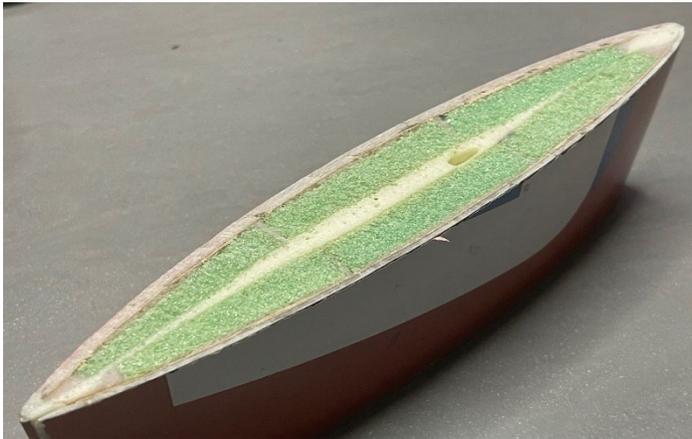


DN TECHNICAL COMMITTEE SUMMARY REPORT
ICEWISE PLANK TIMELINE AND FINDINGS
NOVEMBER 13, 2022

MARCH 2022: Initial broken Icewise plank found with illegal foam core.



This is actual crosse section of the failed plank from the Western Championship March 2022

MARCH 2022: Quote from DN Icewise Facebook comment written by Peter Hamrak: *“Progress is always breaking the rules. The question is if it was for the good of the sport? I think it was. The rules are not good and better solutions available. This foam core was not on purpose, it was a mistake. But clearly shows a better way. There were illegal planks made decades ago, and also other equipment. I am not whining just saying facts. If one wants all equipment could be illegal, as rules are bad. That should be changed. Instead of hanging me, you should think of that.”*

Peter H claimed at this time that there were only a couple of these planks produced by a subcontractor without his knowledge.

APRIL 2022: Tomek Zakrzewski on behalf of the TC posted a question on the IDNIYRA North America Facebook site asking for feedback regarding invasive testing of planks after the discovery of the illegal foam core plank. There were a lot of positive and negative comments posted in response.

MAY 2022: Technical committee held an online meeting and discussed the subject of invasive testing. After lengthy discussion the committee decided not to pursue invasive testing since the builder claimed that there were only a couple planks ever produced with illegal materials.

JULY 2022: Polish measurer submitted a written report of another plank illegally constructed and sold under the Icewise brand. Here is the exact wording of the report:

On July 14, 2022, I was asked to see the plank, which was being repaired. Produced by P. Hamrak M-53. The side edge(were chocks are) of the plank was open. During the examination, I found the following facts:

- the plank consists of two upper and lower shells, constructed as follows

a) the outer layer is glass laminate

b) the second layer is wood (veneer) about 2mm thick

c) third layer - glass laminate

d) between the upper and lower skins, a honeycomb reinforcement dispersed glass fibers. This reinforcement starts about 15 cm from the side edge(passing chocks) where it extends without being fixed (supposedly 60 cm).

CONCLUSIONS: the plank was made in violation of the DN class rules, described in point no. 11/30/98 Interpretations of the Official Specifications by the Technical Committee

The above describes the second case confirming that the planks sold by Hamrak are made not in accordance with the DN class rules. . The case is even more dangerous because, according to my research, they have the highest elasticity/flexibility parameters, and thus provide a technical advantage for competitors. The above is not in line with the principle of fair competition. In view of the above, I propose:

1. Issue of an official communication from the Technical Commission that "HAMRAK's planks are made in violation of the DN class regulations and cannot be used in the regatta organized by IDNIRA starting from the season 2022/23.

2. I request, that the Technical Committee applies to the authorities of IDNIRA North American and IDNIRA Europ with a request for a temporary suspension of Peter Hamrak's participation rights

in regattas organized by IDNIRA.

3.The Plank mentioned above, was used in the WC and EC 2022. After my sugestion, sailor who was using it, was convinced not to use it again in the further competitions.

Kind regards

Zdzislaw Prot

AUGUST 2022: Technical Committee held online meeting to discuss report submitted by Polish measurer as yet another case of illegal plank produced by Peter Hamrak was revealed. The original statement from Peter Hamrak claiming that there were only a couple illegal planks produced and sold was proven false. **This second plank was of totally different materials and design, but still illegal.** And since Peter Hamrak/ Icewise is considered commercial builder TC agreed unanimously to take serious measures to eliminate risk for sailors using illegal planks.

OCTOBER 2022: Technical Committee published a ruling to outlaw all Icewise planks. The Committee also defined an invasive testing procedure to provide sailors a way to potentially have their Icewise plank deemed legal. Invasive testing should have marginal to none impact on plank's performance.

OCTOBER 2022: Shortly after the ruling the first drill sample was submitted to the TC for examination. This plank is owned by US sailor. The following pictures are from that test sample:

Pic 1 shows where the test hole is located.

Pic 2 shows the layers. The plank is hollow where the test hole was cut. The section on the left is still glued together and consists of roughly 2mm of glass, 3.5mm of wood, and a lightweight layer of what looks like resin rich woven fiberglass. The section on the right was delaminated but similar construction.

Pic 3 shows the left side laminate from pic 6 closer up. The red is paint from the hole saw.

Pic 4 shows the resin rich woven layer on the inside of the left side section from pic 2.

Pic 5 shows the woven layer on the inside of the right side section from pic 2.

CONCLUSION:

Picture demonstrates woven fiberglass laminated to the inside of the wood on both halves. This design fails to comply to the rule: B. Runner plank interp. 11/30/98: ... *Internal fiberglass reinforcement is not allowed.*



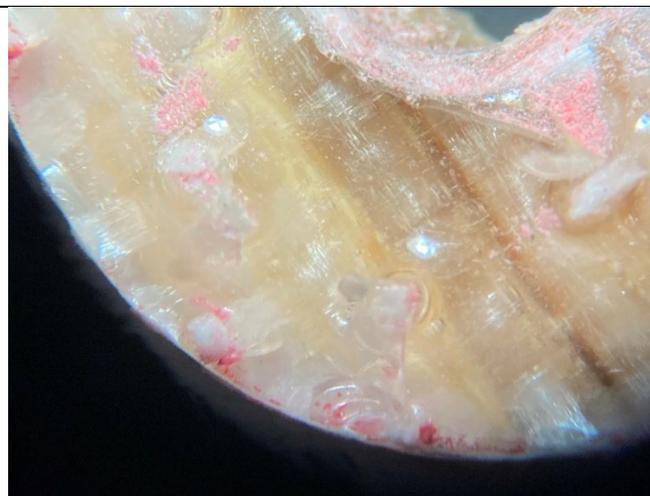
Picture 1



Picture 2



Picture 3



Picture 4



Picture 5