

Site: PAT-12C

Priority: 1

Position: 13°48.979'N, 143°53.348'W

Water Depth: 4965 m (uncorrected)

Sediment Thickness: 151 m (0.195 s TWTT)

Target Drilling Depth: 151 m

Approved Maximum Penetration: 250 m

Seismic Coverage: EW9709 PAT-12 survey

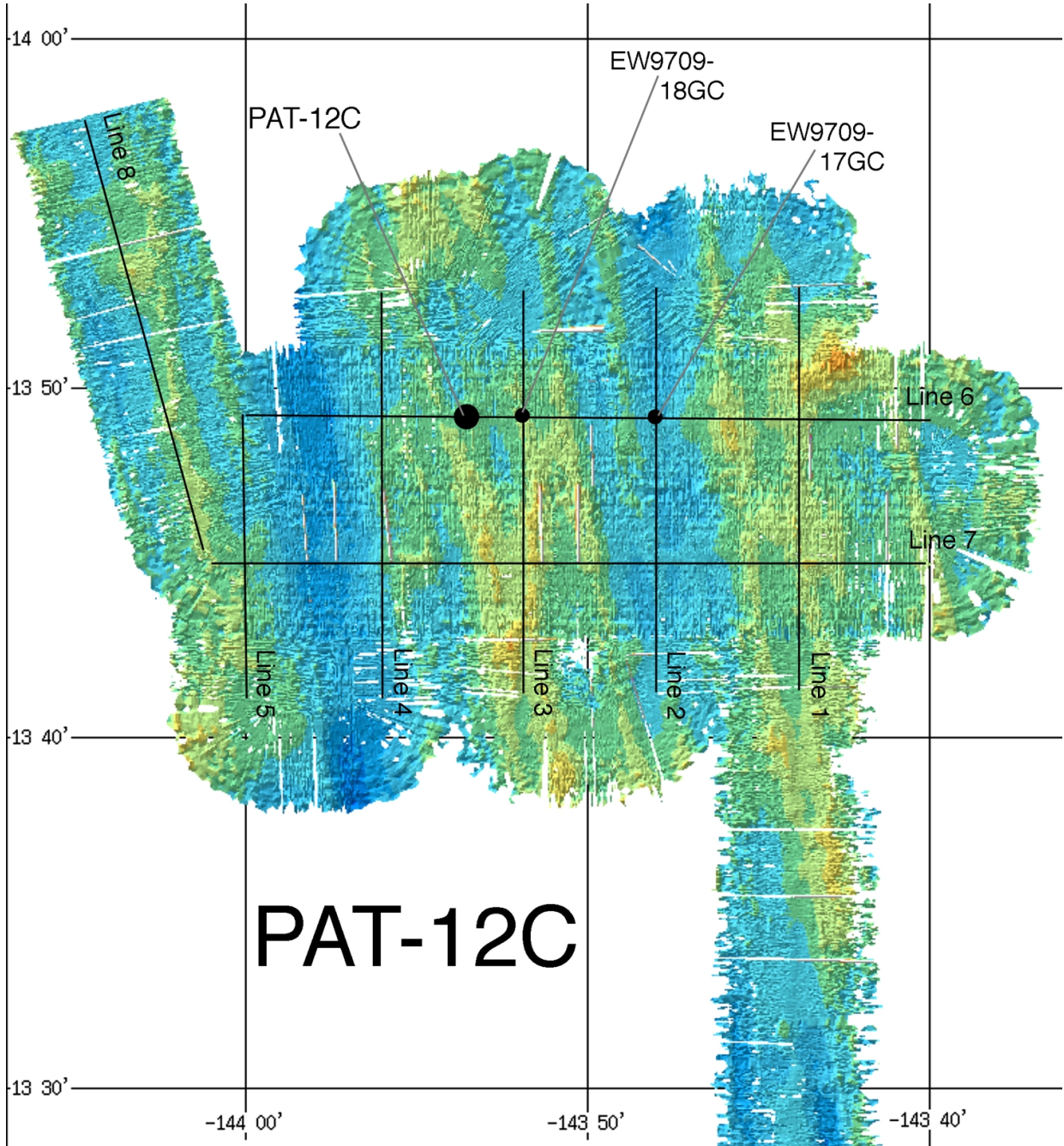
Objectives: The objectives of Site PAT-12C are to:

1. Determine the nature of sediments in the late Paleocene equatorial region
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: One APC/XCB to basement; second APC to refusal, second XCB, and third APC/XCB if time is available.

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

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



Site: PAT-13C

Priority: 2

Position: 19°46.084'N, 138°55.002'W

Water Depth: 5083 m (uncorrected)

Sediment Thickness: 150 m (0.192 s TWTT)

Target Drilling Depth: 150 m

Approved Maximum Penetration: 250 m

Seismic Coverage: EW9709 PAT-13 survey

Objectives: The objectives of Site PAT-13C are to determine the:

1. Determine the nature of sediments in Eocene/Paleocene tropical Pacific in the north equatorial current (NEC) region
2. Determine the Paleolatitude of the drill site
3. Determine the rate of accumulation and types of biogenic sediments
4. Collect an LPTM section

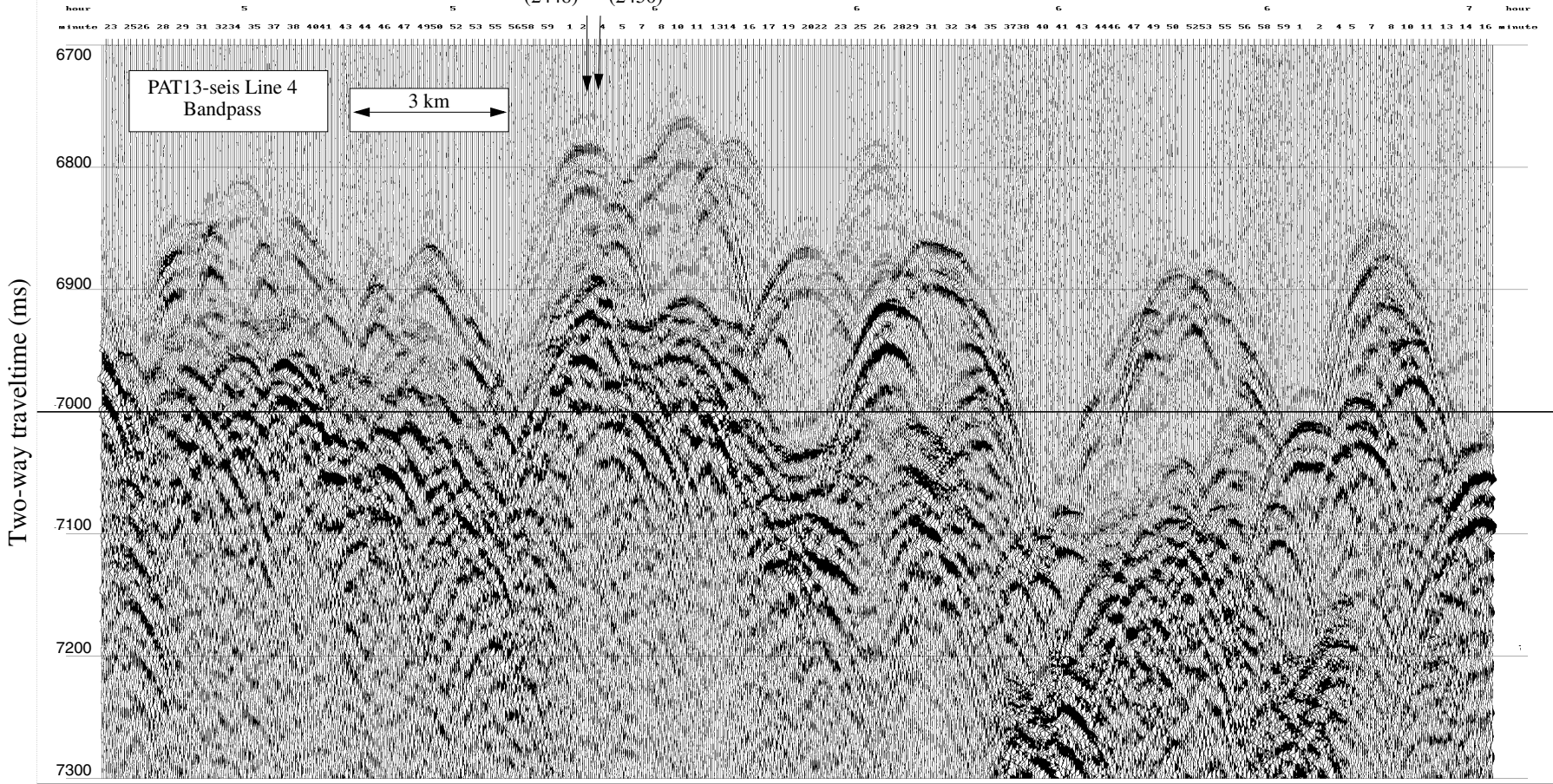
Drilling Program: One APC/XCB to basement; second and third APC to refusal if time is available.

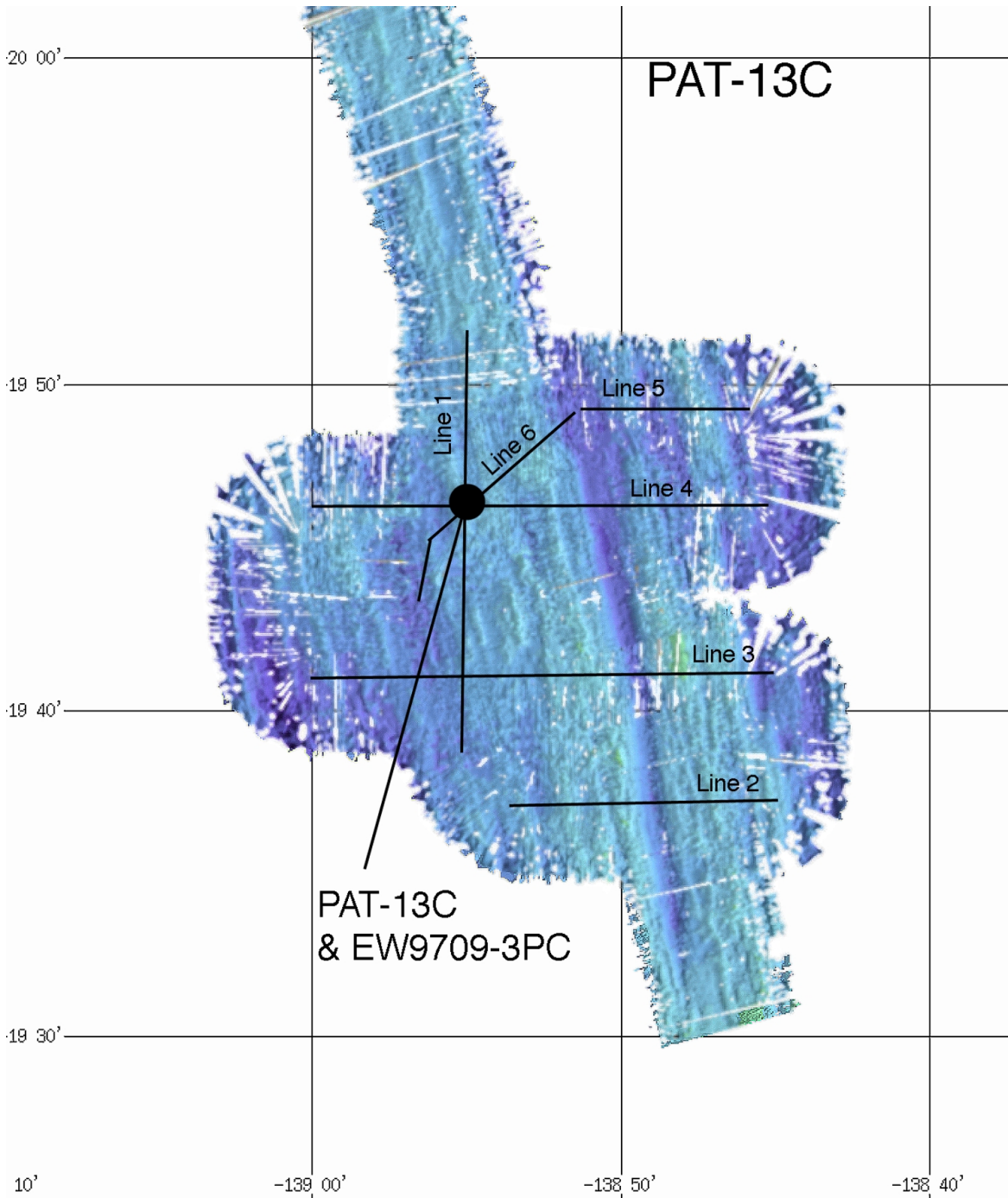
Logging and Downhole: Triple combo, MGT, and FMS-sonic if time is available.

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

PAT-13C

(2448) (2450)





Site: PAT-14B

Priority: Alternate

Position: 22°55.220'N, 140°00.922'W

Water Depth: 4859 m (uncorrected)

Sediment Thickness: 140 m (0.180 s TWTT)

Target Drilling Depth: 140 m

Approved Maximum Penetration: 250 m

Seismic Coverage: EW9709 PAT-14 survey

Objectives: The objectives of Site PAT-14B 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 to refusal if time is available.

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

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

