U.S. Ski & Snowboard Scored and Non-Scored Seeding Methods

FORMAT	DESCRIPTION	DIVISIONS/REGIONS USING	STATUS
Ability Class System	There are 5 ability classes in PNSA: Category 1, Category 2, Category 3, Category 4 and Category 5. The 5 classes are identified at the beginning of each season using the 5th USSS Point List and defined as follows: Cat. 1 – All competitors meeting a USSS Pt. cut-off in SL, GS or SG that closely represents the top 10% of PNSA competitors. For 2015-16 up to: Ladies = 110.00 and Men = 90.00. Cat. 2 – All competitors meeting a USSS Pt. cut-off in SL, GS or SG that closely represents the top 30% of PNSA competitors. For 2015-16 up to: Ladies = 165.00 and Men = 150.00. Cat. 3 – All competitors meeting a USSS Pt. cut-off in SL, GS or SG that closely represents the top 60% of PNSA competitors. For 2015-16 up to: Ladies = 225.00 and Men = 215.00. Cat. 4 – All ranked competitors who have less than 999.99 USSS Pts. in at least one event; SL, GS or SG. Cat. 5 – All non-ranked competitors who have not yet scored a USSS result and have 999.99 USSS Pts. in SL, GS & SG. The cut-off points for Cat. 1, 2 & 3 remain constant for the entire competition season, and may need to be adjusted by the ACC at the beginning of each new competition season. Classification is determined by the athlete's best USSS Pts. in SL, GS or SG. The athlete is classified the same in all 3 events. For example, if the athlete's best USSS Pts. come from SL and rank the athlete in Cat. 2, the athlete will be ranked in Cat. 2 in all 3 events. At the beginning of each season, new competitors to PNSA will be placed in the appropriate class according to their USSS Pts. Continuing competitors will begin the season in the class they finished the prior year. (See Annual Transitionbelow.) Race Seeding, Start Lists and Awards Races will be seeded with Cat. 1 athletes starting first, followed by Cat. 2 athletes, then Cat. 3 athletes and so on. First run start order will comprise of a random draw of all athletes(See the Start List Exception for Cat. 1 below.) Second run start order will be organized by standard USSS rules, with a reverse 30 of the fastest 1st run athletes, regardless of class. The awards at each race will be presented to the overall top 3, plus each ability class, with the exception of Cat 1. Awards for Cat 5 athletes are presented only through races in February.Race organizers are encouraged to present awards to at least the top 5 finishers in each class, depending on class size.	PNSA	On Hold
Random System Non-Scored	Run 1: Randomize within Gender / Age Group. Run age younger age groups first. Run 2: Reverse Run 1 within Gender / Age Group	Intermountain Central Region 1 Open Age Class New York U12	
Random System Non-Scored Qualifier	1st Run Start Order - Random within Gender / Age Group. Run Older groups to younger. 2nd Run - Reverse Run 1 within Gender / Age Group	Central Region 1	

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Random System with Ability Grouping	Day 1 Run 1 - Randomized within gender and age group
	Day 1 Run 2 - Reverse within gender and age group
	Day 2 Run 1 - Determine size of seeds by dividing the entire field into thirds – "Ability" groups "A", "B", "C" (# of Ability groups can be adjusted determined by entire field size)
	Sort entire field by best place result
	Ties will be broken by
	     Next best place result
	     If tie still exists, by best race points
	     In the case of 2 DNF's or DSQ's, refer to prior location result for seed placement.
	     Compare to other athletes.
	     Insert into appropriate seed. Adjust seeds to proper number.
	Randomize Ability Groups (seeds) for first race start order.
	Race order: 1) Group C, 2) Group B, 3) Group A.
	
	Day 2 Run 2 - Reverse order within ability group
		Rocky	

Random System with Bibbo	Run 1: Randomize within Gender / Age Group Run 2: Flip 30 Bibbo	NYSSRA and Far West (U14)	
Random then Reverse	Seeding will be done by random draw and the second run order will be reversed bib. Guests should be seeded in the middle of the field	VARA U12, U10	
Random with Series Points	The first two races will be seeded randomly. The next races will use the place-point rankings for seeding. Second runs for ALL races will be reverse bib order of the first run, with the exception that after the first two races, the Top 15 competitors in the each run should be randomized. Guests should be seeded in the middle of the field.	VARA U14	
Teasdale and Randall System (TRS/Butterfly)	For non-scored, multi day races. Run 1: Randomize within Gender/Age Group. Run 2: Reverse Run 1. Day 2 (Run 3): Split Run 1 (ex. 6, 7, 8, 9, 10, 1, 2, 3, 4, 5). Run 4: Reverse Run 3 Age Group order typically youngest to oldest NOTE: If one of the disciplines is speed, typically a new randomization is done. When new athletes need to be inserted in an existing draw, the following procedure shall be followed: New athletes will be inserted after racer the racer who's position is 1/2 of the original (random) draw The expanded list will be expanded to include all new entries to the first half of the list while the second half of the draw will remain the same. EX: Draw is for 50 athletes. 3 new athletes will be added at position 26, 27, and 28.	Rocky PNSA Northern	

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Turton Method	The field is divided into seeds of approximately 15 and each division is given slots in each seed equal to its percentage of the entire field. A draw for the divisional order will be held for each seed in each event, by the ROC, with the participation of the technical delegate (s) in February and communicated to the regional and divisional offices. The Divisions places their quota into each seed for each event in the order they choose, by their own selection methods, and the five divisional offices then enters their own quota to the ROC by the entry deadline. According to the "Turton Method", event, seed, and order identify seeding in the six. Modifications to the entered seeding may only be made for injury, illness, or other extenuating circumstances with the approval of the divisional offices. Run 2 - Will either be the same as Run 1, Bibbo, or a redraw. The OC shall announce Run 2 seeding procedures in its race announcement.	PNSA Northern Divison Western Division NHARA U12 & U14 Championships	
Turton Method U12 Championship Seeding	Run 1 - From the divisional submitted qualifying orders the start list will be divided into seeds of 16. These seeds will be randomly mixed to develop te order of each seed. Run 2 - The second run start order will be the same as the first run. Bibs will be returned at end of 1st day and a new start order will be generated for the 2nd day of the Championship event. The second run start order will be the same as the first run.	NHARA	
Turton Method U14 Eastern Championships	Division Quotas will be determined by the Children's committee by Dec. 1 and published on the USSA Eastern Website. Quotas represent one divisional team to the U14 Eastern Championships. Up to 5 spots per gender can be reserved by the Eastern Region Youth Coordinator and Development Director for a development quota. These selections will be announced before the first Team Captains Meeting. The development quota will be in their own seed after the first seed. Run 1 - Each divisional team will be divided into five groups for men, five groups for women. If quota is not divisible by five, the larger group will go into seed one, and then into seed two, as needed. Within each of the five seed groups, a random draw will determine the first run order. Seeds will run in order from one to five for each event. Seeds will consist of the same athletes for each event. Run 2 - Second run start order for each event will be determined by normal USSA procedures; reverse top-30, then 31st on from first run times. If possible, first run DNFs and DSQs are allowed to run the second run, in bib order, at the end of the field. This is determined by the jury.	Eastern	
Turton Method U14/BW Championsips	Run 1 - Participating full teams shall have one racer placed in each of the 8 seeds. Seeds 1-7 will contain a member from each team; seed 8 will be all others entered. Each team will designate their entries (1-7) no later than 2 weeks prior to the event. No changes will be allowed after the deadline. If the OC has not received the seed list by the deadline, athletes will randomly be seeded within each seed (1-7) and that placement is final. The 8th seed will be randomly drawn. Run 2 - The BIBO method of seeding shall be used for alpine competition. BIBO seeding is used in the second run of slalom and giant slalom events.	PNSA	

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Turton Method U16 Eastern Championships	Run 1 - The U16 Eastern Championship events will be a seeded USSA event--as per USSA rules with addition of special seed quota after bib 15. This special seed will be composed of up to two athletes per division. If divisions have 2 athletes in the first 15, they will not have any athletes in the special seed. If the division has one athlete in the first 15, they will have one athlete in the special seed. If the division does not have any athletes in the first 15, they will have 2 athletes in the special seed. The athletes will be chosen from the divisional ranking list sent by the division (first ones on the list not in the top 15). The special seed will be drawn randomly. After the special seed all athletes will be ranked by USSA points. Divisions may send different ranking lists for each event. Run 2 - Second run start order for SL and GS events will be determined by normal USSA procedures; reverse top-30, then 31st on from first run times. If possible, first run DNFs and DSQs are allowed to run the second run, in bib order, at the end of the field. This decision is made by the jury.	Eastern, VARA U16 Championships	
Turton Method U16 Eastern Finals	Divisional Quotas will fill the field of 155 competitors. Quotas will be published by Dec. 1 on the USSA Eastern Web site. Quotas represent one state team. Unused quota spots will be reallocated through a state rotation of SO, NJ, PA, ME, TS, NY, NH, and VT. Divisional quotas are due in the Eastern Office by March 1 before the event. Seeding Each state team will be divided into five groups for men, five groups for women. If quota is not divisible by five, the larger group will go into seed one, and then into seed two, as needed. Within each of the five seed groups, a random draw will determine the first run order. 1. Seeds will run in order from one to five for all events. Seeds will consist of the same athletes for each event. 2. Second run start order for SL and GS events will be determined by normal USSA procedures; reverse top-30, then 31st on from first run times. If possible, first run DNFs and DSQs are allowed to run the second run, in bib order, at the end of the field. This decision is made by the jury.	Eastern	
Turton Method with Bibbo	Team running order will be drawn by the division prior to the first race. Coaches will submit final athlete running order to the event organizer prior to each race. There will be no changes to the running orders the night before the race. NHARA - Each club's submitted roster will then be divided into 5 seeds. Run 1 - by seed; random within seed. Run 2 - flip 30 BIBBO. SG - by seed; random within seed.	NHARA, Western U14	

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with comments or errors

FORMAT	DESCRIPTION	DIVISIONS/REGIONS USING	STATUS
Turton Method with Team Rotation	U10 and U12s compete in the same races. The U10s and U12s are maintained as separate fields with their own start lists and are run separately. A team double draw will take place at the Far West Fall Convention. The North series teams will be split in thirds, and the team rotation is to be done in thirds. South and Central Series will rotate by one team for each event. The rotation is good for the entire event(weekend). The team order for each event will be posted on the Far West Skiing U10.U12 schedule page. The North series teams will be split in thirds, and the team rotation is to be done in thirds. South and Central Series will rotate by one team for each event. The rotation is good for the entire event(weekend). The team order for each event will be posted on the Far West Skiing U10.U12 schedule page. A separate Championships Team draw will take place at the Championships opening team captains meeting. The rotation will be split into thirds, to be rotated per discipline, using the Parallel draw order for SG training. The 2nd run start order will be reverse order of the first run. A random draw will take place for the SG race. All competitors are allowed to start the second run in their starting spot, including those who did not finish (DNF) or were disqualified (DSQ) in the first run.	Far West	
Turton Variation Tahoe League	All age groups run by team order as determined by the Team Draw at the Far West Fall Convention. Athletes will race youngest to oldest by age group for both first and second runs, female/male. Example: U8 girls followed by U8 boys, U10 girls followed by U10 boys, etc. Second run will be reverse order within age class.	Far West	
Turton Variation U14 Championship Seeding	Run 1 - From the divisional submitted qualifying orders the start list will be divided into seeds of 16. These seeds will be randomly mixed to develop the order of each seed. Run 2 - The second run start order will be the same as the first run. Day 2, Run 1 - Bibs will be returned at end of 1st day and a new start order will be generated for the 2nd day of the Championship event. Day 2, Run 2 - The second run start order will be flip 30 and then by order of finish.	NHARA	
U16 / U14 Super G Qualifier	U16s are seeding according to current US points. U14 are randomized and run following U16s.	Central Region 1	
U10 / U12 Year of Birth	Athletes race within Year of Birth for the U10 and U12 age groups. Girls and Boys race together within birth year. Standard TRS seeding is used.	Rocky	
US Seeding (ACR 620)	Run 1 - Top 15 are listed in point order, then randomized. Ties within points and 999 pointholders will be randomized. Run 2 - Top 30 fastest times are reversed. Remainder of the field runs fastest to slowest.	US Ski and Snowboard Standard	

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FORMAT	DESCRIPTION	DIVISIONS/REGIONS USING	STATUS
USCSA National Seeding	Run 1 - Participating full teams shall have one racer placed in each of the 5 seeds. The order of teams shall be generated by random selection within each seed. There shall be separate draws for both slalom and giant slalom. The seeding of outstanding individual competitors (Regional and Nationals) for slalom and giant slalom shall be placed between the first and second seed. The random selection of these individual representatives shall be determined by draw at the seeding meeting. (For Nationals: If an outstanding individual competitor is also a member of an Invitational team, he/she will maintain the outstanding individual competitor seeding.) Run 2 - The BIBO method of seeding shall be used for alpine competition. BIBO seeding is used in the second run of slalom and giant slalom events.	USCSA National PNSA (5 seed method)	