

HOT-5: Cruise Summary

Chief Scientist: C. WINN

HOT-5 Cruise Report

R/V Moana Wave

25-29 Mar. 1989

Personnel List:

Roger Lukas	WOCE
Dale Hebel	GOFs
Georgia Tien	GOFs
Chris Winn	GOFs
Steve Chiswell	WOCE
Jef Snyder	WOCE
Eric Firing	WOCE
David Gravatt	SHIP
Ken Shultis	SHIP
Stewart Reid	WOCE
Marc Rosen	GOFs/WOCE
Ricardo Letelier	GOFs
Keith Bigelow	GOFs
Ursula Ginster	WOCE
Rex Balena	WOCE
Dongchull Jeon	WOCE

Itinerary (approximate local time):

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.