

Water containment and PMT deployment designs for the LBNE water detector

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The design considerations for the water containment system and the PMT deployment systems for the LBNE water Cherenkov detector will be presented. Several design alternatives for the membrane liner for the water Cherenkov detector were investigated and a summary of these investigations will be presented. Several alternate designs for the PMT mounting scheme were also investigated as part of the design process. The final design was based on cable deployment. The issues related to this will also be presented.

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