

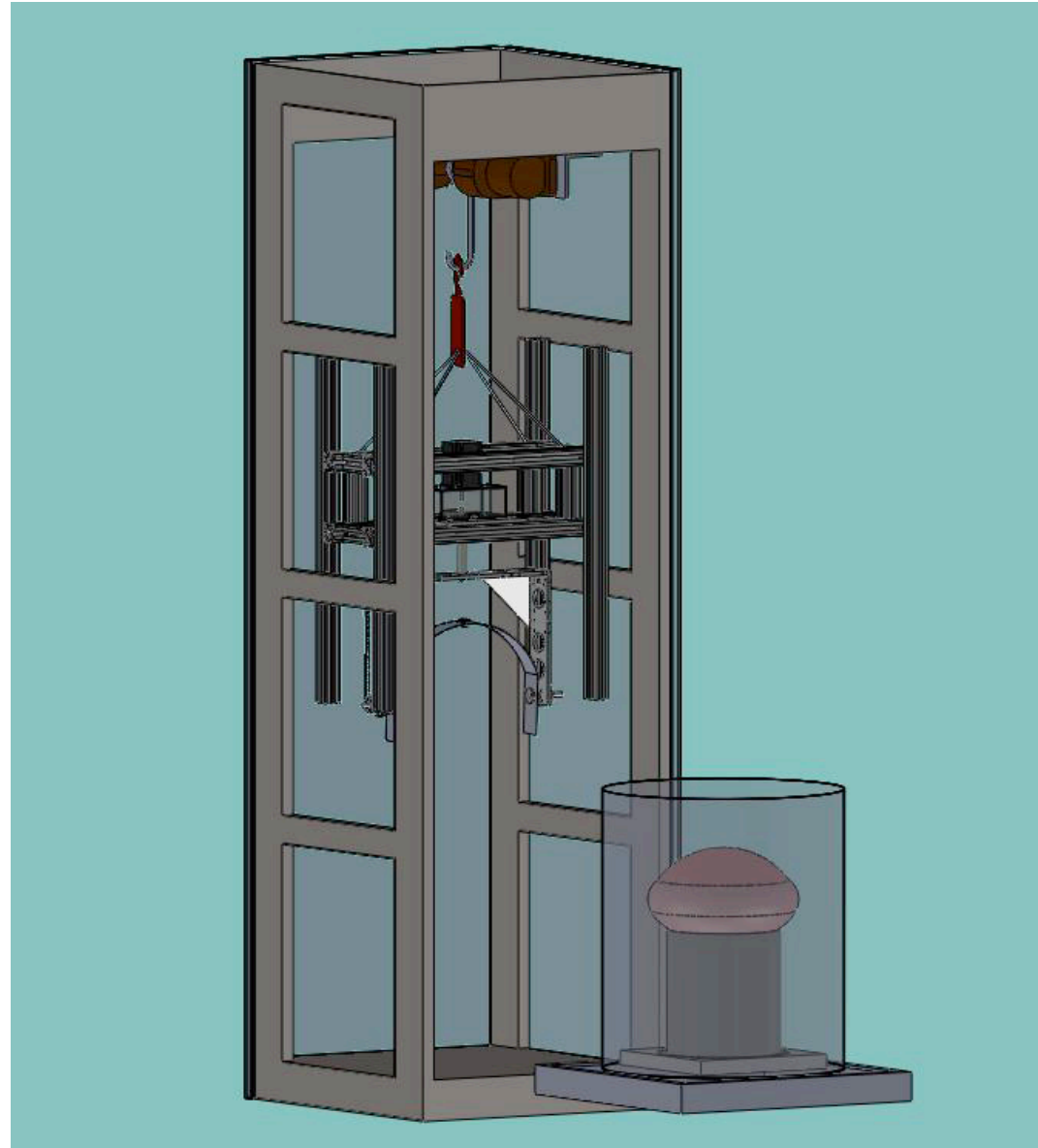
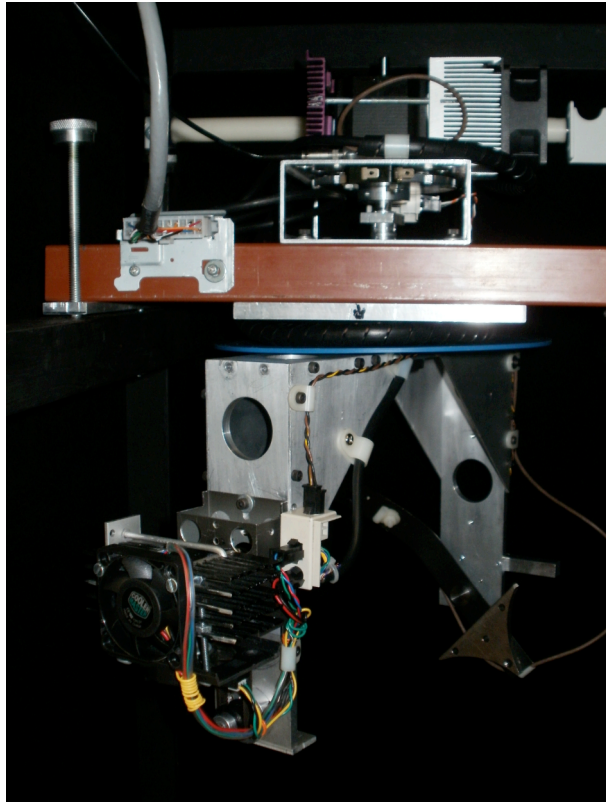
# Design proposal for an underwater automated system for sensitivity characterization of 10" PMTs

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- **Abstract**

Based on the experience of a former system, we present a proposal for characterizing 10" diameter Hamamatsu R7081 photomultipliers. In order to make the measurements under circumstances more similar to the work conditions in a Water Cherenkov Detector, substantial modifications were introduced into the system design making it capable of undertaking underwater measurements.

## Mechanical view in outside position



## Mechanical view

System with  
PMT container  
in measuring  
position



- Control diagram of the proposal system

