Technical Controller Mid-Winter Report
January 2022 Revision 12-6-21

To: AWSA Board of Directors

From: Jerry Jackson
AWSA TC Chairman

BOD Action Item (by TC Committee)

1) Request for APPROVAL on TC Proposed Rules 1 thru 4 - on Page 2 thru 4. These changes were submitted by the Technical Committee but did not receive sufficient votes to move out of the Rules Committee. The TC Committee is recommending that skiing criteria for Class E events be the same as Class L. The only differences between E and L should be the AWSA Administrative Rules (which allows lower judges ratings, tower position, etc.).

BOD NO Action required, under Rules Committee Report:

2) Submitted in the Rules Committee Report, to remove all the duplications that are in the AWSA rule book that are in the IWWF Rule Book for Class L/R as approved by the BOD in 2020.

3) TC Committee Members all agreed that National Records set under Class E must meet the same skier performance criteria specified in Class L/R. The only difference would be Administrative (number of Sr Judges required for Class E vs L/R).

EVP/Region Council Action Item:

1) REQUESTING all REGIONAL EVPS/Councilperson to review and VOTE on the TC Proposed Rules (Proposed Rules 1 thru 4 - on Page 2 thru 4) that did not receive sufficient votes to move out of the Rules Committee.
   Question -In mixed class (Class E/L) division/event (Regional/National) where skiers are competing against each other, should the skiing criteria be the same for all in that division?
2) REQUESTING all REGIONAL EVPS/Councilperson to use BMPS (RTK-GPS- SurePath) going into 2022 calendar year, for all Class E/L/R Slalom/Jump tournaments. In SLALOM-we should start using the Buoy Deviation as information and Cumulative Deviation for 11.25 and shorter for Re-Rides.
   Use in JUMP for information only to collect data. The Jump/Slalom data can be monitored in the SP Judges Screen/APK. We need more data for JUMP.

TC PROPOSED RULES CHANGES 2022 - PROPOSED 1 THRU 4:
These did not receive sufficient votes to move out of the Rules Committee**.**

Proposed #1 thru 3 Make skiing criteria for Class E the same as Class L. Should not have competitions where we have different skiing criteria in the same division/event.
Example: Nationals/Regionals could have MIXED classification in the same division/event (Class E or L), due to administrative reasons. We should not have one skier using different performance rules/criteria as another skier in the same division/event.

IWWF will not remove the limit number of Trick flips. Several top ranked skiers, coaches and official provided input and reasons not to change it. **Example**: *The current mix of tricks in the hand pass with flips, ski lines and spins make for diversity and difficulty. It is important that we keep the toe pass crucial to be able to be in the top standings in the event. We need to ensure that we keep the Juniors developing all aspects of the trick event and further enhance the event. If we were to increase the number of flips it would discourage the juniors from learning rotational and line tricks*

Proposed #1
1.01
D. IWWF Class L & R events conducted under USA Water Ski & Wake Sports (USA-WSWS) sanctioning will be conducted administratively by applying AWSA rules and, in instances where skiing conditions are affected, by applying IWWF rules when different from AWSA.

1. The intention is that performances, considered for placement on world ranking lists or for world records, be conducted under conditions identical to events conducted elsewhere in the world (i.e. a level playing field).

2. Examples of administrative issues where AWSA rules would apply:
   a. *Tournament Entry Registration**.***
   b. Tie breaking rules *at Nationals, Regionals and State tournaments*.
   c. Starting line lengths.

3. Examples of skiing conditions where IWWF rules would prevail:
   a. Trick falls before the course.
   b. ***Number of flips scored in a trick run. (add 2022)***
   c. Waiver of conditions encountered in jump.
   d. ***Reride actions in jump. (add 2022)***
   e. ~~***Tow Rope specifications***~~***.***

4. Slalom, Jump and Tricks courses and equipment shall be in accordance with IWWF Rules except as noted in this rule book for Class E/C/F. (added under Rule Purposed 2022)

Purposed#2:

11.13 Scoring

NEW

F. In Class E, the same requirement in IWWF Rule 9.19 and 9.21 applies. (Example- Class E number of flips is limited, but is not in Class C)

Proposed #3 (in red/strikeout) Reason: all technical criteria should be in one manual (IWWF Rule Book) as approved by the BOD in 2020. And all ski specifications should be the same for all.
This is already in the IWWF and just a duplication except for A and F.
Example:
8.03.A: AWSA allows the use of a trick ski in Slalom, where IWWF does not. Last year's National had a slalom division where there was a tie between two skiers. One skier on a trick ski under class E and the other Class L on Slalom ski (less than 30% of length).

8.03 Skis
A. All skis regardless of the tournament classification shall be in accordance with IWWF Rule 5.08.

~~A. Maximum ski width shall not exceed 35% of the length.~~

~~B. Any rigid or flexible foot binding may be used including bindings that are firmly attached to the ski or designed to release from the ski in the event of a fall.~~

~~1. Bindings may be used that allow the heel of the skier's rear foot to lift off the ski.~~

~~2. The specific location in which the binding is positioned on the ski may not move or change during actual skiing.~~

~~C. Slalom and Jump skis:~~

~~1. Any type of fixed fins may be used.~~

~~2. Devices affixed to the skis intended to control or adjust the skiing characteristics of the ski, for example, wings on a fin, are allowed as long as they are fixed and do not move or change during actual skiing.~~

~~D. Trick skis:~~

~~1. Skis used in the Tricks event shall not have fins.~~

~~2. Trick skis with molded rails/grooves less than 1/2" are allowed.~~

~~3. A foot pad cemented to the ski as a place for the rear foot is also permitted.~~

~~E. With all bindings, fins, etc., installed, the ski must float.~~

F. Attaching two separate skis together in any manner is prohibited.
(This has been submitted to IWWF to be added in IWWF Rule Book)

Continue

Proposed #4 (in Red and strike out): We review all previous scores to determine the best benchmark based on skier's age, not the based on last Nationals**.**
Example: MW Jump Benchmark is 155 ft, which is same as W3 Jump Record. No jump that is close to the 155ft in the MW/W3 Jump at the Nationals. The Skiers Qualifications and TC Committee review all previous scores to determine the best benchmark and that is submitted to the BOD for approval.

14.02 Performance Requirements

For any division, the longest jump distance, highest slalom score or highest trick score in a round of a tournament of Record Capability shall be considered for a record if it equals or exceeds the official record performed before that round of the tournament. A skier competing in the Open or Masters Division may have his performance recognized as a record for his respective age division, provided the performance is accomplished under conditions consistent with the requirements for that age division. If more than one performance in a round of a tournament equals or exceeds the official record performed before that round of the tournament, all such performances shall be submitted for consideration, although only the highest of those which satisfies the review requirements shall be recognized. Open Division jump records shall be listed in meters and must exceed the existing record by at least 10 centimeters. Eligible performances which equal an existing record (other than by a current holder of that record) may be recognized, whereupon that skier would become co-holder of the record. For a National Record, the performance must have occurred at a speed no greater than the division's maximum speed. (also 10.06D)

Whenever a new age division is created, or a change is made in the age ranges for an existing division, or a change is made in the performance conditions for an event for an age division, a benchmark score shall be established for that event, unless that benchmark would be lower than the existing record. This benchmark shall be established jointly by the Skier's Qualification and the Technical Committees.
~~the highest score achieved at the previous National Championships in that event by a skier eligible for the affected division.~~

When a benchmark score is used to establish a basis for setting records, it shall not be considered as the event record. Only scores that equal or exceed the benchmark shall be considered for a record.

~~Where a benchmark cannot be established by the highest score at the previous National Championships, or in other circumstances where such a benchmark would clearly be inequitable, the benchmark shall then be established jointly by the Skier's Qualification and the Technical Committees.~~

UPDATE/INFORMATION

NATIONAL RECORDS:

1) 24 Records Submitted: 23 approved; one rejected (trick reduced below current record).
2) Received comments on the AWSA RECORD Applications Form and I need to make changes.
3) Requested that IWWF develop a standard Record Applications that can be used for all federations and World Records.

BPMS/Sure-Path

1) -Southern Region made it mandatory to use BPMS (Sure-Path) for 2021 Class L/R slalom tourn as a guide with EC Video. Several other regional tournaments also used Sure-Path (SP). With WSTIMs and Sure-Path connected to WaterskiConnect, Boat Path Deviation Reports are auto generated from WSTIMS and submitted to all Regional TC Members and the Regional Drivers Committee Member. With these reports, EC Video not required to be uploaded.
   Overall, everyone has accepted Sure-Path and wants to use it.
   - Emmanuel Lion's Scoring Program also provides boat path reports as of July, but must be obtained from the scoring program (not auto transmitted).
2) Continuing working with IWWF on rules for BPMS (GPS). Expect changes in the 2022 IWWF Rule on Section 8.15 (BPMS Re-Re-rides) and Section 25.09 (BPMS Setup).

3) **COURSE-** One of the problems is the boat guides are not in a straight line, (Pre-gates off)
   Request- Change slalom boat guide tolerance from "RECOMMENDED" to SHALL.
   Request- Added the slalom Pre-Gates to be within 4cm of CL tolerance.
   Request -Change the maximum boat guide height (above water) from 30 to 16cm (tall buoys will not float straight with a cross wind)
   JUMP:
   Request – Add a RECOMMENDED tighter tolerance on boat guides to get the jump course straight.

4) **Sure-Path/APK Judges Screen NEW**
   - Sure-Path now has an APK that can be installed on an **Android phone/tablet** that will allow remote monitoring of boat path during tourn. The will also show the breadcrumbs and save the last 20 passes. (Event name and pin# required for tourn)
   - Survey- Original program scan time was set at 0 seconds when ENTER is pressed. It captured just the one point. James has added a scan time that can be changed to collect multiple data points and calculate the average for a survey point. Testing indicates that setting at 3 to 5 seconds scan time worked the best.

IWWF Rules: Additional rules requests submitted:

1) IWWF 8.13 (Slalom Boat Video) Class L; with only one center tower, allow CJ or designee to review boat video using camera from boat (NOT LIVE Feed) if there's a discrepancy in the score. Current rule requires LIVE Boat Video if configuration has only one tower.
2) IWWF 8.07: Turn Buoys - ORANGE recommended (should not use red).
3) IWWF 9.05 (Trick Fall): Allow age group +70 or older one fall OOC without penalty.
4) ~~IWWF 9.19 (Trick Flips): Delete the limit of 6 flips~~. (Will not be submitted)
5) World Records- Delete the requirement for submitting Slalom GATES.
6) ~~IWWF- TRICK: IWWF may change the rule to allow trick video judge REPLAY SPEED to be at 75%.~~ This was a Splasheye Request (live judge/scoring tricks) but it appears that it will not be approved for 2022

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