



PRECISIONS TO RULE CHANGES - 07/08

Aerials

Working group goal is to help us judge better. The working group met during the season and again at the end. All nations were represented in the working group. They identified the problem of making it easier for the judges to evaluate the jumps. There were sometimes mistakes and misunderstandings in their evaluations of some jumps and they would work to help clarify the issues. The working group identified that separation needed to be clearly identified and the proposal by Canada that has been adopted by FIS should help with this. Athletes need to perform jumps so that judges can identify the start and end of a maneuver and the timing of the maneuver should not take precedence as it had in the past. It was identified that the hands in an open position helps identify when a twisting maneuver is completed. A layout to a full or double full will start about a ¼ turn at 1200 and this is acceptable. Essentially the 11 to 1 o'clock position has been opened and the flip would not be penalized in both rotations for being late in one. Early finish was okay, but again no more that ¼ turn at 1200. It was identified this was a big change for judges as they had trained for a number of years to focus on the timing of twisting flips. The intent of the proposal would have to be worked on during the clinics to ensure we capture the rule change. A decision to identify separation on the score sheet was made to encompass the reduction of score = 0 – good separation, .5 for identifiable but unclear jumps, 1.0 reduction of the form score for no discernible separation between maneuvers. This reduction would apply once (not 1.0 between 1st and 2nd and another 1.0 between 2nd and 3rd) to any jump separation issue that had meet this criteria of this new rule. This reduction of form score would be done after the rest of the jump was evaluated for form. It was also identified that the proposal talks about the form score being 6 points when it is only 5. Height and distance and take off being one each.

Video was reviewed and comments were made. In the end the discussion was productive and a master of the jumps to be used in the clinic was made.

**** The proctors are to receive the material by the first week of September and will review the master to the jumps. If any questions there are questions an email discussion



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will be made and issues rectified before the first clinic in France, Uli will be the leader of this process.

**** A master will be needed for the water ramp training jumps.

Bib#	Name				W	M	Fore	1st	2nd	Judge 1 Aerials
Technical Take-Off				Jump			DD			Total
Good				Average			Bad			
1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	
Height and Distance										
Good				Average			Bad			
1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	
Form										
- Separation										
Good		Average		Bad						
max. 5.0		max. 4.5		max. 4.0						
- Timing										
- Formbreaks										
<small>Artwork: © Solutics GmbH www.fot.ch - info@fot.ch - Concept FIS Rules & Tech 5 Judges Format Rev. 8-2007</small>									Total Score	



Moguls

Discussion of on the science and research done in Finland on mogul skiing The measurement of the body in relation to mogul skiing with reference to upper and lower body and the action of technique. They identified the following to better define turning technique.

*Analysis Mogul Skiing (from presentation)
How to recongnize excellent turn*

- **Upper body**
 - *Stable*
 - *Hands / poleplanting symmetrical*
- **Hip**
 - *Stable, no side to side movement*
 - *Follows all the time centre of the ski-line*
- **Absorbtion / Ext.**
 - *Right timing, right direction*
- **Carving**
 - *Lateral knee angulation*
 - *Symmetrical weight shifting*
- **SKIING LOOKS LIKE THERE IS NO MOGULS AT ALL...**

Definition of jumps in moguls, the working group looked at making a greater variety of jumps by better defining them and increasing DD. They also wanted to give additional credit to jumps with grabs. As DD gives higher point value the grabs must be done well, if not (clear attempt for grab) the form score will be reduced.

As there are many different grabs it is difficult to define all. Discussion was had on the definition and clarification of the grab terms. There was much concern of grabs not defined in proposal and then performed in competition. If grabs are not defined it will be up to the coaches to advise the working group to add them. This is not done during a competition.



**** It was decided that the proctors would look closely at the definitions and submit to the working group for changes, any changes then would be emailed to the group.

**** Need to change definition of bF to be only made in layout position (mogul working group decision). Back full that are done with position or grab would be scored as low D-spin (d-spin optimum 45° angle). As the back-full should be done in the layout position, the definition would need to be changed 6204.2.1.2 page 26. A bFp would be scored low as it is a D-spin in definition in an upright position and could not receive high scores.

It was noted that a bdF as seen from the judges in moguls would have tilt as this is required to perform the maneuver. The optimum position would be between the 11 and 1 o'clock position.

The difference between the loop and egg roll is the slight change of angle for the maneuver (moving the yaw axis out to the side of the run) and anything in between the defined positions for each is acceptable.

**** Code in mogul air must be right order with as done in past "category of jump" last i.e 7opa. List Loop full in off axis jumps 7opa...(bL2F for bdF for code need to confirm code change).