

## **Fleet Captain Report May 15, 2022**

The major project under the fleet captain budget this year is the dinghy dock. There is a briefing note for this project for more information.

The service dock was in need of maintenance last year. This is a on going project. Changing or adding more chain, Replacing of the U channels, Replacing rotten wooden frame ends, Ect

The outhaul rail needs attention. With the lower water levels, it was discovered that eight ties needed to be replaced before launching boats. This was done.

Most of the ballast in between the ties and beside the ties has been removed due to wave action. To a depth of 3' – 4' of water. The sleeper that is under the ties can be seen in sections. Would recommend to survey the rails for distance apart, height difference from one rail side to the other rail, measure the grade of the "hill" and inspect all bolts. After this information has been gathered, a plan of action can be developed.

To prepare for lower water levels, investigation on what is/was jamming the cradles going beyond the end of the service dock and to remove the dead head that is under the sleeper further out.

The following lists were updated

Updated the mooring chart and posted in the club house.

Updated the mooring inspection list and posted in the club house.

Sent the changes, concerning the mooring field, to the membership officer.

Gilles Brunet  
Fleet Captain

## Briefing note Dinghy Dock

May 10, 2022

Issue for the tubes

1. To weld or to use “fusion” to install the end caps on the 4 sklar pipe tubes of the dinghy dock. This is the dock that is east of the beach. It was put there a few years back.
2. History and Discussion
  - a. The sklar pipe tubes under the barge were “welded” on under 10 years ago. They now leak.
  - b. The sklar pipe tubes under the service dock were “fused” on over 40 years ago. No leaks
  - c. Fusing the end caps on lasts many decades.
  - d. Welding the end caps on does not.
  - e. Welding can be done in house for a few hundred dollars but not sure how long it will last.
  - f. Fusing can only be done by sending the tubes into a shop.
  - g. Two shops that can do the fusion method were contacted.
  - h. However, they cannot quote on the work until after seeing the tubes. They will decide if the work can be done.
  - i. A few issues with our tubes:
    1. They are no longer round.
    2. The tubes need to be round so the end caps can be fused on.
    3. The shop in Huntsville (Nydock/Pipefusion) “think” the tubes can be made round, so the work can be done. But will not know until they see the tubes.
    4. They quoted \$395.00 per cap. Eight caps would be \$3160.00, plus shipping.
    5. No firm quote on shipping, but the price of \$800.00 for each way was discussed.
    6. For a total of \$4760 if the work can be done.
    7. Another issue is the age of the pipe. Spoke with Tom Tammi, he joined in 1981. To his recollection, those docks were there then (40 years ago). Not knowing if they came new to the club or used from a mine site, it is difficult to determine how much life is left in those tubes as dock floats. According to Nydock, life expectancy is 80 – 100 years as floats.

- j. The shop in Sudbury really did not want to give us a quote, without seeing the pipes first. Eventually a text was received. The price was \$650 per tube. Then it changed to \$650 per end. No formal quote, just texts. After speaking to the rep in January, his boss does not want to give a quote, until he sees the tubes. Same issues apply, they do not know if the work can be done and the age of the pipe.
- k. Both shops will not warranty the work, if it can be done. If the work is done, they will pressure test the tubes, to ensure they are leak proof.
- l. Another option would be to purchase new tubes and have end caps put on them. To replace what we have including the end caps welded on is \$1899 per tube, 4 tubes come to \$7596, plus shipping of \$800. Total of \$8396. This is from Nygard in Huntsville. Lifetime warranty.

At the March 15<sup>th</sup> MC meeting a motion was passed,

“Motion that the MC recommend to the SPM that new tubes be purchased and a Committee be struck to work out the specifications and implementation”

Once a decision is done with the tubes and that work is done, then we can order the lumber.