

#81026 #87

Cruise Report  
(project 9840-02288)

Ship: Lynnhaven (U.S. Army Corps of Engineers)  
and ODU 1 (Old Dominion University)

Cruise Number: 81-DP-1

Area of Operation: Southern Delmarva Peninsula area near Cape Charles,  
Virginia - area bounded by 37° 6' - 37° 19'N and 75° 43' - 75° 59'W.

Dates of Operation: 7-20-81 to 7-26-81

Personnel:

Chief Scientist: Gerald Shideler (USGS - Corpus Christi)  
Douglass Owen " "  
John West " "  
Richard Cox (U.S. Army Corps of Engineers - Norfolk)  
Steve Deloach " "

John Keating (Old Dominion University)  
Mark Byrnes "

Purpose: Conducted high-resolution seismic survey to establish the stratigraphic  
framework of the southern Delmarva barrier island complex.

Major Equipment: ORE Boomer system and microsparker system.

Navigation: Motorola miniranger system.

Data Acquired: 185 km of high-resolution seismic records.