

LTERcruise_towed_CTD_collection

Details to the deployment procedures, instrument complement, calibration and data collection will have to come from MLML and/or R/V Pt. Sur staff.

At least two different instrument packages were used during the 16 SBCLTER cruises. What is known about a borrowed Scanfish is described below.

The Cheslea Scanfish from the University of Rhode Island is used on all LTER cruises in the Santa Barbara Channel. The information below was taken from <http://techserv.gso.uri.edu/ScienceInstrumentation.asp#ScanFish>

Cheslea ScanFish

GMI [ScanFish \(Mk II\)](#) is a towed, undulating wing incorporating a pumped and ducted SBE911+ CTD. It provides continuous along track sampling as deep as 180 meters at speeds up to 10 knots. The Sea-Bird SBE11 deck unit 9600 baud communication link is enabled.

Available sensors:

- Temperature -- [SBE model 3](#)
- Conductivity -- [SBE model 4](#)
- Dissolved Oxygen -- [SBE model 43](#)
- Fluorometer -- [Wet Labs WETStar flow through](#)
- Transmissometer -- [Wet Labs C-Star 25-cm](#)

A Triaxis towed CTD was used on a few cruises as well.