



UNITED STATES SKI & SNOWBOARD ASSOCIATION

2016-2017 UPDATE & REVIEW FOR CONTINUING EDUCATION - ALPINE

The United States Ski and Snowboard Association's ("USSA") competition rules for domestic alpine ski racing are adopted from the FIS International Competition Rules ("ICR") but are specific to USSA competitions. USSA's Alpine Competition Regulations ("ACR") are updated annually, are published in the current Alpine Competition Guide and are available at www.ussa.org.

For all events scheduled by USSA as FIS events, applicable rules of the FIS must be considered and applied. In cases that are not addressed by the ACR for USSA events or by the ICR for FIS events, or in cases where the rules must be interpreted, the authority for making such decisions will rest with the Competition Jury.

It is the responsibility of every official, coach and competitor to *know, understand and abide* by the rules for the sport. Coaches, Program Directors and other club officers are encouraged to provide the time and opportunity to instruct their athletes on the rules for the sport. These rules include, but are not limited to, current editions and "Precisions" of the FIS ICR, USSA ACR, and the appropriate supplemental rules, such as Rules of the FIS Points and Rules for the Alpine Continental Cups. The following pages contain an overview of major rule changes; a review and clarification of existing USSA and FIS rules are also included; *this update and review, however, does not contain all rule changes.*

USSA COMPETITION CONTINUING EDUCATION (UPDATE) 2016-2017:

1. RACE RESULT/TIMING SOFTWARE

The list of software programs approved for use at USSA competitions includes both Split Second and VOLA.

2. MEMBER LOOKUP TOOL

Users will be able to search for "current" members as well as "previous" and "all" members. Among other included features will be coding to display why a given member may be on pending status. Enhancement will provide information regarding those who have purchased short-term memberships and will include validity dates.

3. RACE RESULT DOCUMENT PACKETS - REVIEW & IMPORTANCE

Race result document packets are required for all levels of USSA competition: non-scored and scored; they are important for risk management purposes. Divisions will appoint an individual who will undertake the review of Race Result Document Packets submitted to USSA. The focus will be to verify accuracy and content of the packets and identify areas and/or officials who could benefit from mentorship. The reviewers will also assist USSA Competition Services staff identify events for which no documents have been filed.

4. RACE RESULT DOCUMENT PACKETS - CONTENT CHANGES

The race result XML file must be submitted to alpineresults@ussa.org within 24 hours after an event's completion. The following document packets must be submitted either electronically to resultpackets@ussa.org (USSA race code # used as email subject) or in paper copy format via USPS to USSA Competition Services. Content requirements are as follows:

- a. USSA non-FIS events: Non-scored and Scored
 - 1) USSA Technical Delegate Report; 1 per race code
 - 2) Timing and Data Technical Report (TDTR), if required for level of event
 - 3) All Programs and Team Captains' Meeting Minutes
 - 4) All Jury Minutes w/o Protest
 - 5) All Protests and applicable Jury Minutes
 - 6) All injury/accident reports
 - 7) Copies of Exceptional Athlete Ski Up Agreements
 - 8) USSA Volunteer Competition Worker Registration forms

***NOTE:** If there are any event changes, immediately notify USSA at competitionservices@ussa.org so the changes can be made to the calendar and the results will process. Venue changes require execution of a new schedule agreement; in order for it to be valid, this must be done prior to the event. *Under no circumstances should race code numbers be changed without specific approval by the USSA Competition Services Office. This applies to both USSA and FIS events!*

Refer to “USSA Race Result Document Packets” in the “Master Packet of Forms” for detailed information

- b. **FIS EVENT REQUIREMENTS.** Following electronic submittal of the event’s XML race result file, the Chief of Timing & Calculations electronically submits the Timing & Data Technical Report (TDR) XML file; both files are sent to alpineresults@fisski.ch. The Technical Delegate files an online FIS Technical Delegate Report; results without electronic TDTR and online TD Report will not be included in the FIS Points List. **[6.1, Rules of the FIS Points]** If used, only the following additional documents are required:

- 1) Jury Minutes related to protests and/or sanctions; signed with record of votes
- 2) Injury Reports (Serious accidents will require filing of both forms.)
 - a) FIS Notice of Injury (ISS) for minor injuries
 - b) Technical Delegate’s Accident Form for injuries that meet “Guidelines for Serious Accidents”

The above document requirements also apply to speed training runs; they must be submitted in scanned/PDF/booklet format to Miranda von Niederhäusern niederhausern@fisski.com. For Continental Cup and World Cup, copies are also sent to Tatjana Lüsey luessy@fisski.com.

- c. **USSA’S COPY OF FIS RACE RESULT DOCUMENT PACKET.** The event’s XML result file must also be transmitted to alpineresults@ussa.org (FIS codex used as email subject). USSA – not FIS – is the main repository of race-related documents, so copies of the following documents must be electronically submitted to USSA: resultpackets@ussa.org.

- 1) Technical Delegate Report (PDF copy of online TD Report)
- 2) Timing and Data Technical Report (signed, PDF copy of online TDTR)
- 3) All Programs and Team Captains’ Meeting Minutes
- 4) All Jury Minutes w/o Protest
- 5) All Protests and applicable Jury Minutes
- 6) All injury/accident reports
- 7) USSA Volunteer Competition Worker Registration forms
- 8) FIS Declarations for Forerunners who are not FIS inscribed

Refer to “FIS Race Result Document Packets” in the “Master Packet of Forms” for detailed information

- d. **SPEED TRAINING (ST) EVENT, RESULTS AND DOCUMENTATION REQUIREMENTS**

USSA assigns race code numbers for all speed-training runs: Super G and Downhill. USSA’s assignment of a race code number is verification of an event’s liability insurance. FIS only assigns codex numbers for Downhill Training runs.

Official training forms an integral part of the competition. All qualified competitors entered for the competition must have been entered and drawn in all official training runs; competitors and forerunners must participate in at least one timed training run. (“Drawn” is accepted as meaning, “assigned a start number”. It does not mean, “Drawn in the first group”.) **[704.1]**

“Special Training Runs” outside of the official training runs do not have USSA/FIS race code /codex numbers and must not be staged for forerunners or competitors that have not been able to participate in at least one timed training run prior to the actual event.

- 1) Training Result XML file must be submitted to USSA alpineresults@ussa.org. For a FIS event, the XML file must also be sent to alpineresults@fisski.ch.

- 2) Document packets must be sent to **resultpackets@ussa.org** and must contain the following:
 - a) Programs/Team Captains' Meeting Minutes (signed by Race Administrator)
 - b) Jury Minutes (record of votes/required signatures)
 - c) Injury report(s) as required

Timing and Data Technical Report (TDTR), if completed, remains with the OC. Report of the Technical Delegate is not required.

5. ALPINE CANADA'S REQUIREMENTS

It is no longer necessary to submit any FIS documents to Alpine Canada.

6. PREPARATION AND SUBMITTAL OF A "RACE RESULT DOCUMENT PACKET"

- a. Arrange documents in proper order (See 4-a. or 4-c.)
- b. Scan documents and save in PDF format; do not save as JPEG!
- c. Save as PDF booklet using applicable USSA race code or FIS codex as booklet title
- d. After verifying accuracy and legibility of documents in booklet, attach the booklet to an email using applicable USSA race code or FIS codex as email subject
- e. Email to: **resultpackets@ussa.org** (cc: Technical Delegate)
- f. Scan only one race file per booklet; submit only one booklet per transmission!

7. TRANSMITTAL REPORT

If your software allows the printing of a "Transmittal Report", it remains in the OC's file.

8. USSA ALPINE COMPETITION REGULATIONS

Alpine Competition Regulations (ACR) have been updated to include applicable rule changes.

9. USSA EQUIPMENT MATRIX

The 2016-2017 USSA Equipment matrix is available on the USSA website at

<http://ussa.org/alpine-programs/officials/rules>

10. USSA COURSE SETTING MATRIX

USSA has adopted FIS Slalom course setting specifications for U14 and U16 athletes. The 2016-2017 USSA Course Setting Specifications are available on the USSA website at **<http://ussa.org/alpine-programs/officials/rules>**.

11. GATE JUDGE EDUCATION

An updated Gate Judge presentation: "Gate Judges – The Most Important People on the Hill" is available on the USSA website.

12. RACE ADMINISTRATION & DATA MANAGEMENT

These specialty-area certifications have been combined into one Race Administration category.

FIS COMPETITION CONTINUING EDUCATION [UPDATE] 2016-2017:

1. FIS ICR

An updated version is posted on the FIS website; a link is available on the USSA website.

2. NOT PERMITTED TO START - NPS

A competitor will not be permitted to start (NPS) in any FIS competition who does not wear a crash helmet that conforms to the Specifications for Competition Equipment [606.4], or does not have ski brakes on their skis [606.3], **does not wear or carry an official start number according to the rules [606.1, 627, 627.2, 627.6]** An "official start number" refers to any bib issued by the local event organizer; this includes replacement bibs furnished by the Start Referee.

3. RECORDING “NPS” SITUATION – USSA and FIS EVENTS

- a. Due to rule(s) violation(s), athlete is not permitted to start; this could apply to either run of a 2-run event.
- b. Athlete’s status is recorded by the Start Referee as “Not Permitted to Start” (NPS); reason must be stated. *It is suggested that the athlete’s bib as well as name be recorded.*
- c. “NPS” should be noted in “DSQ” portion of Report by the Referee as required.
- d. Applicable rule number(s) must be noted for results
- e. Software will include “NPS” designation
- f. Technical Delegate must verify accuracy of Official Results and Penalty posted on USSA/FIS websites

4. GROUNDS FOR DISQUALIFICATION

Addition to 628.14: wears obscene names and/or symbols on clothing and equipment [207.1] or behaves in an unsportsmanlike manner in the competition area [205.5, 223.1.1]

5. PARALLEL EVENTS

The distance between two corresponding gates (from turning pole to turning pole) should be no less than 6 meters. [1225] **Stepping back (hiking) is not allowed (614.2.3) and is cause for disqualification (1232.1)**

6. APPLICATION OF TIME PENALTY

ICR 223.3.1 - “A Time Penalty” does not apply to Alpine events. It is a “general rule” and is applicable to Nordic.

7. FIS OFFICE COMMUNICATION AND STAFF

- a. For event changes, etc., written confirmation must come from the National Association; Organizers and Technical Delegates should not deal directly with the FIS Office.
- b. Once a Jury is confirmed, however, and a program change is required, the Technical Delegate should deal directly with the FIS Office; USSA Competition Services must also be notified of any changes.
- c. Miranda von Niederhäuser (**niederhaeuser@fiski.com**) is responsible for race documentation, website posting, etc. If these documents are incomplete, Miranda will make contact directly with the responsible Technical Delegate.
- d. Tatjana Lüsey (**luessy@fiski.com**) manages assignments and Calendar inserts at the beginning of the season. She is responsible for the management of World Cup, European Cup and Junior World Championships.

8. TECHNICAL DELEGATE’S ARRIVAL

An Organizing Committee that requests that the Technical Delegate not arrive until shortly before the Team Captains’ Meeting is in violation of ICR Art. 602.4.3 and risks loss of liability insurance coverage. Technical Delegates are required to fulfill all the ICR/ACR duties of the Technical Delegate.

9. FIS YOUTH SLALOM COURSE SETTING

Requirements have changed and will be adopted by USSA.

U14: 2-4 hairpins, 1-2 verticals (3 gates max), 1-3 delays

U16: 3-6 hairpins, 1-3 verticals (3-4 gates max), 1-3 delays

10. COURSE SPECIFICATIONS

Refer to current editions of USSA ACR and FIS ICR and their Precisions for minimum/maximum vertical drop and gate count requirements for USSA and FIS events.

NORAM CUP AND WORLD CUP RULES: Rules have been revised; please refer to current rulebooks.

GENERAL REVIEW AND CLARIFICATION - USSA AND FIS:

1. DRONES AT ALPINE COMPETITIONS

Any use of aerial drones must comply with Federal, State and Local laws as well as ski area regulations. If a drone operator can show compliance with these regulations, at the direction of the Jury, a drone may be used as a point of view camera (POV) prior to forerunners. Drones may not be used during the conduct of the competition. If a drone breaches the boundaries of the course, FIS advises to immediately halt the competition and wait until the drone withdraws.

2. DUE PROCESS (224.7)

Prior to the imposition of a penalty (except in cases of verbal reprimands and withdrawal of accreditation), the person accused of an offense shall be given the opportunity to present a defense at a hearing, verbally or in writing. Defense can include, but is not limited to the following:

- Calling witnesses
- Questioning witnesses upon whose testimony the Jury relies

Considering information from a witness who is unavailable for questioning by the accused would create a serious issue. It is also unwise for Jury members to discuss a situation and consider possible penalties prior to hearing all testimony. The Jury must adhere to this policy:

- Consider infraction
- Hear and consider all testimony and evidence
- Allow accused person the opportunity to present a defense and review all evidence (question witnesses, etc.)
- Deliberate
- Make a fair decision
- Review, vote and sign prepared Jury Minutes of decision
- Notify affected parties

3. MINUTES - REQUIREMENTS

- EVENT MEDICAL PLAN:** An event medical plan must be in place for all USSA-sanctioned events and must be reviewed and approved by the Jury prior to being presented to the Team Captains. *Jury Minutes documenting the review are required; presentation to the Team Captains is documented in the Team Captains' Meeting Minutes.*
- JURY INSPECTION:** The competition Jury must inspect course set and final installation of on-hill competitor security measures for all USSA-sanctioned events and confirm the daily Program (schedule); Team Captains are encouraged to attend inspection. Necessary changes to course set and on-hill competitor security measures are the responsibility of the Jury. *Jury Minutes documenting the inspection and approval by Jury and Team Captains as well as confirmation of the Program (schedule), are required.*
- TEAM CAPTAINS' MEETINGS:** An actual meeting, attended in person by Team Captains, Jury, and race officials is a critical and mandatory part of the competition and is important for communication of Jury instructions, support of the Organizing Committee ("OC"), as well as conveying requests and information. It is also a critical element for risk management and liability-related matters. (Refer to **621.8, 604.3**)

4. TIMING and DATA TECHNICAL REPORT FORM

Using the FIS program to produce a paper copy report, as required for USSA non-FIS events is highly recommended. The software does accept "National Race Code" which is used for a USSA race code (alpha character + 4-digit number); "Race Codex" is left blank and either "CHI – Children" or "JUN – Junior" category is selected. If using the FIS TDTR software for a USSA event, download/install/test in advance of your event! *The TDTR XML file must not be submitted to FIS for non-FIS events or to USSA as USSA is not currently set up to accept the TDTR XML file.*

A signed copy of this form for all non-FIS USSA-scored events and USSA non-scored Championship events, e.g. U14 and Masters Championships, must be submitted to the following, applicable region/division representative. *FIS will evaluate the TDTR's for FIS events and will report any anomalies to USSA Competition Services.*

Alaska:	Lex Patten	lpatten@gmail.com
Central:	Gretchen Ransom	gretch1099@msn.com
East:	Matt Howard	easttdtr@gmail.com
Far West:	Lucy Schram	lucy@fwskiing.org
IMD:	Tami Strong	tami@sbsef.com
Northern:	Bob Petitt	NorthernTDTR@gmail.com
PNSA:	PNSA Office	tdtr@pnsa.org
Rocky Mtn.:	John Jett	jjett@cjtiming.com

A copy of the calculation(s) required for Replacement Time(s) (EET) must accompany the TDTR submitted to the above USSA Region/Division representatives

5. USING THE 3 ACCIDENT REPORT FORMS

The Jury, or an individual appointed by the Jury, must notify USSA of injuries at *all* USSA-sanctioned events (both non-FIS and FIS), where injury claims may result. If a Technical Delegate's report indicates injuries occurred, the American Specialty First Report of Accident First Report of Accident ("ASI") must be filed. An insurance claim for secondary accident insurance for USSA members cannot begin unless an ASI First Report of Accident has been filed. *Although foreign competitors are not eligible for secondary insurance, USSA's insurers must be notified of any injury that may possibly result in a claim.*

- a. ASI is used for injuries at any USSA sanctioned event: non-FIS or FIS *regardless of nationality of injured party.*
 - 1) Online filing is available and is preferred. The online ASI form can be found at http://www.amerspec.com/ussa_cov/ under "Online Incident Reporting". *After completing the online form, a copy should be printed for the Technical Delegate and the official "Race Result Document Packet".*
 - 2) If online filing is not an option, the paper copy ASI form must be filed. Filing instructions and form are available in the "Master Packet of Forms" on the USSA website.
 - 3) The ASI form must not be submitted to the FIS Bureau.
- b. FIS "Notice of Injury" (ISS): All reportable injuries at USSA-sanctioned FIS events must be reported on the FIS "Notice of Injury" (ISS) form *regardless of nationality of the injured party.*
 - 1) After completing the form, you must print a copy for the Technical Delegate and the official "Race Result Document Packet".
 - 2) In addition to being submitted in the FIS Race Result Document Packet, the report should be emailed to **fisiss@nih.no**
- c. Technical Delegate's Accident Report: Accidents that fit the "Guidelines for Serious Accident," whether non-FIS or FIS, require the additional filing of the "Technical Delegate's Accident Report".
- d. Which Injury Report Form and When: The Jury, or an individual appointed by the Jury, must notify USSA of injuries at all USSA-sanctioned events (both non-FIS and FIS), where injury claims may result. *Copies of injury reports must be available for the Technical Delegate's file and required race result document packets.*
 - 1) USSA non-FIS Events
 - a) If an injury occurs during official training or competition, the American Specialty First Report of Accident (ASI) must be filed.
 - b) If the injury fits the "Guidelines for Serious Accident", both the American Specialty First Report of Accident (ASI) and the Technical Delegate's Accident Report are required.
 - c) DO NOT use the FIS Injury (ISS) for non-FIS events!
 - 2) FIS Events – All Participants

- a) Regardless of national federation affiliation, if an injury occurs during official training or competition to any participant at a FIS event, both the American Specialty First Report of Accident (ASI) and the FIS Notice of Injury (ISS) are required. *ASI report is only submitted to USSA.*
- b) If the injury fits the “Guidelines for Serious Accident”, all three reports: USSA ASI, FIS ISS and “Technical Delegate’s Accident Report” are required.

6. EVENTS WHERE POINT IMPROVEMENTS EXCEED EXPECTATIONS

The goal of the USSA scoring system is to ensure fair and accurate events so earned results represent an athlete’s ability. An accurate scoring system is critical for athlete ranking, evaluation and selection purposes.

Research has culminated in criteria to identify events where athletes score point improvements far beyond expectations. Every scored event will be subject to these filters and events that exceed the threshold of the criteria - a statistical probability of .0001 - will be marked for review by USSA Competition Services staff and the USSA Classification Working Group. The criteria are:

- a. Average improvement between seed points and points achieved in the race
- b. Average percent of point improvement
- c. Percent of the field that scored a point improvement

The cause of an exceptional event could range from random situational circumstances to penalty manipulation. If the Technical Delegate feels that an event may exceed the criteria, they should request that the event not be scored until a review has been completed. *If in doubt, they should contact the appropriate Regional Alpine Director for guidance.*

7. USSA CONCUSSION POLICY

USSA’s Concussion Policy includes any USSA athlete, not just minor athletes – this includes those with the USSA General and Short Term memberships. Refer to the following for additional information:

<http://ussa.org/alpine-programs/officials/resources/concussion-policy>

8. GATE PANELS

All USSA Giant Slalom, Super G and Downhill (including Masters Competitions) must use gate panels that conform to the current FIS specifications. For Major Events (art. 201.3.1) and Cups (art. 201.3.2 and 201.3.3) different alternative colors for poles and panels may be used. Orange can be used instead of red at all FIS levels. Poles and panels should be the same color. A list of homologated panels is published on the FIS website. Articles 901.2.2 and 1001.3.2 remain valid.

9. FLEX POLES

- a. All USSA FIS and USSA scored events must use FIS homologated flex poles.
- b. All poles on a course must be of uniform height and diameter.
- c. For USSA-scored Slalom events, women should use FIS type B poles and men can use FIS type A or FIS type B (FIS type B recommended) poles
- d. For U16 Slalom event, poles must be full length, 180 cm; women should use FIS type B poles and men can use FIS type A or FIS type B (FIS type B recommended) poles.
- e. For U14 and younger Slalom races, poles must be FIS type B and 60” off the snow surface. This applies to events that are exclusive to U14 and younger; it is not applicable to mixed age races which include athletes U14 and older. Stubby poles will be allowed for U14 & under non-scored competitions.
- f. In Giant Slalom, Super G and Downhill, poles should be full height for all age groups and genders. U14 and younger should use FIS type B poles.
- g. FIS type B poles are 25-28.9 mm in diameter and FIS type A poles are 29-32 mm in diameter.

10. USSA MEMBERSHIP REQUIREMENTS

- a. **USSA-SANCTIONED NON-FIS EVENTS:** Jury members, Jury Advisors (Start and Finish Referees), Chief of Course, Course Setters, Chief of Timing and Calculations and Race Administrator are required to be *appropriately certified, current members of USSA* as a Coach or Official. Competitors are required to have an appropriate

competitor's USSA membership. ***Qualified members of foreign federations recognized by FIS must hold a valid USSA membership in order to take part in any capacity at a USSA-sanctioned non-FIS event.***

EXCEPTION: A limited number of USSA non-FIS events – CAN-AM'S – allow a set number of Canadian competitors to compete without first obtaining a USSA competitor's membership. This exception does not apply to the coaches accompanying these competitors and wanting to serve as Jury members or Course Setters; they may, however function in the capacity of their team's coach without obtaining a USSA Coach membership.

b. MASTERS EVENT MEMBERSHIP REQUIREMENTS

- 1) USSA Alpine Competitors and USSA Alpine Coach members, who are 18 years of age or older, may contact the USSA Membership Department and add a free Masters Membership and participate in Masters Competitions.
- 2) All competitors in Masters Regional and National Championships must have a USSA Masters membership.
- 3) Masters FIS competitions require that the athletes have the appropriate membership: A USSA Alpine Masters Membership and Alpine Masters FIS registration.
- 4) Complete rules on membership requirements in USSA Masters events can be found in current editions of the Masters Competition Guide, Chapter 3: "General Competition Rules"; and the Alpine Competition Guide, Chapter 5: "Masters Ski Racing."

* Please note USSA Regions and/or Divisions may assess additional membership fees.

- c. **USSA-SANCTIONED FIS EVENTS:** With the exception of the Chief of Race who must be a member of the organizing National Ski Association [601.4.2.4], Jury members, Jury Advisors, Chief of Course, Chief of Timing and Calculations, Race Administrator may either be appropriately certified USSA members or *qualified members of foreign federations recognized by FIS*. If a foreign FIS Federation lists a foreign coach on their entry form, the Federation is certifying that the coach has the knowledge and ability to fulfill the duties of a Team Captain: e.g. serve as a Jury member or set a course; this satisfies the "qualified member of foreign federation" requirement for FIS events. Competitors are required to be FIS inscribed. Age-eligible **current** USSA members who are **not** FIS inscribed and who are serving as forerunners **must** sign the "FIS Athlete's Declaration."

11. ALPINE OFFICIALS' CERTIFICATION REQUIREMENTS

- a. Referee, Assistant Referee and Course Setter must be certified Referees in order to officiate in the respective capacities at all USSA-sanctioned events.
- b. Chief of Timing & Calculations and Race Administrator must be appropriately certified in the respective categories at all USSA-sanctioned events.
- b. Chief of Course must be a certified Chief of Course, Chief of Race, Referee or Technical Delegate.
- c. For USSA scored events, Jury Advisor (Start/Finish Referee) must be a certified Jury Advisor (JA), a certified Referee (RF) or a certified Chief of Race (CR).
- d. For USSA non-scored events, Jury Advisor (Start/Finish Referee) should be a certified Jury Advisor (JA), a certified Referee (RF) or a certified Chief of Race (CR), but must – at a minimum – be certified as a Competition Official (CO).

12. USSA ALPINE COMPETITION EXCEPTIONAL ATHLETE SKI UP AGREEMENT

The USSA Alpine Competition Exceptional Athlete Ski Up Assumption of Risk, Release and Indemnity Agreement allows exceptional athletes to ski up one class. The "Ski Up" is not accepted by all USSA Regions/Divisions. The Agreement authorizes the athlete to compete in an age group competition with a class of competitors which are older than the age group designated by USSA, but only in the events in which they are normally eligible and only in the specific competitions authorized by the USSA National Development Director (***September 2001 ASC, as amended***). *FIS does not recognize requests to ski up in class.* Contact appropriate Regional office for a copy of the Agreement and for more information regarding the application process. *When an entry that is accompanied by an approved Ski Up Agreement is accepted, the Race Administrator must manually edit the athlete's class so it agrees with the age class in which they are actually competing.*

13. TRAVEL LETTERS

Only National Ski Associations are entitled to make entries for international competitions. If a National Ski Association issues an entry authorization (travel) letter, USSA allows non-USSA athletes training with USSA clubs or attending USA schools/colleges/universities to be entered by their coaches.

- a. Every non-USA athlete's authorization letter must be submitted to **alpinedomestic@ussa.org**; *it must also be sent to the Regional Manager for the Region where the athlete is training.*
- b. Letters must be submitted directly by the respective National Ski Association; they will not be accepted if forwarded by the coach or the athlete.
- c. USSA will create a summary of these authorizations and will post that summary on the USSA website so Race Administrators and Technical Delegates can be confident of their validity.
- d. Foreign entries that are not submitted by the actual National Ski Association and for whom no authorization letter has been submitted to USSA for verification must not be accepted. *
- e. Authorization letters will only be recognized for FIS category and below. Entries for NorAm Cup and National Championships must be submitted directly by the respective National Ski Associations.
- f. Several nations, e.g. Austria, Canada, Great Britain and Spain, do not issue authorization (travel) letters; entries for competitors from these nations must originate from the respective Federation.

**Prior to denying any FIS entry, please contact USSA Competition Services.*

14. ENTRIES AND DRAW

The organizer must determine the final date of entry between 48 hours and 24 hours before the first Team Captains' Meeting. *A Team Captain may only make substitutions before the draw.* [604.4.1, 604.4.2]

15. COMPETITION EQUIPMENT

Equipment is the responsibility of the athlete and in the case of a minor, their parents or guardians. Equipment must be maintained and utilized in accordance with manufacturer's instructions. Protests against equipment at a USSA non-FIS event must be handled in accordance with current "Guidelines Regarding Equipment Control and Protests at USSA non-FIS Events" that can be found in the "Master Packet of Forms." Protests against equipment at a FIS event must be handled in accordance with current FIS rules. Please refer to current FIS and USSA Equipment Regulations for season 2016-2017 and/or the current edition of FIS Specifications for Competition Equipment.

16. COMPETITORS' PROTECTIVE MEASURES

With the exception of forearm protection used in Super G, Giant Slalom and Slalom, and shin protection used in Slalom, body protection must be worn under the suit. *This includes knee braces; however, a brace may be worn over the suit if it is then covered with a piece of an old suit.* [FIS Specifications for Competition Equipment; Edition 2016-2017]

17. COMPETITION SUITS

For Downhill, Giant Slalom and Super G upper-level competitions (OWG, WSC, WC, COC, WJSC), competition suits must have either a plomb or a label attesting conformity with FIS specifications. [606.2.1] **Only new suits will have labels; suits that only have plombs are acceptable.**

18. HELMETS AND CAMERAS - USSA EVENTS

- a. All competitors and forerunners must wear a helmet for Giant Slalom, Slalom, Downhill and Downhill Training, Super G and Alpine Combined that meets current equipment specifications. [606.4, 707, 807, 907, 1007, and additional USSA and FIS regulations.]
 - 1) Athletes U14 and older must use helmets that meet the FIS standards for all USSA Giant Slalom, Super G and Downhill. U14 and older competitors whose helmets are not in compliance will not be permitted to start.
 - 2) Regulations for helmets for Slalom, Giant Slalom, Super G and Downhill are applicable without exception at all levels of FIS competition [2.3.3]
 - 3) Soft ear protection is only permitted for helmets used in Slalom. [807]

b. **HELMET AND BODY MOUNTED CAMERAS**

- 1) Helmet and body-mounted cameras are not approved for use at USSA non-FIS events. *Athletes who have personalized their helmets, e.g. camera mounts, bling, stickers, etc., are allowed to start.*
- 2) Competitors and forerunners at FIS alpine events are prohibited from using cameras; camera mounts are also prohibited. *This prohibition does not apply to properly credentialed FIS media, e.g. POV runners.*

c. **GOGGLE INTEGRATED CAMERAS**

- 1) Cameras integrated into goggles are allowed at USSA scored and non-scored events, including Masters.
- 2) With the exception of National Championships, Continental Cup (NAC) and World Cup, they are also allowed at FIS events.

19. HELMET ALTERATIONS/MODIFICATION - FIS EVENTS

The helmets shall be used without alteration/modification, as certified by the manufacturer. Furthermore, no additional element/equipment shall be affixed on the surface of the helmet. **[6.2.4, FIS Specifications for Competition Equipment]** *This does not apply to National Association or sponsor stickers.*

20. DOUBLE ENTRIES

If a competitor has started a competition, he cannot appear as DNS 1 in another competition on the same day, *except for Downhill Training*. If a competitor is entered into and drawn for Downhill Training and subsequently leaves this competition in order to participate in *another Downhill competition*, he will not be permitted to return to the first Downhill competition. **[621.12]**

21. DOWNHILL IN TWO RUNS

Downhill races carried out in two runs must be identified as such in the FIS Calendar. In exceptional cases where carrying out the original Downhill is jeopardized (unfavorable snow or atmospheric conditions), the Jury *is permitted* to conduct the Downhill in two runs. **[706.2.5, 706.2.6]**

22. SINGLE POLE SLALOM & SINGLE GATE GIANT SLALOM - FIS EVENTS

- a. Single Pole Slalom is permitted in all international FIS competitions. All rules of the ICR are valid with the exception of those in **804.1 – 804.3**.
- b. Single Gate Giant Slalom is permitted in all international FIS competitions. All rules of the ICR are valid with the exception of those in **904 – 904.4**.

23. COURSE SETTING GUIDELINES FOR MULTIPLE AGE CLASS COMPETITIONS

For multiple age class competitions, course setting guidelines for Super G, Giant Slalom and Slalom events are based on one class older than the youngest age class competing, e.g., U16, U14, U12 and U10 will follow U12 guidelines. Downhill event course setting is based on the youngest age class competing. **U8, although recognized by USSA, as well as additional classes for younger competitors are established for the purpose of awards and are subject to U10 course setting guidelines.**

24. GOLDEN RULE SEEDING

Adaptive athletes competing in regularly calendared USSA competitions will be seeded in special groups; *there is no minimum point requirement*. **[U621.3.1; U621.11.3.3]**

25. VALID AND FALSE STARTS [613.7, 805.4] AND DELAYED STARTS [613.6, 805.3.1]

- a. Early/late start violation occurs when a competitor is in the start gate and does not start within the required period with respect to the start command – “GO”!
- b. Course workers and officials must have a reasonable expectation of when a competitor may be approaching their position. Competitors who either start early or late can minimize this expectation and potentially create an unsecure environment. For these reasons, early/late start violations require DSQ.
- c. A “delayed” competitor is one who is not present in the start area or who is not ready to step into the start gate when called. In cases where a provisional start is allowed by the Start Referee (*force majeure*) or the Jury (doubt), delayed starts require SANCTION, which may or may not include DSQ.

26. INTERDICTION TO CONTINUE AFTER A COMPETITOR STOPS

If a competitor misses a gate [614.2.2] or comes to a complete stop (e.g. after a fall), he must no longer continue through previous or further gates. This interdiction is valid in all events with a fixed start interval (Downhill, Super G, and Giant Slalom). The only exception is Slalom [661.4.1], as long as *the competitor does not interfere with the run of the next competitor or has not been passed by the next competitor.* [614.2.3]

A competitor who has been passed cannot continue on course and is classified as a DNF; the penalty for continuing to race after a complete stop is disqualification. [628.8] *At the discretion of the Jury, additional sanctions may be applied.*

27. PROVISIONAL RERUNS

When making a determination on the validity of a provisional rerun, the Jury must evaluate the following, many of which are included in the provisions of Rule 623:

- a. Did the competitor cross the finish line? *Unless the claimed obstruction occurred in close proximity to the finish line and the competitor's racing speed did not allow sufficient time for the competitor to avoid crossing the finish line, the Jury may consider the run is over.*
- b. When interference did not occur in immediate proximity to the finish line, did competitor stop immediately after the obstruction or interference occurred and *report the incident to the nearest Gate Judge or Jury member?*
- c. Does the claimed obstruction/interference meet the requirements of 623.1.2 (Technical Failure), 623.1.3 (Yellow Flag) or 623.2 (Grounds for Interference)?
- d. Did a "similar incident" occur that caused significant loss of speed or lengthening of the racing line and consequently affect the competitor's time? [623.2.6] *Please note the reference to "competitor's time" refers to "time on course" – not "competitor's assigned time". Example would be if a competitor is forced to ski around a hole in the course, this would lengthen his racing line and affect his time. Rules 623.1.2, 623.1.3, and 623.2.1 – 623.2.5 list specific definitions of obstructions/interference, and rules cannot be written to address all issues that could be so defined. Rule 623.2.6 refers to "similar incident" which gives the Jury latitude to address these issues. This could apply to an obstruction that occurred in immediate proximity to the finish line, a gate that is not replaced in the correct position and requires a reaction time of one or more gates; weather issues, e.g. fog, lightening, snow swirl, etc.; course condition, e.g. surface breakdown, etc.*
- e. Did the competitor commit a fault (gate fault or start procedure fault) prior to the obstruction or interference? [628.7]
- f. Only the Jury can authorize a provisional start or validate a provisional run.
- g. A provisional or definitively approved rerun remains valid even if it proves slower than the obstructed run.
- h. For provisional reruns required by broken gates, every case must be checked individually; the Jury on site is the only group that can decide, based on the particular and detailed circumstances, if interference occurred.

28. LOSS OF ONE SKI - FIS EVENT ONLY

If a competitor loses a ski without having committed a gate fault or without coming to a complete stop, he may continue as long as he does not interfere with the run of the next competitor or has not been passed by the next competitor. [614.2.4] If the competitor violates these provisions, a penalty may be assessed. [628.8]

29. VALID FINISHES

ICR 615.3 states the finish line must be crossed on both skis, or on one ski, or with both feet in the case of a fall between the last gate and the finish line. ICR 611.3.1 further states that in case of a fall at the finish where the competitor does not come to a full stop, the time is taken when any part of the competitor's body stops the timekeeping system. USSA states that a binding release more than 2 gates above the Finish line in Slalom, Giant Slalom or Super G or more than 1 gate above the Finish line in Downhill shall be considered as a clear DSQ. [U628.15, U629.4]

30. KOMBI RULES

- a. Youth Kombi events must be set using appropriately homologated hills. Slalom/Giant Slalom format (technical orientation) using a hill homologated for Giant Slalom and Giant Slalom/Super G format (speed orientation) using a hill homologated for Super G.
- b. Athletes must use the helmet that meets the standards for the faster of the two events being contested.

- c. Please refer to all sections of ACR **U1259.3.2** for complete details.

31. SECOND RUN - USSA SCORED EVENT

If the OC and Jury allow it, competitors in Slalom and Giant Slalom events who are shown as DNF or DSQ in the first run can start in the second run with their original bib and in their original bib order after the last qualified competitor. Announcement of this procedure should be given no later than the Team Captains' Meeting. [**U621.11.3.2**]

- a. Appropriateness depends on, but is not limited to field size, snow conditions, and visibility.
- b. Coaches' discretion advised.
- c. In cases of *force majeure*, the Jury may terminate a competition prior to DNF/DSQ second-run starts.

32. FACTORS

Factors used for calculating race penalties for scored events remain unchanged for the 2016-2017 season.

DH: 1250 **SL:** 720 **GS:** 980 **SG:** 1080 **AC:** 1150

33. DAILY ALLOWANCE FOR USSA TECHNICAL DELEGATES AND USSA COURSE INSPECTORS

In addition to normal out-of-pocket expenses, e.g. meals, lifts, lodging, mileage/rental car, etc., a daily allowance of **\$75** per travel/inspection/training/competition day has been approved for USSA Technical Delegates at all USSA events – both scored and non-scored. The \$75 daily allowance also applies to USSA Course Inspectors. *Please note that FIS officials officiating at USSA FIS events are entitled to a higher daily allowance amount. A FIS Technical Delegate serving as the Technical Delegate at a USSA non-FIS event is only entitled to the USSA daily allowance of \$75 per day.*

A copy of the USSA Technical Delegate's Expense Report for all USSA non-FIS events must be submitted to USSA Technical Delegates' Working Group Chair (ussatd1@gmail.com). *Please note this is a new email address; receipt will be auto-acknowledged.*

34. USSA MEMBERSHIP and COMPETITOR CLASSIFICATION

- a. USSA General Member is available for all ages and is structured for young athletes who train with a club program and compete only in non-USSA competitions. *USSA General Members are eligible to forerun but not to compete in sanctioned events.*
- b. USSA competitor memberships are available for classes U10-, U12, U14, U16+, and USSA Masters 18+.
- c. The U10- category includes U8 (ages 7 and younger) and U10 (ages 8 and 9).
- d. The U16+ category includes U16 (ages 14 and 15), U19 (ages 16, 17 & 18), U21 (ages 19 & 20) and Senior (ages 21 and older).
- e. A per-day membership category (Short Term) is available that allows members to try different events/disciplines without having to obtain full Competitor membership. A short-term member will be limited to purchasing first short-term membership of the season online *if they do not already hold another membership*, subsequent short-term memberships will need to be purchased via phone. Short Term memberships are available for: Youth (U12), Athlete (U14+) and Masters (18 & over).

If you have any questions regarding the membership category appropriate for you, contact USSA's Membership Department or your Region/Division USSA Alpine Office.

35. DUAL PARALLEL EVENTS

Dual Parallel events follow either Giant Slalom or Slalom format. Two or more competitors race simultaneously side by side down two or more courses with the winners advancing into "brackets" and elimination-type finals. USSA has adopted "U" rules for dual parallel events; with the exception of those "U" rules, ICR rules apply.

In addition to the "U" rules, it is also recommended that a suggested format be included to give organizers and athletes a general idea of how the event should be run. This suggested format could be used or not based on divisional goals.

- a. All athletes will take two qualifying runs with combined times used to seed the brackets
- b. The top 16 men and women will be advanced to brackets

- c. Penalty time shall be 5% of the fastest single run time with a 1.5-second maximum. This is calculated separately for each gender or group racing.
- d. Brackets will be conducted as a two-run event with maximum time that can be won or lost in the first run as the calculated penalty time. Athletes change courses for the second run.
- e. Differential time will be used if start gates that have controlled release are available. Net times will be used if starts use a wand.

36. PARALLEL EVENTS

Parallel events can be staged using either Giant Slalom or Slalom format. Winners of each run do not advance into “brackets” or elimination-type finals. Overall winner is decided either by fastest time on course (1-run format) or fastest combined time (2-run format).

37. HOMOLOGATION FILES

USSA course homologation files are available on the USSA website. Login is required:

User ID = homologation; Password = Allout2018!

<http://media.ussa.org/Public/Athletics/CompServices/Homologation>.

38. NATIONAL HEAD TAX FAQ's

- a. National Head Tax of \$10.00 per starting competitor, is paid for all first-run starts, including DSQ's and DNF's per race per gender and is due to USSA for all USSA scored (including FIS and FISU events); exception, for collegiate USSA Scored (non-FIS) the Head Tax is \$250 per race per gender. **Head Tax is due within 30 days of the race date.**
 - 1) You must account for all competitors. U.S. Ski Team Members (A, B, C, D), USSA National University Team Members, U.S. Paralympic National Alpine Skiing Team Members and NAMED Foreign National Team Members ranked 350 or better in one of the events being contested are exempt from USSA Head Tax. In addition, Head Tax for athletes ranked 100 or better in one of the events being contested may also be waived regardless of their national team affiliation or national status. *Exempt competitors MUST be listed on the “Head Tax Exemption Sheet” which can be found in the Master Packet of Forms.*
 - 2) USSA - after automatically deducting USST athletes from the total number of starts - will calculate the amount of Head Tax due and provide a detailed account of expected amounts. This can be found under the Event Administration area of the club login. A form showing the expected Head Tax for National, Regional and Divisional (not all Divisions have supplied Head Tax information for inclusion in the calculations) can be printed from that site and returned with required Head Tax payments. If USSA's calculation shows a different amount due, the “Head Tax Exemption Sheet” must be included with payment.
 - 3) If an OC chooses to use USSA's online race registration system, the OC needs to login to the Event Administration system using the **club login** to see their Head Tax owed and registration amount collected. Once agreement is reached, USSA will forward the entry fees to the OC.
 - 4) If a Region/Division that requires additional Head Tax has not supplied Head Tax information for inclusion in the calculations, payment of these amounts will be the responsibility of the OC and should be submitted as directed by your appropriate Region/Division. *Verify procedure for your Region/Division.*
 - 5) Event Organizers may choose, or be required, by Region/Division to waive entry fees for regional teams, etc., however USSA National Head Tax MUST still be paid for these competitors.
- b. USSA Head Tax Policy
 - 1) Head Tax is not charged for U.S. Alpine National Championships, NorAm Cup or World Cup events.
 - 2) For “National and FIS Events,” USSA and Regional head tax is collected. Division head tax may not be collected. *Contact Division Office for requirements.*
 - 3) For “Regional Events”, USSA and Regional head tax is collected. Division head tax may not be collected. Example: Regional FIS or USSA Regional Junior Championships. *Contact Division Office for requirements.*

- 4) For “Division Events” USSA, Regional and Division head tax is collected. *Contact Division Office for requirements.*
- 5) USSA, Region or Division authority may waive respective Head Tax(es).

ALPINE OFFICIALS' INFORMATION:

1. **CERTIFICATION GUIDELINES:** Certification Guidelines have been updated and are included in the “Master Packet of Forms” and posted on the USSA website.
 - Race Administration (RA) certification has been combined with Data Management. Race Administration Study Guide has been restructured into two sections; two separate sessions are suggested.
 - A separate Jury Advisor (JA) examination is available for those individuals who wish to serve as Start / Finish Referees. A separate Jury Advisor Clinic is not available; attendance at a Referee Clinic is required.
2. **MASTER PACKET OF FORMS:** Due to procedural changes for both USSA non-FIS and USSA FIS events, many forms have been updated. Please only use the forms included in the 2016-2017 “Master Packet of Forms” located on the USSA website. *Race Administrator must discard all copies of outdated forms.*
3. **ADDITIONAL AO EDUCATION MATERIALS:** The “Timing Operations Workshop” and “Radio Protocol and Techniques” have been updated. Presentations addressing the challenges of the use of race result software as well as suggested formats for the preparation of Jury Minutes are also available. All presentations will be posted on the USSA website.
4. **CHIEF OF TIMING AND CALCULATIONS:** This official supervises, documents and enforces quality control of timing operations. With the exception of lower-level events (e.g. YSL), where staffing might require it, the Chief of Timing and Calculations should not be the individual operating the timekeeping equipment or the timing/race result software. The Chief of Timing and Calculations for National Championship, NorAm Cup and World Cup events should be certified as Level 3 or higher Chief of Timing and Calculations. In addition, USSA’s Schedule Agreement requires that the Chief of Timing and Calculations be appropriately certified for all USSA-sanctioned events; this requirement carries the responsibility of current USSA-membership.
5. **RACE ADMINISTRATOR:** Due to requirements for preparation of accurate event documentation (these are all legal documents), it is strongly suggested that the Race Administrator not assume the duties and event responsibilities of the Chief of Timing and Calculations.
6. **ALPINE OFFICIALS’ CLINIC STUDY GUIDES:** Study Guides for each specialty area are posted on the USSA website. Clinic attendees should download, print and read the applicable Study Guide prior to attending a USSA-approved Clinic, however, ***downloading, printing and reading the Study Guide must not be substituted for actual attendance at a USSA-approved Clinic; it must not be used as a replacement for actual instruction at any USSA-approved Clinic.***

Study Guide for Competition Official (CO) remains in effect until update is available and posted on the USSA website. Other specialty area Study Guides do expire; they will be removed from the USSA website on June 1 of each calendar year. *With the availability of online Competition Official (CO) certification, successful completion of the online Competition Official (CO) presentation may be accepted as a replacement for actual attendance at an approved Competition Official Clinic. NOTE: ONLINE CERTIFICATION IS ONLY AVAILABLE FOR COMPETITION OFFICIAL (CO).*
7. **MATERIAL FOR EXAMINATIONS:** Examinations are open-book format. Allowing use of computers for calculations, Second Run Start List preparation, Penalties, article research and location, etc., defeats the purpose of having to KNOW how to perform the function and is strongly discouraged. ***The Study Guides are not intended as a replacement for notes used during an open-book examination at any USSA-approved Clinic.***
8. **EXAMINATION FAILURE:** An official who does not earn the points required to pass an examination is NOT allowed to retake the failed examination within the same competition year. A retake cannot occur until an updated version of the examination is available the following season. An appeal of a failing examination may be filed; refer to “Appeal of an Official’s Examination Grade” contained in Chapter XI. Alpine Officials’ Program in the Alpine Officials’ Manual, for detailed information.

USSA MODIFICATIONS TO ICR

The following is a partial list of USSA modifications that do not apply to FIS events.

1. **TIMING RULES:** There are differences between the ICR and the ACR regarding timing. Please review section 611.
2. **LIMITATIONS IN SECOND RUN:** **ICR 806.2** and **906.2** allows the Jury to limit the second run to one-half of the competitors on the first run start list; announcement must be made 1 hour prior to start of first run. **ACR** only allows second run limitations for collegiate events and states notice must have been given in the official invitation, or on the official notice board before the race started, and at the Team Captains' meeting before the draw.
3. **COMPUTER-GENERATED DRAW:** **ACR 621.9** states the Jury can allow a draw assisted by computer. **ICR 621.9** requires that the Team Captains sign their entry before the draw is conducted by computer.
4. **PLOMBS:** **ICR 606.2.1** requires a label or plomb on Downhill, Giant Slalom and Super G suits attesting to conformity with FIS specifications; USSA has no such requirement for speed suits.
5. **MONETARY SANCTIONS:** **ICR 223.3.1** allows for monetary sanction at FIS events. **ACR 223.4** prohibits monetary sanction at USSA events. It also prohibits the Jury from imposing a sanction from one site (current series to events) to another.
6. **VALID FINISHES:** **ICR 615.3** states Finish line must be crossed on both skis, or on one ski, or with both feet *in the case of a fall between the last gate and the finish; time is taken when any part of the competitor's body stops the timekeeping system.* **ICR 611.3.1** states that in case of a fall at the finish where the competitor does not come to a full stop, the time can be taken without both of the competitor's feet having crossed the finish line; competitor must then cross the line. **USSA** states that a binding release more than 2 gates above the Finish line in Slalom, Giant Slalom or Super G or more than 1 gate above the Finish line in Downhill shall be considered as a clear DSQ. [**U628.1.5, U629.4**]
7. **PROTESTS:** **ACR U640.1** adds "eyewitness testimony" as a supplement to the requirement for physical evidence.
8. **PENALTY POINT CALCULATIONS:** **USSA penalty point calculation** differs from **FIS** in that no "correction value" (adder) or "Z value" are part of the calculation. In addition, "**Rules of the FIS Points**" states that at least five competitors have to be classified. **USSA** allows for the insertion of "ghost" racers/points and states that at least three competitors have to be classified. (*Refer to appropriate section of current Alpine Competition Guide.*)
9. **DNF/DSQ/DNS SECOND RUN START OPPORTUNITIES IN NON-SCORED EVENTS:** **ACR U621.11.3.2** allows a competitor who does not finish, who has been disqualified or who did not start the first run to take a second run with their original bib after the last qualified competitor, if the Jury and the OC allow. *The latest that announcement of this procedure should be given is the Team Captains' Meeting.* However, when each run counts individually, the competitors may start in their original bib and their first-run starting order.
10. **DNF/DSQ SECOND RUN START OPPORTUNITIES IN SCORED EVENTS:** **ACR U621.11.3.1** allows a competitor who does not finish or who has been disqualified in the first run to take a second run with their original bib and their first-run starting order after the last qualified competitor, if the Jury and the OC allow. *The Team Captains' Meeting is the latest time when allowing this procedure should be announced.*
11. **MINIMUM VERTICAL DROP PER RUN, ALTERNATE MINIMUM TIME STANDARDS AND ADDITIONAL PENALTY:** These items are fully explained in the **CURRENT Competition Guide - Alpine**; "**Rules for Special USSA Race Penalty Calculations, Race Fails to Comply with Minimum Technical Standards.**" *FIS requires that, unless an exception is granted by the FIS Bureau, vertical drop requirements must be met or the event may result in being scored as an ENL.*
12. **SEEDING**
 - a. **Adaptive seeding:** Special seeding by the "Golden Rule" or by USSA points, whichever is more favorable, applies to Adaptive athletes competing in regularly calendared USSA events. [**U621.3.1; U621.11.3.3**]
 - b. **Additional seeding methods:** Special seeding formats can be used if currently approved by the Alpine Sport Committee and announced in advance of the competition. These include, but are not limited to, team seeding and TRS. Refer to current USSA Competition Guide for additional information.
13. **USSA COURSE SPECIFICATIONS and USSA YOUTH RULES:** These specifications/rules may differ from FIS; please refer to current edition of USSA ACR and its Precisions.