

HAWC Calibration: Setup, Schedule, ...

Optical diffusers and float assemblies

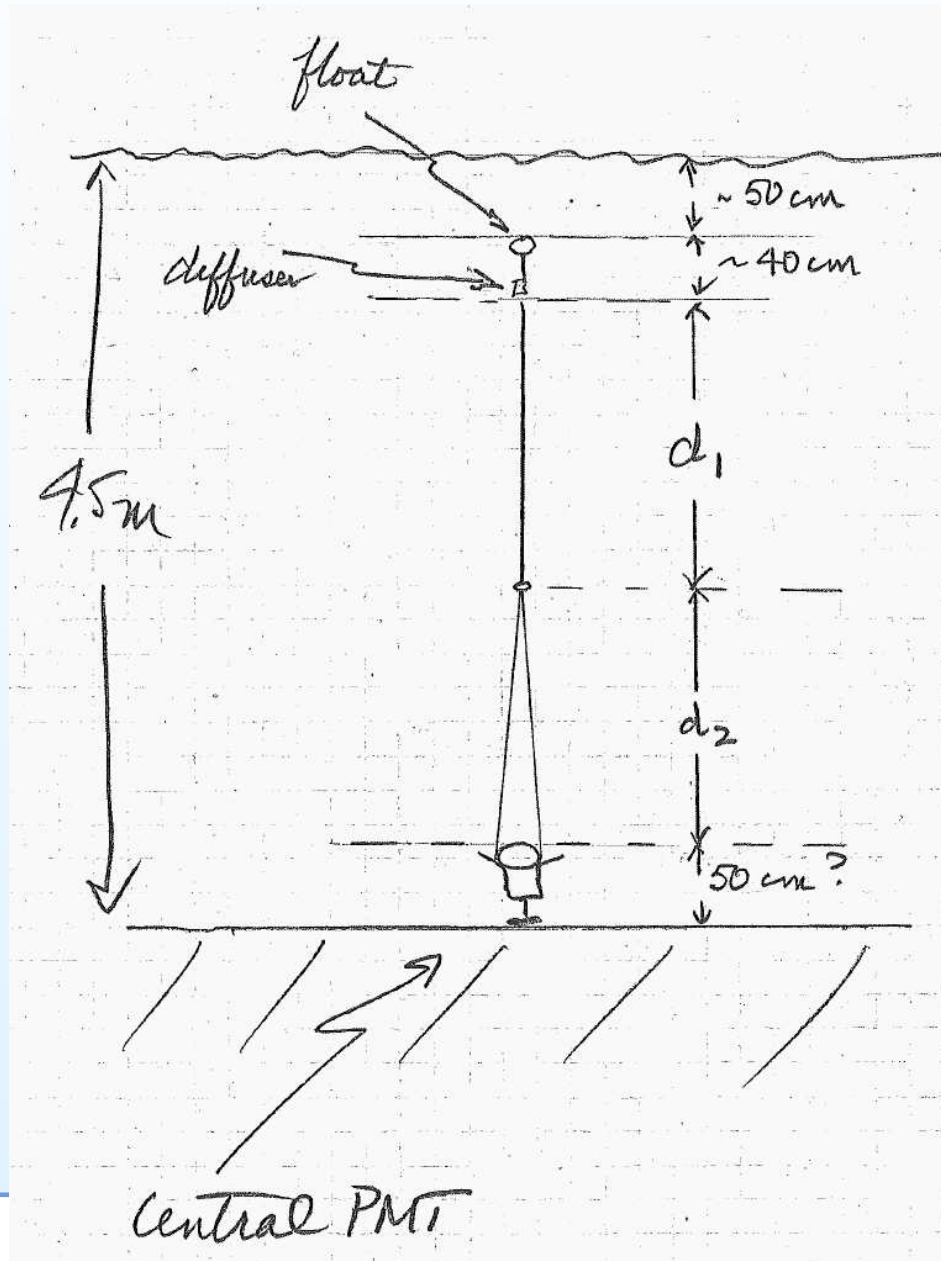
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Calibration system: *Conceptual Design*



Light pulses from the calibration laser end at a single diffuser positioned above the central PMT in each WCD:

- The diffuser is held by the diffuser float assembly
- The diffuser is positioned a distance: $d_1 + d_2$ above the top of the central PMT
- d_1 is a length of kevlar string and d_2 is a loop of kevlar string each “terminating” with SS solid rings that are connected using a SS split ring.

HAWC calibration *Float assembly details*



- Diffuser is secured by the hose clamp.