HOT-17: Chief Scientist Report

Chief Scientist: C. WINN

HOT-17 Cruise Report
SSP Kaimalino
7-11 May 1990

Personnel List:

Chris Winn	CS
Ricardo Letelier	GOFS
Dale Hebel	GOFS
Stewart Reid	WOCE
Jef Snyder	WOCE
Marc Rosen	GOFS/WOCE
Steve Emerson	U.W.
Lara Asato	GOFS
Ken Constantine	WOCE
Eric Loucks	WOCE

Itinerary (approximate local time):
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7 May
  0800 Depart Honolulu
  1200 Arrive Kahe Pt site
  1500 Depart Kahe Pt
8 May
  0500 Arrive station ALOHA: deploy sediment traps
  0700 WOCE deep casts
  1100 Commence 36 hr CTD casts
  1300 light cast
9 May
  0300 Primary productivity cast
  0500 Deploy in situ primary production array
  0600 Continue 36 hr CTD profiling and water sampling
  0700 light cast
  1200 light cast
  1600 light cast
  1800 Retrieve in situ array
  2300 Cease 36 hr CTD sampling
10 May
  1300 Arrive Honolulu
  1500 Depart Snug Harbor
  1800 Net tows Honolulu-Babers Pt. area
11 May
  2200 Return Snug Harbor

Narrative:

HOT-17 departed Snug Harbor on the SSP Kaimalino on 7 May 1990 and returned to Snug Harbor at 1700 on 11 May 1990.

WOCE & JGOFS Sampling

All primary sampling work was completed at both Kahe Point and Station ALOHA on this cruise.

CTD and XBT Operations

There were some problems with the flash fluorometer on this cruise, due to a corroded connector. Otherwise, CTD operations were completed successfully. No XBTs were deployed on this cruise.

Primary Production and Sediment Trap Measurements

Primary production was measured in situ for 12 hours and on-deck for 24 hours; sediment trap collections were successful.

Optical Measurements

Optical casts were completed at Kahe Point.

Ancillary projects

Samples for dissolved gases were collected for Charles Keeling of Scripps and for Steve Emerson and Paul Quay of the University of Washington.