

OCEANUS CRUISE SYNOPSIS

Voyage - Leg: OC 455
Voyage Dates: 9-13 Sep 2009

Chief Scientist(s): Joan Bernhard
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Cruise Objective:

Science Activities: CTD water collections at depth and coring (Soutar Boxcore and MC800 multicore) for live benthic foraminifera collections

Operations Area: South of Martha's Vineyard, furthest position ~39 31.7N, 70 33.1W
67 nm to first station, 3 stations
Depth Range 80-2450 m

Departure Port: Woods Hole

Arrival Port: Woods Hole

SHIP

Installed or Normally Carried Equipment: 3.5 kHz Bathymetry System
CTD/rosette
10-liter Niskin bottles
Doppler/GPS Nav
Fume hood
Refrigerator
Chest freezer
Deionized water system
conducting hydro for CTD - 2450 m max. depth
steel trawl wire for Soutar MC800 - 2450 m max. depth

WHOI-Provided Equipment: UNOLS cold van

**Science Party-
Provided Equipment:**

Soutar Box corer
MC800 multicore
HAZMAT - We will bring an appropriate spill kit and
we will remove all materials at the end of the cruise.

Notes:

night time work anticipated

Funding:

NSF 0850494

Last Modified: 08/17/2009