

HOT-12: Cruise Summary

Chief Scientist: C. WINN

HOT-12 Cruise Report

R/V Moana Wave

26-29 Nov. 1989

Personnel List:

Steve Chiswell	WOCE
Chris Winn	GOFs
John Dore	GOFs
Ursula Magaard	GOFs
Stewart Reid	WOCE
Jef Snyder	WOCE
Audrey Slagle	WOCE
Ken Shultis	WOCE
Marc Rosen	WOCE/GOFs
Cynthia Pace	GOFs
Fred Dobbs	GOFs
Terri Rust	GOFs
Eric Firing	ADCP
Chuck Stump	U.W. Oxygen

Itinerary (approximate local time):

24 Nov.

- 0800 Depart Snug Harbor
- 1100 Arrive Kahe Pt
- 1400 Depart Kahe Pt
- 2200 Arrive HOT-site: deploy sediment traps

25 Nov.

- 0000 Commence ADCP sampling
- 0300 WOCE deep casts
- 1300 Light cast
- 1700 Commence CTD sampling
including:

26 Nov.

- 0300 Primary productivity cast
- 0500 Deploy in situ primary production array
- 0600 Continue CTD profiling

27 Nov.

- 0400 Cease continuous CTD sampling
- 0500 ADCP profiling
- 0800 Locate traps
- 1200 water collection/additional casts
- 1500 Recover traps

28 Nov.

0800 Arrive Snug Harbor

Narrative:

Problems with the ship's gearbox, combined with tight ship schedules, limited this cruise to 36 hours on station. The sediment traps were therefore not deployed. In addition, the number of hydrocasts was limited and the Kahe Point station was not visited.