

# Long Baseline Acoustic Navigation Of Deeptowed And Autonomous Underwater Vehicles

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## TECHNOLOGY DESCRIPTION

UC San Diego inventors have devised a novel method for locating one or more deeptowed or autonomous underwater vehicles during geophysical or oceanographic surveys. The invention has the following features:

- ▶ Works in real time.
- ▶ Saves the time and cost of deploying, navigating, and recovering the seafloor transponder net.
- ▶ Has the navigation array move with the underwater vehicle, rather than remaining stationary.

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## OTHER INFORMATION

### KEYWORDS

LBL, underwater positioning

### CATEGORIZED AS

- ▶ **Transportation**
  - ▶ Other
- ▶ **Engineering**
  - ▶ Other

### RELATED CASES

2005-086-0