

HOT-9: Cruise Summary

Chief Scientist: R. LUKAS

HOT-9 Cruise Report

SSP Kaimalino

22-26 Aug. 1989

Personnel List:

Roger Lukas
Dale Hebel
Jef Snyder
Stewart Reid
Shannon Cripe
Chris Sabine
Marc Rosen
Ricardo Letelier

Itinerary (approximate local time):

22 Aug.
 0800 Depart Snug Harbor
 1200 Arrive Kahe Pt
 1500 Depart Kahe Pt
23 Aug.
 0500 Arrive HOT-site: deploy sediment traps
 0800 Commence CTD sampling
25 Aug.
 0300 Primary productivity cast
 Cease 36-hour sampling
26 Aug.
 0500 Recover Sediment traps
 2200 Arrive Snug Harbor

Narrative:

CTD casts were limited to 2500 dbars because of the short hydrowire. Apart from this, there were no major problems affecting the data collection, except that the ship broke down during the transit home. Only three XBT casts were made on the return transit because of poor dead reckoning navigation quality between fixes. On this cruise, a massive surface *Trichodesimum* bloom was observed near Station ALOHA.