Design of the Drifting Acoustic Spar Buoy Recorder (DASBR)

Emily T. Griffiths and Jay Barlow

NOAA Southwest Fisheries Science Center, National Marine Fisheries Service
8901 La Jolla Shores Dr. La Jolla, California 92037

Photo by Michelle Weirathmueller
Components of the DASBR design

- 16 D-cell batteries
- Surge to reduce (~30 ft)
- ~100 m

Cost: ~$4,000 USD
CalCurCEAS DASBR Sperm Whale Detections

N = 183
Beaked Whale Echolocation Clicks
Beaked Whale Echolocation Clicks
References


Images obtained via a Creative Commons License or are property of authors.
Funding

- NOAA’s Southwest Fisheries Science Center
- NOAA’s Acoustic Program
- NOAA’s Cooperative Research Program