HOT-5 Cruise Summary

Chief Scientist: C. WINN

HOT-5 Cruise Report
R/V Moana Wave
25-29 Mar. 1989

Personnel List:
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Roger Lukas \hspace{1cm} WOCE
Dale Hebel \hspace{1cm} GOFS
Georgia Tien \hspace{1cm} GOFS
Chris Winn \hspace{1cm} GOFS
Steve Chiswell \hspace{1cm} WOCE
Jef Snyder \hspace{1cm} WOCE
Eric Firing \hspace{1cm} WOCE
David Gravatt \hspace{1cm} SHIP
Ken Shultis \hspace{1cm} SHIP
Stewart Reid \hspace{1cm} WOCE
Marc Rosen \hspace{1cm} GOFS/WOCE
Ricardo Letelier \hspace{1cm} GOFS
Keith Bigelow \hspace{1cm} GOFS
Ursula Ginster \hspace{1cm} WOCE
Rex Balena \hspace{1cm} WOCE
Dongchull Jeon \hspace{1cm} WOCE

Itinerary (approximate local time):
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25 Mar.
1500 Depart Snug Harbor
1800 Arrive Kahe Pt
2400 Depart Kahe Pt

26 Mar.
0800 Arrive HOT-site: deploy sediment traps
1200 Commence CTD sampling
  Light-profile

28 Mar.
0300 Primary productivity cast
    Cease 36-hour sampling

29 Mar.
0500 Recover Sediment traps
1900 Arrive Snug Harbor

Narrative:
Shorting of the cable between the oxygen sensor and the CTD caused depth-dependent shutdown of the CTD. Diagnosing this problem took much of the cruise, and the sampling program was seriously impacted.