



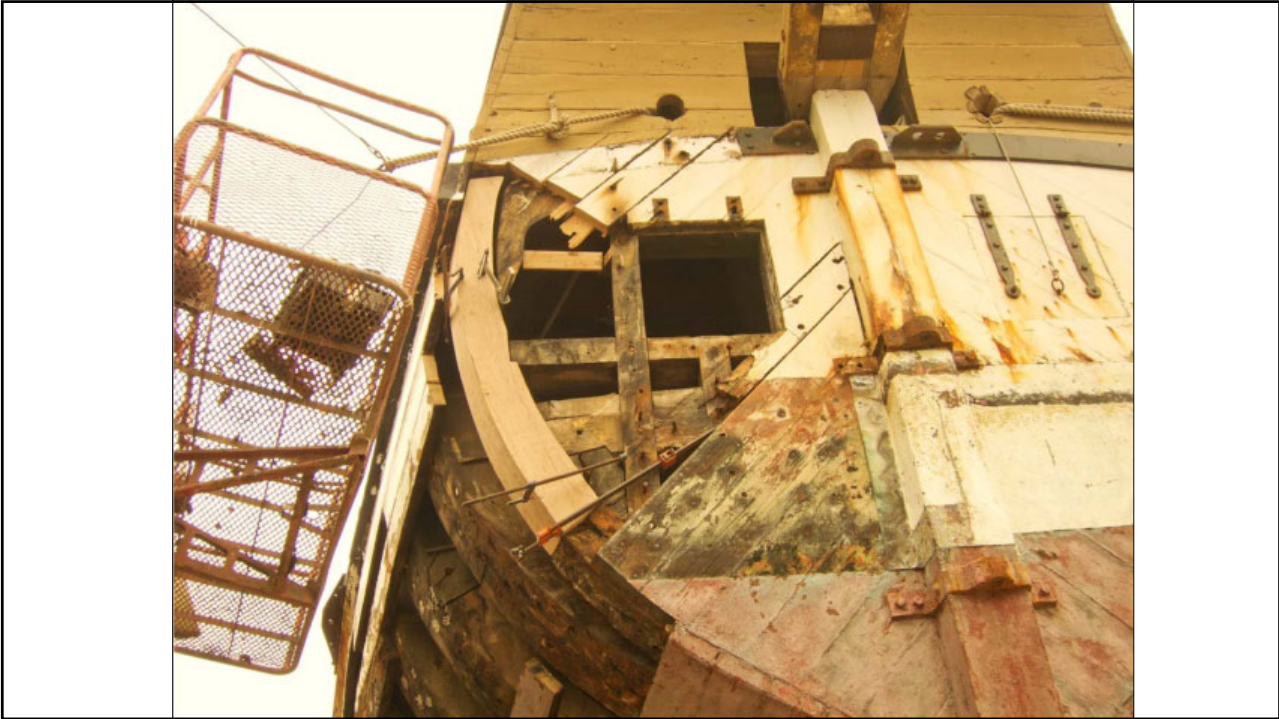
## March 2013: In Drydock

Fairhaven Shipyard,  
Fairhaven,  
Massachusetts



**Port Side, March 2013**





**Rudder**



### Wood On Hand Was Limited



## Where Would the Wood Come From? Who Cut Even Cut It??

---

- **Planks:**

- 26-32 feet long by 3-1/2" thick
- Clear one side, no more than 1" knots on inboard side

- **Futtocks**

- Naturally sweepy timbers
- Normally left out in the woods, not good for sawtimber

- **Sources:** looked high and low ...

## Framingham State University



## Newport Nautical Timbers (Mike DuPont)



## Newport Nautical Timbers



## Cross Sawmill, GA (Steve Cross)



## Port Side Repairs Underway (3/13)





### New Hull Planking





## Starboard Side, May 2013



## Mayflower II Didn't Return Until August 8, 2013!



## The Question on Everyone's Mind:

*Where's the rest of the wood coming from?*

### **Berea College, Berea, Kentucky**



- Sarah Fay of Boston (1899) provided funds for Berea to purchase 5400 acres of forestland
- Berea College wishes to give back to New England

**Holger Groessler,**  
Logger with veneer  
business experience  
and **Clint Patterson,**  
Berea College Forester



**Two trees: One section 32' long, the other 34' long**



## A Candidate for Planking, 24" Small End Diameter



## Lucas Sawmill, Run by Ernie Tebeau (OH)



## No, This Isn't "Duck Dynasty"!



## Lucas Sawmill, Run by Ernie Tebeau (OH)



## **Blast! A Knot on Log #1 Outer Face! – Only 21' Clear**



## **Maybe Log #2 Will Be Better**



## Maybe Log #2 Will Be Better



## Ah Well ... Next Steps

- Plimoth Plantation & Fairhaven Shipyard discussions tomorrow
- Daniel Boone National Forest? Other sources?
- Other ships will need wood besides *Mayflower II*
  - *Constitution* ("Old Ironsides")
  - Mystic Seaport (*Charles W. Morgan*, others)
  - *San Salvador* (Juan Cabrillo's flagship, San Diego)

## What Can You Do?

- **Need to consider forest potential for non-sawtimber, non-veneer, non-stave products – like ship timbers**
  - Sweepy logs – **Futtocks**
  - Large branch sections, crotches, roots – **Knees**
  - Long clear log sections – **Planking**
- **Educate other foresters – and loggers/buckers!**

## What Can You Do?

- **Set longer term management objectives for white oaks**
  - Daniel Boone NF has management objective of 200 year old white oaks, but could use 300 year old white oaks for ship timbers.
  - Establish groves for this purpose, with signage -- Help the public sign on to history, publicize long-term thinking.



On behalf of Mayflower II,  
*Thank you!*

**Mayflower II**  
Yesterday, 3/25/14

