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CRUISE REPORT

Ship Name: ROBERT D. CONRAD

Cruise No: 22 LEG 6

Departure: 13 APRIL 1979 from BALBOA, CANAL ZONE
Date Port

Arrival: 25 APRIL 1979 at HALIFAX, NOVA SCOTIA, CANADA
Date Port

Days at Sea: 12

Days Foreign Port: ARRIVED FOR YARD JOB - LONG STAY
No. of days in arrival port

Area of Operation: CARIBBEAN AND ~~AREA~~ WESTERN NORTH ATLANTIC

Program Description: TRANSIT WITH UNDERWAY GEOPHYSICS (GRAVITY,
MAGNETICS, PROFILER, 12 KHZ, 3.5 KHZ ECHO SOUNDERS)
NO STATION WORK DUE TO STEERING DIFFICULTIES.

Participants: (All L-DGO unless otherwise specified)

HOBART, MICHAEL
VAN STEVENINCK, WILLIAM
ROACH, DAVID
ABBOTT, DALLAS
SCANLON, KATHYRN
MOSSMAN, DWIGHT
CUTILLO, JOHN
SUOZZO, ROBERT
ILTZSCHE, MARTIN
SMITH, HECTOR
DI BERNARDO, JOHN

CHIEF SCIENTIST
HEAT FLOW TECH
"
SCIENTIST
"
E.T.
"
COMPUTER TECH
AIR GUN TECH
"
"

All inquiries regarding cruise should be made to the chief scientist.

CRUISE REPORT R/V ROBERT D. CONRAD, CRUISE 22, LEG 06

From: Balboa, Canal Zone	13 April 1979
Via: Bermuda	22 April 1979
To: Halifax, Nova Scotia	25 April 1979

Scientific Party

Hobart, Michael	Chief Scientist
Van Steveninck, William	Heat Flow Technician*
Roach, David	Heat Flow Technician
Abbott, Dallas	Scientist*
Scanlon, Kathryn	Scientist
Mossman, Dwight	Electronics Technician
Cuttillo, John	Electronics Technician
Suozzo, Robert	Computer Technician*
Iltzsche, Martin	Air Gun Technician
Smith, Hector	Air Gun Technician
DiBernardo, John	Air Gun Technician

Results

This leg was a transit from the Canal Zone to Halifax, Nova Scotia, where the Conrad was scheduled for yard work. The steering problems which had developed on leg 22-05 persisted and intensified, preventing any station work. Standard underway geophysical gear was streamed (maggie, airgun), and echosounding, 3.5kHz, and gravity profiles were obtained. The equipment worked well and a good seismic profile across the Caribbean and parallel to the isochrons on the Bermuda Rise was obtained. The ship stopped at Bermuda for additional steering repairs and additional supplies. Several scientists (denoted with * above), departed in Bermuda.

R/V ROBERT D. CONRAD

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CRUISE 22, LEG 06 TRACK CHART

