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CRUISE REPORT

Ship name: R/V Jean A

Cruise No.: 79-1

Parent Project: Puerto Rico Marine Geology Co-op

Area of Operations:
1. Sand area NE of Luquillo
2. Two lines north of Cayo Icacos
3. Humacao - Vieques area

Dates: 30 Oct. - 4 Nov.

Chief Scientist: Kurt Grove

Science Party: Nelson Espinell, P.R. Dept. Nat. Resource
Jose Muñiz, P.R. Dept. Nat. Resource
Captain Eladio Rodriguez and crew

Purpose of Cruise:
1. Detail surface sampling of potential sand deposit NE of Luquillo.
2. Two surface sediment and bathymetry profiles north of Cayo Icacos to control mapping of Luquillo area.
3. Initial surface sampling of Humacao-Vieques area in advance of planned R/V Eastward cruise.

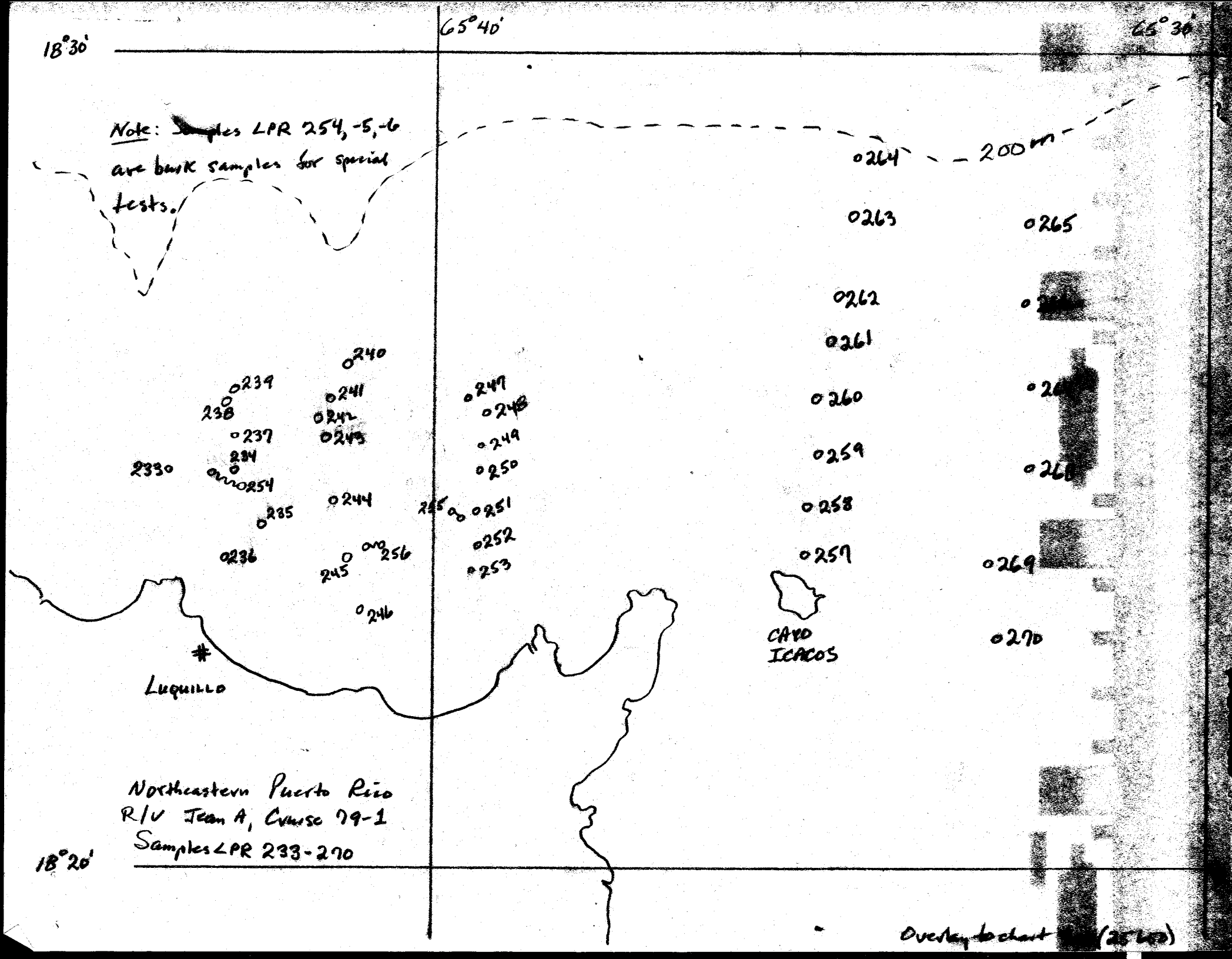
Navigation: Precision radar range ring on Jean A radar, considered to be good to 0.1 nautical mile or 600 feet.

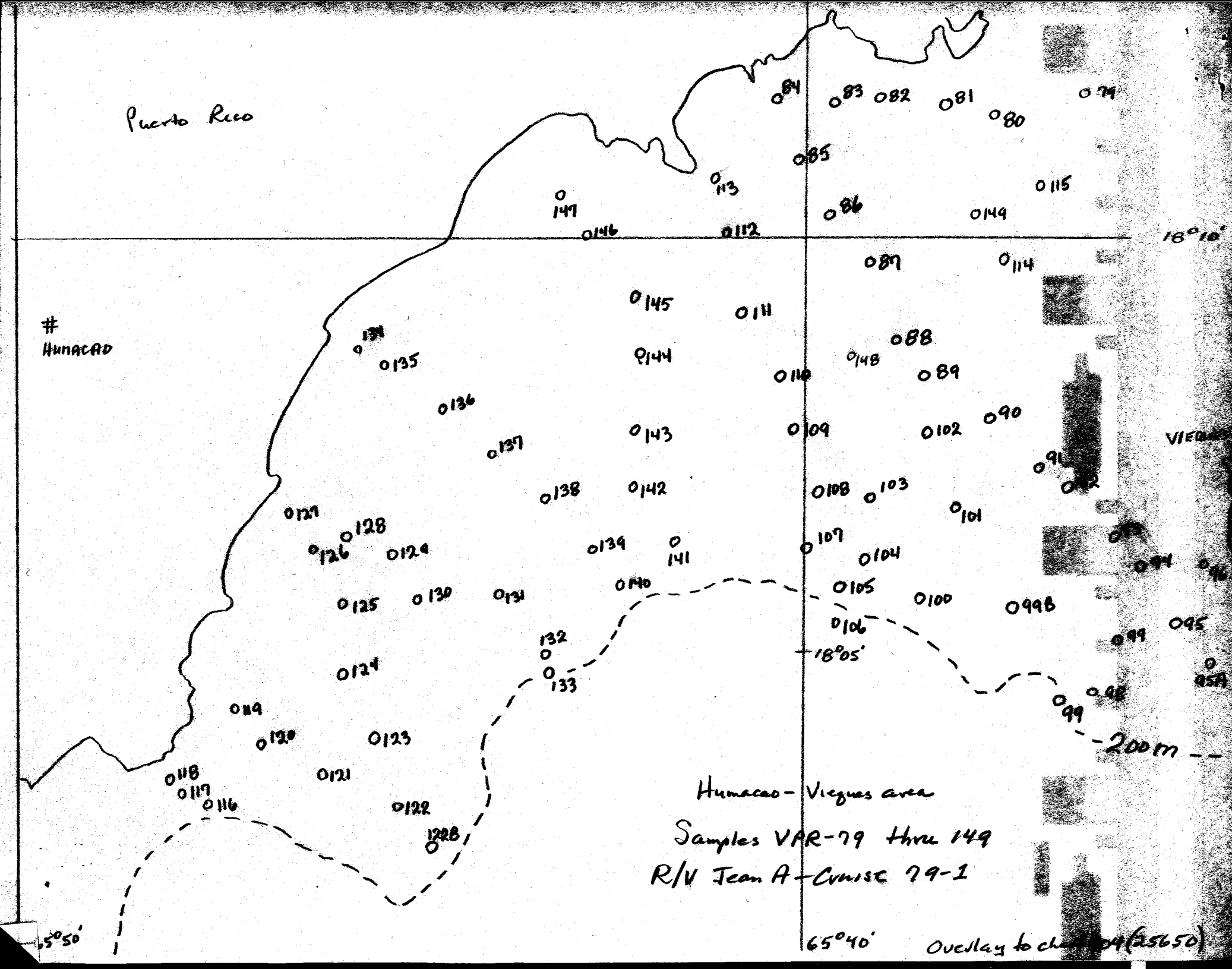
Equipment: Van Veen Sampler, Raytheon recording echo-sounder

No. days at sea: 6 (six)

Stations made (no underway work):

Samples:	Sand area: LPR233-256	24
	N. of Icacos: LPR257-270	14
	Hum.-Vieques area: VPR079-149	71
		109


18°30'
65°40'
65°30'
Note: Samples LPR 254, -5, -6 are bulk samples for special tests.
200 m
0264
0263
0265
0262
0261
0260
0259
0258
0257
0269
0270
0240
0239
0241
0238
0242
0237
0243
0234
2330
0254
0244
0235
0236
0256
0245
0246
0247
0248
0249
0250
0251
0252
0253
CAYO ICACOS
LUQUILLO
Northeastern Puerto Rico
R/V Jean A, Cruise 79-1
Samples LPR 233-270
18°20'
Overlay to chart (25 40)


Puerto Rico
HUMACAO
VIEQUES
18°10'
18°05'
65°50'
65°40'
200m
Humacao - Vieques area
Samples VAR-79 thru 149
R/V Jean A - Cruise 79-1
Overlay to chart 09(25650)