

EDINA MODEL YACHT CLUB

SAIL & SCALE

NEWSLETTER

NOVEMBER/DECEMBER 2015

VOLUME 24, NUMBER 11

Building the Draken Harald Hårfagre

The Draken Harald Hårfagre (that's "Dragon Harald Fairhair" in English) is a modern interpretation of an old Viking longship that was built in Haugesund, Norway, and launched in 2012. The name honors an old Viking king, the first to unite Norway.

At 115 feet this is the largest Viking ship ever built in modern times. Beam is 27 feet. She displaces 80 tons and carries 3,200 sq.ft. of sail. Longships like this were vessels of war, used on those famous Viking raids. This newsletter contains some construction photos of this ship being built.



SCHEDULE OF EVENTS:

| | | |
|----------------------|-------------------------------|-------------------------|
| January 19, Tuesday |7:00 p.m- 9:00 p.m. |Membership Meeting |
| February 16, Tuesday |7:00 p.m- 9:00 p.m. |Membership Meeting |
| March 15, Tuesday |6:00 p.m- 9:30 p.m. |Membership Meeting |

COMMODORE'S CORNER



By John Bertelsen

Last Commodore's Corner of the year. Kind of ready to put the boats down for a while over the

holidays and kind of not wanting the season to end. At the Dry Dock party I contended that there is something that seems to make each year different, which seems to stand out from other years. Last year was the rain, this year there were three activities: cleaning the ponds, dealing with the vegetation, and the amazing ODOM sailing right up to November 15th. Even though I was only able to make one day of sailing, the November sailing is going to be my lasting memory. You probably have a different memory. To all, I thank you for a really great year representing the club as your Commodore, a real privilege, and I wish everyone a very happy holiday season!! See you in January! - John Bertelsen



The Draken Harald Hårfagre

RICHFIELD
612-866-9575

LITTLE CANADA
651-490-1675



OPEN...MON-FRI, 10:00-9:00...SAT, 9:30-5:30...SUN, 12:00-5:00

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Thank You to David S. Holman's law office for free newsletter printing.. David specializes in Estate planning, Business, Real Estate & Creditor Representation, located in Burnsville, Minn.

Building the Draken Harald Hårfagre



Lubrication of the joints of the two sections of the stern with tar. Hemp is placed as a sealant in a tar joint. This is done in all joints as well as between the overlapping boards in the strakes.



The clinking is done with 100 hammer strokes needed on each nail. This process is why they are called clinker built ships.



Sections are forced together with large clamps and attached with large iron rivets shown below.



When the 9th strake is in place, the ships bottom is finished. The ribs are attached with wooden nails as they are placed in the ship shown below.



Building the Draken Harald Hårfagre



Wood clamps are used to hold the boards together while drilling the pilot holes for the iron nails.



Wedges are driven into the wooden nails



Standing knees must be shaped to the hull, stringer and the cross braces. The stringer is attached to the planking with wood nails



The midship stringers are countersunk over the braces. They give the boat longitudinal strength. The midship stringers are fitted with rabbet joints over the cross braces to lock everything together



Building the Draken Harald Hårfagre



The standing knee is mounted. The toe is clenched to the cross braces with iron nails. Wooden nails are used to fasten the knee to the planking. There are about 10,000 clinker nails in the Draken.



It is a boatbuilders tradition to place a coin under the main mast before the installation of the mast.



6 standing knees are used in the foreship and reach over the gunwale and become bollards for mooring. 10 boatbuilders worked over 20 months to get to this stage shown below



Sailing the Draken Harald Hårfagre



Sailing the Draken Harald Hårfagre

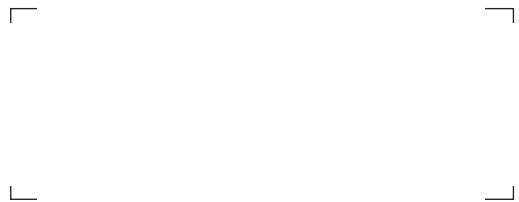


Editors Note: This issue was seriously delayed since I have no free time to spend on assembling content to fill the pages. During the Winter months PLEASE send articles to fill several pages of the newsletter!



EDINA MODEL YACHT CLUB

Centennial Lakes
Hughes Pavilion
7499 France Avenue South
Edina, Minnesota 55435
www.emyc.org



JANUARY MEETING

TUESDAY, JANUARY 19, 2016 7:00 P.M.
CENTENNIAL LAKES GARAGE BAND ROOM

AGENDA:

- To Be Determined

Special Interest Contacts:

Scale Boating:

Kevin Waldo [REDACTED]

Sail Boating:

Tony Johnson [REDACTED]

Fast Electric:

David Petrich [REDACTED]

ODOM Forum Group: Gary Tschautsher

Facebook Group Name: Edina Model Yacht Club

2015 Board Members

Commodore: John Bertelsen [REDACTED]
Vice Commodore: Paul Olsen [REDACTED]
Vice Commodore: Joe Steele [REDACTED]
Vice Commodore: Bill Lundholm [REDACTED]
Treasurer: Larry Wheeler [REDACTED]

The Edina Model Yacht Club Sail & Scale Newsletter is published monthly except for December.

Newsletter Editor: Todd Moen [REDACTED]

Webmaster: Dale Johnson [REDACTED]

Please send articles by email to:
[REDACTED]
Deadline for articles to be considered for the January publication will be December 31, 2015

