

Table 1. Summary of sensors and devices installed on the Santa Monica Bay Observatory Mooring during (i) the June 2001 to June 2003 deployment and (ii) during the February 2005 to January 2006 deployment.

Device or Sensor ^a	Manufacturer ^b	Measured Properties	Sample Interval (min)	Sensor location	Dates of operation
ADCP (300 kHz)	RDI	Acoustic backscatter currents	30	ca 0.5m (0-120m, 4m bins)	06/01-04/02; 03/05 -
CTD (SEACAT)	SeaBird	Conductivity, Temperature, Pressure	10	ca 0.5 m	06/01-06/03; 02/05 -
Fluorometer	WET Labs	Chlorophyll fluorescence	10	ca 0.5 m	06/01-05/03; 02/05 -
Transmissometer	WET Labs	Optical clarity	10	ca 0.5 m	06/01-06/03; 02/05 -
CT(D) (MICROCAT)	SeaBird	Conductivity, Temperature, (Pressure)	10	10(p), 20(p), 30m 40, 50(p), 60m 70, 80, 90, 100m(p)	06/01-04/02; 02/05 -
ATLAS	PMEL	Air temperature & pressure, windspeed & direction	10	Air	06/01-06/03; 02/05 -
GPS	Magellan	Latitude, Longitude	10	Air	06/01-06/03; 02/05 -
OASIS	MBARI	Data acquisition, telemetry	n/a		06/01-06/03; 02/05 -
Packet radio	PacComm/ Motorola	Telemetry	60		06/01-06/03; 02/05 -
CO ₂ analyzer (LI 192SA)	LICOR/ MBARI	Carbon dioxide	60	ca 0.5 m	multiple deploy.; 03/05-

^aADCP: Acoustic Doppler Current Profiler; CTD: Conductivity, Temperature, Depth; GPS: Global Positioning System; OASIS: Ocean Acquisition System for Interdisciplinary Science

^bRDI: RD Instruments, San Diego, CA; PMEL: Pacific Marine Environmental Laboratory, Seattle, WA; SeaBird: Sea-Bird Electronics, Inc., Bellevue, WA; WET Labs: Philomath, OR; MBARI: Monterey Bay Aquarium Research Institute, Monterey Bay, CA.