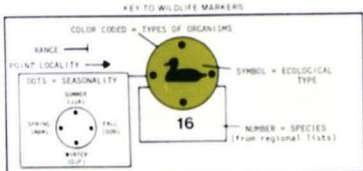


MIDCOAST AND DOWNEAST MAINE  
SHORELINE TYPES

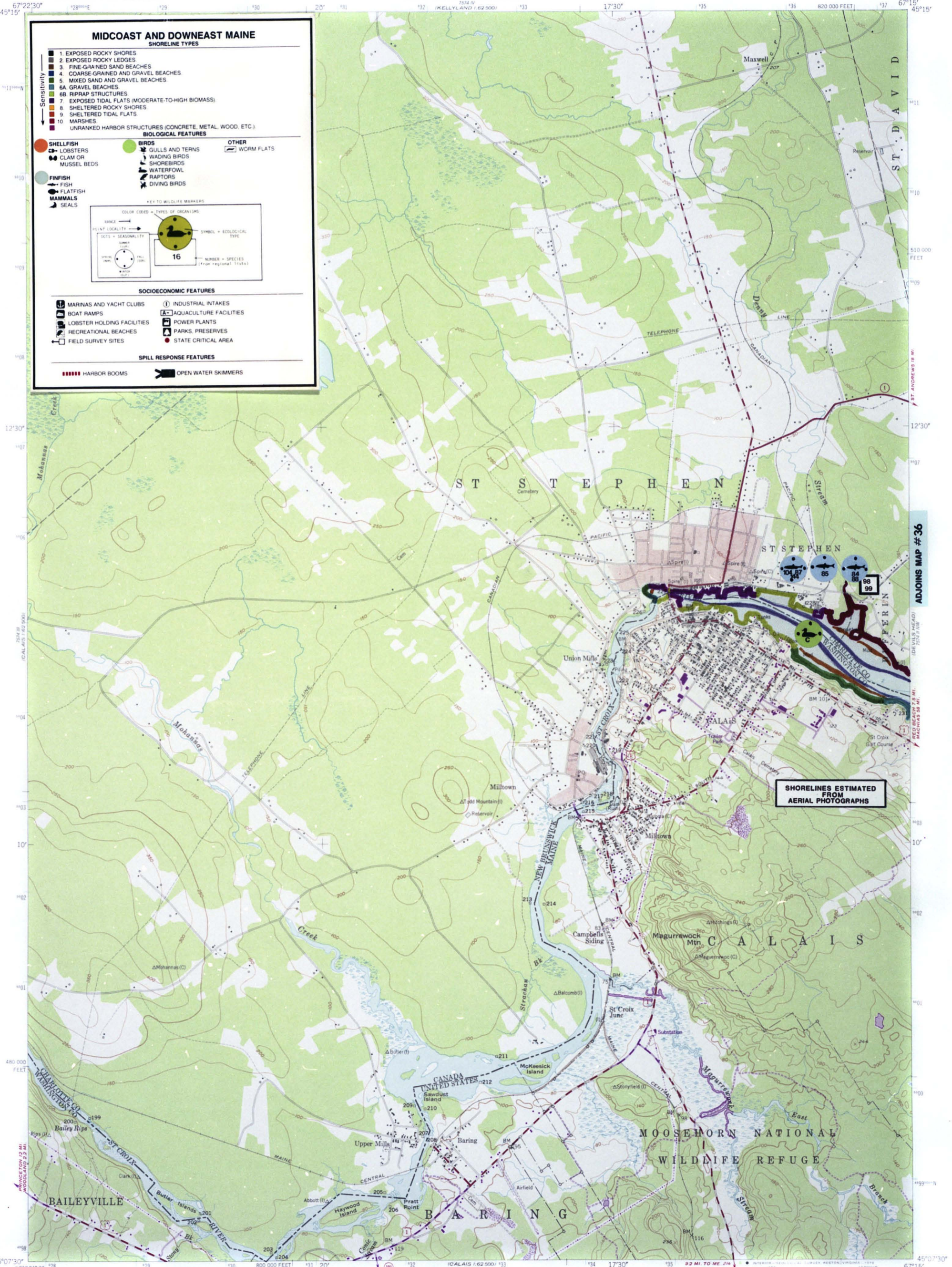
1. EXPOSED ROCKY SHORES
2. EXPOSED ROCKY LEDGES
3. FINE-GRAINED SAND BEACHES
4. COARSE-GRAINED AND GRAVEL BEACHES
5. MIXED SAND AND GRAVEL BEACHES
- 6A. GRAVEL BEACHES
- 6B. RIPRAP STRUCTURES
7. EXPOSED TIDAL FLATS (MODERATE-TO-HIGH BIOMASS)
8. SHELTERED ROCKY SHORES
9. SHELTERED TIDAL FLATS
10. MARSHES
- UNRANKED HARBOR STRUCTURES (CONCRETE, METAL, WOOD, ETC.)

- BIOLOGICAL FEATURES**
- SHELLFISH**
- LOBSTERS
  - CLAM OR MUSSEL BEDS
- FINFISH**
- FISH
  - FLATFISH
  - MAMMALS
  - SEALS
- BIRDS**
- GULLS AND TERNS
  - WADING BIRDS
  - SHOREBIRDS
  - WATERFOWL
  - RAPTORS
  - DIVING BIRDS
- OTHER**
- WORM FLATS



- SOCIOECONOMIC FEATURES**
- MARINAS AND YACHT CLUBS
  - BOAT RAMPS
  - LOBSTER HOLDING FACILITIES
  - RECREATIONAL BEACHES
  - FIELD SURVEY SITES
  - INDUSTRIAL INTAKES
  - AQUACULTURE FACILITIES
  - POWER PLANTS
  - PARKS, PRESERVES
  - STATE CRITICAL AREA

- SPILL RESPONSE FEATURES**
- HARBOR BOOMS
  - OPEN WATER SKIMMERS

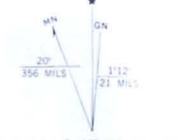


SHORELINES ESTIMATED  
FROM  
AERIAL PHOTOGRAPHS

ADJOINS MAP #36

Mapped by the U. S. Coast & Geodetic Survey  
Edited and published by the Geological Survey  
Control by US&GS (C) and International Boundary Commission (I)

**rpi inc.**  
Research Planning Institute, Inc.  
925 Gervais Street  
Columbia, South Carolina, USA 29201  
(803) 256-7322



CONTOUR INTERVAL 20 FEET IN THE UNITED STATES AND 50 FEET IN CANADA  
NATIONAL GEODETIC VERTICAL DATUM OF 1929  
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER  
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER  
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 20 FEET

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092.  
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Revisions shown in purple compiled by Geological Survey from aerial  
photographs taken 1975. This information not field checked  
Map edited 1977.

**ESI MAP  
#37**

CALAIS, ME.  
NE/4 CALAIS 15' QUADRANGLE  
N4507.5 W6715/7.5

1949  
PHOTOREVISED 1977  
AMS 7574 III NE—SERIES V811