

Site: PAT-15D

Priority: 1

Position: 26°01.772'N, 147°55.993'W

Water Depth: 5359 m (uncorrected)

Sediment Thickness: 123 m (0.158 s TWTT)

Target Drilling Depth: 124 m

Approved Maximum Penetration: 200 mbsf

Seismic Coverage: EW9709 PAT-15 seismic survey

Objectives: The objectives of Site PAT-15 are to:

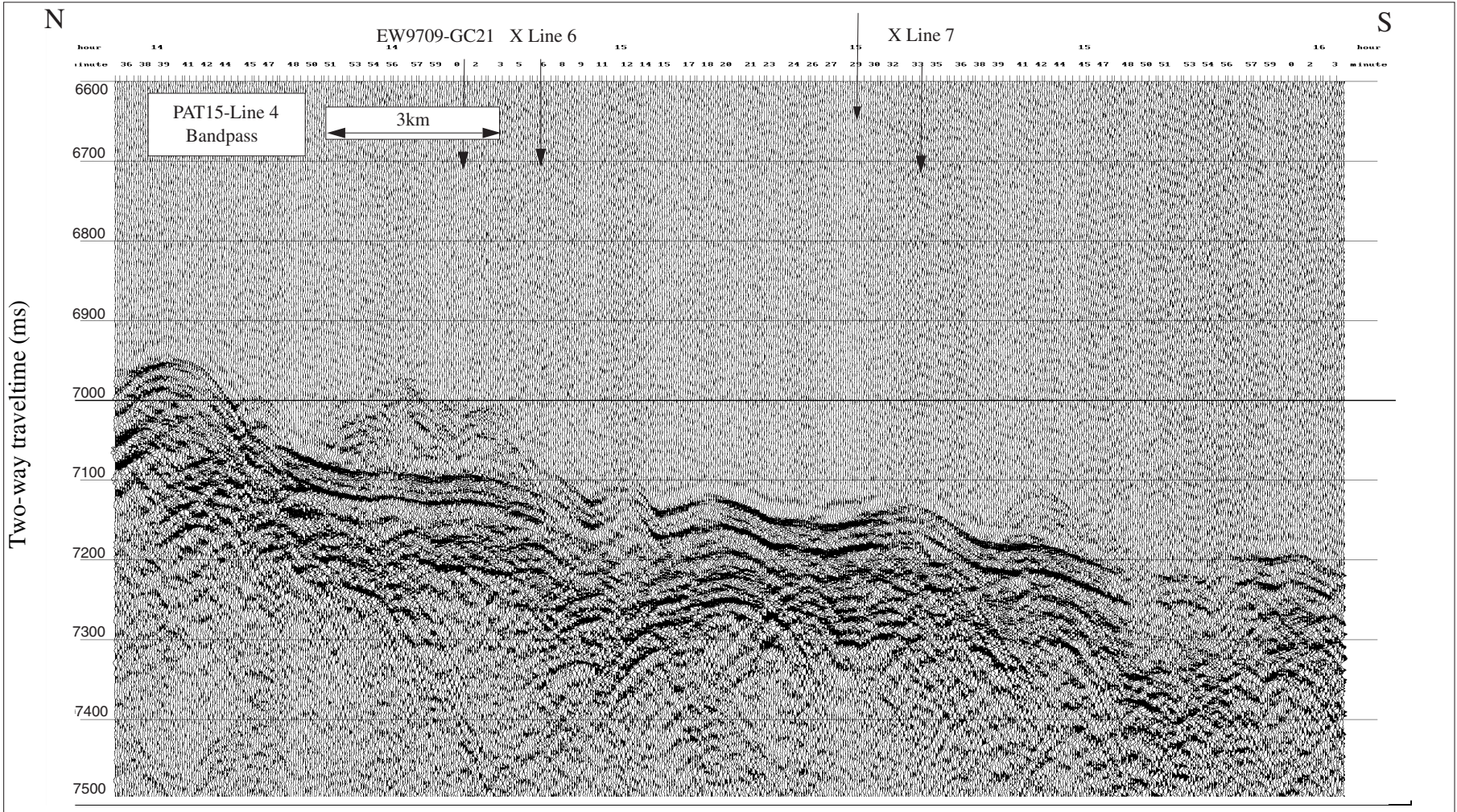
1. Determine the nature and types of sediment to understand dynamics of the NEC in the late Paleocene-Eocene
2. Determine the paleolatitude of the drill site
3. Determine the rate of accumulation and types of biogenic sediments
4. Collect an LPTM (late Paleocene thermal maximum) section

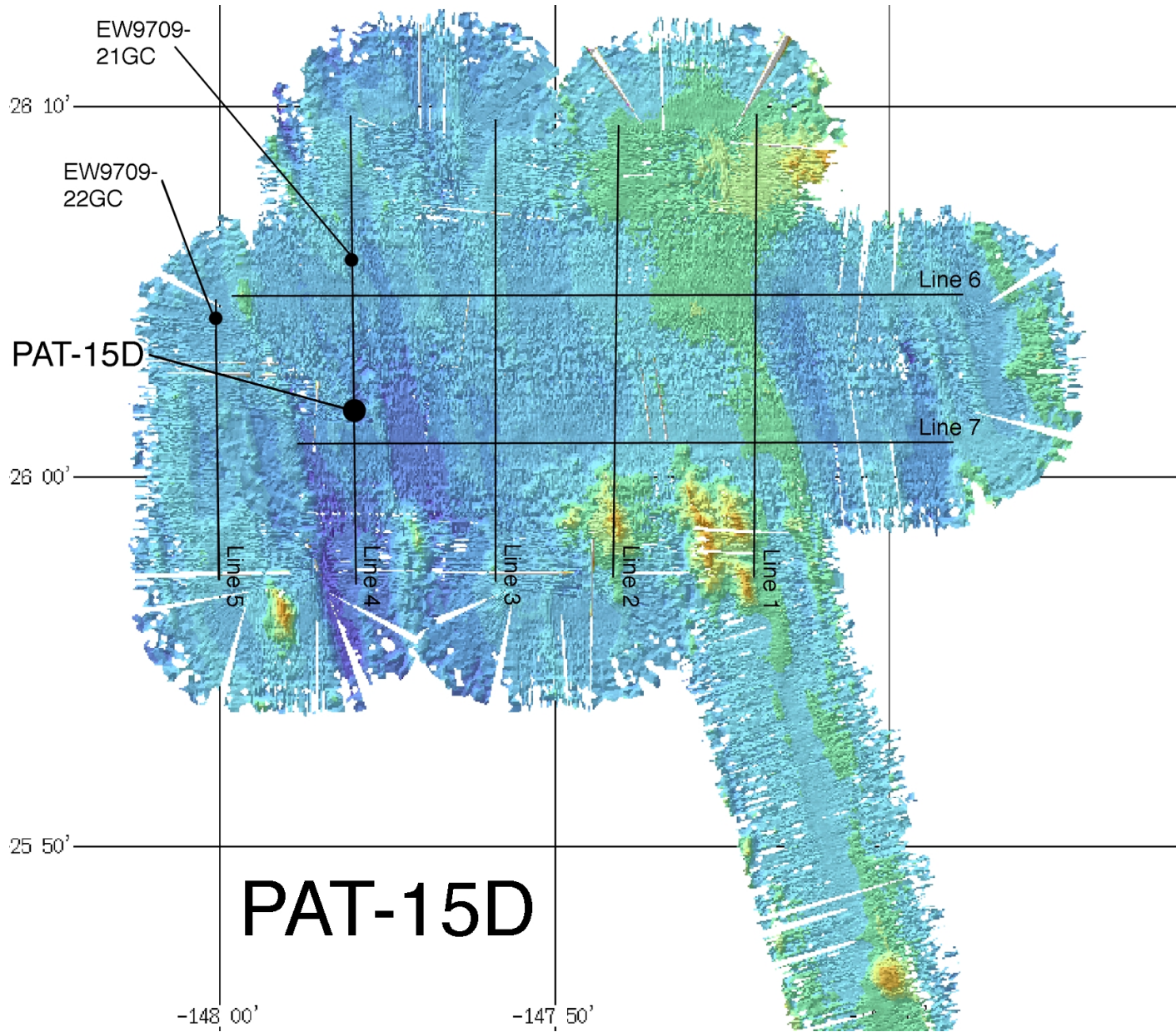
Drilling Program: One APC/XCB to basement; second and third APC/XCB to basement if time available.

Logging and Downhole: None

Nature of Rock Anticipated: Soft sediments except perhaps some chert-chalk in basal layers. Basement is midocean ridge basalt.

PAT-15D





Site: PAT-16A

Priority: Alternate

Position: 32°32.506'N, 141°12.221'W

Water Depth: 5123 m (uncorrected)

Sediment Thickness: 21 m (0.027 s TWTT)

Target Drilling Depth: 21 m

Approved Maximum Penetration: 50 m

Seismic Coverage: EW9709 PAT-16 survey

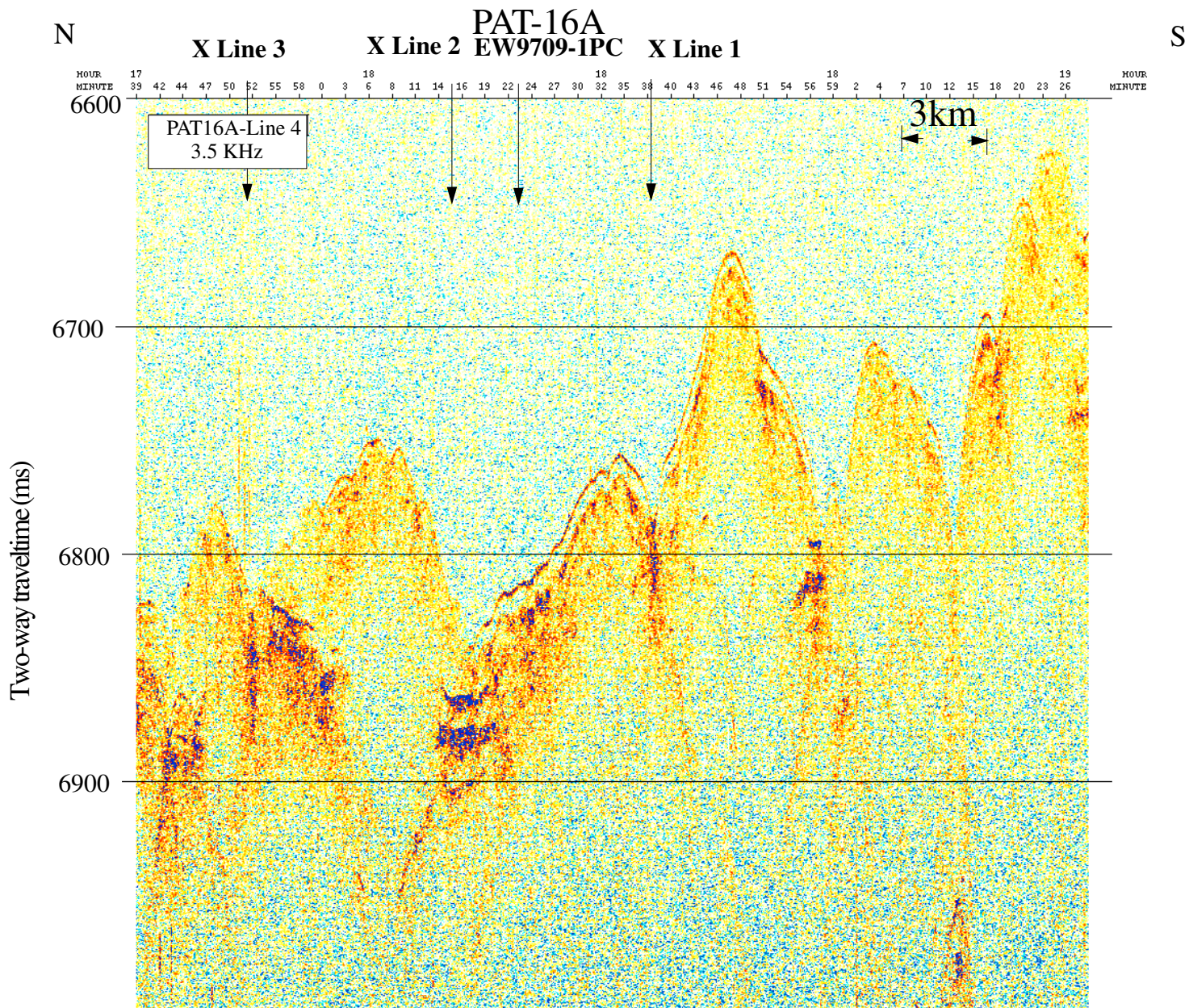
Objectives: The objectives of Site PAT-16A are to:

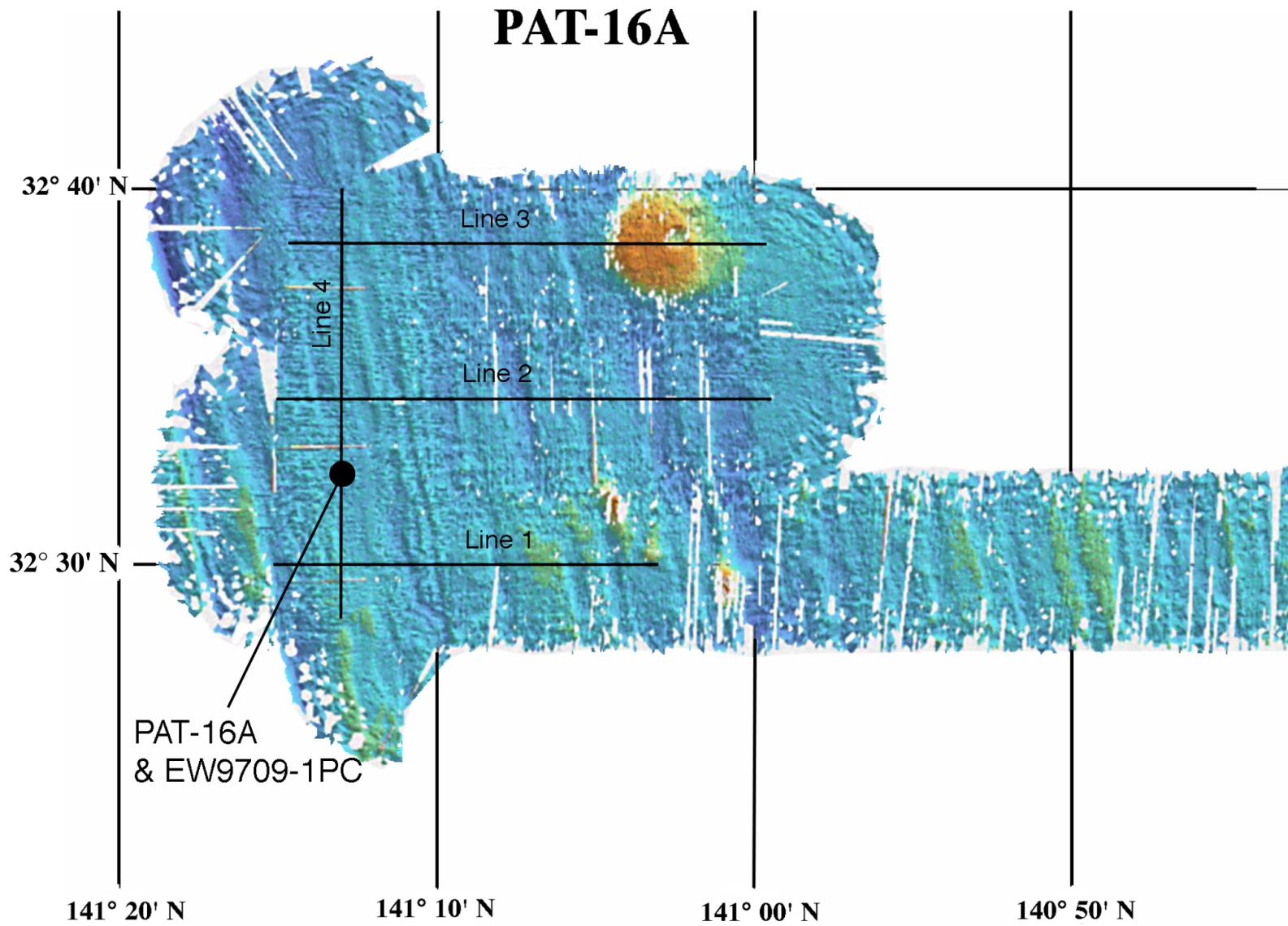
1. Determine the nature and types of sediment to understand dynamics of the NEC in the late Paleocene-Eocene
2. Determine the paleolatitude of the drill site
3. Determine the rate of accumulation and types of biogenic sediments
4. Collect an LPTM section

Drilling Program: Triple APC/XCB to basement

Logging and Downhole: None.

Nature of Rock Anticipated: Soft sediments except perhaps some chert-chalk in basal layers. Basement is midocean ridge basalt.





Site: PAT-17C

Priority: 1

Position: 7°48.009'N, 142°00.940'W

Water Depth: 5039 m (uncorrected)

Sediment Thickness: 294 m (0.366 sec TWTT)

Target Drilling Depth: 295 m

Approved Maximum Penetration: 400 m

Seismic Coverage: EW9709 PAT-17 survey

Objectives: The objectives of Site PAT-17C are to determine:

1. Determine the nature of sediments in Eocene tropical Pacific in the SEC
2. Determine the paleolatitude of the drill site
3. Determine the rate of accumulation and types of biogenic sediments
4. Collect an early Eocene section

Drilling Program: One APC/XCB to basement; second and third APC to refusal; second and third XCB if time available.

Logging and Downhole: Triple combo, MGT, and FMS-sonic. WSTP check shots if time is available.

Nature of Rock Anticipated: Soft sediments except perhaps some chert-chalk in basal layers. Basement is midocean ridge basalt.

