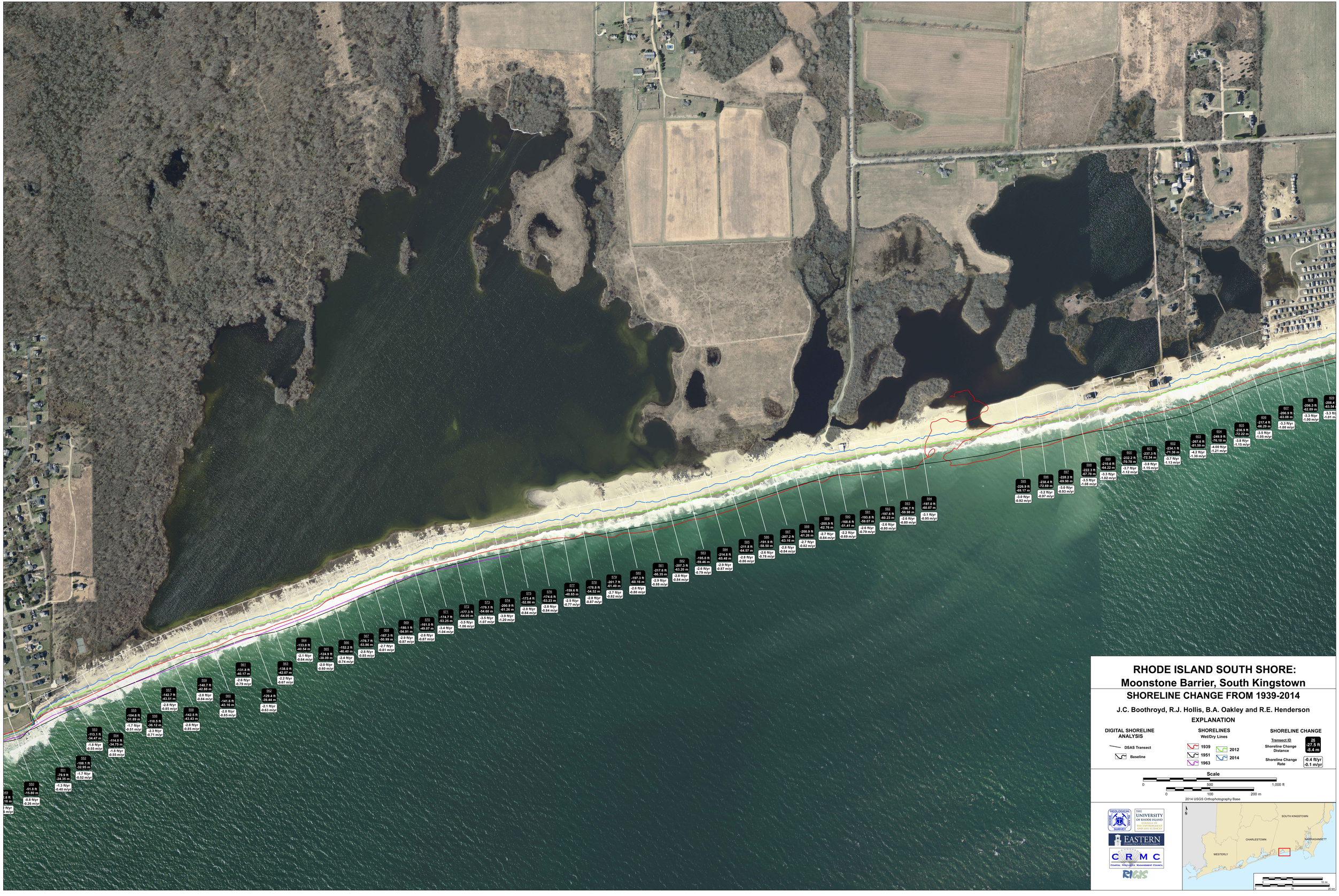

RHODE ISLAND SOUTH SHORE:
Moonstone Barrier, South Kingstown

SHORELINE CHANGE FROM 1939-2014

J.C. Boothroyd, R.J. Hollis, B.A. Oakley and R.E. Henderson

EXPLANATION

DIGITAL SHORELINE ANALYSIS

- DSAS Transect
- Baseline

SHORELINES

Wet/Dry Lines

- 1939
- 1951
- 1963
- 2012
- 2014

SHORELINE CHANGE

Transect ID: 26

Shoreline Change Distance: -27.5 ft / -8.4 m

Shoreline Change Rate: -0.4 ft/yr / -0.1 m/yr

Scale

0 — 500 — 1,000 ft

0 — 100 — 200 m

2014 USGS Orthophotography Base

RI GEOLOGICAL SURVEY
THE UNIVERSITY OF RHODE ISLAND COLLEGE OF THE ENVIRONMENT AND LIFE SCIENCES
EASTERN CONNECTICUT STATE UNIVERSITY
CRMC COASTAL RESOURCES MANAGEMENT COUNCIL
RIGIS