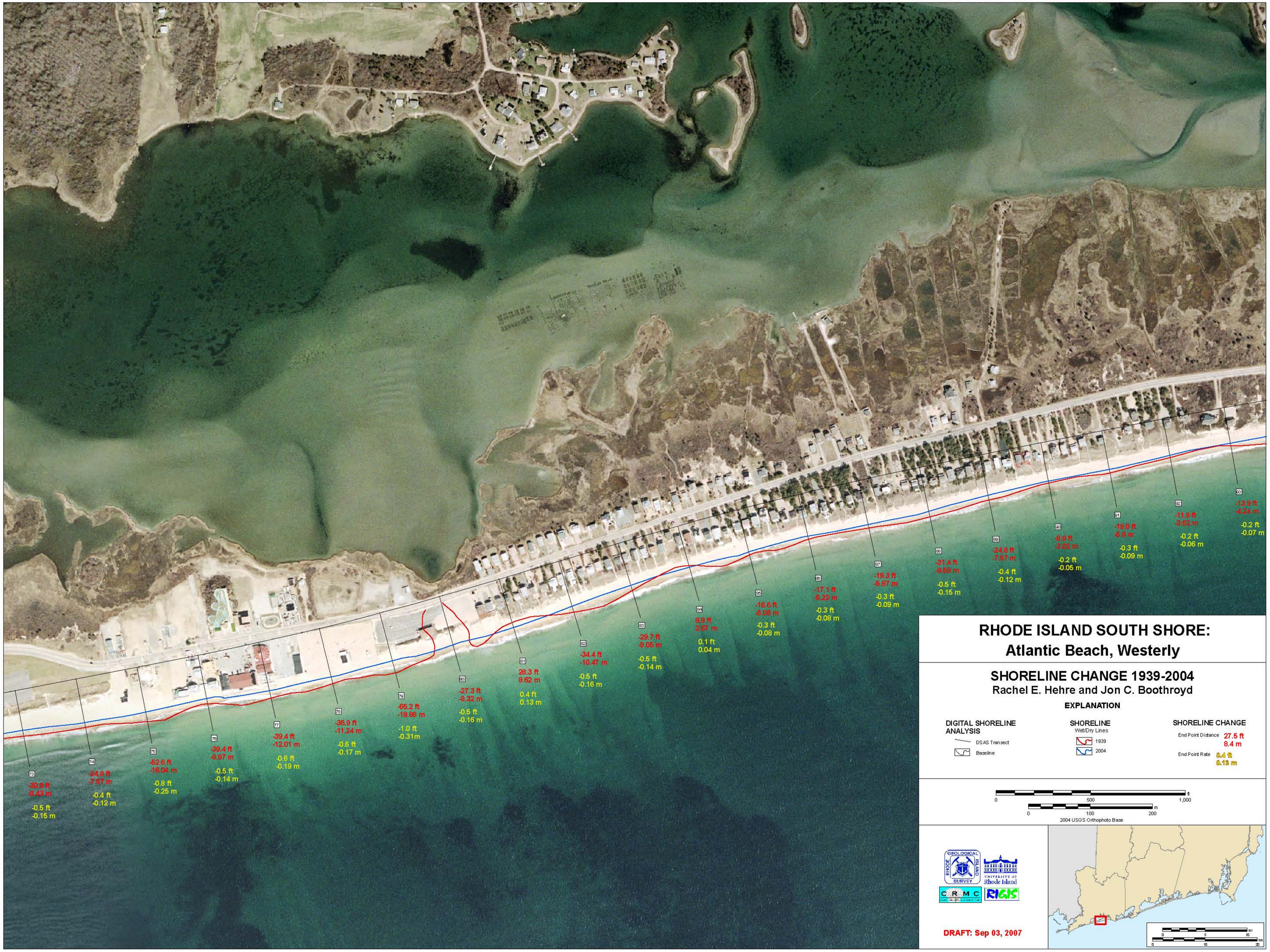
73
-30.9 ft
-9.43 m
-0.5 ft
-0.15 m
74
-24.8 ft
-7.57 m
-0.4 ft
-0.12 m
75
-52.6 ft
-16.04 m
-0.8 ft
-0.25 m
76
-39.4 ft
-8.97 m
-0.5 ft
-0.14 m
77
-39.4 ft
-12.01 m
-0.6 ft
-0.19 m
78
-36.9 ft
-11.24 m
-0.6 ft
-0.17 m
79
-65.2 ft
-19.86 m
-1.0 ft
-0.31m
80
-27.3 ft
-8.32 m
-0.5 ft
-0.16 m
81
28.3 ft
8.62 m
0.4 ft
0.13 m
82
-34.4 ft
-10.47 m
-0.5 ft
-0.16 m
83
-29.7 ft
-9.06 m
-0.5 ft
-0.14 m
84
8.8 ft
2.67 m
0.1 ft
0.04 m
85
-16.6 ft
-5.06 m
-0.3 ft
-0.08 m
86
-17.1 ft
-5.22 m
-0.3 ft
-0.08 m
87
-19.3 ft
-5.87 m
-0.3 ft
-0.09 m
88
-31.4 ft
-9.58 m
-0.5 ft
-0.15 m
89
-24.8 ft
-7.57 m
-0.4 ft
-0.12 m
90
-9.9 ft
-3.02 m
-0.2 ft
-0.05 m
91
-19.0 ft
-5.8 m
-0.3 ft
-0.09 m
92
-11.9 ft
-3.62 m
-0.2 ft
-0.06 m
93
-13.9 ft
-4.24 m
-0.2 ft
-0.07 m
RHODE ISLAND SOUTH SHORE:
Atlantic Beach, Westerly
SHORELINE CHANGE 1939-2004
Rachel E. Hehre and Jon C. Boothroyd
EXPLANATION
DIGITAL SHORELINE ANALYSIS
DSAS Transect
Baseline
SHORELINE
Wet/Dry Lines
1939
2004
SHORELINE CHANGE
End Point Distance 27.5 ft 8.4 m
End Point Rate 0.4 ft 0.13 m
0 500 1,000 ft
0 100 200 m
2004 USGS Orthophoto Base
GEOLOGICAL SURVEY
RHODE ISLAND
UNIVERSITY OF Rhode Island
CRMC
RIGIS
DRAFT: Sep 03, 2007
0 5 10 mi
0 10 20 km