

Feb 16 - USA 25, 1978
#78006
55.

Cruise Report
USGS - USVI Coop

1. Ship: R/V Sarima
2. Cruise No.
3. Area of Operation: Southern shelf of St. Thomas, U.S. Virgin Islands
4. Dates of Operation: Cruise period 2-16-78 to 2-25-78
5. Personnel

Charles W. Holmes - USGS, Chief Scientist
Ronald Miller "
Jack Kindinger "
George Wiley "
Kenneth Parolski "

6. Purpose

The objectives of this cruise were to map the extent and thickness of the recent aggregate in selected locations as a prelude to selecting coring locations.

7. Equipment: 2.5 kHz EDO high resolution system
DRE side scan sonar system
8. Navigation: Precision navigation was obtained via a Del Norte trisponder system with a reported error of +2 meters.
9. Data Acquired: Approximately 240 km 2.5 and 160 km side scan data
10. Comments:

The data obtained was fair to good because of the sea state. However, the data is sufficient to obtain the information needed to accomplish the mission.

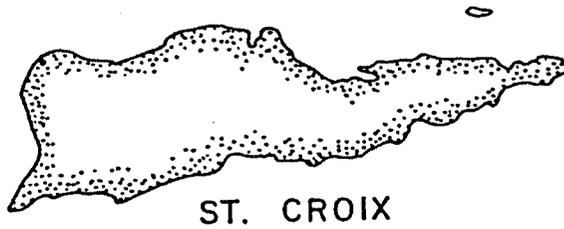
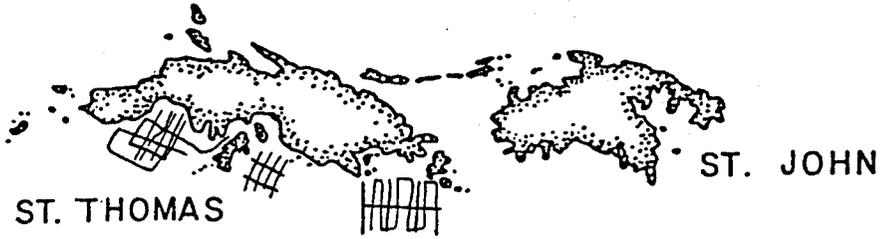
11. Tabulated information:

- a. Days at sea - 8
- b. Working days - 8
- c. Ship trace - 250 km
- d. Km of continuous data - 240 km 2.5 subbottom profiler
160 m side scan
- e. No. of stations - N.A.
- f. No. of samples - N.A.

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