Race Finish Pts.</u>	<u>Race Finish Pts.</u>
1.50	12.18	2312
2.40	1317	2412

3.....35	14.....16	25.....10
4.....32	15.....15	26.....10
5.....30	16.....14	27.....10
6.....28	17.....13	28.....10
7.....26	18.....12	29.....10
8.....24	19.....12	30.....10
9.....22	20.....12	31.....10
10.....20	21.....12	32.....10
11.....19	22.....12	33.....10

Most Laps Led: 2

B. Qualifications

1. Indianapolis 500® Mile Race - INDYCAR shall award points pursuant to qualifications results as follows:

<u>Qual. Pos.</u>	<u>Pts.</u>	<u>Qual. Pos.</u>	<u>Pts.</u>	<u>Qual. Pos.</u>	<u>Pts.</u>
1.....	15	12.....	4	23.....	4
2.....	13	13.....	4	24.....	4
3.....	12	14.....	4	25.....	3
4.....	11	15.....	4	26.....	3
5.....	10	16.....	4	27.....	3
6.....	9	17.....	4	28.....	3
7.....	8	18.....	4	29.....	3
8.....	7	19.....	4	30.....	3
9.....	6	20.....	4	31.....	3
10.....	4	21.....	4	32.....	3
11.....	4	22.....	4	33.....	3

2. All other Events - INDYCAR shall award one point to the Entrant and Driver qualifying for the pole position.

XI.
AWARDS

11.1 Approval - The distribution of all awards including without limitation TEAM award payments must be approved by INDYCAR.

11.2 Awards –

A. INDYCAR in its discretion shall determine the eligibility, nature and amount of all awards including without limitation TEAM award payments for:

- (1) each Event, and
- (2) end of season.

B. Event Awards shall consist of the following:

- (1) **Basic Awards** – Awards are determined by the Entrant’s status in the Leaders Circle program.
- (2) **Race Bonuses** – Awards are determined by performance in Race Events:

Indianapolis 500 Mile Race

Finishing Position	Amount
1	\$1,925,000
2	\$ 700,000
3	\$ 325,000
4	\$ 125,000
5	\$ 75,000

All Other Races

Finishing Position	Amount
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1	\$35,000
2	\$25,000
3	\$20,000
4	\$15,000
5	\$10,000

- (3) **Indianapolis Qualifications Bonuses** – Awards are determined by performance in qualifications for the Indianapolis 500 Mile Race Event.

Qualifying Position	Amount
Pole Position	\$175,000
2 nd Highest Qualifier	\$ 75,000
3 rd Highest Qualifier	\$ 50,000

- C. **End of Season Awards** are determined by performance over the course of the season.
Entrant End of Season Bonus Driver End of Season Bonus

Entrant		
	Finishing Position	Amount
	1	\$500,000
	2	\$125,000
	3	\$ 87,500
	4	\$ 62,500
	5	\$ 37,500

Driver		
	Finishing Position	Amount
	1	\$500,000
	2	\$125,000
	3	\$ 87,500
	4	\$ 62,500
	5	\$ 37,500

11.3 Withholding –

- A. **Offset** - INDYCAR shall have the right to offset any amounts owed by a Member to INDYCAR, an Event

Promoter, or a Manufacturer or their affiliates against any award including without limitation TEAM award payments otherwise payable to the Member or the Member's Entrant.

- B. Protest** - If a protest is lodged affecting the distribution of an award including without limitation TEAM award payments, all awards so affected shall be forwarded to the INDYCAR office or in the case of monetary awards placed in an escrow account as directed by INDYCAR within five business days after the filing of the protest, without obligation as to interest.

XII. PROTESTS

12.1 Submission of Protests - A protest shall be submitted to the Senior Official.

12.2 Protest - A protest includes:

A. Written Protest - A protest shall clearly state the errors claimed. Each claimed error must be stated in specific rather than general terms and must be accompanied by a written statement of the facts and grounds upon which it is based. Except in the case of penalties that may not be protested or appealed as set forth in these Rules, a Member who receives a penalty notice may file a protest pursuant to this Rule XII or, if the penalty was issued by the Senior Official, an appeal pursuant to Rule XIII.

B. Protest Fee - The protest fee is \$2,500 and is non-refundable. The protest fee is in addition to any monetary penalty previously assessed.

12.3 Right to Protest and Time Limits -

A. Entry - Only the Entrant submitting an Entry may protest the rejection of such Entry. A protest must be filed within 24 hours of notice of rejection of the Entry. Any Competitor who competes in any Event that is not in accordance with the published Entry form conditions waives the right to protest the non-enforcement of such conditions.

B. Entrant - Only an Entrant may protest an action of the scoring, inspections or awards of positions or an action of the Entrant or another Competitor during an Event. The protest must be lodged within 30 minutes after the official

posting of results or the issuance of the penalty notice. To preserve the right to protest, the Entrant must verbally notify the Senior Official of its intent to file a protest within 15 minutes after the official posting of results or the issuance of the penalty notice. If a penalty is not issued until the next business day or later after an Event, the protest must be lodged by 5 p.m. E.D.T. of the second business day following the release of the penalty notice.

C. Other Members - Except as otherwise provided in the Rules, a Driver or other Member may protest any action taken by Officials with respect to such Driver or Member. Protests of actions taken by Officials must be lodged within 30 minutes after the official posting of results or the issuance of the penalty notice. To preserve the right to protest, the Driver or other Member must verbally notify the Senior Official of the Driver's/Member's intent to file a protest within 15 minutes after the official posting of results or the issuance of the penalty notice. If a penalty is not issued until the next business day or later after an Event, the protest must be lodged by 5 p.m. E.D.T. of the second business day following the release of the penalty notice.

D. Any Member who is entitled to protest and/or appeal an issue being protested and/or appealed by another Member is an interested party who has the right to be heard but whose own interest will not be controlled by the protest or appeal decision unless INDYCAR chooses to provide relief at its discretion. Likewise, a Member whose interest may be affected by a protest and/or appeal by another Member has a right to be heard at a protest and/or appeal hearing.

E. Decisions Not Subject to Protest or Appeal - Members recognize the need for Officials to make decisions that require judgment and the exercise of discretion, often instantaneously with Events as they are occurring. Members recognize that there is no system of instant replay during or after an Event. The exercise of

judgment by Officials during an Event, and any other matters which may be designated as not subject to protest or appeal under these Rules, may not be protested or appealed and the decision of Officials is final and binding. Examples of this exercise of judgment include but are not limited to the following:

- (1) Whether to declare a practice session completed or to modify a practice session; whether a Car has participated sufficiently to be deemed a non-starting Car.
- (2) Whether to declare or end a yellow condition; whether, when and where to move a Car.
- (3) Whether a Car must forfeit its guaranteed qualifications attempt; whether to add warm up laps to a qualifications attempt, interrupt a qualifications attempt or extend qualifications; whether to add provisional starting Cars.
- (4) Whether to start a Race on “wet” tires; whether a Car returned to its original starting grid position prior to the conclusion of the parade lap or to reorder the Car at the rear of the starting grid; whether a Driver improved the Driver's position prior to crossing the start/finish line at the start of a Race; whether a Car advanced or maintained its position relative to other Cars due to an off Track excursion; whether a Car retiring from a Race in pit lane shall be credited with completing a lap.
- (5) Whether a Car was properly positioned upon the declaration of a yellow condition; whether the Safety Car signaled a Driver to pass during a yellow condition, whether a proper passing signal was given during a yellow condition, whether the Safety Car or another Car was improperly passed during a yellow condition or whether a Car was properly positioned as it crossed the point designated as the end of the pit lanes.

- (6) Whether the Car leading the Race or any other Car fails to restart or pace the Race as directed by Officials.
- (7) Whether to declare or end a green condition during a Race.
- (8) Whether to declare a black flag, disqualification, or other non-monetary penalty; whether to reposition a Car in a posting to reflect the failure to fulfill a black flag or other penalty; whether a Member attempted to or engaged in unsportsmanlike behavior, blocking and team tactics.
- (9) Whether a Car followed proper procedures entering pit lane, participating in a pit stop, or exiting pit lane; whether a Driver passed the Driver's pit by more than one pit and was pushed back to the pit.
- (10) Whether a Car successfully completed technical inspection; whether a Car involved in a crash prior to the Race may be repaired or must be replaced by a backup Car and start at the rear of the starting grid; whether a Car is in a hazardous condition or was involved in contact such that it will not be permitted to continue in an Event, or whether to approve technical and structural changes during a Race.
- (11) Whether to declare a red condition during a Race, to declare a Car was involved in a crash during or subsequent to the red condition, to restart a Race stopped by the declaration of the red condition, or to rule a Race complete.
- (12) Whether a Car caused an avoidable yellow or red condition.
- (13) Whether to declare a Race completed, canceled, postponed, temporarily stopped or delayed.

Notwithstanding the foregoing, Officials may review a decision that is non-protetable as they deem appropriate. Review of a non-protetable decision does not render it protetable or appealable.

The Senior Official may decline to accept a protest, even if the matter were otherwise protetable, if he determines that the alleged Rule violation is so insubstantial as to not provide a Member with a significant competitive advantage over other Members.

12.4 Jurisdiction - The Senior Official shall have the exclusive jurisdiction to resolve all protests. Notwithstanding the foregoing, the Senior Official shall have the right, in his discretion, to select an individual or individuals to resolve a protest with all of the powers and responsibilities of the Senior Official set forth in this Rule XII. The jurisdiction of the Senior Official is limited to those matters and issues submitted to the Senior Official by the protestant. The decision which is the subject of the protest shall not be stayed pending the protest unless otherwise determined by the Senior Official and upon such terms as the Senior Official deems appropriate.

12.5 Advisory Committee – While the Senior Official has no obligation to use an advisory committee, the Senior Official may choose to use an advisory committee selected by the Senior Official to assist in making a determination on a protest. The members of the committee shall consist of individuals involved with automobile racing, but who do not have a financial interest in the outcome of the protest. The advisory committee may make a recommendation as to the disposition of the protest, but any determination is in the discretion of the Senior Official.

12.6 Hearing of the Protest - The Senior Official may cause an investigation to be made into the matters surrounding the protest and shall convene a hearing within 14 days of receipt of the protest notice unless the hearing date is extended by the mutual agreement of the Senior Official and the protestant. The

protestant and any Member requesting an opportunity to participate and who the Senior Official determines has a material interest in the protest (as described in Rule 13.4) shall be entitled to be heard and given an opportunity to call witnesses and shall be given adequate notice of the hearing. If a Member is called as a witness and fails to appear, INDYCAR may revoke the Member's membership or otherwise penalize the Member. The hearing shall be informal and shall be confined to the errors claimed in the protest and evidence relevant to those errors. The decision of the Senior Official on the protest shall be final and binding on all Members, subject only to the right to appeal the decision under the Rules. Any award withheld as a result of a protest shall continue to be withheld until the protest has been finally adjudicated in accordance with the Rules.

12.7 Compliance with Procedure - Any protest failing to comply with the Rules may be denied and disregarded. Any error not specifically raised in the protest shall be deemed to have been waived.

XIII. APPEALS

13.1 Initiation of an Appeal - To the extent permitted under the Rules, any Member may appeal a determination by the Senior Official on the imposition of a penalty or on a protest. An appeal may be initiated by submitting the following to the Appeal Official by 5 p.m. E.D.T. of the second business day following the release of the penalty notice or protest decision:

A. Written Notice of Appeal - The notice of appeal must contain reference to the specific action by INDYCAR from which an appeal is taken, the date of the occurrence, the reasons for the appeal, and specific reference to any Rules allegedly violated and the relief requested. The notice of appeal must be accompanied by copies of all written documents pertaining to the appeal, such as protests, responses, rulings, declarations, etc. The notice of appeal must clearly and explicitly state the basis of the appeal.

B. Appeal Fee - The appeal fee is \$7,500 and is non-refundable. The appeal fee is in addition to the protest fee and any monetary penalty previously assessed.

C. Violation Involving Multiple Members - Where more than one Member of the same Entrant is involved in the same violation of the Rules, the Appeal Official may at his discretion allow one written notice of appeal and appeal fee to cover all such Members. In order to not lose any rights an Entrant may have, a request under this Rule 13.1(C), should be made and approved by the Appeal Official within the two day period.

13.2 Jurisdiction - The Appeal Official shall have the exclusive jurisdiction to resolve all appeals. Notwithstanding the foregoing, the Appeal Official shall have the right, in his discretion, to select an individual or individuals to resolve an

appeal with all of the powers and responsibilities of the Appeal Official set forth in this Rule XIII. The jurisdiction of the Appeal Official is limited to those matters and issues submitted to the Appeal Official by the appellant. The decision which is the subject of the appeal shall not be stayed pending the appeal unless otherwise determined by the Appeal Official and upon such terms as the Appeal Official deems appropriate.

13.3 Advisory Committee – While the Appeal Official has no obligation to use an advisory committee, the Appeal Official may choose to use an advisory committee selected by the Appeal Official to assist in making a determination on an appeal. The members of the committee shall consist of individuals involved with automobile racing, but who do not have a financial interest in the outcome of the appeal. The advisory committee may make a recommendation as to the disposition of the appeal, but any determination is in the discretion of the Appeal Official.

13.4 Hearing of the Appeal - The Appeal Official may cause an investigation to be made into the matters surrounding the appeal and shall convene a hearing within 30 days of receipt of the appeal unless the hearing date is extended by the mutual agreement of the Appeal Official and the appellant. The appellant and any Members requesting an opportunity to participate in the proceeding and which the Appeal Official determines to have a material interest in the proceeding shall be given notice of the hearing and shall be entitled to be heard and call witnesses. The effect on championship point standings does not constitute a “material interest”. In the Appeal Official’s discretion, he may permit a Member to be represented by counsel.

13.5 Conduct of the Appeal Hearing - The hearing will be conducted according to the following procedures:

- A.** The hearing is not open to the public and admittance to the hearing is at the discretion of the Appeal Official. The Appeal Official shall conduct the hearing in an informal manner.

B. The Appeal Official shall identify the parties and other necessary participants in the proceedings. The Appeal Official may summon any Member to testify at the hearing.

C. The Appeal Official may exclude from the hearing room or from further participation in the proceedings any individual who engages in improper conduct in relation to the hearing.

D. The Appeal Official shall not be limited to the technical common law rules of evidence required in judicial proceedings but shall be satisfied the evidence submitted is of a type on which the Appeal Official can rely. The Appeal Official may exclude irrelevant, immaterial or unduly repetitious evidence.

E. All parties to the proceedings shall be permitted to present and cross-examine witnesses and to submit evidence, both oral and documentary. The burden of proof shall remain at all times on the appellant.

F. The Appeal Official shall consider only evidence introduced during the hearing and there shall be no transcript of the hearing unless the Appeal Official determines otherwise.

G. The Appeal Official shall not consider matters not assigned as error in the original protest or matters outside the scope of the submission by the appellant.

13.6 Structure of the Appeal Hearing - The Appeal Official shall conduct the hearing in the following manner. Prior to opening statements or the submission of proof by the appellant, the Appeal Official may request that the Senior Official submit an explanation of the basis of his decision.

A. Opening Statements - The parties to the proceedings will be permitted to make opening statements, with the

appellant making the first opening statement. Each party shall state the issue(s) before the Appeal Official and a brief summary of the position of the party with respect to such issue(s).

B. Order of Proof - The evidence shall be received by the Appeal Official in the following order:

(1) The appellant shall first submit and present evidence in support of the appeal. Upon the completion of direct examination, each witness shall be subject to cross-examination by the other parties and by the Appeal Official.

(2) The Senior Official and the other parties shall then be permitted to present evidence, and any witnesses presented shall be subject to cross-examination by the appellant, by other parties, and by the Appeal Official.

C. Closing Arguments - Upon completion of the evidentiary portion of the hearing, all parties, beginning with the appellant, may make closing arguments.

13.7 Powers of the Appeal Official - The Appeal Official shall have the following powers:

A. To call, examine and cross-examine witnesses; to receive and rule upon relevant evidence; to regulate the course of the hearing and, if appropriate or necessary, to exclude individuals or counsel for contemptuous conduct and to strike and disregard all testimony of witnesses refusing to answer proper questions; to dispose of procedural requests, motions or similar matters; to dismiss appeals or portions thereof; to require a party at any time to state its position concerning any issue in the appeal or its theory in support thereof; and to pronounce a just remedy within the Rules for the penalty, result or circumstance at issue.

B. To require the appellant to post an adequate bond to cover the costs of the appeal or any reasonable foreseeable economic harm to INDYCAR or other Members that might be caused by the appeal. If the Appeal Official requires a bond, its form and substance shall be in the discretion of the Appeal Official.

C. To order the appellant against whom a final decision is rendered to pay all costs and expenses, including attorneys' fees, incurred by INDYCAR and the other parties if the Appeal Official determines the appeal was frivolous.

D. To take any other action deemed appropriate for a just and expeditious conclusion of the hearing.

13.8 Determination of the Appeal – There is no deadline for the issuance of a decision by the Appeal Official. The time frame will depend upon the nature of the appeal. It is anticipated that a decision will normally be issued within 30 days.

13.9 Appeal Procedure Final - Decisions of Officials on the interpretation of the Rules, scoring of positions and penalties shall be final and binding unless such decisions and penalties may be protested and/or appealed under the Rules, are protested and appealed within the time limitations and other procedures prescribed by the Rules, and such protests or appeals are pending.

A. A Member's exclusive right to contest a decision or the Rules is within the protest and appeal procedure of INDYCAR, and any decision reached within this procedure is final and binding.

B. Any unappealed protest decision by the Senior Official or any appeal decision by the Appeal Official on these or any other matters shall be final and binding.

C. No court action of any kind may be taken by any

Member.

D. By submitting a membership application and in consideration of receiving the numerous benefits available, each Member agrees to abide by the decisions of Officials and agrees that such decisions are final, non-appealable (except as provided by the Rules) and non-litigable.

E. Any Member participating in an Event waives any rights such Member may otherwise have to be a party or to take any action in court seeking legal or equitable relief against any decision or action of any kind by INDYCAR, its Officials or anyone acting on behalf of INDYCAR.

F. Each Member acknowledges that participation in an Event by other Entrants, Drivers and Members is in part in reliance on this waiver.

G. If a Member initiates or participates in litigation in violation of the Rules, all membership privileges shall thereupon be suspended and the Member agrees to reimburse INDYCAR, its affiliates, and other named Members for all costs of litigation including without limitation travel expenses and attorneys' fees.

13.10 Compliance With Procedures - Any appeal that fails to comply with any of the foregoing requirements may be dismissed and disregarded. Any error not specifically raised in the protest or appeal shall be deemed to have been waived.

XIV TECHNICAL SPECIFICATIONS

14.1 General -

A. All components provided by INDYCAR, a manufacturer, a Licensee or an Event Promoter must be used as supplied and without modification. This includes but is not limited to the following:

- (1) Ear Pieces
- (2) Attenuators and Brackets
- (3) Wickers
- (4) Timing Transponders and Covers
- (5) Wiring Harnesses
- (6) Impact Recorders
- (7) Rev limiters
- (8) Track Condition Radios
- (9) Camera Mounts, Covers and RF Antennas
- (10) Headrest Fasteners/Lanyards
- (11) Licensee Equipment
- (12) Fuel Tanks (Indianapolis 500 Mile Race, Brazil and Motegi Events only)
- (13) Engines
- (14) Rain Lights and Brackets
- (15) Tires
- (16) Rear Wing Flaps
- (17) Road/Street Course Kits
- (18) Two-Piece Headrest Rear Cover

B. If a Rule permits a modification, the request must be made in writing a minimum of 7 days prior to the date of intended use. INDYCAR will approve/deny the request in writing a minimum of 5 days prior to the date of intended use.

C. Tape is not permitted as a single source of attachment for any component unless pre-approved by INDYCAR.

D. Covers, other than bodywork, may only be used on a Car when a Car is in its assigned garage. Notwithstanding the foregoing, rain covers may be used during inclement weather conditions.

E. No form of heating may be used on a Car when the Car is outside its assigned garage.

F. No form of cooling may be used except cooling towels applied to bodywork and Driver cooling devices.

G. The technical specifications for Short Oval Events shall apply to Road/Street Course Events, except as otherwise provided.

14.2 Design and Construction - All phases of design and construction of any component are subject to the approval of INDYCAR. Additional manufacturer guidelines are available from the INDYCAR office.

14.3 Inspections -

A. The bottom of the chassis structure establishes the "chassis reference plane." For purposes of technical inspection, the "chassis hard points" of the Car as it is presented on the Track, excluding any skid plates and/or rub blocks, shall be the measurement reference point.

B. Four hard points 3 mm thick each manufactured from steel must be bolted to the chassis. These hard points shall be 1.500 inches in diameter. If damaged, the hard points may be shimmed to restore them to the chassis Manufacturer's original height.

C. All Cars, parts, equipment and items must complete technical inspection to be eligible for an Event. Officials may inspect all Cars, parts, equipment and items for

conformity with the Rules at any time for any reason. Officials in their discretion shall determine what constitutes technical inspection, which may vary by Car and Event.

D. Completion of technical inspection does not guarantee against disqualification or other penalty if any violation is discovered during any subsequent inspection.

E. Officials may impound or confiscate a Car, part, equipment, item or data associated with a Car, a Driver, or an Entrant. Return of a Car, part, equipment, item or data by Officials does not mean that it complies with the Rules.

F. Officials may examine any Car involved in a crash and determine if it is suitable for further participation, and all Members shall cooperate in the preparation of damage reports, photographs, videotaping and impact recording analysis.

G. Any Entrant refusing to allow the Entrant's Car to be inspected or to follow the prescribed inspection procedures may be penalized.

H. INDYCAR is not responsible for payment, reimbursement, damage or loss to any Member as a result of inspection procedures, impounding or confiscation.

I. A copy of all required INDYCAR inspection forms must be submitted to INDYCAR for approval before the designated Events.

(1) All parts indicated on any INDYCAR inspection forms or in an INDYCAR bulletin must be tested by the appropriate nondestructive testing techniques or as otherwise directed by Officials. These inspections shall be performed by an INDYCAR-approved inspection station before the following Events:

(a) St. Petersburg,

- (b) Indianapolis 500 Mile Race, and
- (c) Infineon.

INDYCAR may require additional inspections during the season.

(2) The original of all required chassis-repair forms must be submitted to INDYCAR for approval prior to the Car participating in the next Event. Repairs may only be made by the following INDYCAR-approved repair stations:

- (a) Aerodine Composites
- (b) Applied Composites
- (c) EG Composites
- (d) Mark One Composites
- (e) Multimatic
- (f) Indy Composite Works
- (g) JT Composites

(3) Attenuators may only be repaired by Mark One Composites.

J. Decorative chrome plating cannot be used on any parts requiring magnetic inspection. All parts which are painted, plated, or have special coatings must be stripped prior to nondestructive testing and inspection.

K. All stressed parts which have been heated or which have had their shape physically changed must be inspected with the appropriate nondestructive testing method prior to use.

L. After a crash during a Test, an Entrant must present the following items to INDYCAR, upon request:

- (1) Driver's Helmet
- (2) Driver's Head Restraint System
- (3) Driver's Seat
- (4) Chassis Headrest
- (5) Steering Wheel
- (6) Ear Pieces

INDYCAR will inspect the items. At the discretion of INDYCAR, any item that does not successfully complete inspection must be repaired, re-certified or replaced by the Entrant at the Entrant's cost prior to use.

14.4 Car Size, Car Wheelbase, Car Weight and Driver Equivalency Weight -

A. Car Size -

- (1) The overall minimum length of the Car is 192 inches, excluding any rear attenuating devices.
- (2) The overall maximum front and rear track width of the Car, as measured from the hub centerline, shall not exceed 78.500 inches or be less than 77.500 inches.

B. Car Wheelbase -

- (1) Oval Events - The wheelbase of the Car is limited to 121.500 inches to 122.000 inches.
- (2) Road/Street Course Events - The wheelbase of the Car is limited to 121.250 inches to 122.000 inches.

C. Car Weight -

- (1) The overall minimum weight of the Car includes all lubricants and coolants but does not include the fuel or Driver.
 - (a) Oval Events - 1575 lbs, plus a Driver Equivalency Weight.
 - (b) Road/Street Course Events - 1650 lbs, plus a Driver Equivalency Weight.
- (2) If ballast is utilized to reach the minimum Car

weight, it must be securely bolted in the main chassis structure from a line behind the pedal bulkhead or securely attached within the bellhousing in an INDYCAR approved location.

D. Driver Equivalency Weight -

(1) INDYCAR shall determine the additional Driver Equivalency Weight required and shall notify each Entrant by bulletin.

(2) The Driver Equivalency Weight must be installed equally on each side of the fuel cell compartment. (See **Illustration**).



(3) The Driver Equivalency Weight must be a hard dense metal.

E. Violation of this Rule 14.4 may result in a minimum \$100,000 monetary fine and/or such other penalties as INDYCAR in its discretion shall deem appropriate.

14.5 Chassis -

A. Vertical Spine -

(1) A vertical spine 0.250 inches minimum height, 0.275 inches maximum height and 0.050 inches (+/- 0.005 inches) thick must be positioned on the Car centerline from the tip of the nose to the most rearward edge of the Engine cover with the exclusion of the cockpit opening, windscreen and camera installation.

(a) Short Oval nose spines must begin at a point 24 inches forward from the nose to tub intersection.

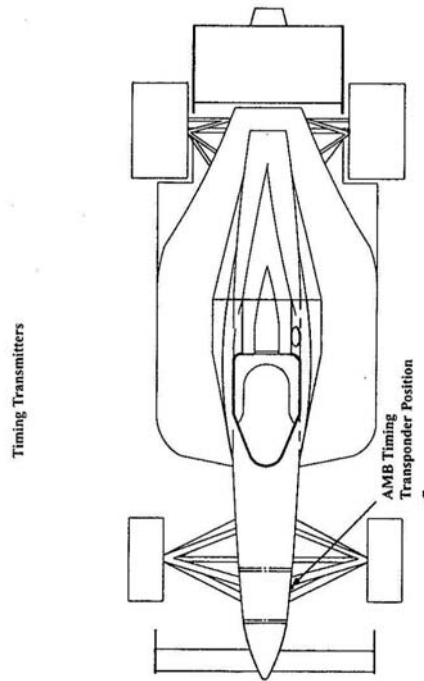
(b) Speedway nose spines must begin at a point 28.750 inches from the tub to nose split line.

(2) The spine may be cut with the minimum required clearance for installation purposes to gain access for removable panels, transmitting and receiving devices and pitot tubes. A base width of 0.500 inches to 1 inch (+/- 0.005 inches) may be used for attachment purposes. The transition radius must not exceed 0.062 inches. At the tip, a 45-degree chamfer can be used with a 0.500 inch blend radius.

B. Timing Transponder

(1) A timing transponder and cover must be located on the left side of the Car in a position determined by INDYCAR.

(2) Timing transponders and covers will be distributed by Officials prior to the first practice session for each Event. At the conclusion of each Event, each Entrant must return the timing transponder to Officials. (See Illustration).



The transponder location is 33.187 from the nose of the Car, and 10" from the reference plane. This is measured off the skid plate not the tub assembly.

(3) The only INDYCAR approved substance which may be applied to the timing transponder cover is paint. No material may be added which may affect the timing transponder's ability to transmit a signal.

C. On Board Fire Equipment - Each Car must have built-in operable fire extinguishing equipment with a minimum content of 2.250 liters located inside the chassis and within the wheelbase. The U.S. Department of Transportation approved fire suppressant must be AFFF-M-E fluid.

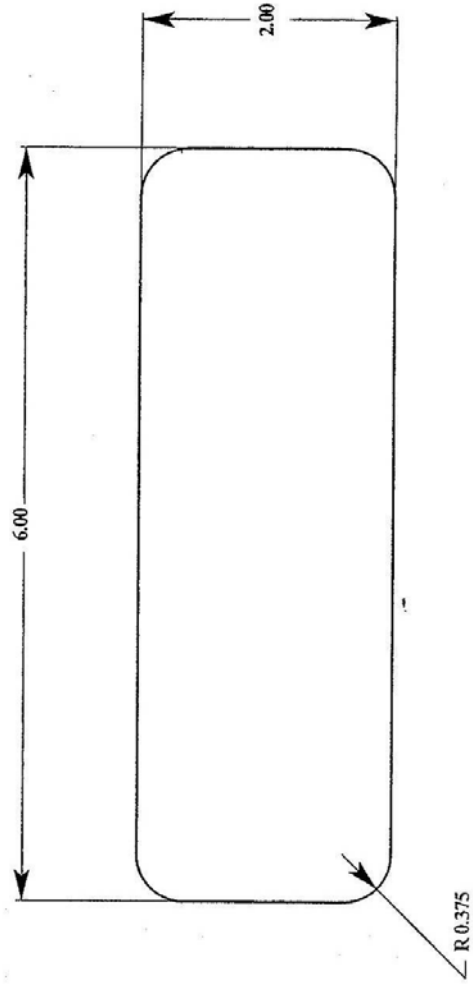
D. Impact Recorders - All Cars must make provisions for the installation of an impact recorder.

(1) The impact recorder must be securely bolted using 4 bolts to the main chassis structure in a position determined by INDYCAR.

(2) The impact recorder download block and indicator lights must be within and flush mounted with the dash panel face. The block must be mounted from the back with the lights pointing towards the Driver to permit Officials to view the lights from outside the Car. The location is not fixed on the dash as long as the mating LEMO connector can be plugged in with the steering wheel removed.

E. Mirrors - The mirror design is restricted as follows:
(See Illustration)

Minimum Mirror Glass Dimensions



The mirrors must be positioned on the Car to provide the Driver with maximum rearward and lateral vision at all times.

- (1) If an Entrant participated in the 2010 IZOD IndyCar Series season, the Entrant must use the mirror design submitted by the Entrant and approved by INDYCAR for use or select the INDYCAR-approved mirror design manufactured by Aerodine Composites (Part #ALG08-717 or 718) or Prototype Development (Part #04PDLLC).
- (2) If an Entrant did not participate in the 2010 IZOD IndyCar Series season, the Entrant must select an INDYCAR-approved mirror design manufactured by Aerodine Composites (Part #ALG08-717 or 718) or Prototype Development (Part #04PDLLC).
- (3) The Entrant must notify INDYCAR in writing of its mirror selection prior to March 1, 2011. The Entrant's selection will remain in effect for the entire season.
- (4) The entire mirror must be located in a box area beginning at the most forward point of the sidepod and projecting 24 inches towards the rear of the Car.
- (5) All Cars must be equipped with right and left side rearview mirrors in a fixed symmetrical position.
- (6) The mirror must provide the Driver with maximum rearward and lateral vision.
- (7) The mirror housing may not extend more than 0.250 inches behind the mirror face.
- (8) The maximum height of the mirror assembly cannot exceed 27.5 inches measured from the chassis hard points.
- (9) No part of the Mirror can be viewed from the underside of the Car.
- (10) Mirror lenses must be rectangular and have

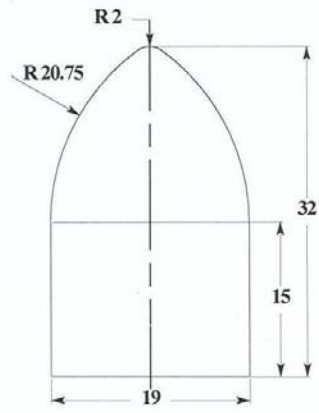
minimum dimensions of 2 inches high x 6 inches wide. The radius in each corner must be a maximum of 0.375 inches.

(11) If a mirror assembly and/or glass comes off of a Car during an Event, the Car will not be permitted to continue in the Event until the mirror assembly and/or glass has been repaired or replaced and approved by INDYCAR.

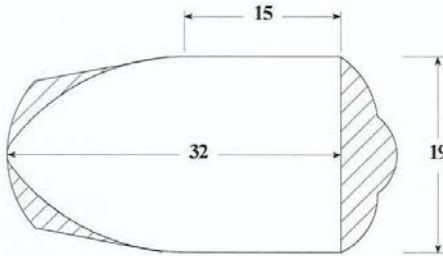
F. Cockpit –

(1) The cockpit must conform to specifications on a plane parallel to the ground and level with the uppermost point of the body or windscreen.

(2) The cockpit must accommodate the template. **(See Illustration)**. The template must be positioned parallel to the chassis reference plane and extend into the cockpit for a depth of 1.000 inch from the lowest point of the cockpit rim. Only the steering wheel and the cockpit padding may encroach in this area.



COCKPIT TEMPLATE DIMENSIONS



The cockpit template should be inserted parallel to the reference plane and enter the cockpit area to a depth of one inch.

(3) Cars must incorporate a removable inner panel in the footbox and leg area to minimize the risk of leg injuries.

G. Windscreen – All windscreens must be approved by INDYCAR prior to use.

H. Seating System - (See Illustration)

(1) Each seat must be manufactured for a specific Driver. Each seat must have a unique identification tag from the seat manufacturer and be date stamped. All seats must be inspected and approved by Officials before use and will be subject to re-inspection by Officials at any time. INDYCAR may require a seat to be replaced.

(2) The Driver's seat must conform to the Driver's anatomy and be constructed of a material that will permit support and energy-attenuation both laterally and rearward. This material must fill as much of the cockpit under and to the side of the Driver as possible. The seating system must be in place when the Car is inspected.

(3) When the Driver is seated, there must be a smooth transition of energy-attenuating materials between the top of the seat and the cockpit rim padding, including the rear headrest. There must be no projections that could provide a fulcrum between the Driver's head and neck.

(4) Energy-attenuating materials must be used behind and alongside the Driver to absorb impact. At any point where the seat belts or shoulder straps pass through the seat or body structure of the Car, the edges must be rolled or have grommets to lessen the likelihood of chafing or cutting of the belt and strap material.

(5) Seat Belts - An approved seat belt with a quick-release mechanism must be used. Both the fastening design and condition of the belt is subject to inspection by Officials. Life of the belts in use shall not exceed 2 years and must be date-stamped by the manufacturer. HANS® specific double-shoulder belts are permitted, provided they are mounted and used according to manufacturer specifications. All belts must conform to the following SFI Specifications: 3 inch SFI 16.1, 2 inch SFI 16.5.

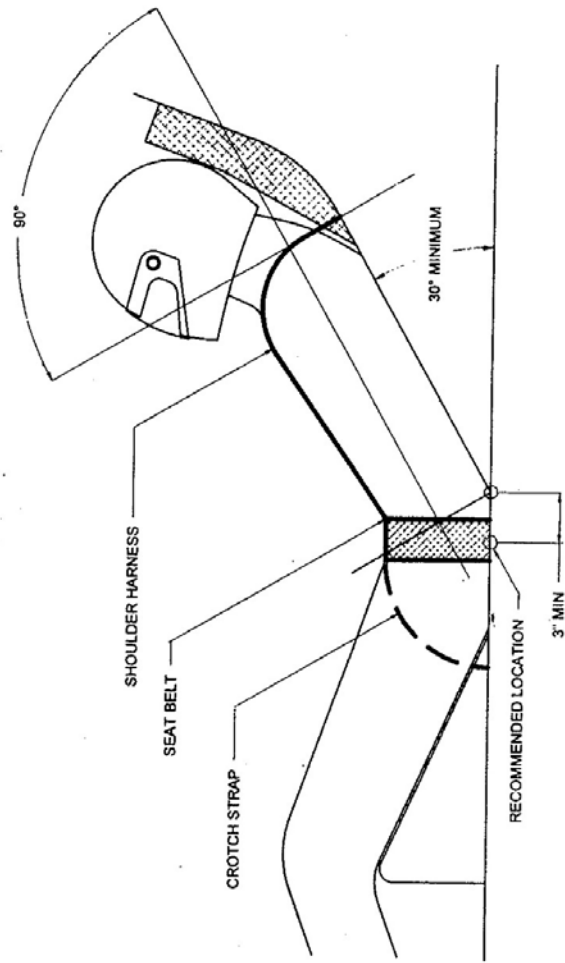
(a) Seat belts must be worn in such a manner that they are tight and pass around the pelvis at a point below the anterior superior iliac spines.

(b) Seat belts should not pass over the sides of the seat. They should come through the seat at the bottom on each side thereby wrapping and holding the pelvis over the greatest possible area.

(c) Five (5) or 6-point (crotch) belts must be connected to the main belt quick-release mechanism and securely attached to the chassis.

(d) Seat belts which have had to withstand a crash in excess of 50 Gs must be replaced.

(6) Shoulder Harness – Double over-the-shoulder straps must be used. Both the fastening design and condition of the straps is subject to inspection by Officials. Life of the straps in use shall not exceed 2 years and must be date-stamped by the manufacturer. Shoulder straps should be attached directly to a strong structural member of the chassis close behind the Driver's head and neck. At points of attachment, they should be 4 to 6 inches apart. They should be attached in a line approximately 90 degrees to the seat back and be approximately level with the top of the Driver's shoulders.



(7) Headrests -

(a) Headrests must be used as supplied by the manufacturer. Modifications must be approved by INDYCAR before use. Headrests must be filled with an INDYCAR-approved material and fitted with INDYCAR-approved locking mechanisms. Headrests must form a smooth transition with the seat back and be fitted to the Driver with the Driver's head restraint system in place.

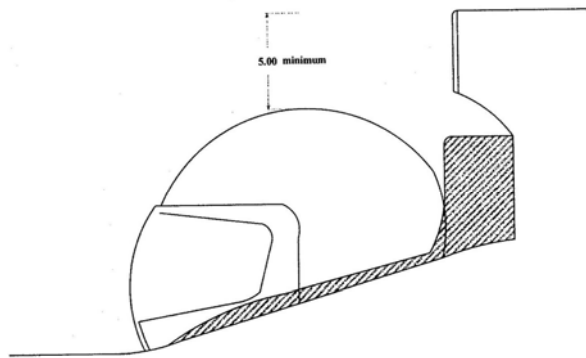
(b) All headrests must be inspected and approved by Officials before use and will be subject to confiscation and re-inspection by Officials at any time. Officials shall affix stickers to the headrests signifying approval for use. At any time, Officials may remove the approval stickers and require the headrests to be re-inspected and refurbished by an approved headrest repair station before INDYCAR may consider them for re-approval. The approved headrest repair stations are: Mark One Composites and JT Composites. The approved headrest repair station must submit to INDYCAR documentation stating that the headrest is approved for use in competition.

(c) Headrests must be attached by the 2011 INDYCAR-approved mechanism. The headrest must be in place during technical inspection.

(d) Additional Headrest Padding – Additional side padding must not exceed the height of the stock headrest as viewed from the side. Additional rear padding must not exceed the height or width of the headrest as viewed from the front. All padding must be contained in the original headrest dimensions as looked at in plan view. The additional headrest padding may

consist of three pieces (left side, right side and rear). The additional padding must be removable and independent of each other without the use of tools. All additional padding must be manufactured completely of foam, may have a single layer Kevlar backing that remains flexible, and not interfere with the original function of the stock headrest. Additional padding may not be taped along any surface. All additional pads and coverings must be inspected and approved prior to use.

I. Roll Hoop - The height of the roll hoop must be 5 inches above the top of the Driver's helmet (See **Illustration**).



J. Car Tracking System, Telemetry and In-Car Cameras -

(1) Car Tracking System - A car tracking system must be installed in the designated location(s) on each Car and must be operational at any time the Car is participating in Events unless otherwise notified by INDYCAR. The installation information is available from the INDYCAR office.

(2) Telemetry -

(a) All Entrants shall install, operate, use and permit the use of broadcast telemetry equipment, video equipment, sound equipment, and data and other positioning and informational systems, equipment and data as directed by INDYCAR. Entrants shall not install, operate, use or permit the use of any broadcast telemetry equipment, video equipment, sound equipment, and data and other positioning and information systems, equipment and data other than as directed by INDYCAR.

(b) All Members shall provide INDYCAR and/or INDYCAR's broadcast licensees, Versus, Inc. ("Versus"), ESPN, Inc. ("ESPN") and American Broadcasting Companies, Inc. ("ABC"), and their agents (together, the "Licensees") with access to all Cars for the purpose of installing equipment to collect, transmit, and record telemetry, video, sound, data and other information ("Licensee Equipment"). Such access shall include access for the purpose of operating, maintaining, updating, repairing, and/or replacing the

Licensee Equipment. No Member shall remove, intentionally damage, or otherwise tamper with the Licensee Equipment or permit any other individual to remove, intentionally damage or otherwise tamper with the Licensee Equipment. Entrants shall not distort, obscure or otherwise alter the telemetry, video, sound, data or other information. All Entrants shall assure that the following data regarding each Car is available for collection by the Licensee Equipment:

- (i) RPM
- (ii) Throttle Position
- (iii) Brake Pressure
- (iv) Gear
- (v) Steering Wheel Position
- (vi) Tire Temperature and/or Pressure
- (vii) Pressure Sensor on front of Car (if fitted)
- (viii) Fuel (to a degree of accuracy as specified by INDYCAR)
- (ix) GPS
- (x) 4 tire pressure sensor IDs

(c) INDYCAR shall own any and all telemetry, video, sound, data or other information generated or collected as described and control the use and dissemination of the telemetry, video, sound, data or other information as described in Rule 14.5(J). This Rule does not apply to the extent any telemetry, video, sound, data or other information is generated by and contractually owned by a third party licensed or authorized by INDYCAR and its designees.

(3) In-Car Cameras - Each Car must install one or more in-car cameras in locations designated by INDYCAR if requested. Cars without in-car cameras must install the INDYCAR-required equipment including without limitation the weighted cover, wiring, mock battery, and battery box. In either case,

Entrants must fit an INDYCAR approved camera housing. Entrants are permitted to use their own on board video equipment, provided it is used during practice only and pre-approved by INDYCAR.

14.6 Aerodynamics - Attachments or devices that are movable or adjustable while the Car is in motion and which may affect airflow or aerodynamics are not permitted.

A. Aerodynamic devices are not permitted from the trailing edge of the front wing to the leading edge of the sidepod or underwing.

B. Airfoil sections are not permitted between aft of the trailing edge of the front wing and forward of the rear wing airfoil or end fence.

C. Front Wings:

(1) Oval and Road/Street Course Events:

(a) The overall width of the airfoil assembly shall be a maximum of 62.350 inches plus or minus 0.050 inches, and the maximum width of the wing assembly including end fences shall be 63 inches centered on the longitudinal axis of the chassis.

(b) No aerodynamic device, except the vertical end fence, may extend past the trailing edge of the rearmost wing element.

(c) No vertical fence, end fence or divider can extend forward past the leading edge of the mainplane.

(d) The end fences must be flat on both sides, parallel to each other, and a minimum thickness of 0.300 inches plus or minus 0.025 inches. The end fences must be positioned at the outer end of

the mainplane and the edges must have a radius of 0.150 inches. Wickers may only be attached to the outer profile.

(e) The bottom surface of the wing shall be no less than 4 inches above the chassis hard points.

(f) The rearmost element may not encroach the area 14 inches forward of the front wheel centerline, measured perpendicular to the wheel centerline.

(g) No painting, adhesive film or any other substance may be added to the lower wing surface from a point 2 inches behind the leading edge of the wing to the trailing edge of the wing.

(h) The front wing must not deflect more than 0.300 inches with a suspended load of 100 pounds applied at each outer end of the front wing.

(2) Indianapolis 500 Mile Race Event and Speedway Events:

(a) The front wing must be used as supplied without modification.

(b) The trailing edge of the front wing must be a minimum thickness of 0.085 inches.

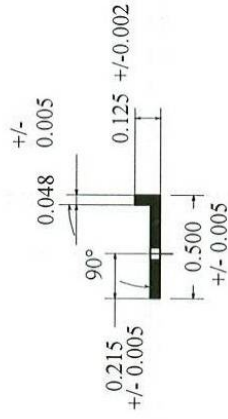
(c) The end fence may not be higher than 13 inches as measured from the chassis hard points.

(d) The bottom edge of the end fences must be a minimum of 3 inches above the chassis hard points.

(e) A mandatory 0.125 inch high wicker as measured from the top wing surface must be

fitted. (**See Illustration**). All front wing wickers must be one piece, attached at the top trailing edge and constructed from either extruded aluminum or carbon fiber. Any substance applied to the top surface of the wing must extend under the wicker.

Speedway Front Wing Wicker



MOUNTING HOLE POSITIONS

DALLARA

- FROM OUTBOARD EDGE OF WING 1.5 INCHES
- ADDITIONAL MOUNTING BOLTS 4 INCHES
- DISTANCE FROM OUTER BOLT 6 INCHES
- (EQUALLY SPACED)
- BOLT TYPE 8/32 BUTTON HEAD OR COUNTERSINK
- NUT TYPE 8/32 K NUT 3 THREADS MAX. EXPOSED
- ADDITIONAL ALL CORNERS TO BE 90 DEGREES
- MATERIAL CARBON OR ALUMINUM

(3) Short Ovals and Road/Street Course Events -

(a) Front wing flaps are an open development area with prior INDYCAR approval. A maximum of 2 elements per side is permitted. End fences must be used as supplied. Filling of the mounting slots is permitted, provided the mounting holes remain within the original designed slots. End fences and/or vertical fins may not be higher than 21 inches as measured from the chassis hard points. The bottom edge of the end fence or rub strip must be a minimum of 1 inch above the chassis hard points. The rubbing strip must be in a vertical plane.

(b) Any mainplane trailing edge extension is limited to 6.70 inches inboard of the flap support and 1.750 inches outboard of the flap support. The thickness can not exceed the mainplane trailing edge thickness. The extension may be attached only to the top surface; no blending on the lower surface is permitted. The trailing edge of the mainplane must be visible in bottom view. Wickers may only be attached to the most rearward top edge. A 2 inch maximum mounting flange is permitted.

(c) Divider -

Short Ovals – The divider is optional.

Road/Street Course Events - The divider is mandatory.

(i) Only one chassis Manufacturer supplied divider per side can extend below the surface of the front wing, and it must be in the chassis Manufacturer's specified location.

(ii) The divider must be parallel to the Car centerline and to the chassis reference plane of the Car.

(iii) The transition between the horizontal and vertical planes must be a 90 degree angle with a maximum 0.250 radius.

(iv) The divider in a horizontal plane cannot exceed 3 inches.

(v) No part of the divider may extend toward the center line of the Car more than 8 inches from the outer face of the front end fence.

(vi) The divider must be a minimum of 1 inch above the chassis hard points.

(vii) In side view, the divider cannot extend beyond the front and rear edges of the front end fence.

(d) Vertical fins can not extend below the lower surface of the mainplane. The lower surface of the mainplane is the total surface as viewed from under the Car, excluding any mainplane extensions.

(e) Wing flaps must be parallel to the chassis reference plane laterally.

(f) The left and right sides of the wing must be symmetrical.

(g) No part of the front wing assembly may be higher than 21 inches above the chassis reference plane.

(h) A maximum of 2 vertical splitters inboard of the end fence and above the mainplane surface is permitted. The outer splitter must be a minimum of 2 inches inboard of the inner face of the end fence. All vertical splitters must be a constant thickness throughout their length. Any stay used to support the splitter must not exceed a maximum cross section of 0.800 inches by 0.350 inches.

D. Rear Wings:

Short Ovals – Iowa

Flap Angle – top flap min. 55 degrees
(INDYCAR supplied)

Rear Wing Wicker Detail – minimum 1 inch wicker
Tire Ramps and Sidepod Extensions - optional
Brake Ducts – Short Oval/Speedway version
Curved Skid - No
0.125 inches front wing wicker - No

Short Ovals – Milwaukee and New Hampshire

Flap Angle – top flap min. 49 degrees
(INDYCAR supplied)

Rear Wing Wicker Detail – minimum 1 inch wicker
Tire Ramps and Sidepod Extensions - optional
Brake Ducts – Short Oval/Speedway version
Curved Skid - No
0.125 inches front wing wicker - No

Speedways – Texas and Kentucky

Flap Angle – minimum 10 degrees
(INDYCAR supplied)

Rear Wing Wicker Detail – minimum 1 inch wicker
0.500 inch vertical end fence wicker - no
Tire Ramps and Sidepod Extensions - optional
Brake Backing Plates - optional
Dust Rings - no
Curved Skid - yes
0.125 inches front wing wicker - yes

Speedways – Motegi

Flap Angle – minimum 15 degrees
(INDYCAR supplied)

Rear Wing Wicker Detail – minimum 1 inch wicker
0.500 inch vertical end fence wicker - no
Tire Ramps and Sidepod Extensions - optional
Brake Backing Plates - optional
Dust Rings - no
Curved Skid - yes
0.125 inches front wing wicker - no

All Road/Street Courses

Flap Angle - Free
Rear Wing Wicker Detail - Free
Tire Ramps and Sidepod Extensions - Optional
Brake Ducts – Road/Street Course version
Curved Skid - no
0.125 inches front wing wicker – no

Indianapolis 500 Mile Race Event

Flap Angle – not applicable
Rear Wing Wicker Detail – no
0.250 Inch Reverse Wicker - yes
Tire Ramps and Sidepod Extensions - optional
Brake Ducts – optional
Curved Skid - yes
0.125 inches front wing wicker - yes

(1) Oval Events and Road/Street Course Events:

(a) All rear wing mainplane and flaps must be used as supplied by the chassis Manufacturer.

(b) No painting, adhesive film or any other substance may be added to the mainplane, except as provided below:

(i) The top surface of the mainplane must be covered with

the approved mainplane wrap supplied by Performance Graphix. The mainplane wrap must be used as supplied and start at the trailing edge. The mainplane wrap may have printing and decals applied, provided the printing or decals are approved by INDYCAR prior to use.

(ii) One 2.0 inch strip of helitape may be placed along the leading edge of the mainplane, provided it is applied 1.0 inch below and 1.0 inch above the centerline of the leading edge of the mainplane.

(iii) Entrants are permitted to fill the wicker slot and feather into the mainplane a maximum of 1.5 inches. The lap joint at the front of the wing may be feathered a maximum of 0.500 inches either side of the joint. Neither of these permitted modifications can alter the intended wing profile.

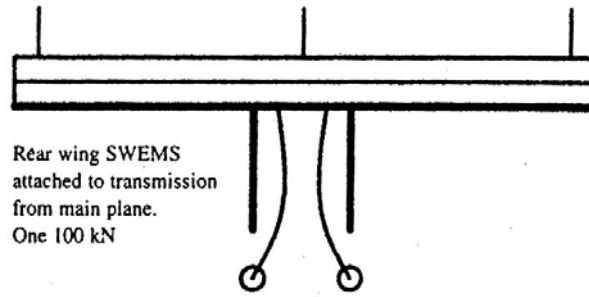
(iv) During initial technical inspection at each Event, the rear wing must be presented without the mainplane wrap.

(c) The end fences must be flat on both sides, parallel to each other, perpendicular to the chassis reference plane and have a thickness of 0.300 inches, plus or minus 0.050 inches. The end fence edges must have a radius of 0.150 inches. Spacers between the end fences and

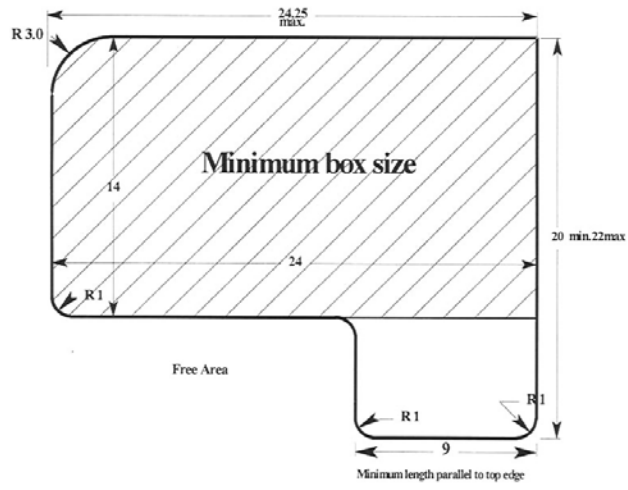
airfoil must follow the airfoil profile.

(d) The maximum deflection of the rear wing mainplane is 0.100 inches with an INDYCAR-applied load of 250 lbs. The maximum deflection of the flaps is 0.050 inches with an INDYCAR-applied load of 100 lbs. (See **Illustrations**).

Rear wing 250 lbs pull trailing edge 4" from end of wing left & right side max def .100". Max def center of wing .100".



REAR WING END FENCE
(Oval/Street or Road Course Events)



(e) The maximum overall width of the rear wing assembly must not exceed 42.500 inches. The width of the mainplane and flaps must be 41.750 inches, plus or minus 0.050 inches.

(f) No device may be used which affects the performance of the standard rear wing assembly.

(g) The rear wing pillars and brace must be used as supplied by the chassis Manufacturer without modification. The brace has an installation tolerance of +/- 5 degrees. A carbon fiber cover must be used to cover the rear wing SWEMS.

(h) The rear wing mainplane must be between minus 2 degrees to minus 2.500 degrees.

(i) The trailing edge of the rear wing mainplane must be a minimum thickness of 0.230 inches and a maximum thickness of 0.250 inches. The trailing edge of the top flaps must be a minimum thickness of 0.170 inches and a maximum thickness of 0.190 inches.

(j) The INDYCAR supplied wicker must be attached in the INDYCAR designated holes. Bolts must be either 10-32 counter sunk or button-head bolts with a maximum of 3 threads exposed. In either case, a standard K-nut must be used. Any substance applied to the top surface of the wing must extend under the wicker.

(2) Indianapolis 500 Mile Race Event and Speedway Events:

(a) The height, as measured from the chassis hard points to the trailing edge of the horizontal airfoil, must not exceed 31.250 inches or be less

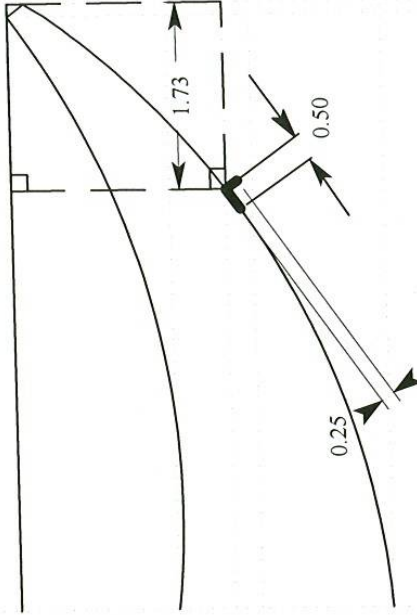
than 31 inches.

(b) The end fences must have a minimum length of 24 inches and a maximum length of 24.250 inches. The end fences must have a minimum height of 14 inches and a maximum height of 14.250 inches. The leading vertical edge of the end fence must be a minimum of 11 inches, which must be maintained throughout the 24-inch length. The lower horizontal edge must be a minimum 18 inches long and parallel to the top edge. The 18-inch dimension must be maintained throughout the height of the end fence and be visible behind the rear tire in side view. As measured from the wing trailing edge, the end fence must be a minimum of 3.500 inches and a maximum of 5 inches above the mainplane. The top edge of the end fence must be parallel to the chassis reference plane. All radii must be 1 inch. The wing element and wicker must be retained inside the dimensions of the end fence. The end fences must be secured to the mainplane, and the number of bolts must be the same as in the drawings submitted originally by the chassis Manufacturer. Slotting or enlarging of the mounting holes in the end fence is not permitted.

(c) No part of the rear wing end fences may extend rearward of the rear axle centerline (as measured at the centerline of the transmission output flange) more than 30 inches.

(d) At the Indianapolis 500 Mile Race Event, a 0.250 inch reverse wicker supplied by INDYCAR must be mounted on the underside of the rear wing mainplane 1.730 inches from the trailing edge (**See Illustration**). The wicker must be attached with silicone and a minimum of 5 or maximum of 6 flush rivets evenly spaced

along the wicker. A maximum 0.020 inch gap per side is permitted between the wicker and the end fence.



(3) Indianapolis 500 Mile Race Event

(a) Wing adjusters (sliders) and team manufactured rear wing pillars are permitted and must be approved by INDYCAR prior to use.

(1) The rear wing adjuster mounts cannot exceed 1.250 inches in thickness, 11.600 inches in length, and 3.50 inches in height from the highest point on the attenuator. The horizontal braces/adjuster mechanism cannot exceed 1.200 inches in thickness or have a combined width of more than 5.400 inches. Wing profiles are not permitted.

(2) The rear wing pillars must be manufactured from an INDYCAR-approved material. No lightening pockets are permitted. The sides of the wing pillars must be parallel to each other, parallel and symmetrical to the centerline of the chassis and have no aerodynamic shapes. The wing mounting pillars must be a maximum length of 9.900 inches, with a maximum thickness of 0.375 inches, and a minimum thickness of 0.250 inches. Wing pillars may not exceed the width of the rear attenuator.

(3) The rear wing pillar brace must be used as supplied by the chassis Manufacturer without modification. It must be fitted at a 3.375 inch minimum to 6.875 inch maximum below the lower rear wing surface. The brace has an installation tolerance of +/- 5 degrees.

(4) Speedways (See Illustrations):

(a) The relationship of the wing element to the mainplane must remain as designed. The nominal slot gap must be 0.645 inches, plus or minus 0.031 inches with the flap set at 10 degrees.

Speedways -

Flap Angle	Min.	Std.	Max.
10	0.614	0.645	0.676
12	0.63	0.661	0.692
15	0.651	0.682	0.713
20	0.683	0.714	0.745

Short Oval -

Mid. Flap Angle	Min.	Std.	Max.
34.4	0.492	0.523	0.555

Top Flap Angle	Min.	Std.	Max.
49	0.182	0.213	0.244
55	0.22	0.251	0.282
61	0.253	0.284	0.315

The flap angles are in degrees. The slot gaps are in inches.

(b) The height as measured from the chassis hard points with the flap angle at 10 degrees to the highest point of the flap and/or end fence, excluding wickers, must not exceed 29.750 inches or be less than 29.500 inches. The end

fences must be positioned so that a minimum of 3.500 inches and a maximum of 5 inches extend above the flap when it is set at 10 degrees.

(c) Flap -

(i) A flap supplied by INDYCAR must be used without modification. All flaps must be returned to INDYCAR following the conclusion of a Race. If the flap is damaged, the Entrant is responsible for the repair or replacement cost of the flap.

(ii) The mainplane must be the same width as the flap. Shimming is permitted on the mainplane, provided it does not exceed the width of the flap. Shimming of the flap is not permitted.

(iii) A mandatory bobbin supplied by the chassis Manufacturer must be used. The bobbin must be located between the flap angle adjustment bolt and the end fence.

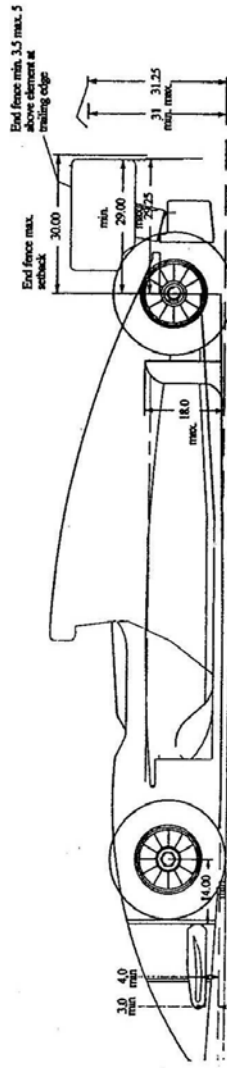
(iv) Flaps must be covered with the approved flap wrap supplied by Performance Graphix. The flap wrap may have printing and decals applied, provided the printing or decals are approved by INDYCAR prior to use. The flap must have a 2 inch strip of heli-tape placed along the leading edge evenly spaced front to rear.

The flap wrap must be removed
before the flap is returned to
INDYCAR.

Speedway Wing Dimensions



Indianapolis 500 Mile Race Wing Dimensions



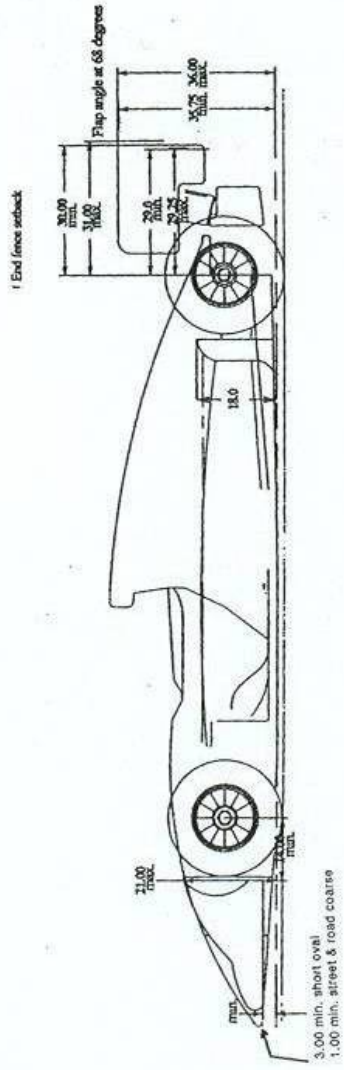
(5) Short Ovals and Road/Street Course Events:

(a) The relationship of the 1st element to the mainplane must remain as designed. The 1st element must be set at 34.4 degrees with a nominal slot gap of 0.523 inches, plus or minus 0.031 inches.

(b) The 2nd element must retain the approved pivot point. The slot gap between the 1st and 2nd elements must be a nominal dimension of 0.214 inches, plus or minus 0.031 inches with the flap set at 49 degrees.

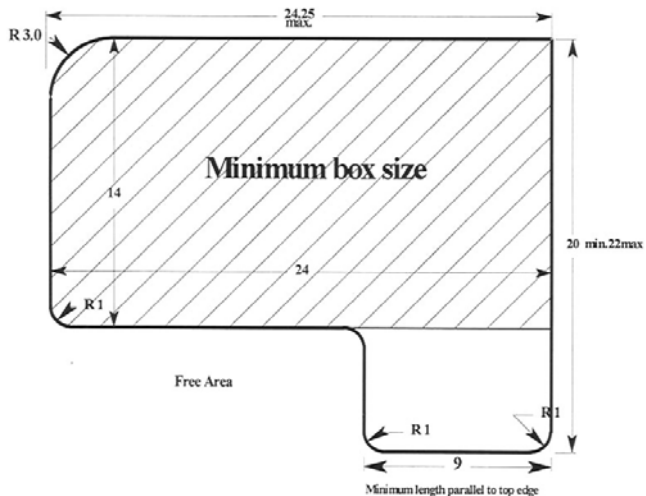
(c) The height, as measured from the chassis hard points with the flap angle at 68 degrees to the highest point of the topmost flap and/or end fences excluding wickers, must not exceed 36 inches or be less than 35.750 inches. (**See Illustration**).

Short Oval Wing Dimensions



(d) The rear wing end fence must have a minimum length of 24 inches, a maximum length of 24.25 inches, a minimum depth of 20 inches, and a maximum depth of 22 inches. With the top and rearmost edge as a reference, the end fence must contain a minimum box size of 24 inches wide by 14 inches deep. The 9-inch dimension on the end fence lower edge must be positioned adjacent to the rear edge of the end fence. All radii must conform to the **Illustration**. The top edge must be parallel to the chassis reference plane. No holes are permitted in the end fence other than the attachment holes for the mainplane and flaps. All attachment bolts must be in place and tight.

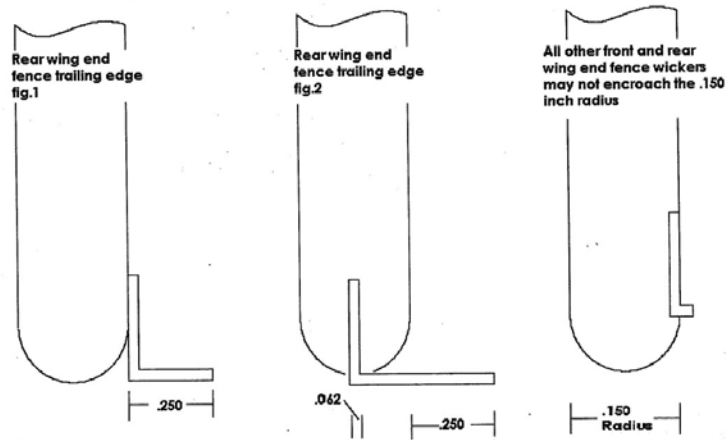
REAR WING END FENCE
(Oval/Street or Road Course Events)



(e) Vertical wickers may be added to the rear outer trailing edge of the rear wing end fences only, provided they are a maximum of 0.250 inches on each side in addition to the overall maximum width of the assembly. Two methods of attachment are approved:

(i) wickers may be bolted to the outer surface of the rearmost edge on the rear wing end fence or

(ii) a slot may be cut in the trailing edge of the rear wing end fence to a maximum width of 0.062 inches to permit a slide-in wicker, provided the slot is centered in the trailing edge (See Illustration).



(f) No part of the rear wing end fences may extend rearward of the rear axle centerline (as measured at the centerline of the transmission output flange) more than 31 inches or less than 30 inches.

E. Sidepods:

(1) No part of the body work may exceed 63 inches in width.

(2) Only tire ramps and sidepod extensions supplied by the chassis Manufacturer and approved by INDYCAR may be used. The tire ramps and sidepod extensions may not exceed a height of 18 inches.

(3) A blanking panel that is flat in the vertical plane and follows the body contour can be used to adjust the amount of inlet air only. The flat panels can have a maximum of 0.250 inch flange measured from the front face of the panel. These panels must be located inside the leading edge of the inlet duct. Radiator exit shutters are permitted.

(4) Sidepods and underwings must be able to withstand a load check of either up or down movement. The maximum permitted deflection for a 50 pound point load test is 0.100 inches. Two holes must be provided in the underwing to facilitate a deflection test. These holes must be 0.375 inch clearance holes. The location of these holes must be no more than 1 inch forward of the trailing edge of the bodywork adjacent to the rear tire tread and no more than 1 inch inboard of the outermost edge. Underwing stays not covered by bodywork must have a maximum cross section of 0.800 inches by 0.250 inches. No paint may be added to the underwing surface from a point 2 inches behind the leading edge of the underwing. From this point, only clear coating may be applied to the underwing lower surface. No

other parts of the underwing may be coated.

(5) The cooling configuration must remain as the original chassis Manufacturer's design.

(6) Radiators using the following Marston and Mezzo cores are approved:

Dallara

M1811-1A Water standard

M1810-1A Oil standard

M1848-1A water lightweight

M1849-10A Oil lightweight

C&R

M2531-1 Water standard

M2532-1 Oil standard

M2683-1 Water lightweight

M2684-1 Oil lightweight

Mezzo

INDYCAR-001 Water standard

Entrants may produce their own radiators, provided the approved cores are used.

(7) Aluminum or nomex 1/8 inch cell honeycomb core with a 3/8 inch thickness may be installed on the radiator face to increase the radiator life. It must be installed so that the holes in the core are at 90 degrees to the radiator face.

F. No part of the underwing or tire ramp may encroach on an area 17 inches forward of the rear wheel centerline as measured vertically. The maximum thickness of the vertical wall, including any flanges or wickers, must not exceed 0.500 inch.

G. The step plane cannot be less than 2 inches or more than 2.250 inches above the chassis hard points.

H. Underwing/Tunnel: The complete underwing design as submitted by the chassis Manufacturer cannot be modified or altered. Ballast cannot be bolted or bonded to the underwing. The rearmost edge of the diffuser must be a minimum of 2 inches and a maximum of 2.250 inches above the chassis hard points. Wickers on the top surface of the tunnel exits are restricted to a maximum height of 3 inches. All tunnel exit wickers must be attached with a minimum of three attachment points, one of which must be a bolt. The exit of the underwing may not exceed a height of 5.500 inches or be less than 5.450 inches when measured from the chassis hard points.

(1) Short Ovals and Road/Street Course Events - Skid plates must be flat and parallel to the chassis reference plane. The maximum width of the skid plate is 25 inches, and the minimum width of the skid plate is 18 inches from the rear chassis bulkhead forward to the dash bulkhead. Forward of the dash bulkhead, the skid plate must be the same width as the flat underside of the chassis. The minimum thickness of the skid plate is 3 mm, and the maximum thickness of the skid plate is 5 mm. Shims or washers must not be fitted under the skid plate.

(2) Indianapolis 500 Mile Race Event and Speedway Events

(a) In a static condition, the Car ride height cannot exceed 2 inches at the front of the Car and 2.500 inches at the rear of the Car.

(b) A curved (convex) skid, which is a chassis Manufacturers' specified component, must be fitted without modification.

i) Only clear coating may be used on the curved (convex) skids.

ii) Ballast may be utilized in the entire skid area.

iii) Entrants may repair curved (convex) skids to original specifications.

iv) At the beginning of each practice session, qualifications and/or Race, the titanium skid blocks must be no less than 1 mm below the lowest point of the skid surface.

v) The curved (convex) skid from the Engine bulkhead forward is not permitted to touch the ground.

vi) The curved (convex) skid from the Engine bulkhead rearward may wear to a maximum depth of 3 mm over a 6 inch width centered side to side. The remainder of the skid is permitted a maximum wear of 1 mm in depth.

I. Airbox - The airbox must be used as supplied from the chassis Manufacturer. The only air filter approved for use is K&N filter (part #AP3009-1A).

J. Rain Light - Only the INDYCAR approved rain light and mounting may be used. The INDYCAR-supplied assembly must be mounted to the attenuator in the INDYCAR designated location.

14.7 Fuel System -

A. The maximum capacity of the total fuel system shall be 22 U.S. Gallons.

B. In the event a fuel tank aperture is not being utilized at an Event, a blanking plate with a minimum thickness of 0.250 inches must be securely fastened utilizing all of the

holes in the fuel cell.

C. All Cars must incorporate an INDYCAR-approved crashworthy fuel system, including the use of self-sealing breakaway valves at the point where the main fuel supply line to the Engine and all fuel return lines connect with the fuel tank. All installations are subject to the approval of Officials.

D. The tank vent must have a check valve and a vent outside and away from the cockpit and the exhaust system.

E. Only one design of fuel cell is permitted. Fuel cells must maintain all original dimensions and specifications.

14.8 Steering and Suspension -

A. All Events -

(1) Steering wheels must be removable.

(2) The only variable rate steering rack and pinion approved for use must be supplied by the chassis Manufacturer and approved by INDYCAR. No modifications are permitted.

(3) Suspension components may not be controlled or activated electronically, hydraulically, or pneumatically except weight jackers. The weight jacker can only operate on one rear corner with a maximum travel of 0.500 inch. All other approved cockpit adjustable devices must be controlled by cable.

(4) Each corner must have only one damper and one spring. Helper springs, bump rubbers and packers are also permitted. The use of titanium springs is not permitted.

(5) A maximum offset, left to right, of 0.250 inches is permitted.

(6) The wheel base of the Car, left to right, may have a maximum variance of 0.500 inch.

(7) The driveshaft assemblies approved for use are:

Driveshaft Part Number	Config.	ID	OD
Metalore			
103521	splined	0.879	1.25
103670	splined	0.39	1
103671	splined	0.39	0.95
103324	splined	0.75	1.225
103528	1pc	1.11	1.3
103390	1 pc	0.882	1.182
103690	1 pc	0.932	1.27
103668	1pc	0.882	1.18
103592	1 pc	0.748	1.181
PANKL			
220 054 0403B	splined	16mm	30.4mm
220 054 0371	splined	16mm	29mm
220 054 0521A	1pc	16/27.9mm	29.3/34.4mm
220 054 0521B	1pc	27.9mm	34.4mm
McKenzie			
MCK22650-120	splined	0.75	1.125
MCK22460-120	splined	0.75	1.125
MCK22650-150	splined	0.75	1.155
XTRAC			
295-465-100A	splined	19mm	29.5mm
295-465-100B	splined	19mm	29.5mm
295-465-000A	splined	19mm	29.5mm
295-465-000B	splined	19mm	29.5mm
295-465-000C	splined	19mm	29.5mm
295-465-000D	splined	19mm	29.5mm
295-465-000E	splined	19mm	29.5mm
295-465-000F	splined	19mm	29.5mm
295-465-000G	splined	19mm	29.5mm
295-465-000H	splined	19mm	29.5mm
295-465-100E	1pc	21mm/Taper	30mm
295-465-100F	1pc	21mm/Taper	30mm
295-465-100C	1pc	29mm/Taper	34mm
295-465-100D	1pc	29mm/Taper	34mm
Emco			
35975-01-1	splined	0.78	1.188

(8) The driveshafts must be at a 90 degree angle to the transmission centerline and be of equal length. The driveshaft assembly must also incorporate an INDYCAR-approved retention system that requires a minimum force of 50 kN to displace the inner driveshaft attachment.

(9) Only axles (hubs) approved by INDYCAR may be used. These parts cannot be modified. The mandatory wheel lock and spring must be purchased from the INDYCAR-approved manufacturer and be used as supplied.

(10) Dome-type extensions may be added to the outboard end of the axles (hubs), provided they do not increase the front axle length by more than 0.375 inches and do not increase the rear axle length by more than 2 inches. The outside dimension of the extension may not exceed the outside dimension of the axle.

(11) Wheelbearings and seals are restricted to the approved design type.

(12) Front upright bearings must have a minimum of 9 balls and a maximum of 10 balls per side and a minimum of 34 rollers and a maximum of 38 rollers per side.

(13) Rear upright bearings must have a minimum of 10 balls and a maximum of 15 balls per side and a minimum of 22 rollers and a maximum of 26 rollers per side. Alternative wheel bearing Metalore part number MRCP7210D9E may be used in the right rear only. Hybrid and/or ceramic bearings are not approved for use.

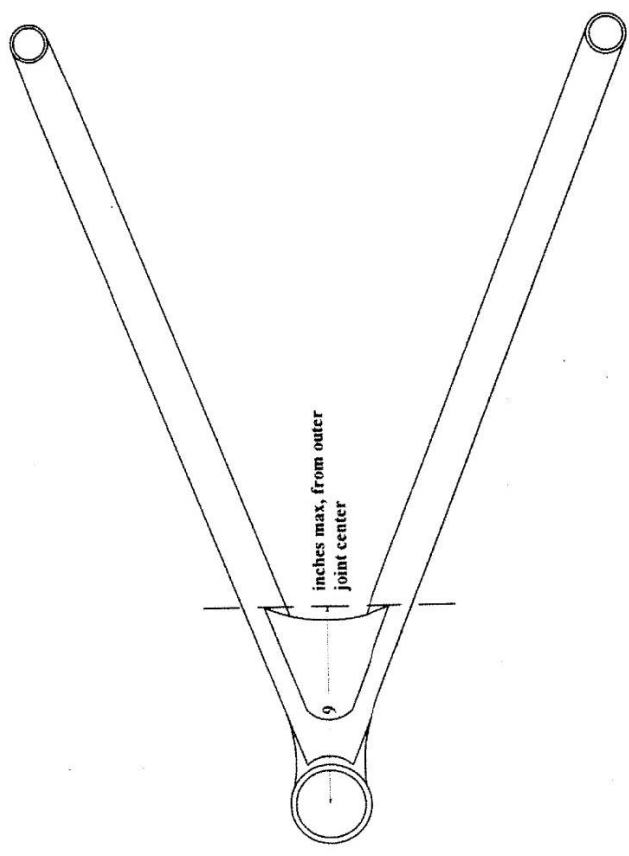
B. Oval Events -

(1) All steering and suspension components must be

made from SAE 4130 aircraft quality material or an INDYCAR-approved equivalent. The front and rear suspension profiles must be symmetrical in profile and align with the chassis reference plane. Any extensions added to the basic wishbone profile must be symmetrical in section and be attached in the same plane as the major axis of the wishbone leg. Wishbone legs must be manufactured with a maximum manufacturing tolerance of plus/minus 2 degrees. No suspension leg (including steering arms and track control arms) can be less than 0.550 inches in cross section or have a cord length greater than 2.500 inches (including SWEMS covers). Any material used to cover the SWEMS or any other cables running along the wishbone cannot increase the major axis of any suspension component by more than 0.655 inches. SWEMS covers must be symmetrical in section and attached in the same plane as the major axis of the wishbone leg. Any material used to cover the SWEMS cannot be more than 1.500 inches in width.

(2) The front suspension upper and lower wishbones must have a connecting link between the front and rear legs. The material shall be the same as used in suspension components with a minimum outside diameter of 0.375 inches. An internal rod must have a minimum 6-inch length to add structural integrity. Joints located in the center of the span must be pinned or bolted. No flexures are permitted. All wishbones must have spherical joints for attachment.

(3) No part of the suspension wishbone measured from the center of the outer spherical joint may extend towards the Car centerline more than 9 inches with the exception of the wishbone legs. **(See Illustration).**



(4) All suspension components, front and rear, excluding uprights, steering arms, and camber blocks, must be symmetrical in design with a maximum tolerance of 0.100 inches. Uprights, steering arms, and camber blocks may be nonsymmetrical to obtain optimum caster and camber settings.

(5) All steering and suspension components must be stress-relieved, normalized, annealed and hardened after forming and/or welding.

(6) Parts may not be joined by brazing or soldering. All wishbones and other suspension components must be heat-treated to 28-32 Rockwell.

(7) Other materials may be approved for use, provided the hardness and tensile strength is equal to SAE 4130 aircraft quality material in this condition.

(8) Suspension components may not be plated.

(9) Only uprights made to the chassis Manufacturer's design may be used. No modifications are permitted.

C. Road/Street Course Events - The Road/Street Course suspension kit must be used as supplied, including the available chassis Manufacturer options. The chassis Manufacturer options must be used in their designated locations.

14.9 Suspension Wheel/Wing Energy Management System (SWEMS) -

A. The front and rear suspension must be attached to the chassis and the rear wing attached to the transmission with restraints manufactured from zylon fiber and approved by INDYCAR.

B. Front Suspension - The front suspension restraints

must consist of a minimum of 3 SWEMS per suspension corner. All SWEMS must have a break load of 100 kN. The SWEMS must be mounted in the chassis Manufacturer's designated location. The outer eyes of the SWEMS must be located around the front upright brake caliper bosses. The inner eyes must be securely mounted to the chassis in double shear at points exceeding the break loads of the SWEMS. All mounting points must be free of sharp edges.

C. Rear Suspension – The rear suspension restraints must consist of a minimum of 3 SWEMS per suspension corner. All SWEMS must have a break load of 100kN. The SWEMS must be mounted in the chassis Manufacturer's designated location. The outer eyes of the SWEMS must be located around the rear upright brake caliper bosses. The inner eyes must be securely mounted to the bellhousing and transmission using the chassis Manufacturer's supplied components. All mounting points must be free from sharp edges.

D. Rear Wing – The rear wing restraints must consist of 1 SWEMS with a break load of 100 kN and mounted in the chassis Manufacturer's designated location.

C. The SWEMS must be replaced:

- a.** if a Car sustains an impact on any of the 4 corners
- b.** as required by INDYCAR.

F. The rear attenuator restraints must consist of one SWEMS with a brake load of 100 kN and mounted with the INDYCAR approved mounts in the INDYCAR designated location.

14.10 Brakes -

A. All Events -

(1) Cars must be equipped with a dual-braking system to operate the brakes effectively on all 4 wheels. The use of computer logic to control any function of the braking system is not permitted.

(2) Any devices designed to push or pull back caliper pistons are not permitted (e.g., pull back brakes).

(3) Brake ducts must not extend beyond the rim of the wheel.

B. Oval Events -

(1) Brake rotors must be 12.800 inches in diameter. Brake rotors must have 10 mounting points on an 8 inch diameter bolt circle. Solid carbon rotors must begin each on Track activity at a minimum of 0.750 thickness. Drilled carbon rotors must begin each on Track activity at a minimum of 0.850 thickness.

(2) Only the brake duct backing plates approved by INDYCAR and supplied by the chassis Manufacturer may be used.

(3) Brake calipers are limited to a maximum of 6 pistons and a minimum of 4 pistons per wheel. The caliper assembly, excluding brake pads, must weigh a minimum of 3.2 lbs.

C. Road/Street Course Events -

(1) Only INDYCAR-approved Alcon bedded brake rotors may be used:

28 mm (may not be used on the front)
30 mm
30 mm HD

(2) The only INDYCAR-approved brake caliper is

(3) Only the chassis Manufacturer supplied front and rear brake ducts and brake duct backing plates may be used.

(4) Entrants are permitted to add ducting to the brake duct backing plates. Ducting must be at 90 degrees to the face of the backing plate and may not extend outward any further than the inboard side of the caliper.

(5) Only tape, flat panels or panels that follow the front contour of the brake duct may be used to regulate the airflow in the brake duct.

(6) Internal ducting to optimize hub, caliper and rotor cooling is permitted.

(7) The approved brake pads are PFC 01 and 07 and Raybestos ST 41 and 47.

14.11 Wheels -

A. The rim width for front wheels is limited to 10 inches. The rim width for rear wheels is limited to 14 inches.

B. The only wheel designs approved by INDYCAR are BBS, OZ, and Avus. Only INDYCAR-approved finishes may be used on wheels.

C. The use of wheel covers or inserts is prohibited.

D. Any machining or modifications of an approved wheel requires the approval of INDYCAR and the wheel manufacturer before the wheel is machined or modified.

E. The maximum service life of wheels is 6 years from the in service date.

14.12 Tires

A. Only tires provided by the tire Manufacturer and approved by INDYCAR may be used. The tires must be used in the designated location. No Entrant may sell, trade, or otherwise reassign tires to any other Entrant.

B. Each Entrant will be permitted a maximum number of sets of tires for use in each Event as follows:

Open Tests:

Barber: 3 sets per day

Kentucky: 3 sets per day

Indianapolis 500 Mile Race Event:

33 sets – 1200 mile engine program

26 sets – 800 mile engine program

2 sets – refresher tests:

to be used during ROP only

additional sets from Event allocation

4 sets – rookie orientation program:

to be used during ROP only

additional sets from Event allocation

All Other Oval Races:

8 sets – Iowa, Milwaukee, Kentucky and Motegi

9 sets - Texas

12 sets – New Hampshire

(4 sets must be used and returned on Thursday)

Road/Street Course Race Events:

Wet Tires: A maximum of 5 sets of “wet” tires (including 1 set transported by the Entrant). Wet

tires may not be used prior to the Race without approval of the Senior Official.

9 sets – All Road/Street Course Events as follows:

6 sets of primary tires
3 sets of alternate tires

Qualifications

Only one set of tires may be used during a Qualifications Segment.

Race

Within 30 minutes of the completion of final practice, an Entrant must declare to INDYCAR which compound it intends to use at the start of the Race. Failure to comply will result in the Entrant being allocated the compound by INDYCAR.

One set of new (sticker) alternate tires and one set of primary tires must be used during each Race prior to receiving the checkered flag. A Car must complete two green condition laps the second of which may be completed in pit lane even if the Car is pitted prior to the Start/Finish line. Any Entrant failing to comply with this Rule shall receive a minimum one lap penalty.

If conditions warrant changing to “wet” tires during an Event, this Rule no longer applies.

All Race Events except Indianapolis 500 Mile Race

Practice Session 1 shall consist of two groups:

Group A – only Rookie Drivers and Entrants outside the top 10 in Entrant point standings may participate in this session. Entrants shall have the option to purchase one additional set of

tires for use during Practice Session 1. If purchased, the additional set of tires must be returned at the conclusion of Practice Session 1.

Group B – open to all Entrants entered in the Event. One set of tires must be returned at the conclusion of Practice Session 1, regardless of whether the Entrant participates in Practice Session 1.

Entrant choosing to purchase the additional set of tires must return two sets of tires at the conclusion of Practice Session 1.

C. An additional replacement tire allotment equal to the total number of Races is available to be used as follows:

Primary 2 tires per Event maximum
Alternate 1 tire per Event maximum (5 for Season)

D. Unused replacement tires returned to the mounting area will be credited to the Entrant's allotment.

E. Tire warmers are not permitted.

F. No substance may be applied to the tires.

G. The only tires which may remain in a Team's possession are: tow tires, set up tires and two sets of rain tires. All other tires must be returned to the tire Manufacturer immediately following the Event (including all Testing) in which they were used. Tires not returned shall be deducted from the Entrant's allotment at the following Event.

H. Only nitrogen or compressed air may be used to inflate Tires.

14.13 Engine -

A. Only the Engine provided by the Engine Manufacturer or its designee and approved by INDYCAR may be used.

B. Only lubricants approved by the Engine Manufacturer may be used. No additives may be used.

C. All Engine changes and/or repairs during an Event must have prior approval by INDYCAR and the Engine Manufacturer.

(1) Approved Engine changes consist of the following:

(a) The Engine has reached its pre-determined mileage limit or has insufficient miles remaining to complete one day's worth of on Track activity; or

(b) The Engine has experienced a failure or condition deemed significant by INDYCAR and the Engine Manufacturer.

(2) Unapproved Engine changes include operation of the engine outside of the Manufacturer's guidelines. Unapproved changes shall result in a penalty including without limitation an Entrant's Car starting the Race from the rear of the starting grid or the Car not being permitted a qualifications attempt.

14.14 Exhaust - The exhaust system must be used as supplied by INDYCAR approved manufacturers. The exhaust tail pipes must have a tolerance of plus/minus 1/8 inches from the rear face of the exhaust shroud. The tail pipe must be trimmed parallel to the face of the shroud.

14.15 Clutch and Flywheel - Cars must have a de-clutching device. The clutch must have a minimum diameter of 4.500 inches and have a minimum of three friction plates. The same type and configuration of clutch used in a Car during qualifications must be used in the Car during the Race. The

only INDYCAR approved clutches include AP sintered 3 and 4 plate and AP carbon/carbon (part #CP8153-DE03-SN). Titanium clutch components and pull clutches are not permitted.

14.16 Bellhousing – The bellhousing must be used as supplied by the chassis Manufacturer.

14.17 Transmission/Differential -

A. All Events -

(1) Only the transmission supplied by the transmission Manufacturer may be used without modification.

(2) Paddle shift gear selection must be used at all Events. The paddle shift system must be used as supplied without modification.

(3) The transmission must maintain all 6 fully-meshed gears during an Event. Reverse gear must be operational throughout an entire Road/Street Course Event.

(4) No components may be manufactured in titanium.

(5) Coating or polishing of parts is permitted as follows:

Part	Polishing/Coating Permissible
Layshaft	Yes
Layshaft	Polished
Mainshaft	Yes
Gearchange Barrel	Polished
Crown Wheel & Pinion	Polished
Selector Rail	Yes
Selector Fork	Yes

Hubs	Yes
Drop Gear Carrier Shaft	Yes
Middle Drop Gear Carrier Shaft	Yes
Drop Gear Set	Polished
Spider Gears	Polished
Side Gears	Polished
Change Gears	Polished

(6) Bearings and seals are restricted to the design type, material and size specified in the original INDYCAR design. Hybrid and/or ceramic bearings are not approved for use, except Mesa ceramic clutch release bearing part numbers 6907TTC or 6907ZZC.

(7) Transmission seals must be approved by INDYCAR prior to use.

(8) The transmission must retain the following transmission Manufacturer's supplied internal parts:

- (a)** Transmission case and castings
- (b)** Crown Ring and Pinion
- (c)** Spool (Oval Events only)
- (d)** Differential
(Road/Street Course Events only)
- (e)** Gearchange Barrel
- (f)** Main shaft and lay shaft
- (g)** Forks
- (h)** Shift rails
- (i)** Gear hubs
- (j)** Drop gears

(9) Only a single stage transmission driven mechanical pump in the original manufacturers' location is permitted for the transmission oil system.

(10) The only approved gears are EMCO Gears part #35916 and Xtrac part #195-42M-4A. The gears

must be supplied from EMCO or Xtrac and must be used without modification.

(11) The starter shaft seal protector can have a maximum weight of 1.5 lbs. The quick lift brackets can have a maximum weight of 1 lb. These parts must remain separate pieces.

(12) Entrants must provide:

(a) two locations to seal the transmission to bellhousing (the left corner of the transmission);

(b) two locations to seal the bellhousing to the Engine;

(c) two locations to seal the transmission rear and side covers;

(d) two locations to seal the Engine to the bulkhead; and

(e) two locations to seal the bulkhead to the chassis.

(13) The drilled hole must be a minimum of 0.032 inches.

B. Road/Street Course Events - All parts of the transmission/differential assembly must be used as supplied by the Manufacturer. The clutch stack may be re-arranged, provided all parts remain as supplied and either set of INDYCAR-approved ramps may be installed.

C. Indianapolis 500 Mile Race Event - Manual gear shifting is optional.

14.18 Ignition -

A. All Cars must be equipped with an ignition switch or emergency shutoff that can be activated by the Driver.

The ignition switch must be clearly marked.

B. The master switch must be used as supplied by the chassis Manufacturer. The switch must energize the on-board fire extinguisher and shut off the ignition. The switch shall be clearly marked by a decal, which will be supplied by Officials. Entrants must not disconnect the switch. When a master switch is pulled, it must remain in that state until manually reset.

14.19 Electronic Logic Processors – Except as provided in Rule 14.20, the use of electronic logic processors or devices to electronically control any Car function are not permitted.

14.20 Chassis Electronics -

A. Only INDYCAR-approved data acquisition systems may be used.

B. Electronic data may not be transmitted wirelessly to a Car.

C. The following chassis input sensors are permitted:

- (1) Wheel Speed (1 per wheel)
- (2) Steering position
- (3) Wheel position (1 per corner) (limited to potentiometer or LVDT type)
- (4) Transmission pressure
- (5) Tire Pressures
- (6) Brake pressure
- (7) Brake pedal position
- (8) 3 axis of acceleration (limited to 1 sensor in each axis)
- (9) Strain gauged push rod or pull rod (1 per corner)
- (10) Strain gauged steering tie rod
- (11) Strain gauged steering shaft
- (12) Beacon receiver
- (13) Laser ride height
- (14) Angular rate sensor

- (15) Gyro or second 3 axis accelerometer
- (16) Roll bar(s) positions
- (17) Weight jacker position
- (18) Clutch position
- (19) Any chassis pressure (pitot, underwing, etc.)
(limited to diaphragm-type sensors)
- (20) Any chassis temperature (underwing, etc.)
- (21) Fuel level

D. The following switches are permitted:

- (1) Radio
- (2) Drink bottle
- (3) Weightjacker
- (4) Fire bottle
- (5) Any switches required by the Engine
Manufacturer
- (6) Paddle shift

E. Data logger control of weight jacker is permitted. The weight jacker position can only be controlled by the Driver. Entrants must provide proof of open-loop functionality.

(1) Weight jackers may use a maximum of 2 buttons for input. The following are the intended functions:

(a) (single button input) Weight jacker step up

(b) (single button input) Weight jacker step down

(c) (both button input) Remove cross weight, Reset motor position etc.

(2) Prior to use, an Entrant must submit the following information to INDYCAR for approval: mechanization drawing, wiring diagram, button function description. INDYCAR may require an Entrant to provide additional materials.

(3) For systems using the data logger or an external processor as the weight jacker controller, source code and box code will be verified as needed.

F. The TCR and antenna must be mounted in the INDYCAR-designated location. The TCR dash light must be mounted in an INDYCAR approved location. The TCR wiring harness may not be modified without prior written approval from INDYCAR.

G. All Entrants and the Engine Manufacturer must provide their Engine and chassis electrical schematics to INDYCAR upon request.

14.21 Fuel -

- A. Fuel must be used as supplied by INDYCAR.
- B. The addition of any performance-enhancing substance to the fuel, air, or fuel/air mixture is not permitted.
- C. All fuel is subject to testing at any time.
- D. The fuel contained in the Car's fuel system must not be cooler than 5 degrees below ambient temperature.
- E. The maximum quantity of fuel permitted for a Race shall be as follows:

**Brazil, St. Petersburg, Long Beach,
Toronto and Baltimore**
82 gallons

**Barber, Milwaukee, Mid Ohio, New
Hampshire, Infineon and Iowa**
92 gallons

Kentucky and Motegi
112 gallons

Indianapolis 500 Mile Race

187 gallons

- F.** Prior to gridding, each Entrant will be permitted to plug in its fuel hose to top off its Car's fuel tank.
- G.** Portable containers are not permitted on pit lane.
- H.** Fuel may not be stored in the Entrant's garage.
- I.** Local fire codes are a part of the Rules.

14.22 Refueling -

A. All refueling nozzles and refueling receptacles must be returned to the manufacturer for servicing prior to the St. Petersburg Race, Indianapolis 500 Mile Race and Mid Ohio Races.

B. During racing conditions, all refueling must be performed by an INDYCAR-approved dry-break disconnect system incorporating a positive seal when engaged. During refueling, only the fuel hose and vent hose can be attached to the fueling system. The fuel flow must be gravity-feed only, and the vent hose must not have any evacuation assist devices attached. All Car fuel and vent systems must be the INDYCAR-approved closed-circuit type incorporating an approved dry-break connection. All refueling hoses must be supplied by the Salem Republic Rubber Company (part #P7130-713F-A1299). All refueling hose-to-probe connectors must be supplied by Rapid Prototyping & Engineering, Inc. (part #INDYCAR 0512). The refueling hose-to-tank connector remains open for development. The inside diameter of all refueling hoses, fittings and connectors shall not exceed 3 inches. Refueling hoses must have a minimum length of 10 feet. Fuel hose supports may not be longer than 48 inches and must be approved by INDYCAR prior to use.

C. Refueling couplers, cell system, and hoses may not be modified.

D. The only refueling coupling approved for use is Red Head Valves Model VF 1100 M-3 fuel probe with Red Head Valves Model VF 1100 F-3 receiver.

E. Only approved fuel cell vent systems may be used.

Part No.	Item / Description
2006-SF	Split Flange Assembly
2006-BR	Backing Plate and Spacer Assembly
2006- FCS	STAINLESS STEEL FUEL CELL STUDS
2006-RD	R. H. Vent Housing
2006-LD	L. H. Vent Housing
2006-CV	Vent Housing Check Valve Assembly
2006-BP	BACKING PLATE: Vent Housing Check Valve
180-9	CLAMP
2006-ISF	Single Point Vent Manifold S/S Inlet Spacers and Fasteners
J2531A	Outlet Housing
2005 OCV	Check Valve

F. All refueling systems are subject to inspection at any time by Officials. Entrants may be required to demonstrate the performance of all system components prior to use. All refueling probes and fuel hoses must be inspected and sealed by INDYCAR before being placed on fuel storage tanks prior to each Race.

G. Practice Fueling - A single hose with a maximum outside diameter of 1.500 inches incorporating an approved self-closing valve at both ends is permitted. Both valves must be manned during fueling. Fueling with the aid of pumps or open containers is not permitted. Only fuel from the pit fuel storage tank may be added to the Car. Fuel may be added through the dry-break vent system, provided INDYCAR has approved the refueling system prior to use. If an approved refueling system is not used, the dry-break assembly must be removed and replaced with an approved cap. The Engine must be shut off during any practice refueling. A crew member must man fire equipment during any refueling.

H. Entrants must leave the airjack receptacle in the INDYCAR-approved location.

14.23 Fuel Storage Tanks -

A. Fuel Tanks and Valves:

(1) Refueling supply must be gravity flow only. The use of pressurization or vacuum during refueling is not permitted. All tanks are limited to a single outlet with a maximum inside diameter of 3 inches. All tanks must be vented to atmosphere at all times using a Protectoseal 3 inch flame arrester/vent or equivalent. All tanks must use a spring-loaded valve between the tank flange and vent pipe (for all Events except the Indianapolis 500 Mile Race Event). A spring-loaded valve (Betts Model WD-305, J.C. Carter Model JC-64075 or Dan Jones Model 06-DJ) is required between the tank and the refueling hose. Entrants using the J.C. Carter valve are permitted one splitter with a maximum thickness of 0.300 inches and a maximum length of 3.500 inches. The splitter may be horizontal or vertical and must be mounted in the tank flange and may not protrude into the tank. Entrants using the Betts valve are not permitted a splitter. Entrants may not alter the vent or spring-loaded closing valve. The outlet can have a maximum 1.5 inch radius from the tank's external face to the outlet. The maximum length of the outlet including any attachments is limited to 14 inches from the front face of the tank. All fuel level sight tubes must have a positive shut-off valve at both ends. All equipment must comply with the safety regulations of INDYCAR and where applicable the NFPA, state and/or local codes. This includes but is not limited to grounding of fuel storage tanks and hoses by an INDYCAR-approved method.

(2) All refueling tanks must have a manual air-

operated emergency shut-off valve to the probe.

(3) The height of the fuel storage tanks must be set and sealed by the INDYCAR prior to filling.

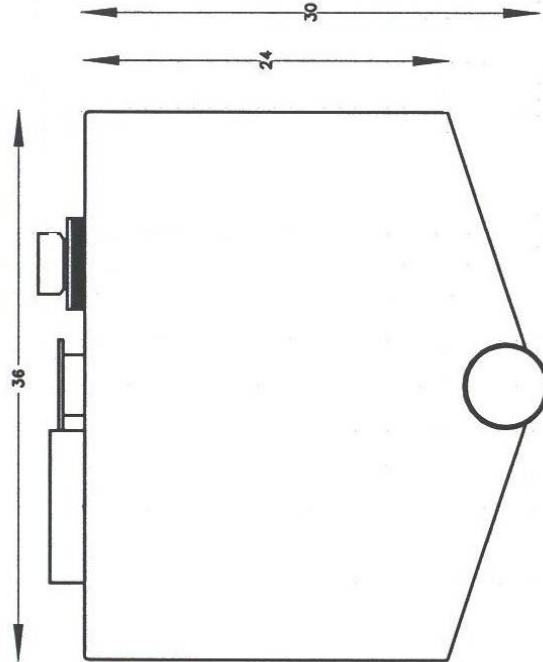
(4) No part of the pit lane fuel storage tank may be closer than 30" to the front face of the pit wall. The pit lane fuel storage tank outlet must be positioned between the center and 18" rearward of the center in the assigned pit.

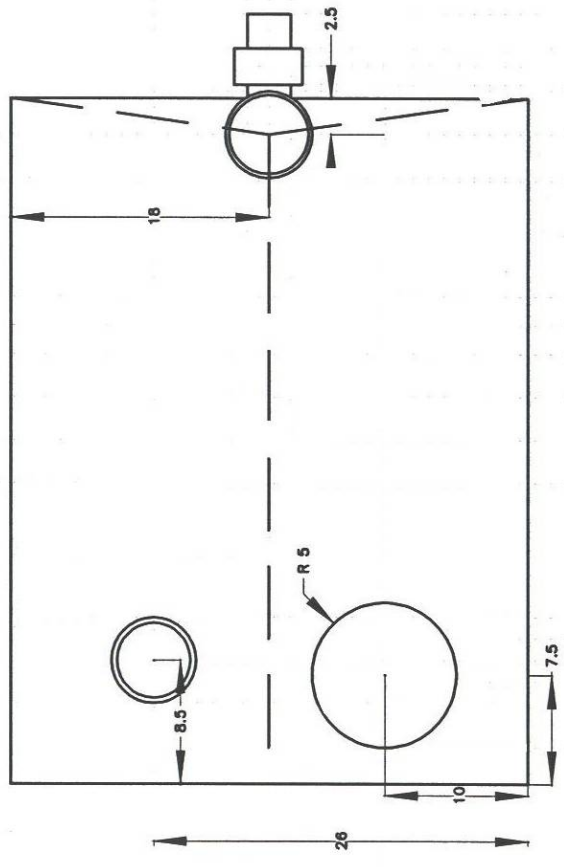
B. Tank Capacities and Dimensions:

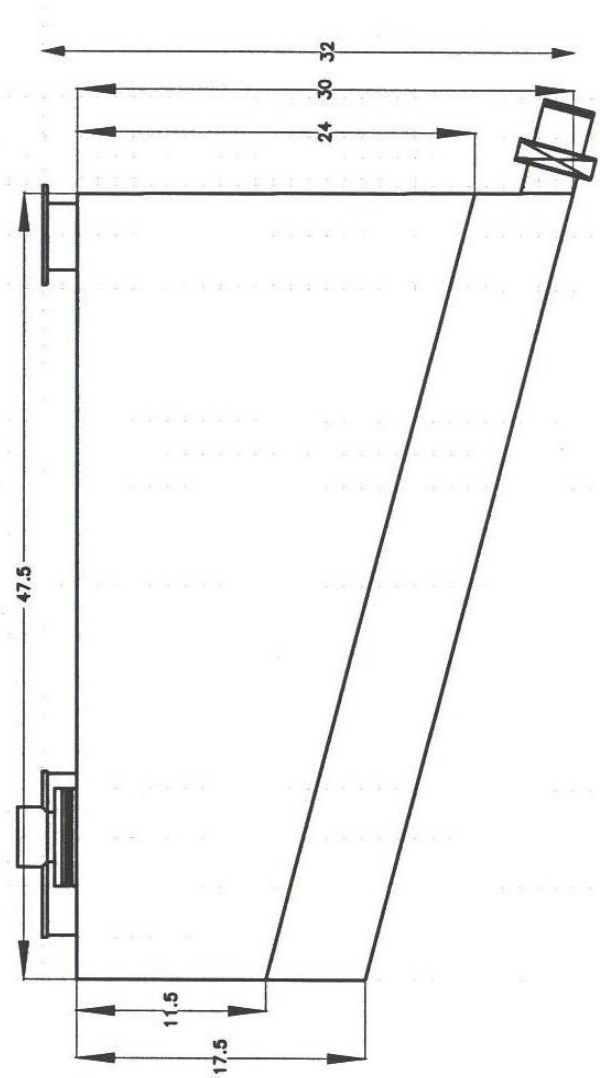
(1) Indianapolis 500 Mile Race Event: Only the fuel tank as supplied by INDYCAR may be used. All fuel tanks must remain on the grounds of the facility. Entrants may affix decals to the fuel tanks, but may not paint them. The maximum height of the pit storage tank shall be 80 inches measured from the highest point. The maximum height of the front edge of the tank must be 76 inches. The slope of the tank must not exceed 4 inches. The vent pipe shall be a minimum of 102 inches in height. All pit storage tank height measurements will be made from the pit lane surface.

(2) Other Events: Pit fuel storage tanks must be built to INDYCAR specifications (See Illustration). Pit fuel storage tanks must be a single container made of T304 stainless steel or the equivalent and have a capacity of 152 U.S. Gallons. All dimensions are overall measurements with the top surface level. The maximum height of the pit storage tank shall be 84 inches to the top surface which must be level. The vent pipe shall be a minimum of 102 inches in height. All pit storage tank heights will be made from the pit lane surface. No modifications may be made to the fuel storage tank specifications. Drawings for all fuel tank dimensions are available from the INDYCAR office.

All dimensions are in inches.







C. All support legs and height-adjusting devices used with the fuel storage tank must be approved by INDYCAR prior to use. Tank support legs must include feet with adequate area so that the tank, with fuel, will not sink into the pit surface. Metal or wood may be used under the support legs to distribute the load, provided it is not stacked in a hazardous manner. All tanks must include a mechanism approved by INDYCAR by which the tank may be moved away from the pit wall quickly and easily. Any wheels or castors attached to the tank support stand must be raised from contact with the pit surface.

D. Cooling of the fuel in the pit storage tank is not permitted.

E. Devices which alter the gravitational flow of fuel are not permitted.

14.24 Pit Lane Fire Equipment -

A. The Entrant must have a fully charged 10 pound fire extinguisher in the Car's pit area. A gauge must be attached to each fire extinguisher.

B. Each Entrant must have a minimum of 2 open containers of water in the Entrant's pit area each with a capacity of 5 gallons.

14.25 Equipment -

A. The maximum height of the scoring stand is 84 inches measured from the ground to the top of the work surface. The maximum surface area of an awning is 85 square feet in plan view. INDYCAR in its discretion may determine if an Entrant may use an awning at a particular facility. Scoring stands using wheels or castors must be chocked or secured from moving, and awnings, flags, umbrellas or shields may be used, provided they do not block spectator viewing. Paint or other permanent markings may not be used in the garage, on the pit lane surface or on the pit wall.

- B.** Only INDYCAR-approved booms shall be permitted.
- D.** Camera booms can not extend more than 80 inches into pit lane.
- E.** An Entrant may display one flag in its pit box, provided the flag is located behind pit wall, is a maximum size of 5 ½ feet wide and 3 ½ feet high, and a maximum height of 14 feet off of the pit floor.
- D.** The maximum height of the transporter is 18 feet, including all railings, flags and viewing platforms.
- E.** Garages:
 - (1)** If garages are available, each Entrant shall receive a 15 ft. wide parking location in the garage area. INDYCAR in its discretion shall allocate a designated amount of space in the garage area for each Manufacturer.
 - (2)** If garages are not available, each Entrant shall receive a maximum 30 ft. wide parking location in the garage area to use as a garage for the transporter and tent/awning, unless otherwise noted.