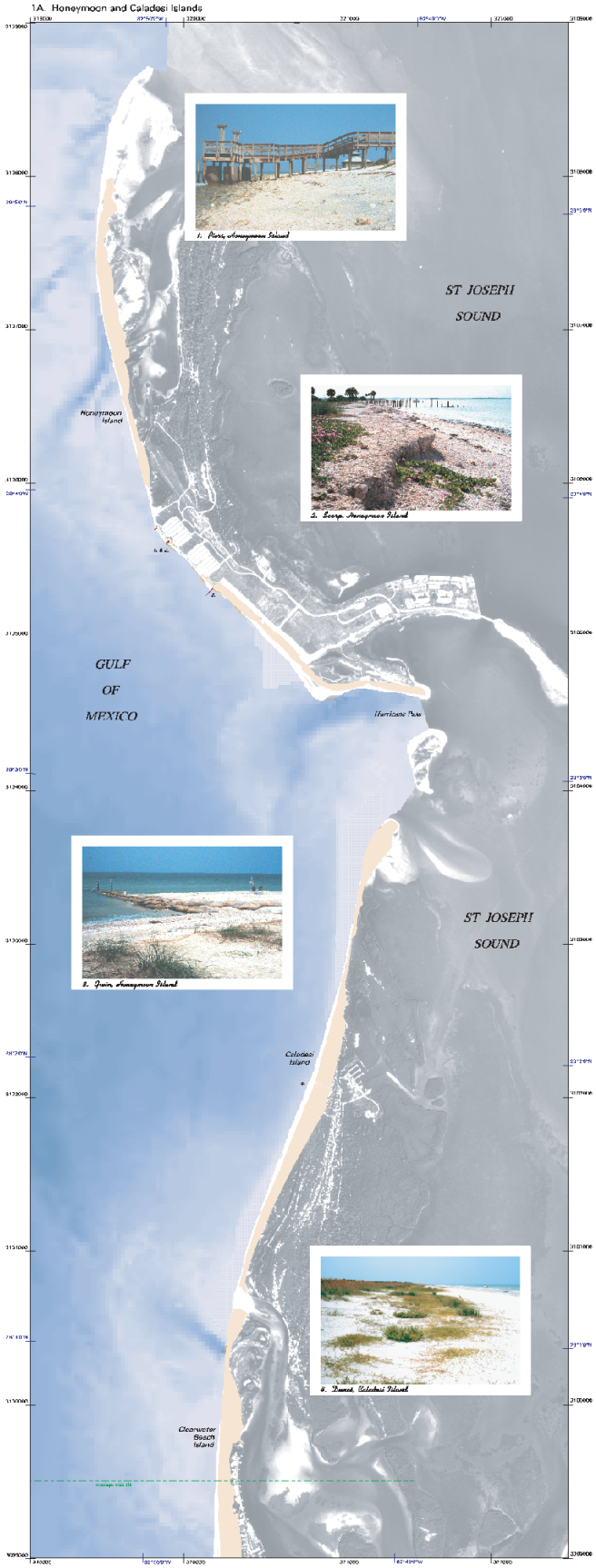
U.S. Department of the Interior
U.S. Geological Survey

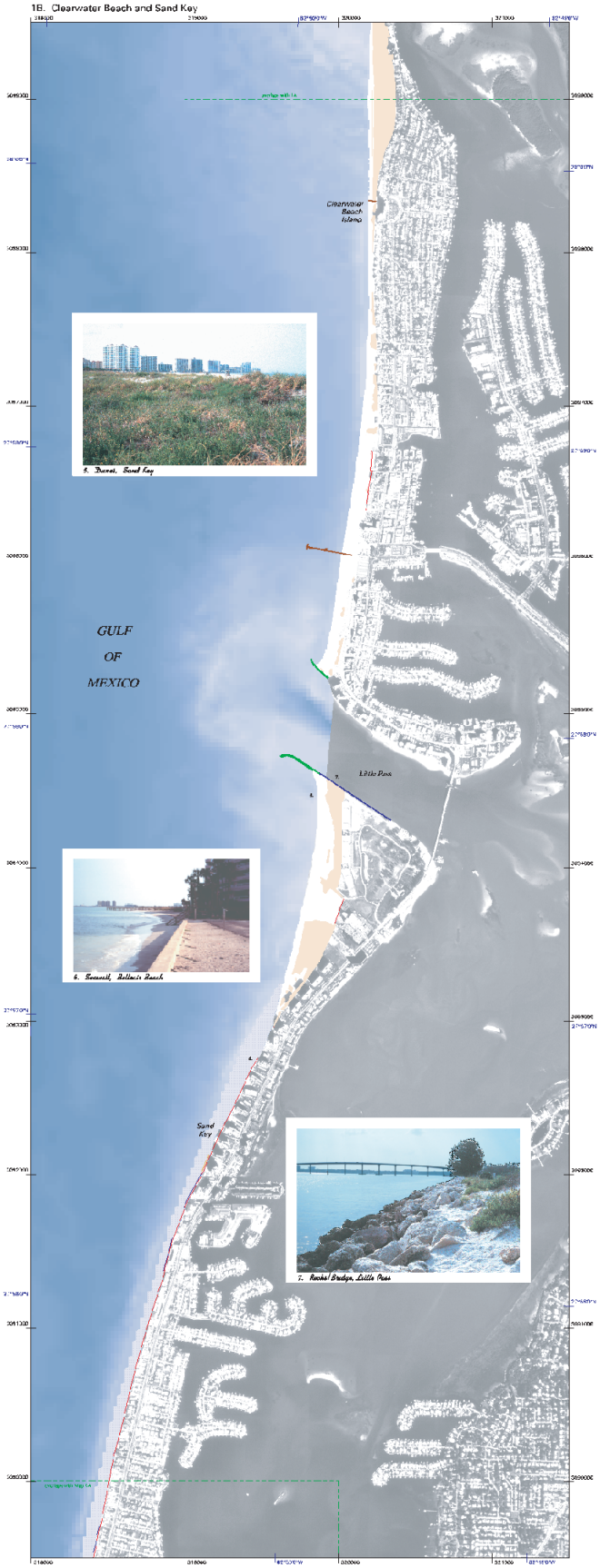
Prepared for the
West-Central Florida Coastal Studies Project
In cooperation with the University of South Florida and Eckerd College

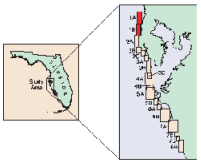
Beach Structures Map Series
Open File Report: 99-416A

1A. Honeymoon and Caladesi Islands



1B. Clearwater Beach and Sand Key





Map Series Index

1. A. Honeymoon and Caladesi Islands
   B. Clearwater Beach and Sand Key
2. A. Indian Rocks Beach
   B. Redington
   C. Johns Pass
3. A. Treasure Island and St. Pete Beach
   B. Pinellas Point and Cabbage Key
   C. Mullet Key
4. A. Mullet Key and Egmont Key
   B. Anna Maria Island N
5. A. Anna Maria Island
   B. Longboat Pass
6. A. Longboat Key
   B. Longboat Key S and Lido Key
7. A. Siesta Key
   B. Siesta Key and Casey Key
   C. Casey Key
8. A. Venice Inlet

Beach Structures – Map 1

by
Guy Gelfenbaum, Kristy Guy and Kevin Geraghty
1999

Scale 1:12 000

0.5 0 0.5 1 Kilometers
0.2 0 0.2 0.4 0.6 0.8 Miles

UTM Grid N

Beach Structures
- Groin
- Jetty
- Rock
- Groin

Beach Features
- Sand

Water Depth Meters
0 1 2 3 4 5 6 7 8 9 ≥10

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards. Do not use for navigation.

The beach structure/feature field data were collected using hand held GPS receivers in 1998 1999. The Gulf side shoreline was GPS surveyed in the summer of 1999 (Map 1) or in the spring of 1998 (Maps 2-8). Beach structures were added and edited on-screen using color orthophotos (FDEP/USGS). The black and white aerial images (band 2 of the CIR DOQQs, 1m by 1m resolution, Jan/Feb 1994/96). The bathymetric surface inside is not consistent with the other data. It was created from NOAA NOS Hydrographic Surveys taken in the 1930s and 1970s.

Map projection: UTM Zone 17, North American Datum 1983, Spheroid GRS 1980. Black dot: UTM Easting, Northing and Longitude.