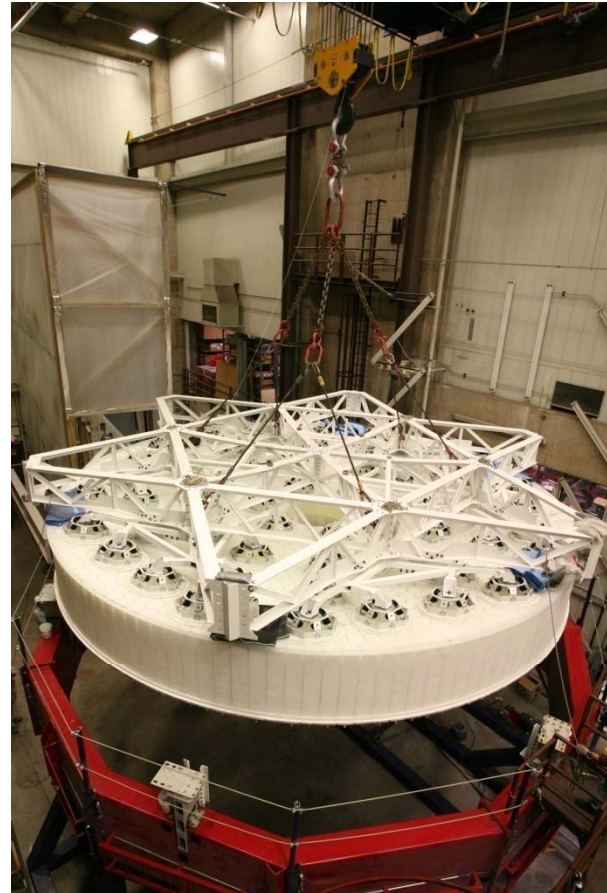
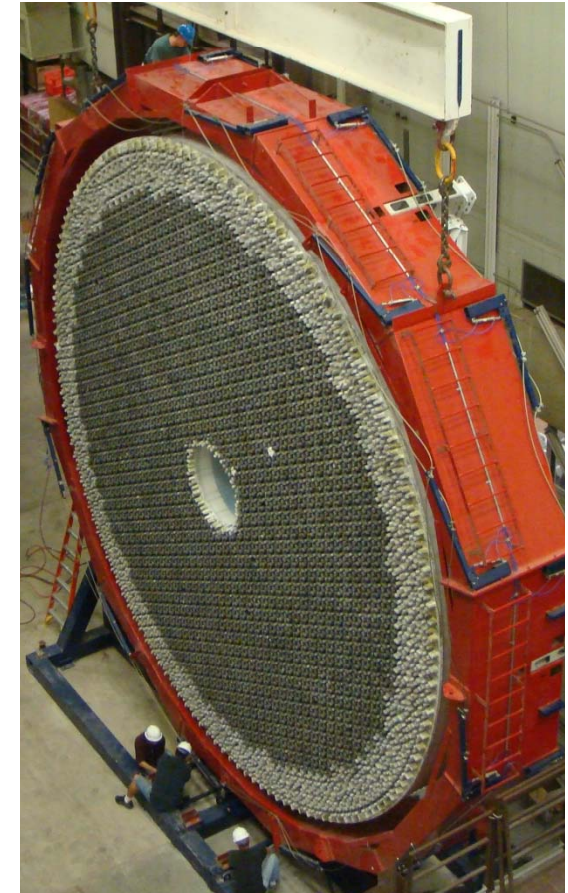


The cast mirror and lifting fixture being hoisted off furnace hearth at 46,500 kg as an engineered lift.



The cast mirror being lifted into the turning ring below that is the red structure.



The cast mirror blank in the turning ring in the vertical position.

The cast 8.4 meter LSST mirror was successfully lifted from the furnace hearth, installed into the turning ring and tilted to the vertical position ready for core cleanout. The finished light weighted mirror will be 16,600 kg with the thickest outside edge height of 0.92 meters ever made at the Mirror Lab. Once completed this will be the only large two surface optical mirror made from one substrate in the world. The mirror is scheduled to be completed in January 2012.