

# **HAWC Calibration: Setup, Schedule, ...**

## *Optical diffusers and float assemblies*

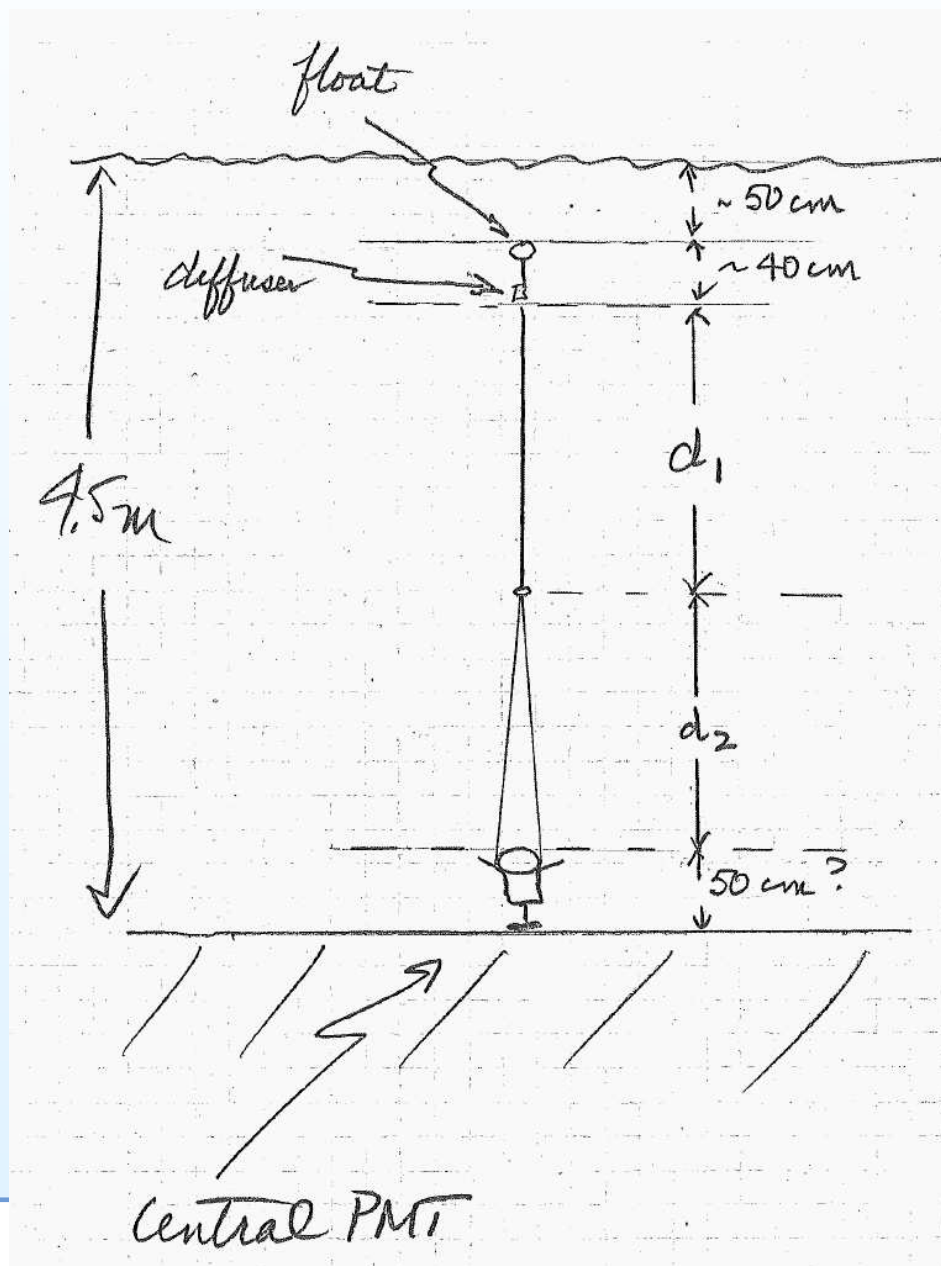
John A.J. Matthews

`johnm@phys.unm.edu`

University of New Mexico

Albuquerque, NM 87131

# 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.