

A Pennsic Subtlety:

TOWARDS INTEGRATED TEXTUAL LASER EXPLORATION

Abstract: This paper discusses the Multi-intensity Beam Underwater Laser (Mi-BUL) imaging discovery of a scrimshaw library around Doggerland preserving a portion of an ancient tale, a redaction of which given herein is called: The Dread Pirate Snorgloid. The Introduction, Methodology, Analysis, Conclusions, References, Fragment, and other Appendices are found below.

TOWARDS INTEGRATED TEXTUAL LASER EXPLORATION

Rapid developments of underwater robotic retrieval vehicles in recent years provide a platform for visual sensing and underwater imaging. While this is still regarded as a challenging endeavor in saline water conditions, turbidity increases the complexity of such undertakings. Currently, multi-intensity beam underwater laser imaging (Mi-BUL) permits the receiver to dramatically reduce water-scattering related noise of the image-containing return pulse (Roy G. Biv, 2001). The improved contrast and intensity of laser-detected images is demonstrated by the recent exploration of Doggerland in the North Sea and the successful image capture of multiple fragments of horn, tusk, and elongated mounds.

Preliminary submersible dives were performed by a fleet of three color-coded submersibles. Results indicated the presence of a variety of marine life in the vicinity of the target site. Unfortunately, the red and orange submersibles were lost during the scouting missions. The final images from each vehicle revealed blurry undulations reminiscent of octopus tentacles, but orders of magnitude larger than would otherwise be expected. These events provided the impetus for naming the survey area the Octopus' Garden. Tragically the Reader-1 unit suffered a cataclysmic system failure soon after the upload of the red and orange units' images. The R-2 unit performed the remaining image processing. Final image collection was performed by the yellow submersible, called Shark which did not suffer the byte corruption of the other submersibles. Follow up studies are planned for a Mi-BUL survey by the Good Ship Lolligag.

Image analysis of the multitude of horn and tusk fragments revealed delicate traces of patterned markings. Preliminary speculation as to the source of the markings has not yet been determined, although a strong resemblance to boats with oars can be found on Tusk A-rora. Tusk E-G appears similar to Younger Furchart script for the name Snorgloid. Tusk A-loosa appears to show a pirate raid on a damaged ship with a distinct horsehead for a masthead. Tusk A-ny also depicts two ships, although in this case the ships are headed off in separate directions. Tusk L-S has distinct figures, one of whom is arching through the air as though tossed from a ship. Tusk L-ike is divided into three areas, on each end are portions of ships similar to those found on other fragments, but in this case a manned coracle with a mound of items, assumed to be fish or seat cushions, is positioned between the two larger ships. Horns B-eam, B-ill, B-ook, E, Et, F-els, P-ipe, T-ail, W-orms, and W-ort each contain fragments of drawings and script. The most exemplary scrimshaw work was found on Horn S-woggle, the largest of the fragments. Preliminary analysis identified it as an auroch horn. Since material samples were unable to be collected at this time, further analysis will be needed to conclusively identify the species of craftsmanship, and further muck-raking to disturb the sediments for additional droppings. This unique horn provided an exciting narrative incorporating elements from many of the other fragments. Translation assistance was obtained from the literature department (Melniboné, undated).

The resulting translation has been conjectured to be a lost fragment of the Boreal Master, or perhaps a Proto-koan form of the source material (Master, 2002; Snorri, undated). It is curious to note that the

Doggerlundische Dive location falls between Orkney and the traditional 349 miles (nautical) given in the *Lay of the Trousers* by the Boreal Master. It is noteworthy that no mention of distance or stroke counting has yet appeared in these new fragments so it may be assumed that this is a heretofore unknown early episode (Stinker, 2020). Thanks are due to the accidental librarian of this unseen, universally acclaimed preservative mud, for leaving such a large arrow shaped mound near the giant eye. Whereas a large X suffices on land, this eye and arrow was easily spotted and interpreted by the preliminary survey crew to go look there.

Speculation abounds as to whether the study site was the location of the Boreal Master's favorite remote no-place tavern, or whether this was the site of a shipwreck of merchandise destined for a frequent convention of the Boreal Observers Welcome Enrichment Lesson Movement. The subsequent translation of the fragments may be found in Appendix A. In Appendix AB normal distribution graphs and tables show the groupings for areal scattering of legible objects. Figures will be provided in a future addendum once the R-@# unit cooperates by providing non-holographic 2-D renderings. Determination of the folio designation for these fragments in context of the oeuvre of the Boreal Master is yet to be determined.

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Appendix A: The Dread Pirate Snorgloid

Hurrah, horo
There's a splinter in my rowing bench.
Hurrah, horo
There's a splinter in my rowing bench.
The white horse neighs, he's rolled his hay,
So Gradlon rows home from Doggerlundt.
How far Ys? The white horse races,
the sea horse soared. The mast is broken.
Snug Ys a far off dream.
Hurrah, horo, horooo!

Hurrah, horo
There's a splinter in my rowing bench.
Hurrah, horo
There's a splinter in my rowing bench.
Gradlon's young wife keeps well his daughter
Dahut, white girl, born at sea.
Snorri spots the wounded sea horse
Snorri smiles and plots and plans
Snorri's crew needs socks for splinters
Hurrah, horo, horooo!

Hurrah, horo
There's a splinter in my rowing bench.
Hurrah, horo
There's a splinter in my rowing bench.
Muli asked to ride Morvarc'h!¹
So Snorri swept skiff and Muli overboard.
Snorri called out 'Return with socks!
And cushions for the rowing bench!'
For more socks we would row to Brittany! And sack a few other places along the way.

¹ Morvarc'h: A rare Celtic form of the original Norse colloquialism “*speedbåd*” has also been translated as “Turbot Tail”. Additional unmarked footnotes may be accessed by web searching unfamiliar names.

Hurrah, horo, horooo!

Hurrah, horo

There's a splinter in my rowing bench.

Hurrah, horo

There's a splinter in my rowing bench.

Wave wins against the wind

Muli masters stealth astriding

Sea Horse sleeping none a peeping

Muli makes away with socks

And soggy bottom cushions seeping

Swiftly swims with prizes dripping

Hurrah, horo, horooo!

Hurrah, horo

There's a splinter in my rowing bench.

Hurrah, horo

There's a splinter in my rowing bench.

Snorri spies his wayward companion

Swiftly scoops him off the skiff

Sighing, nose clenched, stench arising

"The socks are grand, but toss the naps!"

May splinters cluster on Muli's seat!"

Hurrah, horo, horooo!

Hurrah, horo

There's a splinter in my rowing bench.

Hurrah, horo

There's a splinter in my rowing bench.

Now Muli mopes and again asks to swap seats

I told him off and sent him to Lars

but Muli over it was not

Muli swung first I swear

But now Muli's old seat I've got

Hurrah, horo, horooo!

Appendix AB: Oar Strokes

<i>Catalogue Number</i>	<i>Horn Symbol Grouping</i>	<i>Tusk Symbol Grouping</i>
<i>A to Z</i>	\	/
<i>A-x to Z-x</i>	‘/	\`
<i>A-xx to Z-xx</i>	\`	‘/
<i>A-xxx to Z-xxx</i>	‘/’	\`
<i>A-xxxx to Z-xxxx</i>	\,	,/
<i>A-xxxxx to Z-xxxxx</i>	‘/,	,\`

Figure 1. Stroke symbology found on the Doggerlundishe dive detritus.

Appendix ABC: A Comparison to the Hirgwaz Scrimshaw of Brest

In the assemblage of markings from the Brest collection of the *Hirgwaz Scrimshaw codices*, walrus tusk fragments found lying around in the bay sediments estimated to be in the vicinity of the submerged walls of Ys in the Bay of Douarnenez, include several fragments of frilly dresses that could by some application of natural coloring be construed as pink. Tusk AD9 shows a wine and dine event construed to be celebrating the completion of a large construction project. Associated scrimshaw references construction notes, including a project wrap-up to do list with a bit about sending socks and frilly dresses to the Phoenicians and Egyptians in a good-will reciprocal gesture as thanks for the comfy cotton pajamas during the Semi-millennial Menhir Aficionado and Specialist Homecoming conference. (Longstream 2020; Dibbler, undated)

Appendix AB-CD: Welsh Cryptozologic Clues

Myvyridian, *The Archaizology of Woolly Aurochs* supports the concept of the dangers of having splinters in the vicinity of frilly dresses from the *Hirgwaz Scrimshaw codices* t. 569 to 720 (*Editor’s note: In the Welsh horn collection the last number on several tusks have been shaved off.*) These self-reported numbers may refer to the Welsh shad or may alternately be interpreted as the number of salmon cakes to serve during the annual Lobster-Quadrille ceremony with corresponding tide tables. The numbers are far too low to possibly represent the shoes created each year for the lobsters. (Longstream, 2020)

Appendix Goldfish LMNO@

The field book for this project was found to contain an orange dust that smelled vaguely cheese-like and left an oily residue on the pages, obliterating no small portion notes and scribbles.

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