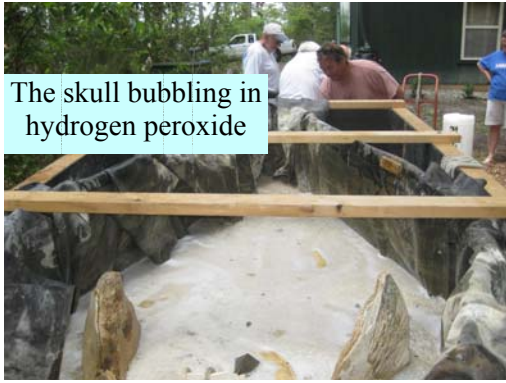


Bonehenge Update by Keith – 10Sept2010

1) **Skull gets hydrogen peroxide soak:** After the skull soaked for 6 months in our custom-made “skull jacuzzi” with water up to 105°F mixed with ammonia and Dawn dish soap swirled around with an electric outboard motor, the jacuzzi was further modified (to reduce its volume) to treat the skull in a 4-day hydrogen peroxide (3% diluted from 35%) soak to further kill bacteria and dissolve protein. This process also lightened the bones a bit, but after removing the skull some of the components disarticulated. Initially disconcerting, this was actually a good thing as it allows us to use scrubbers to further removed grease caught between the components of the skull.



The skull bubbling in hydrogen peroxide



The disarticulated bones of the skull



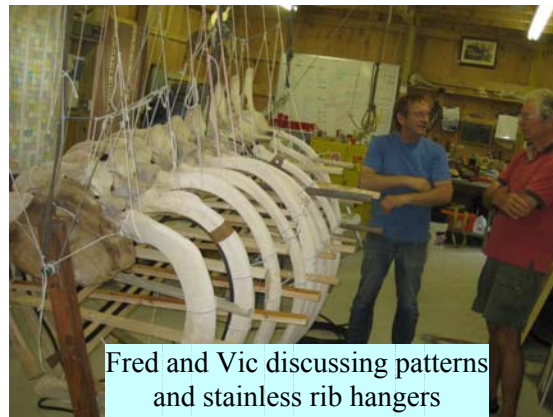
Fingers and hand burned by 35% hydrogen peroxide

From whale skull to pirate booty, the jacuzzi went to Greenville to treat artifacts from the Queen Anne’s Revenge.

2) **Laying out the thoracic section** – We built a jig to temporarily support the ribs so boat builder Vic Fasolino could make wood patterns on which welder Fred Lindow will base the fabrication of the stainless steel rib hangers.



Jim, Dick, and I building temporary jig to support ribs



Fred and Vic discussing patterns and stainless rib hangers

3) **Creating a replicate flipper** – Paul Nader x-rayed and traced the left flipper, Nan Bowles and John Russell molded and cast replicate flipper bones (see April 2010 update), Michelle McConnell resized and printed/mounted the flipper radiograph, Karen Hattman and Dana Henderson touched up and perfected the bone casts, Nan painted them, then John and I mounted them on a flipper-shaped plywood board that Derek Brin cut, sanded, and painted.



Michelle mounting flipper radiograph



John laying out flipper bone replicates

