

LTER ARCHIVES

BY SUSAN J. TROSSBACH

LTER - ARCHIVES

FINAL REPORT BY SUSAN J. TROSSBACH

I. MAPS AND CHARTS

- 1.0 USGS QUADRANGLES
- 2.0 STUDY AREA MAPS
- 3.0 IN HOUSE MAPS AND CHARTS
- 4.0 MAPS AND CHARTS AVAILABLE AT ALDERMAN
- 5.0 MAPS AND CHARTS AVAILABLE AT VIMS
- 6.0 MAPS AND CHARTS AVAILABLE AT THE NATIONAL ARCHIVES
- 7.0 MICELLANEOUS MAPS AND CHARTS
- 7.1 NOS/NOAA AND CORPS STUDY
- 7.2 HOG MAP

II. AERIAL PHOTOGRAPHY

- 1.0 IN HOUSE PHOTO ARCHIVES
- 2.0 FLIGHT LINES AND PHOTO INDICES
- 3.0 SATELLITE IMAGREY
- 4.0 NCIC MICROFICHE LISTING
- 5.0 TIDAL INLETS LISTING
- 6.0 USAF PHOTOS AT THE NATIONAL ARCHIVES
- 7.0 USACE NORFOLK
- 8.0 BROWNSVILLE
- 9.0 TOM RICE
- 10.0 LTER PHOTOGRAPHY COST ESTIMATE

III. AERAIL PHOTOGRAPHY SCHEDULING

- 1.0 FLIGHT LINES
- 2.0 CONTACTS FOR FLIGHTS
- 2.1 VIMS
- 2.2 NASA
- 3.0 GROUND CONTROL
- 4.0 REMOTE SENSING CHECKLIST

IV. CONTACTS AND SOURCES OF INFORMATION

V. COASTS DATA

- 1.0 COASTS
- 2.0 BASE MAPS
- 3.0 DATA AVAILABLE

VI. ADDITIONAL NOTES

LTER - ARCHIVES

FINAL REPORT BY SUSAN J. TROSSBACH

This report summarizes the information collected on maps, charts, and aerial photos during the first year of the UVA-LTER project.

I. MAPS AND CHARTS

1.0 USGS QUADRANGLES

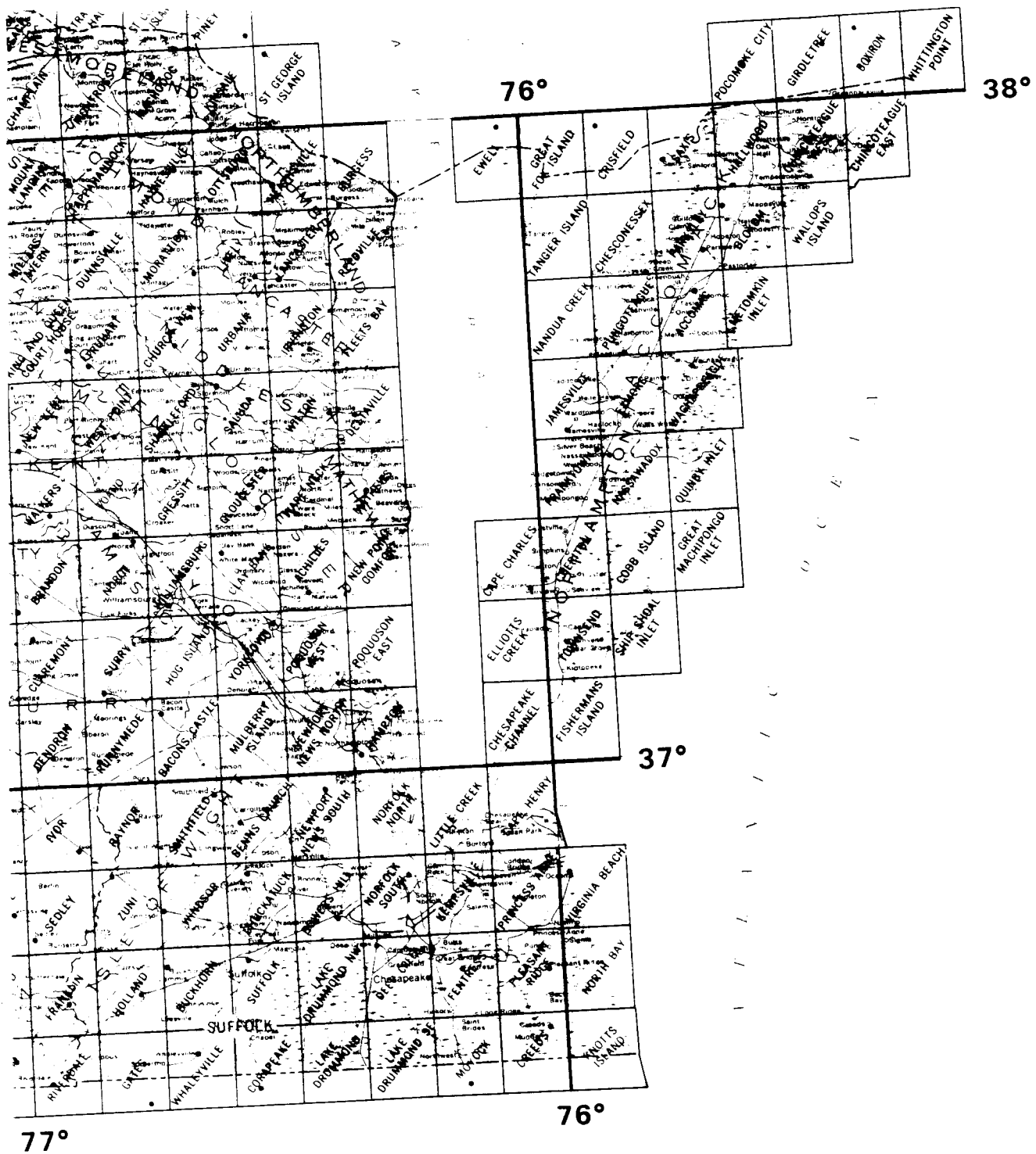
The U. S. Geological Survey 7.5 minute topographic quadrangles that cover the Virginia Barrier Islands (SEE FIGURE 1) are as follows:

<u>QUAD NAME</u>	<u>COVERAGE</u>
1. Fishermans Island:	Cape Charles Fishermans Inlet Fishermans Island Smith Island Inlet S Smith Island
2. Townsend:	Raccoon Island Skidmore Island Mid Smith Island Mockhorn Island
3. Ship Shoal Inlet:	Mid Smith Island Bungalow Inlet N Smith Island Little Inlet Myrtle Island Mink Island Ship Shoal Inlet Ship Shoal Island Goodwin Island New Inlet
4. Cheriton:	Mockhorn Island Oyster
5. Cobb Island:	N Wreck Island Sand Shoal Inlet Little Cobb Island S Cobb Island
6. Great Machipongo Inlet:	N Cobb Island Great Machipongo Inlet S Hog Island

- | | |
|------------------------|--|
| 7. Nassawadox: | Hog Island Bay
Red Banks
The Hammocks
Fowling Point
S Upshur Neck |
| 8. Quinby Inlet: | N Hog Island
Rouge Island
Quinby Inlet
Chimney Pole Marsh
S Parramore Island
S Revel Island |
| 9. Exmore: | Mid Upshur Neck
Bell Neck |
| 10. Wachapreague: | N Revel Island
Parramore Island
Wachapeague Inlet
S Cedar Island
Badford Neck |
| 11. Accomac: | W Cedar Island Marsh |
| 12. Metomkin Inlet: | N Cedar Island
Metomkin Inlet
S Metomkin Islands |
| 13. Bloxom: | N Metomkin Islands
Gartgathy Inlet
Assawoman Island
Assawoman Inlet
S Wallops Island |
| 14. Wallops Island: | S Assawoman Island
Chincoteague Inlet
Mid Wallops Island |
| 15. Chincoteague West: | N Wallops Island
Chincoteague Inlet
SW Chincoteague Island
Fishing Point |
| 16. Chincoteague East: | NE Chincoteague Island
S Assateague Island |

2.0 STUDY AREA MAPS

The LTER primary area of interest is outlined on the following map (SEE FIGURE 2).



INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1984

Virginia Index

FIG. 1

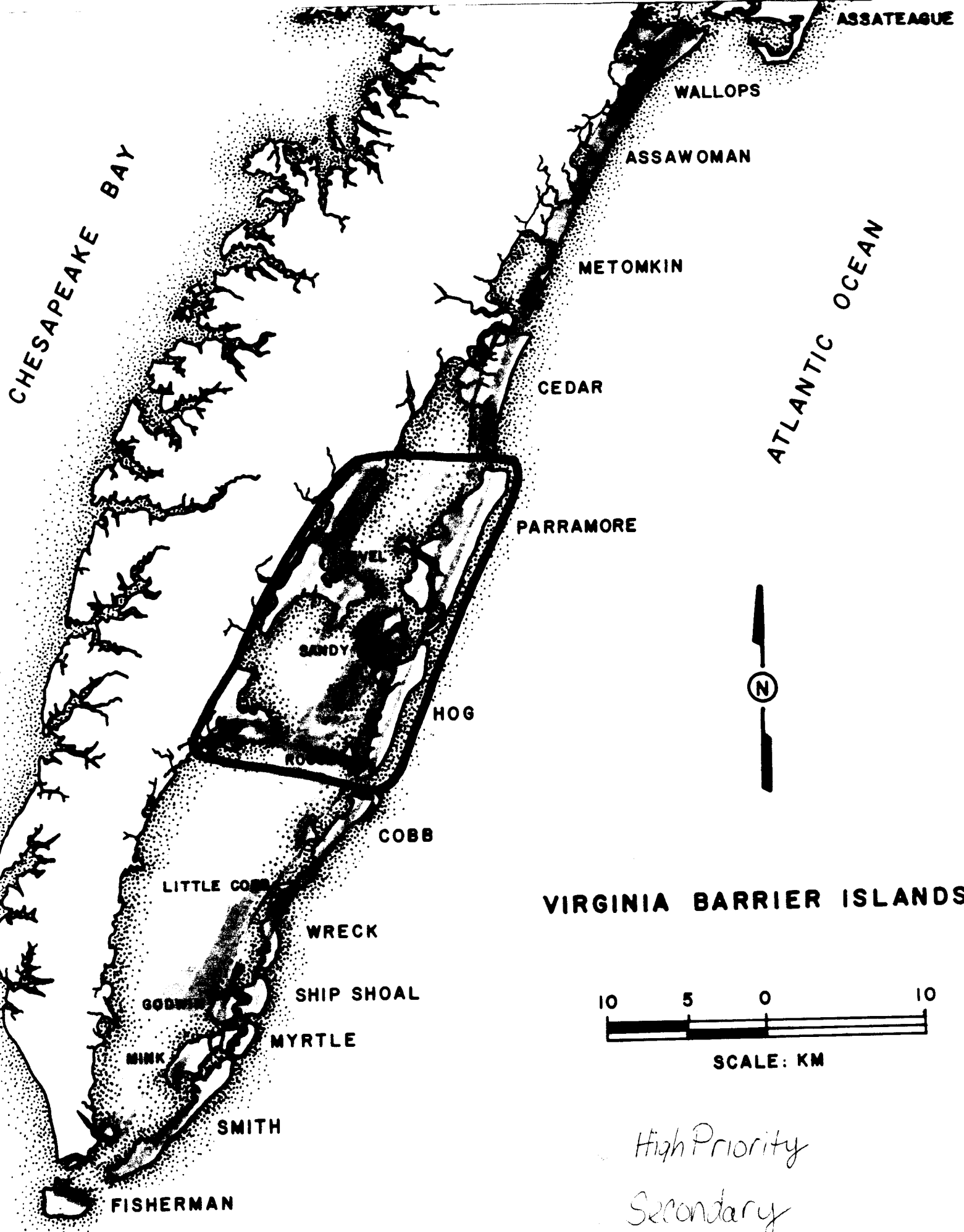


FIG. 2

3.0 IN HOUSE MAPS AND CHARTS

The maps and charts covering the Virginia Barrier Islands that are available within the Department's collection include:

YEAR: 1942
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: COBB ISLAND QUAD.
SOURCE: U S ARMY CORPS OF ENGINEERS

YEAR: 1942
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: COBB ISLAND QUAD.
SOURCE: USC&GS

YEAR: 1942
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: HOG ISLAND BAY
SOURCE: U S ARMY CORPS OF ENGINEERS

YEAR: 1942
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: SHIP SHOAL QUAD.
SOURCE: U S ARMY CORPS OF ENGINEERS

YEAR: 1942
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: WALLOPS QUAD.
SOURCE: U S ARMY CORPS OF ENGINEERS

YEAR: 1943
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: CHINCOTEAGUE WEST QUAD.
SOURCE: USC&GS

YEAR: 1955
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: CAPECHARLES QUAD.
SOURCE: USGS

YEAR: 1955
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: TOWNSEND QUAD.
SOURCE: USGS

YEAR: 1957
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: METOMKIN QUAD.
SOURCE: USGS

YEAR: 1957
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: WACHAPREAGUE QUAD.
SOURCE: USGS

YEAR: 1965
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: CHINCOTEAGUE EAST QUAD.
SOURCE: USGS

YEAR: 1965
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: CHINCOTEAGUE WEST QUAD.
SOURCE: USGS

YEAR: 1965
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: WALLOPS QUAD.
SOURCE: USGS

YEAR: 1968
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: FISHERMAN ISLAND QUAD.
SOURCE: USGS

YEAR: 1968
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: GREAT MACHIPONGO INLET QUAD.
SOURCE: USGS

YEAR: 1968
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: SHIP SHOAL QUAD.
SOURCE: USGS

YEAR: 1968
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: TOWNSEND QUAD.
SOURCE: USGS

YEAR: 1968
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: WACHAPREAGUE QUAD.
SOURCE: USGS

YEAR: 1973
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: NASSAWADOX QUAD.
SOURCE: USGS

YEAR: 1974
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: WACHCPREAGUE QUAD.
SOURCE: USGS

YEAR: 1979
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: ACCOMAC
SOURCE: USGS

YEAR: 1979
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: BLOXOM QUAD.
SOURCE: USGS

YEAR: 1979
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: SHIP SHOAL
SOURCE: USGS

YEAR: 1979
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: SHIP SHOAL QUAD.
SOURCE: USGS

YEAR: 1980
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: FISHERMAN ISLAND QUAD.
SOURCE: USGS

YEAR: 1980
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: GREAT MACHIPONGO INLET QUAD.
SOURCE: USGS

YEAR: 1980
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: METOMKIN QUAD.
SOURCE: USGS

YEAR: 1980
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: WALLOPS QUAD.
SOURCE: USGS

YEAR: 1982
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: TOWNSEND QUAD.
SOURCE: USGS

YEAR: 1986
TYPE: TOPOGRAPHIC & BATHYMETRIC
SCALE: 24000
AREA COVERED: CHERITON QUAD.
SOURCE: USGS

YEAR: 1986
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: CHINCOTEAGUE EAST QUAD.
SOURCE: USGS

YEAR: 1986
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: CHINCOTEAGUE WEST QUAD.
SOURCE: USGS

YEAR: 1986
TYPE: TOPOGRAPHIC & BATHYMETRIC
SCALE: 24000
AREA COVERED: COBB ISLAND QUAD.
SOURCE: USGS

YEAR: 1986
TYPE: TOPOGRAPHIC & BATHYMETRIC
SCALE: 24000
AREA COVERED: FISHERMAN ISLAND QUAD.
SOURCE: USGS

YEAR: 1988
TYPE: SHORELINE CHANGE
SCALE: 24000
AREA COVERED: VIRGINIA BARRIER CHAIN - 1852 TO PRESENT
SOURCE: U S ARMY CORPS OF ENGINEERS

4.0

MAPS AND CHARTS AVAILABLE AT ALDERMAN

The maps and charts that cover the Delmarva peninsula available in the Alderman library collection include:

YEAR: 1942
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: GREAT MACHIPONGO QUAD.
SOURCE: U S ARMY CORPS OF ENGINEERS

YEAR: 1942
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: MAPPSVILLE QUAD.
SOURCE: U S ARMY CORPS OF ENGINEERS

YEAR: 1949
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: SHIP SHOAL QUAD.
SOURCE: U S ARMY CORPS OF ENGINEERS

YEAR: 1957
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: METOMKIN QUAD.
SOURCE: USGS

YEAR: 1957
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: WACHAPREAGUE QUAD.
SOURCE: USGS

YEAR: 1965
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: CHINCOTEAGUE EAST QUAD.
SOURCE: USGS

YEAR: 1965
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: CHINCOTEAGUE WEST QUAD.
SOURCE: USGS

YEAR: 1965
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: WALLOPS QUAD.

SOURCE: USGS

YEAR: 1968
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: COBB ISLAND QUAD.
SOURCE: USGS

YEAR: 1968
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: FISHERMAN ISLAND QUAD.
SOURCE: USGS

YEAR: 1968
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: GREAT MACHIPONGO INLET QUAD.
SOURCE: USGS

YEAR: 1968
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: QUINBY INLET QUAD.
SOURCE: USGS

YEAR: 1968
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: SHIP SHOAL QUAD.
SOURCE: USGS

YEAR: 1968
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: WACHAPREAGUE QUAD.
SOURCE: USGS

YEAR: 1974
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: WACHCPREAGUE QUAD.
SOURCE: USGS

YEAR: 1979
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: CHINCOTEAGUE WEST QUAD.
SOURCE: USGS

YEAR: 1979
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: SHIP SHOAL QUAD.
SOURCE: USGS

YEAR: 1980
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: FISHERMAN ISLAND QUAD.
SOURCE: USGS

YEAR: 1980
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: GREAT MACHIPONGO INLET QUAD.
SOURCE: USGS

YEAR: 1980
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: WALLOPS QUAD.
SOURCE: USGS

YEAR: 1986
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: CHINCOTEAGUE EAST QUAD.
SOURCE: USGS

YEAR: 1986
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: CHINCOTEAGUE WEST QUAD.
SOURCE: USGS

YEAR: 1986
TYPE: TOPOGRAPHIC & BATHYMETRIC
SCALE: 24000
AREA COVERED: COBB ISLAND QUAD.
SOURCE: USGS

YEAR: 1986
TYPE: TOPOGRAPHIC & BATHYMETRIC
SCALE: 24000
AREA COVERED: FISHERMAN ISLAND QUAD.
SOURCE: USGS

YEAR: 1986
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: GREAT MACHIPONGO INLET QUAD.
SOURCE: USGS

YEAR: 1986
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: QUINBY INLET QUAD.
SOURCE: USGS

5.0 MAPS AND CHARTS AVAILABLE AT VIMS

The maps and charts that are included in the Virginia Institute of Marine Science's collection on the Delmarva Peninsula include:

YEAR: 1849
TYPE: TOPOGRAPHIC
SCALE: 10000
AREA COVERED: OCEANSIDE - CHINCOTEAGUE INLET AND ASSATEAGUE ISLAND
SOURCE: USC&GS

YEAR: 1849
TYPE: TOPOGRAPHIC
SCALE: 10000
AREA COVERED: OCEANSIDE - CHINCOTEAGUE AND ASSATEAGUE INLETS
SOURCE: USC&GS

YEAR: 1850
TYPE: HYDROGRAPHIC
SCALE: 40000
AREA COVERED: OCEANSIDE - ASSATEAGUE ISLAND
SOURCE: USC&GS

YEAR: 1851
TYPE: TOPOGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - CHINCOTEAGUE AND GARGATHY INLETS
SOURCE: USC&GS

YEAR: 1851
TYPE: HYDROGRAPHIC
SCALE: 40000
AREA COVERED: OCEANSIDE - CHINCOTEAGUE INLET
SOURCE: USC&GS

YEAR: 1851
TYPE: HYDROGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - CHINCOTEAGUE INLET
SOURCE: USC&GS

YEAR: 1852
TYPE: TOPOGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - GREAT MACHIPONGO INLET
SOURCE: USC&GS

YEAR: 1852
TYPE: TOPOGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - PARRAMORE INLET
SOURCE: USC&GS

YEAR: 1852
TYPE: TOPOGRAPHIC
SCALE: 10000
AREA COVERED: OCEANSIDE - SHIP SHOAL INLET
SOURCE: USC&GS

YEAR: 1852
TYPE: HYDROGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - GREAT MACHIPONGO INLET TO
WACHAPREAGUE INLET
SOURCE: USC&GS

YEAR: 1852
TYPE: HYDROGRAPHIC
SCALE: 40000
AREA COVERED: OCEANSIDE - GREAT MACHIPONGO INLET TO METOMKIN
INLET
SOURCE: USC&GS

YEAR: 1852
TYPE: HYDROGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - METOMKIN INLET
SOURCE: USC&GS

YEAR: 1852
TYPE: TOPOGRAPHIC
SCALE: 10000
AREA COVERED: OCEANSIDE - WACHAPREAGUE INLET
SOURCE: USC&GS

YEAR: 1853
TYPE: HYDROGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - SAND AND SHIP SHOAL INLET
SOURCE: USC&GS

YEAR: 1853
TYPE: HYDROGRAPHIC
SCALE: 40000
AREA COVERED: OCEANSIDE - SAND AND SHIP SHOAL INLET
SOURCE: USC&GS

YEAR: 1853
TYPE: TOPOGRAPHIC
SCALE: 10000
AREA COVERED: OCEANSIDE - SAND SHOAL
SOURCE: USC&GS

YEAR: 1854
TYPE: TOPOGRAPHIC
SCALE: 10000
AREA COVERED: OCEANSIDE - METOMKIN INLET
SOURCE: USC&GS

YEAR: 1855
TYPE: TOPOGRAPHIC
SCALE: 10000
AREA COVERED: OCEANSIDE - CHINCOTEAGUE AND GARGATHY INLETS
SOURCE: USC&GS

YEAR: 1857
TYPE: TOPOGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - CHINCOTEAGUE INLET
SOURCE: USC&GS

YEAR: 1859
TYPE: TOPOGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - ASSATEAGUE ISLAND
SOURCE: USC&GS

YEAR: 1862
TYPE: HYDROGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - METOMKIN INLET
SOURCE: USC&GS

YEAR: 1870
TYPE: HYDROGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - SAND & SHIP SHOAL INLET
SOURCE: USC&GS

YEAR: 1871
TYPE: TOPOGRAPHIC
SCALE: 10000
AREA COVERED: OCEANSIDE - SHIP SHOAL INLET
SOURCE: USC&GS

YEAR: 1871
TYPE: HYDROGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - LITTLE MACHIPONGO INLET
SOURCE: USC&GS

YEAR: 1871
TYPE: HYDROGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - GREAT MACHIPONGO INLET
SOURCE: USC&GS

YEAR: 1871
TYPE: TOPOGRAPHIC
SCALE: 10000
AREA COVERED: OCEANSIDE - WACHAPREAGUE AND LITTLE MACHIPONGO
INLETS
SOURCE: USC&GS

YEAR: 1880
TYPE: HYDROGRAPHIC
SCALE: 20000
AREA COVERED: CHINCOTEAGUE BAY
SOURCE: USC&GS

YEAR: 1887
TYPE: HYDROGRAPHIC
SCALE: 20000
AREA COVERED: CHINCOTEAGUE INLET
SOURCE: USC&GS

YEAR: 1887
TYPE: TOPOGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - CHINCOTEAGUE
SOURCE: USC&GS

YEAR: 1887
TYPE: TOPOGRAPHIC
SCALE: 10000
AREA COVERED: OCEANSIDE - CHINCOTEAGUE INLET
SOURCE: USC&GS

YEAR: 1888
TYPE: TOPOGRAPHIC
SCALE: 10000
AREA COVERED: OCEANSIDE - SAND SHOAL INLET AND MARSH
SOURCE: USC&GS

YEAR: 1888
TYPE: HYDROGRAPHIC
SCALE: 20000
AREA COVERED: BAY MOUTH - FISHERMAN ISLAND
SOURCE: USC&GS

YEAR: 1888
TYPE: TOPOGRAPHIC
SCALE: 10000
AREA COVERED: GREAT MACHIPONGO INLET
SOURCE: USC&GS

YEAR: 1888
TYPE: HYDROGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - GARGATHY AND METOMKIN INLETS
SOURCE: USC&GS

YEAR: 1904
TYPE: HYDROGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - CHINCOTEAGUE INLET
SOURCE: USC&GS

YEAR: 1906
TYPE: TOPOGRAPHIC
SCALE: 6000
AREA COVERED: BAY MOUTH - FISHERMAN ISLAND
SOURCE: USC&GS

YEAR: 1907
TYPE: TOPOGRAPHIC
SCALE: 6000
AREA COVERED: BAY MOUTH - FISHERMAN ISLAND
SOURCE: USC&GS

YEAR: 1908
TYPE: TOPOGRAPHIC
SCALE: 20000
AREA COVERED: ASSATEAGUE ISLAND AND CHINCOTEAGUE BAY
SOURCE: USC&GS

YEAR: 1908
TYPE: TOPOGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - CHINCOTEAGUE INLET
SOURCE: USC&GS

YEAR: 1910
TYPE: TOPOGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - GARGATHY AND METOMKIN INLETS
SOURCE: USC&GS

YEAR: 1911
TYPE: HYDROGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - SHIP SHOAL INLET AND SMITH ISLAND
SOURCE: USC&GS

YEAR: 1911
TYPE: HYDROGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - SAND SHOAL AND GREAT MACHIPONGO
SOURCE: USC&GS

YEAR: 1911
TYPE: TOPOGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - GREAT MACHIPONGO AND SAND SHOAL
INLETS
SOURCE: USC&GS

YEAR: 1911
TYPE: HYDROGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - CHINCOTEAGUE INLET
SOURCE: USC&GS

YEAR: 1911
TYPE: TOPOGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - SHIP SHOAL AND CAPE CHARLES
SOURCE: USC&GS

YEAR: 1911
TYPE: HYDROGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - WACHAPREAGUE AND LITTLE MACHIPONGO
INLETS
SOURCE: USC&GS

YEAR: 1914
TYPE: TOPOGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - WACHAPREAGUE AND LITTLE MACHIPONGO
INLETS
SOURCE: USC&GS

YEAR: 1914
TYPE: TOPOGRAPHIC
SCALE: 10000
AREA COVERED: OCEANSIDE - PARRAMORE ISLAND
SOURCE: USC&GS

YEAR: 1914
TYPE: TOPOGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - CHINCOTEAGUE INLET
SOURCE: USC&GS

YEAR: 1915
TYPE: TOPOGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - WACHAPREAGUE INLET
SOURCE: USC&GS

YEAR: 1915
TYPE: TOPOGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - CHINCOTEAGUE INLET
SOURCE: USC&GS

YEAR: 1915
TYPE: HYDROGRAPHIC
SCALE: 20000
AREA COVERED: CHINCOTEAGUE BAY
SOURCE: USC&GS

YEAR: 1920
TYPE: TOPOGRAPHIC
SCALE: 24000
AREA COVERED: CHINCOTEAGUE
SOURCE: USC&GS

YEAR: 1933
TYPE: TOPOGRAPHIC
SCALE: 20000
AREA COVERED: ASSATEAGUE ISLAND
SOURCE: USC&GS

YEAR: 1934
TYPE: HYDROGRAPHIC
SCALE: 20000
AREA COVERED: WACHAPREAGUE TO CHINCOTEAGUE
SOURCE: USC&GS

YEAR: 1934
TYPE: HYDROGRAPHIC
SCALE: 20000
AREA COVERED: OCEANSIDE - PARRAMORE
SOURCE: USC&GS

YEAR: 1934
TYPE: HYDROGRAPHIC
SCALE: 10000
AREA COVERED: OCEANSIDE - CHINCOTEAGUE BAY
SOURCE: USC&GS

6.0 MAPS AND CHARTS AVAILABLE AT THE NATIONAL ARCHIVES

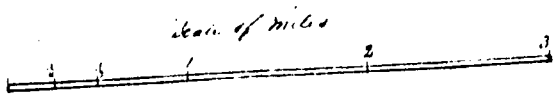
The National Archives has a collection of historic maps and charts at the Pickett Street, Alexandria annex. The collection contains the following U.S. Coast and Geodetic Survey (C&GS) navigation (bathymetric) charts:

<u>SERIES - COVERAGE</u>	<u>MAP DATE AND VERSION</u>
128 - ISLE OF WIGHT TO CHINCOTEAGUE INLET	1866, 1 1866, 2 1866, 3 1877, 2 1882, 3 1882/1884 1890, 4 1890, 7 1890, 8 1910, 5
129 - CHINCOTEAGUE INLET TO HOG ISLAND	1882, 3 1882/1884 1892, 4
130 - HOG ISLAND TO CAPE HENRY	1875, 1 1877/1884 1880 1889, 3 1891, 4 1907, 5 1911, 6
131 - CHESAPEAKE BAY YORK RIVER TO ENTRANCE	1859, 2 1863, 1 1872, 2 1877/1884 1877/1880, 3 1880 1886 1886, 4 1889, 5 1890, 6 1899, 7 1905 1911, 8 1911, 9

There are also two soils maps from the U. S. Department of Agriculture Bureau of Soils. They both are from 1917; one covers Accomac County, and the other covers North Hampton County.

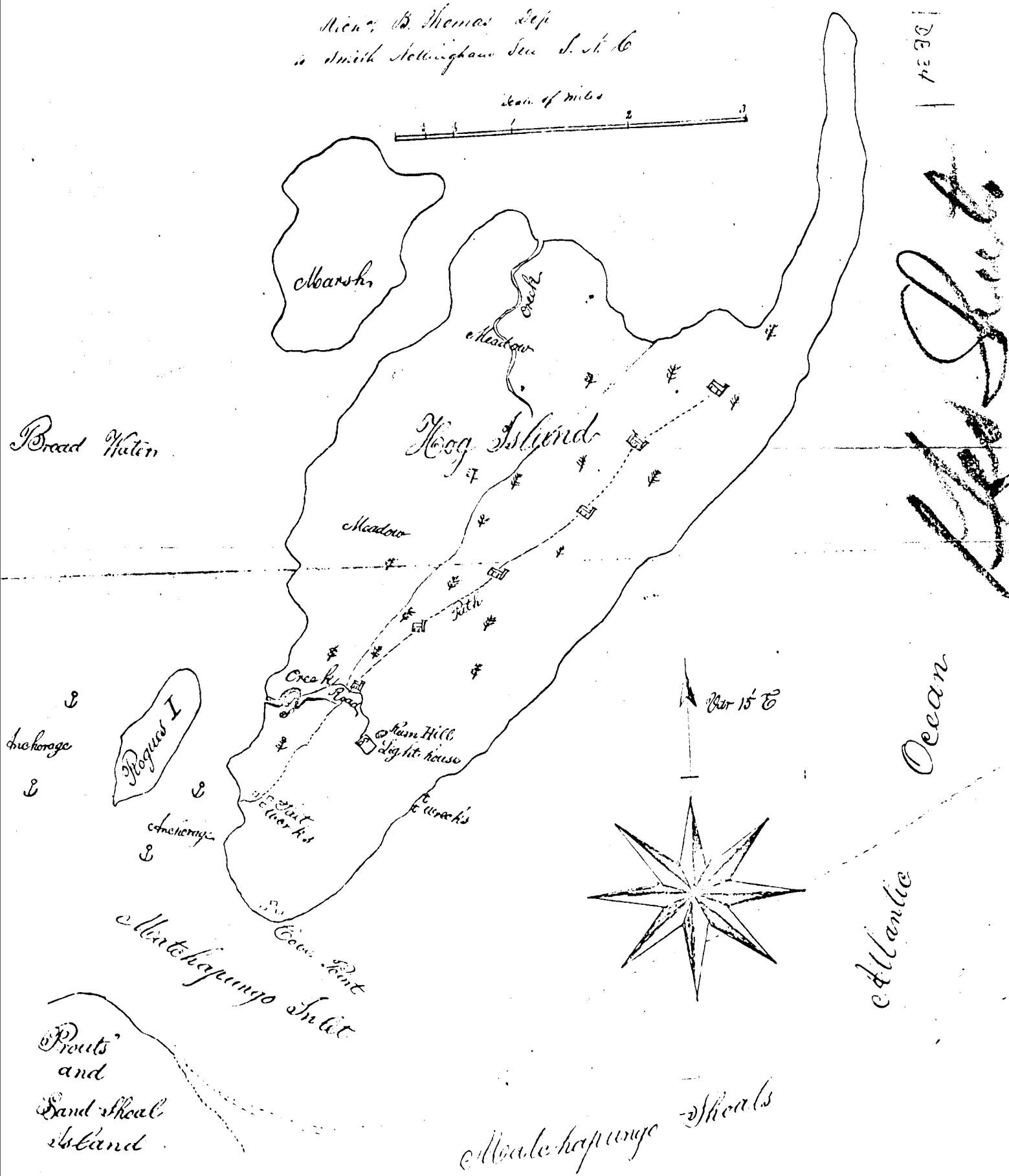
Sketch of Hog Island in the County of Northampton on the Eastern Shore of Virginia... showing
position of the Light house and the road leading to it from the Wharf at Sea on the West Side of the
Island July 4th 1851

Richd. B. Thomas Esq
of Smith Northampton Sea I. N. C.



DE 34

[Handwritten signature]



Atlantic Ocean

FIG. 3

7.0 MICELLANEOUS MAPS AND CHARTS

SEE APPENDIX A for more information on hydrographic survey coverage of the Delmarva Peninsula.

7.1 NOS/NOAA AND CORPS STUDY

The National Ocean Survey in cooperation with the Army Corps of Engineers produced a series of maps of historic shorelines in their joint **Shoreline Movement Study**. We have the **Cape Henlopen, DE - Cape Charles, VA** set. Each map covers the same area as the corresponding USGS 7.5 minute quadrangle map.

7.2 HOG MAP

SEE FIGURE 3 for an old hand drawn map of Hog obtained from the Nature Conservancy at Brownsville.

II. AERIAL PHOTOGRAPHY

1.0 IN HOUSE PHOTO ARCHIVES

The IN HOUSE VIRGINIA BARRIER ISLANDS AERIAL PHOTOGRAPHY ARCHIVES is housed in Clark Hall, Room 101, and consists of the following:

TITLE: HOG (EXCEPT NORTH END)
DATE: 42APR
SCALE: 20000
MEDIUM: BLACK & WHITE PRINTS
FLIGHT: US ARMY AIR CORPS
FRAMES: 4.165, 4.166
SOURCE: BROWNSVILLE
LOCATION: FILING CABINET CLK101 (ODD SIZED)

TITLE: FISHERMANS TO SMITH
DATE: 42OCT06
SCALE: 10000
MEDIUM: BLACK & WHITE PRINTS
FLIGHT: USAF 6A406
FRAMES: 157.26 TO 157.41
SOURCE: NATIONAL ARCHIVES
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: S. SMITH TO WRECK
DATE: 49FEB03
SCALE: 20000
MEDIUM: BLACK & WHITE PRINTS
FLIGHT: ANP-1E
FRAMES: 22-31, 34-37, 96-100
SOURCE: ASCS
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: S. SMITH TO FISHERMANS
DATE: 49FEB17
SCALE: 20000
MEDIUM: BLACK & WHITE PRINTS
FLIGHT: ANP-2E
FRAMES: 34-37, 40-42
SOURCE: ASCS
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: WRECK TO S. PARRAMORE
DATE: 49FEB17
SCALE: 20000
MEDIUM: BLACK & WHITE PRINTS
FLIGHT: ANP-2E
FRAMES: 55-60, 93-98, 102-110, 124-131
SOURCE: ASCS
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: CEDAR TO WALLOPS
DATE: 49MAR03
SCALE: 39000
MEDIUM: BLACK & WHITE PRINTS
FLIGHT: 49-0
FRAMES: 566-575
SOURCE: C&GS
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: N. HOG TO MID PARRAMORE
DATE: 49MAR13
SCALE: 20000
MEDIUM: BLACK & WHITE PRINTS
FLIGHT: ANO-1E
FRAMES: 92-93, 170-177
SOURCE: ASCS
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: FISHERMANS
DATE: 49MAY14
SCALE: 20000
MEDIUM: BLACK & WHITE PRINTS
FLIGHT: ANP-3E
FRAMES: 13-16
SOURCE: ASCS
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: MID PARRAMORE TO ASSAWOMAN
DATE: 49NOV09
SCALE: 20000
MEDIUM: BLACK & WHITE PRINTS
FLIGHT: ANO-4E
FRAMES: 30-37, 45-52, 96-102, 105-111
SOURCE: ASCS
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: WALLOPS
DATE: 49NOV23
SCALE: 20000
MEDIUM: BLACK & WHITE PRINTS
FLIGHT: ANO-5E
FRAMES: 44-45, 73-77
SOURCE: ASCS
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: FISHERMANS TO ASSAWOMAN
DATE: 55MAR14
SCALE: 20000
MEDIUM: BLACK & WHITE PRINTS
FLIGHT: 55-W
FRAMES: 4579-4620, 4321
SOURCE: C&GS
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: PARRAMORE
DATE: 59OCT05
SCALE: 25000
MEDIUM: BLACK & WHITE PRINTS
FLIGHT: 59-W
FRAMES: 9532-9537
SOURCE: C&GS
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: N. ASSAWOMAN TO WALLOPS
DATE: 59OCT05
SCALE: 25000
MEDIUM: BLACK & WHITE PRINTS
FLIGHT: 59-W
FRAMES: 9450-9453, 9476-9477
SOURCE: C&GS
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: CEDAR TO ASSAWOMAN (EXCEPT N. TIP)
DATE: 62NOV30
SCALE: 5000
MEDIUM: BLACK & WHITE PRINTS
FLIGHT: AF-62-7
FRAMES: LINE 8: 1-62
SOURCE: NATIONAL ARCHIVES - USAF
LOCATION: FILING CABINET CLK101 (9x18's)

TITLE: FISHERMANS TO MYRTLE
DATE: 62DEC02
SCALE: 5000
MEDIUM: BLACK & WHITE PRINTS
FLIGHT: AF-62-7
FRAMES: LINE 6: 1063-1107
SOURCE: NATIONAL ARCHIVES - USAF
LOCATION: FILING CABINET CLK101 (9x18's)

TITLE: SHIP SHOAL TO PARRAMORE
DATE: 62DEC02
SCALE: 5000
MEDIUM: BLACK & WHITE PRINTS
FLIGHT: AF-62-7
FRAMES: LINE 7: 1108-1207
SOURCE: NATIONAL ARCHIVES - USAF
LOCATION: FILING CABINET CLK101 (9x18's)

TITLE: MYRTLE TO SMITH
DATE: 63JAN23
SCALE: 5000
MEDIUM: BLACK & WHITE PRINTS
FLIGHT: AF-62-7
FRAMES: LINE 28: 2041-2074
SOURCE: NATIONAL ARCHIVES - USAF
LOCATION: FILING CABINET CLK101 (9x18's)

TITLE: DELMARVA (INCLUDING ASSATEAGUE)
DATE: 70SEP22
SCALE: 60000
MEDIUM: COLOR INFRARED TRANSPARENCIES
FLIGHT: MSN 144 SITE 244
FRAMES: 290-294, 297, 385-415, 503-520
SOURCE: NASA
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: MID ATLANTIC COAST
DATE: 71OCT12
SCALE:
MEDIUM: BLACK & WHITE STRIP TRANSPARENCIES
FLIGHT: MSN 187, FLT 9, SITE 224
FRAMES: ROLL 23
SOURCE: NASA-MSC
LOCATION: FILM ROOM (2.5" SPOOL)

TITLE: MID ATLANTIC COAST
DATE: 71OCT13
SCALE:
MEDIUM: BLACK & WHITE STRIP TANSARENCIES
FLIGHT: MSN 187, FLT 10, SITE 224
FRAMES: ROLL 38
SOURCE: NASA-MSC
LOCATION: FILM ROOM (2.5" SPOOL)

TITLE: DELMARVA (INCLUDING ASSATEAGUE) **OLD & FADED**
DATE: 72-73 **EXACT DATE UNKNOWN**
SCALE: 120000
MEDIUM: COLOR INFRARED TRANSPARENCIES
FLIGHT: MX-014C, 208, 209
FRAMES: 42 FRAMES
SOURCE: NASA
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: COBB TO S. CEDAR
DATE: 72NOV01
SCALE: 131000
MEDIUM: COLOR INFRARED PRINTS
FLIGHT: 01531, FLT. 73-185
FRAMES: 5582-5583
SOURCE: NASA-AMES
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: HOG AND PARRAMORE, BRADFORD NECK TO OYSTER
DATE: 72DEC02
SCALE: 131000
MEDIUM: COLOR INFRARED PRINTS
FLIGHT: 00843, FLT. 72-028
FRAMES: 6463, 6469, 6470
SOURCE: NASA-AMES
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: HOG & PARRAMORE, PHILLIPS CREEK & FOWLING POINT
DATE: 72DEC02
SCALE: 131000
MEDIUM: COLOR INFRARED PRINTS
FLIGHT: 72208A
FRAMES: 8436463, 8436469, 8436470
SOURCE: NASA - AMES
LOCATION: MAP CASE (24x24's)

TITLE: SLAR: HYDRO & TERRAIN ANALYSIS: DELMARVA PENINSULA
DATE: 73AUG30
SCALE: 1374000
MEDIUM: DIGITAL DATA OVER BLACK AND WHITE TRANSPARENCIES
FLIGHT: MSN W249, FLT 3
FRAMES: W2490301, STRIP FILM
SOURCE: NASA-WA
LOCATION: FILM ROOM (CANISTER)

TITLE: COBB TO S. CEDAR
DATE: 73OCT31
SCALE: 131000
MEDIUM: COLOR INFRARED PRINTS
FLIGHT: 73185A
FRAMES: 15315582, 15315583
SOURCE: NASA-AMES
LOCATION: MAP CASE (24x24's)

TITLE: CHESAPEAKE BAY
DATE: 73NOV01
SCALE: 250000
MEDIUM: COLOR INFRARED SLIDES
FLIGHT:
FRAMES: W2450103, 136 FRAMES
SOURCE: NASA-WA
LOCATION: FILM ROOM (SLIDES)

TITLE: CAPE CHARLES TO CAPE HENLOPEN **VEG MAP PHOTOS**
DATE: 74JUN04
SCALE: 12000
MEDIUM: COLOR INFRARED STRIP TRANSPARENCIES
FLIGHT: 2443, JSC 75-1125A
FRAMES: W2710101: 0009-0134
SOURCE: NASA (FROM TOM RICE)
LOCATION: FILM ROOM (CANISTER)

TITLE: HOG **VEG MAP PHOTOS**
DATE: 74JUN04
SCALE: 12000
MEDIUM: COLOR INFRARED PRINTS
FLIGHT: 2443, JSC 75-1125A
FRAMES: W2710101: 103, 105, 107, 109
SOURCE: NASA (FROM TOM RICE)
LOCATION: MAP CASE (24x24's)

TITLE: CAPE CHARLES TO CAPE HENLOPEN **VEG MAP PHOTOS**
DATE: 74JUN04
SCALE: 12000
MEDIUM: COLOR INFRARED PRINTS
FLIGHT: 2443, JSC 75-1125A
FRAMES: W2710101: 0009-0134
SOURCE: NASA (FROM TOM RICE)
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: SLAR: HYDRO & TERRAIN ANALYSIS: DELMARVA PENINSULA
DATE: 74AUG26
SCALE: 1000000
MEDIUM: DIGITAL DATA OVER BLACK & WHITE TRANSPARENCIES
FLIGHT: MSN W287, FLT 1
FRAMES: W2870101, STRIP FILM
SOURCE: NASA-WA
LOCATION: FILM ROOM (CANISTER)

TITLE: COBB ISLAND TO CAPE HENLOPEN, DE
DATE: 74DEC04
SCALE: 250000
MEDIUM: COLOR INFRARED SLIDES
FLIGHT: MSN 317, FLT 1
FRAMES: W3170101, 106 FRAMES
SOURCE: NASA-WA
LOCATION: FILM ROOM (SLIDES)

TITLE: CAPE HENLOPEN, DE TO NAGS HEAD, NC
DATE: 75SEP05
SCALE: 250000
MEDIUM: COLOR INFRARED SLIDES
FLIGHT:
FRAMES: W3450101, 135 FRAMES
SOURCE: NASA-WA
LOCATION: FILM ROOM (SLIDES)

TITLE: N. SHIP SHOAL TO MID CEDAR
DATE: 76FEB25
SCALE: 131000
MEDIUM: COLOR INFRARED PRINTS
FLIGHT: 76023A
FRAMES: 22994771-22994772
SOURCE: NASA-AMES
LOCATION: MAP CASE (24x24's)

TITLE: CEDAR TO N. COBB
DATE: 76FEB25
SCALE: 131000
MEDIUM: COLOR INFRARED PRINTS
FLIGHT: 02299, FLT. 76-023
FRAMES: 4771-4772
SOURCE: NASA-AMES
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: CAPE HENLOPEN TO CAPE CHARLES
DATE: 76MAY22
SCALE: 130000
MEDIUM: COLOR INFRARED PRINTS
FLIGHT: 02325 FLT:76-073
FRAMES: 4894-4913
SOURCE: NASA
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: METOMKIN ISLAND TO S. OF CAPE HENLOPEN
DATE: 76AUG11
SCALE: 20000
MEDIUM: BLACK & WHITE STRIP TRANSPARENCIES
FLIGHT: MSN 383, FLT 1
FRAMES: W3830101/201/301
SOURCE: NASA-WA
LOCATION: FILM ROOM (CANISTER)

TITLE: N. SMITH TO S. CEDAR
DATE: 76AUG30
SCALE: 130000
MEDIUM: COLOR INFRARED PRINTS
FLIGHT: 02416, FLT 76-142
FRAMES: 0505-0507
SOURCE: NASA-AMES
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: MYRTLE TO PARRAMORE
DATE: 76AUG30
SCALE: 129000
MEDIUM: COLOR INFRARED PRINTS
FLIGHT: 76142A
FRAMES: 24160505-24160507
SOURCE: NASA-AMES
LOCATION: MAP CASE (24x24's)

TITLE: DELMARVA PENINSULA
DATE: 76AUG30
SCALE: 130000
MEDIUM: COLOR INFRARED STRIP TRANSPARENCIES
FLIGHT: 76-142
FRAMES: 125 FRAMES
SOURCE: NASA-AMES
LOCATION: FILM ROOM (CANISTER)

TITLE: VBI STUDY AREA
DATE: 77SEP13
SCALE: 12000
MEDIUM: BLACK & WHITE PRINTS
FLIGHT: 77-A
FRAMES: LINES 125-133, 126 FRAMES
SOURCE: USCE
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: VBI BEACHES
DATE: 79SEP30
SCALE: 12000
MEDIUM: COLOR PRINTS
FLIGHT: 79-L
FRAMES: LINES 129-133: 118 FRAMES
SOURCE: USCE
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: VBI STUDY AREA
DATE: 79SEP30
SCALE: 12000
MEDIUM: COLOR PRINTS
FLIGHT: 79-L
FRAMES: LINES 126-133: 125 FRAMES
SOURCE: USCE
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: HOG & PARRAMORE, FOWLING POINT & UPSHUR NECK
DATE: 82APR24
SCALE: 58000
MEDIUM: COLOR INFRARED PRINTS
FLIGHT: 325, NHAP '81
FRAMES: 377403: 106, 108, 124, 126, 127, 129 (4)
SOURCE: NASA-AMES
LOCATION: MAP CASE (24x24's)

TITLE: HOG
DATE: 82APR24
SCALE: 58000
MEDIUM: COLOR INFRARED PRINTS
FLIGHT: 325, NHAP'81
FRAMES: 129 (2 COPIES)
SOURCE: USGS-EROS
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: HOG AND PARRAMORE, BROWNSVILLE AND UPSHUR NECK
DATE: 82APR24
SCALE: 58000
MEDIUM: COLOR INFRARED TRANSPARENCIES
FLIGHT: 325, NHAP'81
FRAMES: 106, 108, 124-125, 126 (2), 127-128, 129 (2)
SOURCE: USGS-EROS
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: PARRAMORE TO CEDAR
DATE: 83APR17
SCALE: 58000
MEDIUM: COLOR INFRARED PRINTS
FLIGHT: 721, NHAP '81
FRAMES: 377404: 10, 12
SOURCE: NASA-AMES
LOCATION: MAP CASE (24x24'S)

TITLE: CEDAR TO N. PARRAMORE
DATE: 83APR17
SCALE: 58000
MEDIUM: COLOR INFRARED PRINTS
FLIGHT: 721, NHAP '81
FRAMES: 10, 12
SOURCE: USGS-EROS
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: VBI STUDY AREA
DATE: 85APR19
SCALE: 12000
MEDIUM: COLOR PRINTS
FLIGHT: 85-C
FRAMES: LINES 12-14, 16-18: 63 FAMES
SOURCE: USCE
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: VBI BEACHES
DATE: 85JUN20
SCALE: 12000
MEDIUM: BLACK & WHITE PRINTS
FLIGHT: 85-C
FRAMES: LINES 15-19: 119 FRAMES
SOURCE: USCE
LOCATION: FILING CABINET CLK 101 (9x9'S)

TITLE: CEDAR ISLAND
DATE: 86APR28
SCALE:
MEDIUM: COLOR PRINTS
FLIGHT:
FRAMES: 9 FRAMES
SOURCE: VIMS
LOCATION: FILING CABINET CLK101 (8x8'S)

TITLE: COBB TO ASSAWOMAN
DATE: 86JUL05
SCALE: 68000
MEDIUM: COLOR INFRARED PRINTS
FLIGHT: 86160A
FRAMES: 3574: 2673-2676, 2899-2903, 2904(2), 2905
SOURCE: NASA-AMES
LOCATION: MAP CASE (24x24's)

TITLE: COBB TO ASSAWOMAN
DATE: 86JUL05
SCALE: 68000
MEDIUM: COLOR INFRARED PRINTS
FLIGHT: 03574, FLT. 86-160
FRAMES: 2673-2676, 2899-2905
SOURCE: NASA-AMES
LOCATION: FILING CABINET CLK 101 (9x9's)

TITLE: SMITH
DATE: 88MAY27
SCALE: 7400
MEDIUM: COLOR PRINTS
FLIGHT: UVA-88
FRAMES: 24 FRAMES
SOURCE: VIMS
LOCATION: FILING CABINET CLK 101 (8x8's)

TITLE: CEDAR
DATE: 88MAY27
SCALE: 7400
MEDIUM: COLOR PRINTS
FLIGHT: UVA-88
FRAMES: 21 FRAMES
SOURCE: VIMS
LOCATION: FILING CABINET CLK 101 (8x8's)

TITLE: MYRTLE
DATE: 88MAY27
SCALE: 7400
MEDIUM: COLOR PRINTS
FLIGHT: UVA-88
FRAMES: 8 FRAMES
SOURCE: VIMS
LOCATION: FILING CABINET CLK 101 (8x8's)

TITLE: FISHERMANS
DATE: 88MAY27
SCALE: 7400
MEDIUM: COLOR PRINTS
FLIGHT: UVA-88
FRAMES: 18 FRAMES
SOURCE: VIMS
LOCATION: FILING CABINET CLK 101 (8x8's)

TITLE: SHIP SHOAL
DATE: 88MAY27
SCALE: 7400
MEDIUM: COLOR PRINTS
FLIGHT: UVA-88
FRAMES: 5 FRAMES
SOURCE: VIMS
LOCATION: FILING CABINET CLK 101 (8x8's)

TITLE: WEBBS ISLAND TO CATS BRIDGE
DATE: 88MAY27
SCALE: 7400
MEDIUM: COLOR PRINTS
FLIGHT: UVA-88
FRAMES: 29 FRAMES
SOURCE: VIMS
LOCATION: FILING CABINET CLK 101 (8x8's)

TITLE: S. PARRAMORE TO FOWLING POINT
DATE: 88MAY27
SCALE: 7400
MEDIUM: COLOR PRINTS
FLIGHT: UVA-88
FRAMES: 27 FRAMES
SOURCE: VIMS
LOCATION: FILING CABINET CLK 101 (8x8's)

TITLE: WRECK & METOMMKIN (BOTH INCOMPLETE)
DATE: 88MAY27
SCALE: 7400
MEDIUM: COLOR PRINTS
FLIGHT: UVA-88
FRAMES: 13 FRAMES
SOURCE: VIMS
LOCATION: FILING CABINET CLK 101 (8x8's)

TITLE: PARRAMORE
DATE: 88MAY27
SCALE: 7400
MEDIUM: COLOR PRINTS
FLIGHT: UVA-88
FRAMES: 27 FRAMES
SOURCE: VIMS
LOCATION: FILING CABINET CLK 101 (8x8's)

TITLE: HOG
DATE: 88MAY27
SCALE: 7400
MEDIUM: COLOR PRINTS
FLIGHT: UVA-88
FRAMES:
SOURCE: VIMS
LOCATION: FILING CABINET CLK 101 (8x8's)

TITLE: LITTLE COBB & COBB
 DATE: 88MAY27
 SCALE: 7400
 MEDIUM: COLOR PRINTS
 FLIGHT: UVA-88
 FRAMES: 25 FRAMES
 SOURCE: VIMS
 LOCATION: FILING CABINET CLK 101 (8x8's)

TITLE: ASSAWOMAN AND WALLOPS
 DATE: 88MAY27
 SCALE: 7400
 MEDIUM: COLOR PRINTS
 FLIGHT: UVA-88
 FRAMES: 36 FRAMES
 SOURCE: VIMS
 LOCATION: FILING CABINET CLK 101 (8x8's)

TITLE: S. PARAMORE TO N. SHORT PRONG MARSH
 DATE: 88MAY27
 SCALE: 7400
 MEDIUM: COLOR PRINTS
 FLIGHT: UVA-88
 FRAMES: 30 FRAMES
 SOURCE: VIMS
 LOCATION: FILING CABINET CLK 101 (8x8's)

2.0 FLIGHT LINES AND PHOTO INDICES

The archives of flight line index maps (maps with the line of flight plotted and locations of various frames) and photo indices (actual photo-mosaics as an index) are in the map case in Clark 101.

*** UNITED STATES COAST AND GEODETIC SURVEY (USC&GS)**

We have the following flight line index maps for the Delmarva Peninsula:

	<u>INDEX #</u>	<u>DATE</u>	<u>FLIGHTS</u>
o	134-C	3/1/60	49-O 51-J 52-J 55-W
o	134-C	9/27/61	61-W(C)
o	134-C4	11/28/62	62-S
o	134-C3	3/13/63	60-L 62-L
o	134-C2	4/1/65	60-S 61-S

			61-W
			62-W
o	134-C2	1/1/67	62-S (C)
			62-W (C)
			66-L (C)
			66-W (C)
o	134-C6	8/1/67	67-M
	134-C3	1/1/69	68-E (C)
			68-L (C)

* **NATIONAL OCEAN SURVEY (NOS)**
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA)

We have the following flight line index maps the Virginia Coast:

	<u>INDEX #</u>	<u>DATE</u>	<u>FLIGHTS</u>
o	134-CF	1/1/74	69-E (C)
			70-E (C)
			71-E (C)
			72-L (C)
			73-L (C)
o	134-CF2	1/1/80	74-E (C)
			75-B (C)
			76-C (C)
			79-B (C)
o	134-CF2	1/81	77-C
			77-E
			78-YP
			79-BP
			79-CP
			80-EP
o	134-CF3	1/83	80-ZC
			80-EC
o	134-CF4	6/86	83-BC
			85-ZC

* **UNITED STATES NAVY (USN)**

We have a flight line index map covering the Virginia Barrier Islands for photos flown:

- o DECEMBER 58
- o 6 JULY 62
- o 23 JULY 62

* UNITED STATES GEOLOGICAL SURVEY (USGS)

We have the following:

- o General index map of the National High Altitude Program (NHAP) availability for the United States: 1980 - 1986
- o Flight line index maps for NHAP 81: 1981 - 1983, for
 - Northampton County: rolls 313
325
 - Accomac County: rolls 325
445
721
585
327
- o Microfiche printout of flight line index map for NHAP 81 covering the Delmarva Peninsula, for
 - Roll 232 (4/82)
 - Rolls 310 & 312 (4/83)
- o Microfiche and printouts for NHAP 81 covering the Delmarva Peninsula, for
 - Roll 445 (4/81)
 - Roll 585 (3/82)
 - Roll 325 (4/82)
 - Roll 327 (4/82)
 - Roll 715 (3/83)
 - Roll 721 (4/83)

* AGRICULTURAL ADJUSTMENT ADMINISTRATION (AAA)
UNITED STATES DEPARTMENT OF AGRICULTURE (USDA)

We have photo index sheets for:

- o NORTHAMPTON COUNTY 1938

* AGRICULTURE STABILIZATION AND CONSERVATION SERVICE (ASCS)
UNITED STATES DEPARTMENT OF AGRICULTURE (USDA)

We have flight line maps and photo indices on aperture cards and print outs from the cards for:

- o 1949 ANO (ACCOMAC COUNTY)
ANP (NORTH HAMPTON COUNTY)
- o 1957 ANO (ACCOMAC COUNTY)
ANP (NORTH HAMPTON COUNTY)

* VIRGINIA DEPARTMENT OF TRANSPORTATION (VADOT)

We have photo index sheets for:

- o DECEMBER 1972 NORTH HAMPTON COUNTY
(FISHERMANS TO S. PARRAMORE)
- o JULY 1978 ACCOMAC COUNTY
(N. HOG TO S. WALLOPS)
- o FEBRUARY 1986 ACCOMAC COUNTY
(PARRAMORE TO WALLOPS)

* UNITED STATES ARMY CORPS OF ENGINEERS (USACE)

We have flight line index maps for flights over the Delmarva Peninsula for:

- o 1977
- o 1979
- o 1982
- o 1985

3.0 SATELLITE IMAGERY

We have Black & White paper copies of the NASA-ERTS (Earth Resources Technology Satellite) imagery covering the Delmarva Peninsula for:

- o 22MAY75
- o 12MAY75
- o 30MAY75
- o 31MAY75
- o 18JUN75
- o 07FEB76
- o 25FEB76
- o 01APR76
- o 05AUG76
- o 23AUG76
- o 28SEP76
- o 16OCT76
- o 21NOV76
- o 29NOV76
- o 09DEC76
- o 01FEB77

4.0 NCIC MICROFICHE LISTING

SEE APPENDIX B for a copy of the National Cartographic Information Center's microfiche listing of available aerial photographs

covering the Virginia Barrier Islands.

5.0 TIDAL INLETS LISTING

SEE APPENDIX C for a copy of a listing of Aerial Photographs covering the tidal inlets of the Virginia Barrier Islands.

6.0 USAF PHOTOS AT THE NATIONAL ARCHIVES

The following photos are listed in the National Archives flight line directory. These are all old photos, and in some cases have not been very well preserved. There are some that have deteriorated completely and therefore are not attainable.

COVERAGE: HOG
DATE: 02NOV40
SCALE: 10,500
MEDIUM: B&W
ROLL NUMBER: A2591
FRAMES: vv1-83
MEDIUM: B&W
SOURCE: NATIONAL ARCHIVES

COVERAGE: N COBB TO S PARRAMORE
DATE: 15MAY41
SCALE: 11,000
MEDIUM: B&W
ROLL NUMBER:
FRAMES: vv
MEDIUM: B&W
SOURCE: NATIONAL ARCHIVES

COVERAGE: HOG
DATE: 15MAY41
SCALE: 27,000
MEDIUM: B&W
ROLL NUMBER: 757.489
FRAMES:
MEDIUM: B&W
SOURCE: NATIONAL ARCHIVES

COVERAGE: FISHERMANS TO SMITH ISLAND BAY
DATE: 03OCT42
SCALE: 10,000
MEDIUM: B&W
ROLL NUMBER: 6A406
FRAMES: vv26-41
MEDIUM: B&W
SOURCE: NATIONAL ARCHIVES

COVERAGE: SMITH TO WRECK
DATE: 13SEP51
SCALE: 12,500
MEDIUM: B&W
ROLL NUMBER: C5005
FRAMES: vv1-59
MEDIUM: B&W
SOURCE: NATIONAL ARCHIVES

COVERAGE: N HOG TO S CEDAR
DATE: 21SEP51
SCALE: 12,500
MEDIUM: B&W
ROLL NUMBER: C1825
FRAMES: vv1-48
MEDIUM: B&W
SOURCE: NATIONAL ARCHIVES

COVERAGE: SHIP SHOAL
DATE: 20JUL54
SCALE: 5000
MEDIUM: B&W
ROLL NUMBER: 18TRS/36TRG
FRAMES:
MEDIUM: B&W
SOURCE: NATIONAL ARCHIVES

COVERAGE: FISHERMANS TO SHIP SHOAL
DATE: 18MAY55
SCALE: 10,000
MEDIUM: B&W
ROLL NUMBER: H4395
FRAMES: vv72-158
MEDIUM: B&W
SOURCE: NATIONAL ARCHIVES

COVERAGE: SMITH TO S HOG
DATE: 18JAN57
SCALE: 20,000
MEDIUM: B&W
ROLL NUMBER: H8288
FRAMES: vv1-58
MEDIUM: B&W
SOURCE: NATIONAL ARCHIVES

COVERAGE: MYRTLE TO SHIP SHOAL
DATE: 06JAN58
SCALE: 20,000
MEDIUM: B&W
ROLL NUMBER: G5074
FRAMES: vv1-3
MEDIUM: B&W
SOURCE: NATIONAL ARCHIVES

COVERAGE: WALLOPS TO METOMKIN
DATE: 17OCT58
SCALE: 7,400
MEDIUM: B&W
ROLL NUMBER: G6305
FRAMES: v1-287
MEDIUM: B&W
SOURCE: NATIONAL ARCHIVES

COVERAGE: DELMARVA PENINSULA **DECLASSIFIED**
DATE: 10NOV59
SCALE: 58,000
MEDIUM: B&W
ROLL NUMBER:
FRAMES:
MEDIUM: B&W
SOURCE: NATIONAL ARCHIVES
COMMENTS: DATE LISTED AS: 10, 30 NOV & 1, 9, 10, 14 DEC '59

COVERAGE: CEDAR ISLAND AND INLAND
DATE: 20APR60
SCALE: 10,000
MEDIUM: B&W
ROLL NUMBER: G11402
FRAMES: v1-53
MEDIUM: B&W
SOURCE: NATIONAL ARCHIVES

COVERAGE: SMITH TO S HOG
DATE: 14MAR62
SCALE: 5,000
MEDIUM: B&W
ROLL NUMBER: J7362
FRAMES: v1112-1171
MEDIUM: B&W
SOURCE: NATIONAL ARCHIVES

COVERAGE: MID CEDAR TO N HOG
DATE: 14MAR62
SCALE: 5,000
MEDIUM: B&W
ROLL NUMBER: J7361
FRAMES: v1064-1111
MEDIUM: B&W
SOURCE: NATIONAL ARCHIVES

COVERAGE: FISHERMANS TO SMITH
DATE: 17MAR62
SCALE: 5,000
MEDIUM: B&W
ROLL NUMBER: J7365
FRAMES: v1409-1430
MEDIUM: B&W
SOURCE: NATIONAL ARCHIVES

COVERAGE: MYRTLE TO CHINCOTEAGUE INLET
DATE: 17MAR62
SCALE: 5,000
MEDIUM: B&W
ROLL NUMBER: J7366
FRAMES: v1431-1581
MEDIUM: B&W
SOURCE: NATIONAL ARCHIVES

COVERAGE: COBB
DATE: 23MAR62
SCALE: 5,000
MEDIUM: B&W
ROLL NUMBER: J7372
FRAMES: v2150-2167
MEDIUM: B&W
SOURCE: NATIONAL ARCHIVES

COVERAGE: FISHERMANS TO S WALLOPS
DATE: 2DEC62
SCALE: 5,000
MEDIUM: B&W
ROLL NUMBER: J8644, J8645
FRAMES: v1063-1207
MEDIUM: B&W
SOURCE: NATIONAL ARCHIVES
COMMENTS: LISTED WITH: 30NOV62, J8634, vv1-62

COVERAGE: ASSATEAGUE TO N METOMKIN
DATE: 17JAN63
SCALE: 5,000
MEDIUM: B&W
ROLL NUMBER: G12378
FRAMES: vv1984-2019
MEDIUM: B&W
SOURCE: NATIONAL ARCHIVES

7.0 USACE NORFOLK

During a visit to the Army Corps of Engineers Norfolk District Office, Joe Shepherd showed me the following photos that do not belong to any set, but rather were taken for specific projects:

March 1987: Metomkin, Wire Passage
7 frames, color
taken by VIMS

18 Sept. 1986: N. Metomkin, Wire Passage to Metomkin Inlet
11 frames, color
taken by VIMS

1984: Mid Metomkin to N. Cedar
shows peat deposits on the beach
10 frames, mosaic, color
taken by Photo Sciences

11/10/86: Metomkin
during dredging project, pipeline on beach
32 frames, color
taken by VIMS

8.0 BROWNSVILLE

The following photos are in the Nature Conservancy's Brownsville office:

4/2/73	FISHERMANS TO SMITH	GSVDEY 4-17	B&W
	MID SMITH	GSVDEY 4-21	B&W
	BACK OF WRECK	GSVDEY 4-23	B&W
4/6/73	WALLOPS AND ASSAWOMAN	GSVDEY 4-66	B&W
	WALLOPS TO METOMKIN	GSVDEY 4-72	B&W
4/15/73	FOWLING PT.	GSVDEY 5-19	B&W
	HOG & S. PARRAMORE	GSVDEY 5-10	B&W
	N. COBB TO S. HOG	GSVDEY 5-12	B&W
	N. SMITH TO WRECK	GSVDEY 5-15	B&W
	N. WRECK TO S. HOG	GSVDEY 5-17	B&W
4/29/73	N. CEDAR TO METOMKIN	GSVDEY 6-28	B&W
	N. PARRAMORE TO S. CEDAR	GSVDEY 6-30	B&W
1975	NASA W3220103 0221, 0223, 0225	CIR + NEGATIVES	
5/3/49	METOMKIN INLET	USC&GS 49-O 568, 569	B&W
3/14/62	METOMKIN INLET	USC&GS 55-W 4611, 4612	B&W
4/28/62	METOMKIN INLET	USC&GS 62-W 3864, 3865	B&W
2/11/71	HOG & S. CHIMNEY POLE	1-1 TO 1-7 (1:12,000)	
		1-12 TO 1-13	
		2-14 TO 2-21	
	ON BACK OF PHOTOS:	QUINN AND ASSOCIATES	
		460 CAREDEAN DRIVE	
		HORSHAM, PENNSYLVANIA 19044	
2/17/49	HOG	USDA ANP-2E 33, 106, 108, 110	
		ANP-3E MANY	
4/42	S. HOG	U S ARMY AIR CORPS (1:20,000)	
		B&W #: 4-165, 4-166	
	**USED IN THE PREPARATION OF NOAA MAP (T-8173) OF		
	9/16/43**		

USC&GS PHOTO INDICES: 134-C3 3/13/63
 134-C 3/1/60
 134-C2 4/1/65
 134-C5 1/1/67

ALSO RECOMMENDED GOING TO MS. PAT HALL
 S.C.S.-A.S.C.S.-U.S.D.A
 OLD HEALTH BUILDING
 ACCOMAC

9.0 TOM RICE

The following list of Wallops flown missions are in TOM RICE's collection at the UNIVERSITY OF MASSACHUSETTS AT AMHERST.

6/4/74 CAPE HENLOPEN TO FISHERMANS ISLAND
 MSN 271, FLT #1 CIR 120 FRAMES
 ** BASE OF CHERYL MCHAFFERY'S WORK **

4/15/71 WALLOPS ISLAND TO FISHERMANS ISLAND
 MSN 52, FLT #1 CIR 108 FRAMES

12/4/74 CAPE HENLOPEN TO FISHERMANS ISLAND
 MSN 317, FLT #1 CIR 112 FRAMES
 ** FOLLOWS DEC 1ST STORM THAT OVERWASHED THE ISLANDS **
 (we have these in house, slides at 1:250,000)

4/17/75 CAPE HENLOPEN TO FISHERMANS ISLAND
 MSN 322, FLT #1 CIR 103 FRAMES
 ** FOLLOWS APRIL 2-3 STORM, FLIGHT LINE NOT IDEAL,
 UP TO 35% CLOUD COVER N OF WALLOPS **

11/9/74 WALLOPS ISLAND TO PARRAMORE ISLAND
 MSN 268, FLT #1 COL
 ** FOLLOWS NOV 6 OVERWASH BY NE WAVES FROM
 NEW ENGLAND STORM **

12/2/72 DELMARVA PENINSULA +
 U-2 FLIGHT, ROLL 72-208
 ** VERY HIGH ELEVATION FLIGHT
 DIFFICULT SCALING PROBLEMS **
 (unavailable from RICE)

10.0 LTER PHOTOGRAPHY COST ESTIMATE

The following is a summary of the photos ordered this year and the ones that should be ordered to update and upgrade the archives, as well as approximate costs associated with each set.

RECEIVED

1942 **USAF (NAT'L ARCHIVES)** **1:10,000** **B&W**
 (6OCT42)

○ ARCHIVAL

	16 FRAMES		FISHERMANS & SMITH
10x10 paper		\$ 88.00	(Trees on Smith)

		\$ 88.00	

NOT ORDERED YET

1949 **ASCS (ANO & ANP)** **1:20,000** **B&W**
 (FEB, MAR, MAY, & NOV 49)

○ MOSAIC

ONLY	14 FRAMES		HOG & PARRAMORE
	10x10 paper	\$ 42.00	

○ MAPPING

ONLY	14 FRAMES		HOG & PARRAMORE
	24x24 paper	\$168.00	

○ ARCHIVAL

	25 FRAMES		TO COMPLETE IN HOUSE
10x10 paper		\$255.00	SET OF ISLANDS AND
		-----	STUDY AREA*
		\$465.00	

NOT ORDERED YET

1957 **ASCS (ANO & ANP)** **1:20,000** **B&W**
 (14OCT57, 20OCT57)

○ MOSAIC

	35 FRAMES		HOG & PARRAMORE ONLY
10x10 paper		\$105.00	

○ MAPPING

	35 FRAMES		HOG & PARRAMORE ONLY
24x24 paper		\$420.00	

○ ARCHIVAL

	79 FRAMES		STUDY AREA*
10x10 paper		\$237.00	

		\$762.00	

MORE INFO NEEDED

1959	USAF (5905) (15JUN59)	1:60,000	B&W
o	<u>MOSAIC</u> 9x9 paper	~10 FRAMES \$ 60.00	STUDY AREA*
o	<u>ARCHIVAL</u> 9x9 paper	~10 FRAMES \$ 60.00 ----- ~\$120.00	STUDY AREA*

NOT ORDERED YET

1959	USC&GS (59 W) (5OCT59)	1:25,000	B&W
o	<u>MAPPING</u> 24x24 paper	13 FRAMES \$325.00	HOG & PARRAMORE ONLY
o	<u>ARCHIVAL</u> 9x9 paper	50 FRAMES \$300.00 ----- \$625.00	STUDY AREA*

NOT ORDERED YET

1962	USC&GS (62 S) (24MAR62)	1:20,000	B&W
o	<u>ARCHIVAL</u> 9x9 paper	18 FRAMES \$108.00	HOG & PARRAMORE ONLY
o	<u>MOSAIC</u> 9x9 paper	18 FRAMES \$108.00 ----- \$216.00	HOG & PARRAMORE ONLY

NOT ORDERED YET

1966 USC&GS (66 Wc) 1:20,000 COL
(30OCT66)

o ARCHIVAL 67 FRAMES STUDY AREA*

9x9 paper \$402.00

\$402.00

MORE INFORMATION NEEDED

1967 USC&GS (SWBK-I) 1:40,000 B&W IR
(22FEB67)

o MOSAIC ~12 FRAMES STUDY AREA*

9x9 paper \$ 72.00

o MAPPING ~12 FRAMES STUDY AREA*

24x24 paper \$300.00

~\$372.00

NOT ORDERED YET

1970 NASAJS (144/244) 1:60,000 CIR
(23SEP70)

o MOSAIC 10 FRAMES STUDY AREA*

9x9 paper \$160.00

o MAPPING 10 FRAMES STUDY AREA*

24x24 paper \$500.00

o ARCHIVAL 10 FRAMES STUDY AREA*

9x9 positive \$240.00

\$900.00

NOT ORDERED YET

1972	NASAAM (72/208A) (72337)	1:120,000	CIR
o	<u>MOSAIC</u>		
	3 FRAMES		STUDY AREA*
	24x24 paper	\$150.00	
o	<u>ARCHIVAL</u>		
	3 FRAMES		STUDY AREA*
	9x9 positive	\$ 15.00	

		\$165.00	

RECEIVED

1973	NASAAM (73/185A) (73305)	1:130,000	CIR
o	<u>MOSAIC</u>		
	2 FRAMES		STUDY AREA*
	24x24 paper	\$100.00	
o	<u>ARCHIVAL</u>		
	2 FRAMES		STUDY AREA*
	9x9 positive	\$ 10.00	

		\$110.00	

RECEIVED

1974	NASAWA (271.FH.1) (4JUN74)	1:12,000 ****RICE PHOTOS****	CIR
o	<u>MAPPING</u>		
	~8 FRAMES		STUDY AREA*
	24x24 paper	\$400.00	
o	<u>ARCHIVAL</u>		
	60 FRAMES		LTER AREA
	9x9 positive	\$300.00	

		\$700.00	

RECEIVED

1976	NASAAM (76/142A) (76243)	1:130,000	CIR
o	<u>MOSAIC</u> 3 FRAMES 24x24 paper	\$150.00	STUDY AREA*
o	<u>ARCHIVAL</u> 3 FRAMES 9x9 positive	\$ 15.00 ----- \$165.00	STUDY AREA*

RECEIVED

1977	USCE (USCE-A) (13SEP77)	1:12,000	B&W
o	<u>ARCHIVAL</u> 126 FRAMES 9x9 paper (start up fee)	\$289.80 \$ 50.00 ----- \$339.80	STUDY AREA*

NOT ORDERED YET

1978	USGS (VENB) (29APR78)	1:80,000	B&W
o	<u>MOSAIC</u> 3 FRAMES 9x9 paper	\$ 18.00	STUDY AREA*
o	<u>MAPPING</u> 3 FRAMES 24x24 paper	\$ 75.00 ----- \$ 93.00	STUDY AREA*

RECEIVED

1979	USCE (USCE-B) (30OCT79)	1:12,000	COL, B&W
o	<u>ARCHIVAL</u>		
	124 FRAMES		STUDY AREA*
	9x9 paper	\$669.60	(COL)
	(color balancing	~\$ 60.00)	
	135 FRAMES		ISLANDS BEACHES
	9x9 paper	\$283.00	(B&W)

		\$1012.60	

RECEIVED

1982	USGS (NHAP '81) (APR82, APR83)	1:58,000	CIR
o	<u>MAPPING</u>		
	6 FRAMES		STUDY AREA*
	24x24 paper	\$300.00	
o	<u>ARCHIVAL</u>		
	8 FRAMES		STUDY AREA*
	9x9 positive	\$192.00	

		\$492.00	

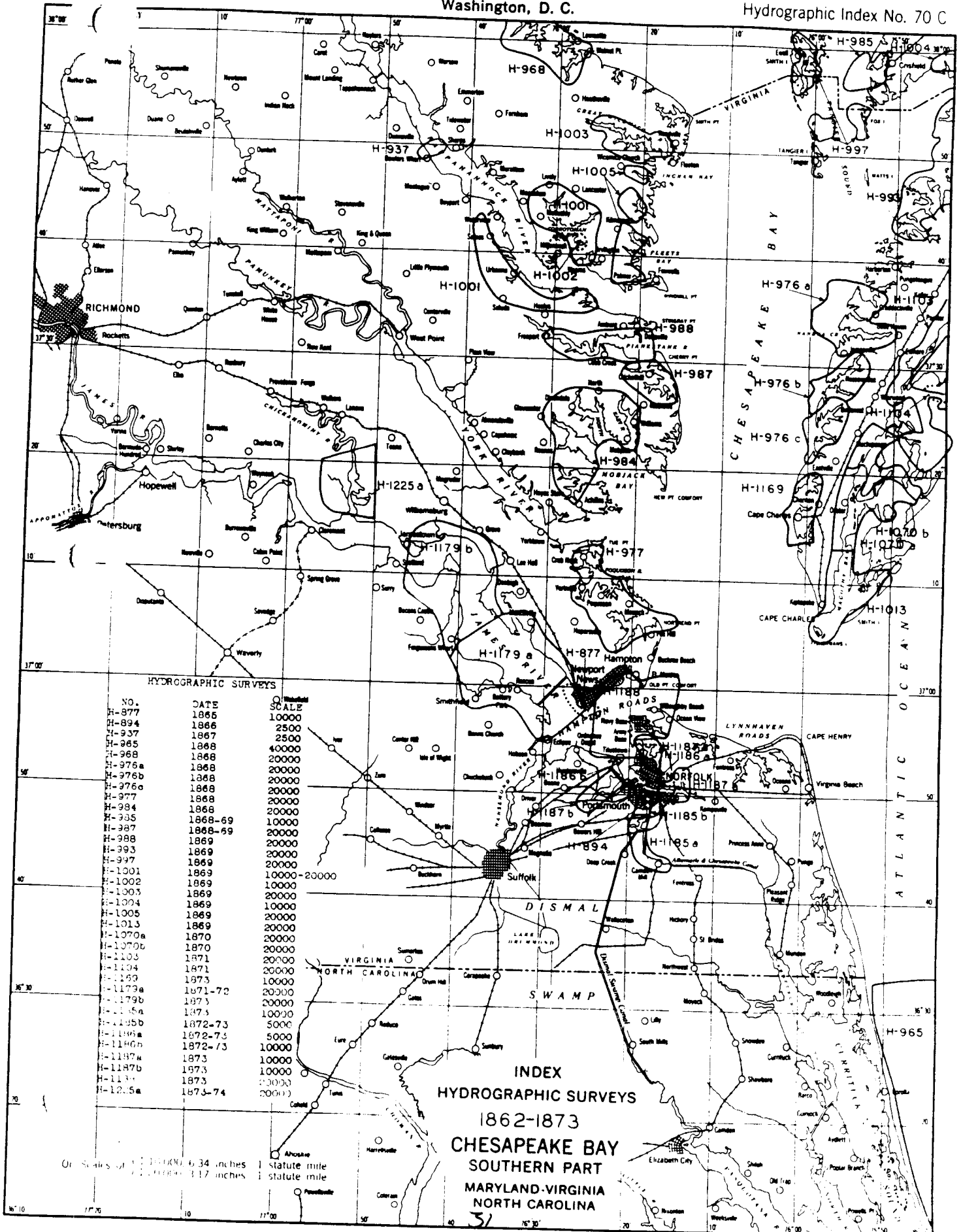
RECEIVED

1982	USGS (NHAP '81) (APR82, APR83)	1:58,000	CIR
o	<u>MAPPING</u>		
	5 FRAMES		ADDITIONAL STUDY
	24x24 paper	\$250.00	AREA* AND CEDAR
o	<u>ARCHIVAL</u>		
	3 FRAMES		ADDITIONAL STUDY
	9x9 positive	\$ 72.00	AREA* AND CEDAR
	2 FRAMES		
	9x9 paper	\$ 32.00	

		\$354.00	

DEPARTMENT OF COMMERCE
U. S. Coast and Geodetic Survey
Washington, D. C.

Hydrographic Index No. 70 C



HYDROGRAPHIC SURVEYS

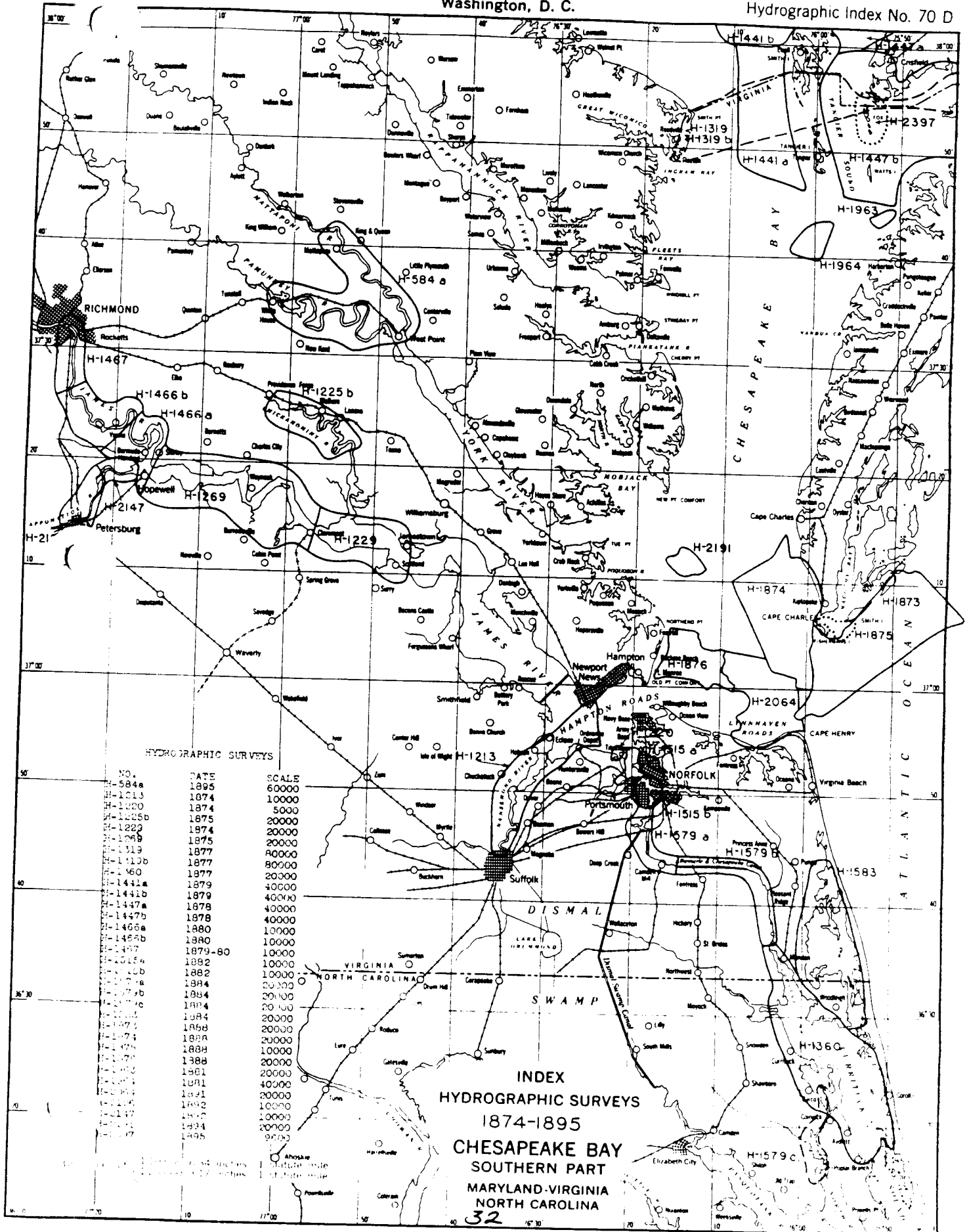
NO.	DATE	SCALE
H-877	1866	10000
H-894	1866	2500
H-937	1867	2500
H-965	1868	40000
H-968	1868	20000
H-976 a	1868	20000
H-976 b	1868	20000
H-976 c	1868	20000
H-977	1868	20000
H-984	1868	20000
H-985	1868-69	10000
H-987	1868-69	20000
H-988	1869	20000
H-993	1869	20000
H-997	1869	20000
H-1001	1869	10000-20000
H-1002	1869	10000
H-1003	1869	20000
H-1004	1869	10000
H-1005	1869	20000
H-1013	1869	20000
H-1070 a	1870	20000
H-1070 b	1870	20000
H-1103	1871	20000
H-1104	1871	20000
H-1109	1873	10000
H-1173 a	1871-72	20000
H-1173 b	1873	20000
H-1179 a	1873	10000
H-1179 b	1872-73	5000
H-1186 a	1872-73	5000
H-1186 b	1872-73	10000
H-1187 a	1873	10000
H-1187 b	1873	10000
H-1187 c	1873	20000
H-1215 a	1873-74	20000

INDEX
HYDROGRAPHIC SURVEYS
1862-1873
CHESAPEAKE BAY
SOUTHERN PART
MARYLAND-VIRGINIA
NORTH CAROLINA

Or. Scale of 1:10000 = 6.34 inches = 1 statute mile
1:20000 = 3.17 inches = 1 statute mile

DEPARTMENT OF COMMERCE
U. S. Coast and Geodetic Survey
Washington, D. C.

Hydrographic Index No. 70 D



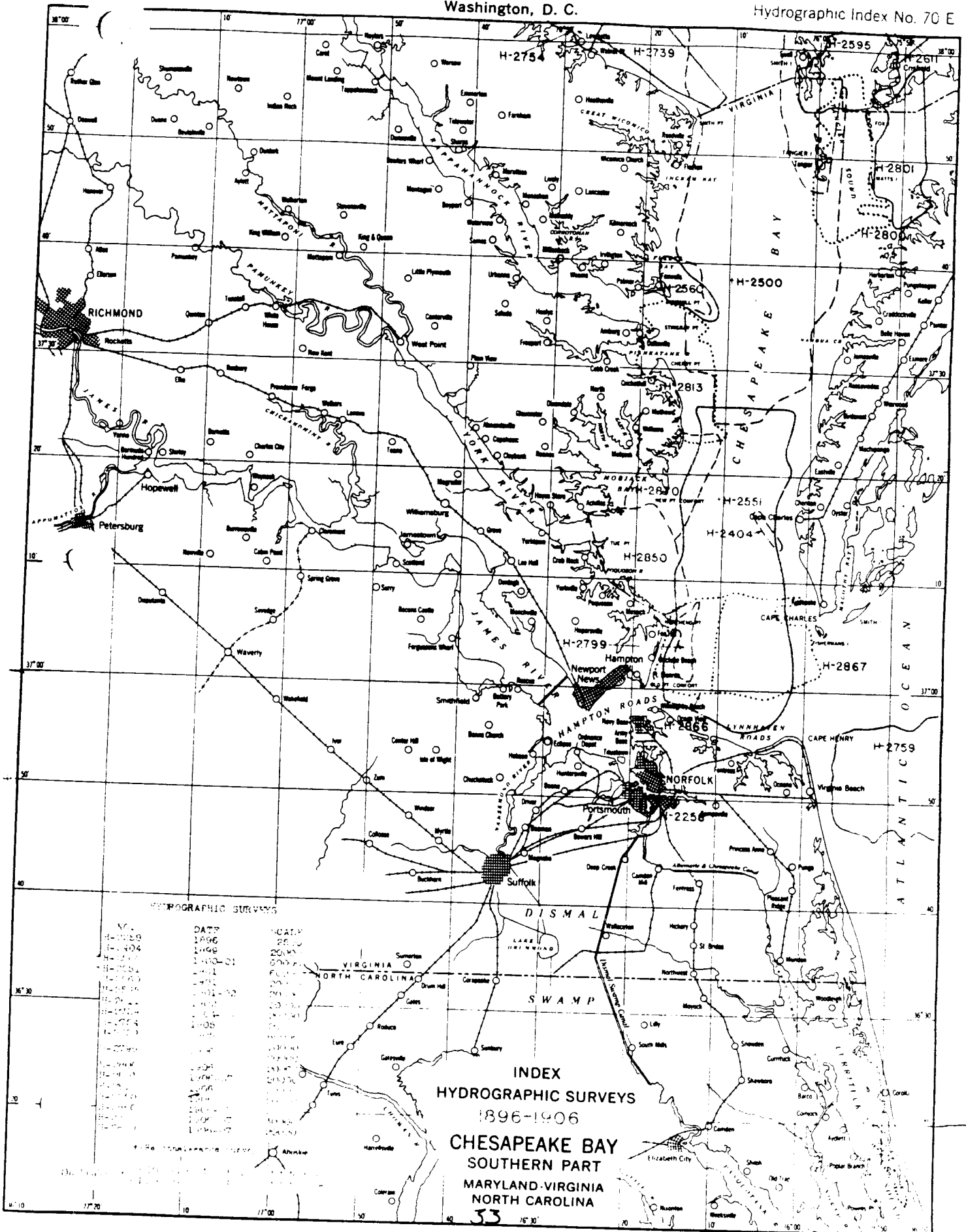
HYDROGRAPHIC SURVEYS

NO.	DATE	SCALE
H-584a	1895	60000
H-1213	1874	10000
H-1220	1874	5000
H-1225b	1875	20000
H-1222	1874	20000
H-1269	1875	20000
H-1319	1877	40000
H-1319b	1877	80000
H-1460	1877	20000
H-1441a	1879	40000
H-1441b	1879	40000
H-1447a	1878	40000
H-1447b	1878	40000
H-1466a	1880	40000
H-1466b	1880	10000
H-1467	1880	10000
H-1467	1879-80	10000
H-1515a	1882	10000
H-1515b	1882	10000
H-1515c	1884	20000
H-1515d	1884	20000
H-1515e	1884	20000
H-1515f	1884	20000
H-1515g	1884	20000
H-1515h	1884	20000
H-1515i	1884	20000
H-1515j	1884	20000
H-1515k	1884	20000
H-1515l	1884	20000
H-1515m	1884	20000
H-1515n	1884	20000
H-1515o	1884	20000
H-1515p	1884	20000
H-1515q	1884	20000
H-1515r	1884	20000
H-1515s	1884	20000
H-1515t	1884	20000
H-1515u	1884	20000
H-1515v	1884	20000
H-1515w	1884	20000
H-1515x	1884	20000
H-1515y	1884	20000
H-1515z	1884	20000
H-1516	1888	20000
H-1517	1888	10000
H-1518	1888	20000
H-1519	1888	20000
H-1520	1888	20000
H-1521	1888	20000
H-1522	1888	20000
H-1523	1888	20000
H-1524	1888	20000
H-1525	1888	20000
H-1526	1888	20000
H-1527	1888	20000
H-1528	1888	20000
H-1529	1888	20000
H-1530	1888	20000
H-1531	1888	20000
H-1532	1888	20000
H-1533	1888	20000
H-1534	1888	20000
H-1535	1888	20000
H-1536	1888	20000
H-1537	1888	20000
H-1538	1888	20000
H-1539	1888	20000
H-1540	1888	20000
H-1541	1888	20000
H-1542	1888	20000
H-1543	1888	20000
H-1544	1888	20000
H-1545	1888	20000
H-1546	1888	20000
H-1547	1888	20000
H-1548	1888	20000
H-1549	1888	20000
H-1550	1888	20000
H-1551	1888	20000
H-1552	1888	20000
H-1553	1888	20000
H-1554	1888	20000
H-1555	1888	20000
H-1556	1888	20000
H-1557	1888	20000
H-1558	1888	20000
H-1559	1888	20000
H-1560	1888	20000
H-1561	1888	20000
H-1562	1888	20000
H-1563	1888	20000
H-1564	1888	20000
H-1565	1888	20000
H-1566	1888	20000
H-1567	1888	20000
H-1568	1888	20000
H-1569	1888	20000
H-1570	1888	20000
H-1571	1888	20000
H-1572	1888	20000
H-1573	1888	20000
H-1574	1888	20000
H-1575	1888	20000
H-1576	1888	20000
H-1577	1888	20000
H-1578	1888	20000
H-1579	1888	20000
H-1580	1888	20000
H-1581	1888	20000
H-1582	1888	20000
H-1583	1888	20000
H-1584	1888	20000
H-1585	1888	20000
H-1586	1888	20000
H-1587	1888	20000
H-1588	1888	20000
H-1589	1888	20000
H-1590	1888	20000
H-1591	1888	20000
H-1592	1888	20000
H-1593	1888	20000
H-1594	1888	20000
H-1595	1888	20000

INDEX
HYDROGRAPHIC SURVEYS
1874-1895
CHESAPEAKE BAY
SOUTHERN PART
MARYLAND-VIRGINIA
NORTH CAROLINA

DEPARTMENT OF COMMERCE
U. S. Coast and Geodetic Survey
Washington, D. C.

Hydrographic Index No. 70 E

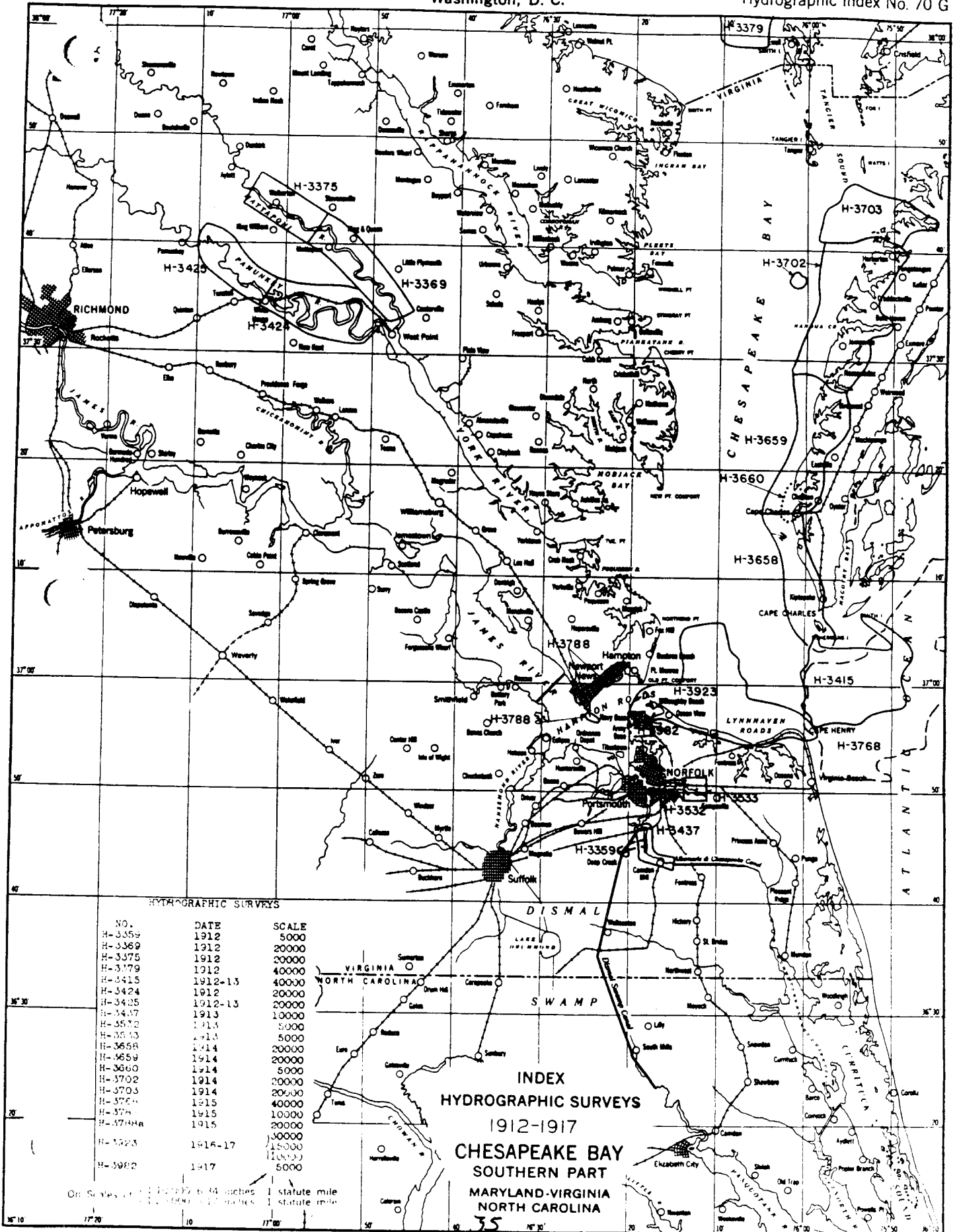


HYDROGRAPHIC SURVEYS

No.	DATE	NAME
H-2028	1896	2510
H-2029	1896	2010
H-2030	1896-01	2020
H-2031	1896	2030
H-2032	1896	2040
H-2033	1896-02	2050
H-2034	1896	2060
H-2035	1896	2070
H-2036	1896	2080
H-2037	1896	2090
H-2038	1896	2100
H-2039	1896	2110
H-2040	1896	2120
H-2041	1896	2130
H-2042	1896	2140
H-2043	1896	2150
H-2044	1896	2160
H-2045	1896	2170
H-2046	1896	2180
H-2047	1896	2190
H-2048	1896	2200
H-2049	1896	2210
H-2050	1896	2220
H-2051	1896	2230
H-2052	1896	2240
H-2053	1896	2250
H-2054	1896	2260
H-2055	1896	2270
H-2056	1896	2280
H-2057	1896	2290
H-2058	1896	2300
H-2059	1896	2310
H-2060	1896	2320
H-2061	1896	2330
H-2062	1896	2340
H-2063	1896	2350
H-2064	1896	2360
H-2065	1896	2370
H-2066	1896	2380
H-2067	1896	2390
H-2068	1896	2400
H-2069	1896	2410
H-2070	1896	2420
H-2071	1896	2430
H-2072	1896	2440
H-2073	1896	2450
H-2074	1896	2460
H-2075	1896	2470
H-2076	1896	2480
H-2077	1896	2490
H-2078	1896	2500
H-2079	1896	2510
H-2080	1896	2520
H-2081	1896	2530
H-2082	1896	2540
H-2083	1896	2550
H-2084	1896	2560
H-2085	1896	2570
H-2086	1896	2580
H-2087	1896	2590
H-2088	1896	2600
H-2089	1896	2610
H-2090	1896	2620
H-2091	1896	2630
H-2092	1896	2640
H-2093	1896	2650
H-2094	1896	2660
H-2095	1896	2670
H-2096	1896	2680
H-2097	1896	2690
H-2098	1896	2700
H-2099	1896	2710
H-2100	1896	2720
H-2101	1896	2730
H-2102	1896	2740
H-2103	1896	2750
H-2104	1896	2760
H-2105	1896	2770
H-2106	1896	2780
H-2107	1896	2790
H-2108	1896	2800
H-2109	1896	2810
H-2110	1896	2820
H-2111	1896	2830
H-2112	1896	2840
H-2113	1896	2850
H-2114	1896	2860
H-2115	1896	2870
H-2116	1896	2880
H-2117	1896	2890
H-2118	1896	2900
H-2119	1896	2910
H-2120	1896	2920
H-2121	1896	2930
H-2122	1896	2940
H-2123	1896	2950
H-2124	1896	2960
H-2125	1896	2970
H-2126	1896	2980
H-2127	1896	2990
H-2128	1896	3000
H-2129	1896	3010
H-2130	1896	3020
H-2131	1896	3030
H-2132	1896	3040
H-2133	1896	3050
H-2134	1896	3060
H-2135	1896	3070
H-2136	1896	3080
H-2137	1896	3090
H-2138	1896	3100
H-2139	1896	3110
H-2140	1896	3120
H-2141	1896	3130
H-2142	1896	3140
H-2143	1896	3150
H-2144	1896	3160
H-2145	1896	3170
H-2146	1896	3180
H-2147	1896	3190
H-2148	1896	3200
H-2149	1896	3210
H-2150	1896	3220
H-2151	1896	3230
H-2152	1896	3240
H-2153	1896	3250
H-2154	1896	3260
H-2155	1896	3270
H-2156	1896	3280
H-2157	1896	3290
H-2158	1896	3300
H-2159	1896	3310
H-2160	1896	3320
H-2161	1896	3330
H-2162	1896	3340
H-2163	1896	3350
H-2164	1896	3360
H-2165	1896	3370
H-2166	1896	3380
H-2167	1896	3390
H-2168	1896	3400
H-2169	1896	3410
H-2170	1896	3420
H-2171	1896	3430
H-2172	1896	3440
H-2173	1896	3450
H-2174	1896	3460
H-2175	1896	3470
H-2176	1896	3480
H-2177	1896	3490
H-2178	1896	3500
H-2179	1896	3510
H-2180	1896	3520
H-2181	1896	3530
H-2182	1896	3540
H-2183	1896	3550
H-2184	1896	3560
H-2185	1896	3570
H-2186	1896	3580
H-2187	1896	3590
H-2188	1896	3600
H-2189	1896	3610
H-2190	1896	3620
H-2191	1896	3630
H-2192	1896	3640
H-2193	1896	3650
H-2194	1896	3660
H-2195	1896	3670
H-2196	1896	3680
H-2197	1896	3690
H-2198	1896	3700
H-2199	1896	3710
H-2200	1896	3720
H-2201	1896	3730
H-2202	1896	3740
H-2203	1896	3750
H-2204	1896	3760
H-2205	1896	3770
H-2206	1896	3780
H-2207	1896	3790
H-2208	1896	3800
H-2209	1896	3810
H-2210	1896	3820
H-2211	1896	3830
H-2212	1896	3840
H-2213	1896	3850
H-2214	1896	3860
H-2215	1896	3870
H-2216	1896	3880
H-2217	1896	3890
H-2218	1896	3900
H-2219	1896	3910
H-2220	1896	3920
H-2221	1896	3930
H-2222	1896	3940
H-2223	1896	3950
H-2224	1896	3960
H-2225	1896	3970
H-2226	1896	3980
H-2227	1896	3990
H-2228	1896	4000
H-2229	1896	4010
H-2230	1896	4020
H-2231	1896	4030
H-2232	1896	4040
H-2233	1896	4050
H-2234	1896	4060
H-2235	1896	4070
H-2236	1896	4080
H-2237	1896	4090
H-2238	1896	4100
H-2239	1896	4110
H-2240	1896	4120
H-2241	1896	4130
H-2242	1896	4140
H-2243	1896	4150
H-2244	1896	4160
H-2245	1896	4170
H-2246	1896	4180
H-2247	1896	4190
H-2248	1896	4200
H-2249	1896	4210
H-2250	1896	4220
H-2251	1896	4230
H-2252	1896	4240
H-2253	1896	4250
H-2254	1896	4260
H-2255	1896	4270
H-2256	1896	4280
H-2257	1896	4290
H-2258	1896	4300
H-2259	1896	4310
H-2260	1896	4320
H-2261	1896	4330
H-2262	1896	4340
H-2263	1896	4350
H-2264	1896	4360
H-2265	1896	4370
H-2266	1896	4380
H-2267	1896	4390
H-2268	1896	4400
H-2269	1896	4410
H-2270	1896	4420
H-2271	1896	4430
H-2272	1896	4440
H-2273	1896	4450
H-2274	1896	4460
H-2275	1896	4470
H-2276	1896	4480
H-2277	1896	4490
H-2278	1896	4500
H-2279	1896	4510
H-2280	1896	4520
H-2281	1896	4530
H-2282	1896	4540
H-2283	1896	4550
H-2284	1896	4560
H-2285	1896	4570
H-2286	1896	4580
H-2287	1896	4590
H-2288	1896	4600
H-2289	1896	4610
H-2290	1896	4620
H-2291	1896	4630
H-2292	1896	4640
H-2293	1896	4650
H-2294	1896	4660
H-2295	1896	4670
H-2296	1896	4680
H-2297	1896	4690
H-2298	1896	4700
H-2299	1896	4710
H-2300	1896	4720
H-2301	1896	4730
H-2302	1896	4740
H-2303	1896	4750
H-2304	1896	4760
H-2305	1896	4770
H-2306	1896	4780
H-2307	1896	4790
H-2308	1896	4800
H-2309	1896	4810
H-2310	1896	4820
H-2311	1896	4830
H-2312	1896	4840
H-2313	1896	4850
H-2314	1896	4860
H-2315	1896	4870
H-2316	1896	4880
H-2317	1896	4890
H-2318	1896	4900
H-2319	1896	4910
H-2320	1896	4920
H-2321	1896	4930
H-2322	1896	4940
H-2323	1896	4950
H-2324	1896	4960
H-2325	1896	4970
H-2326	1896	4980
H-2327	1896	4990
H-2328	1896	5000
H-2329	1896	5010
H-2330	1896	5020
H-2331	1896	5030
H-2332	1896	5040
H-2333	1896	5050
H-2334	1896	5060
H-2335	1896	5070
H-2336	1896	5080
H-2337	1896	5090
H-2338	1896	5100
H-2339	1896	5110
H-2340	1896	5120
H-2341	1896	5130
H-2342	1896	5140
H-2343	1896	5150

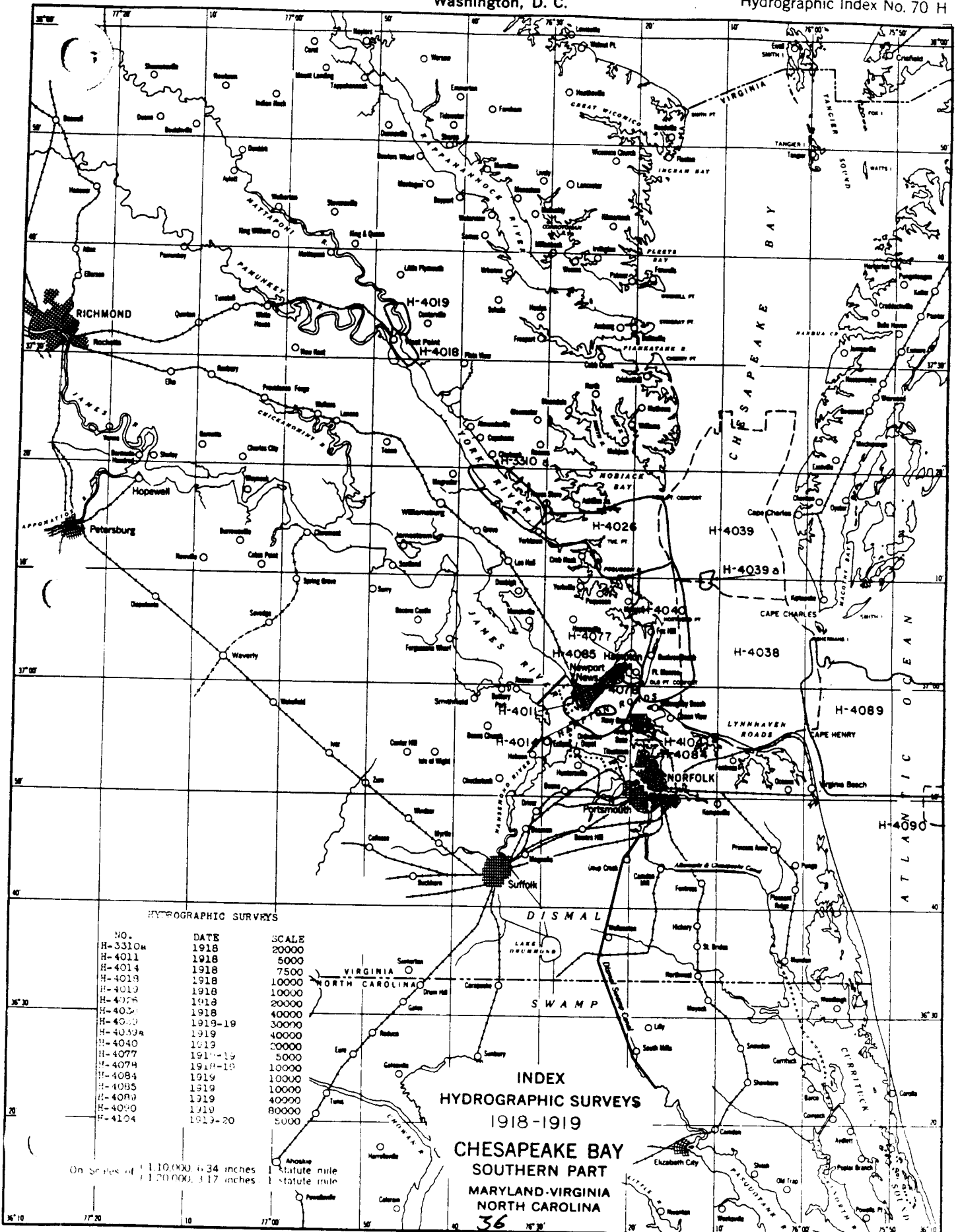
DEPARTMENT OF COMMERCE
U. S. Coast and Geodetic Survey
Washington, D. C.

Hydrographic Index No. 70 G



DEPARTMENT OF COMMERCE
U. S. Coast and Geodetic Survey
Washington, D. C.

Hydrographic Index No. 70 H



HYDROGRAPHIC SURVEYS

NO.	DATE	SCALE
H-3310a	1918	20000
H-4011	1918	5000
H-4014	1918	7500
H-4018	1918	10000
H-4019	1918	10000
H-4026	1918	20000
H-4027	1918	40000
H-4029	1918-19	30000
H-4030a	1919	40000
H-4040	1919	20000
H-4077	1918-19	5000
H-4074	1918-19	10000
H-4084	1919	10000
H-4085	1919	10000
H-4089	1919	40000
H-4090	1919	80000
H-4124	1919-20	5000

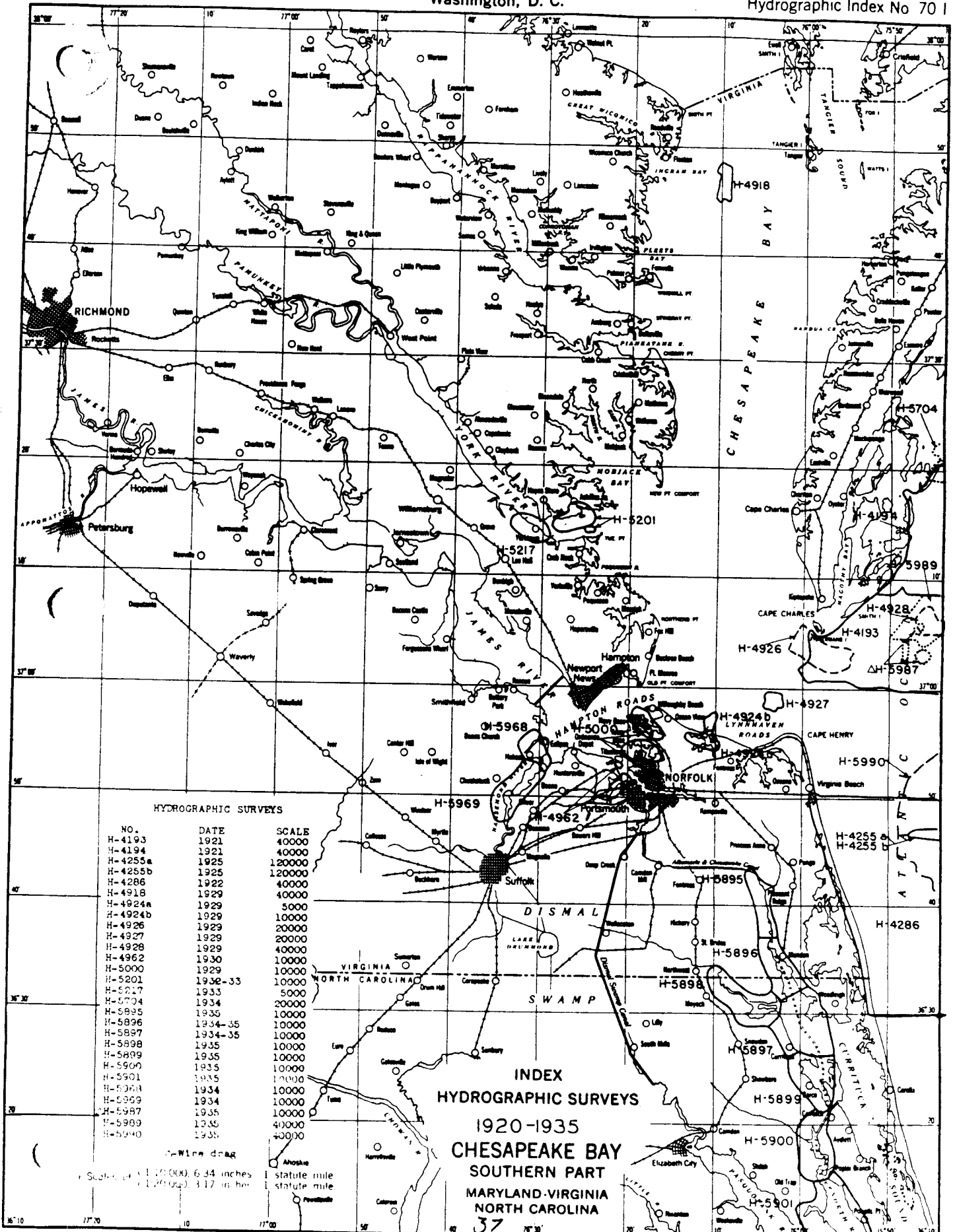
On Scale of 1:110,000, 1/34 inches = 1 statute mile
1:120,000, 1/17 inches = 1 statute mile

INDEX
HYDROGRAPHIC SURVEYS
1918-1919

CHESAPEAKE BAY
SOUTHERN PART
MARYLAND-VIRGINIA
NORTH CAROLINA

DEPARTMENT OF COMMERCE
U. S. Coast and Geodetic Survey
Washington, D. C.

Hydrographic Index No 70 I



HYDROGRAPHIC SURVEYS

NO.	DATE	SCALE
H-4193	1921	40000
H-4194	1921	40000
H-4255a	1925	120000
H-4255b	1925	120000
H-4286	1922	40000
H-4918	1929	40000
H-4924a	1929	5000
H-4924b	1929	10000
H-4926	1929	20000
H-4927	1929	20000
H-4928	1929	40000
H-4962	1930	10000
H-5000	1929	10000
H-5201	1932-33	10000
H-5217	1933	5000
H-5704	1934	20000
H-5895	1935	10000
H-5896	1935	10000
H-5897	1934-35	10000
H-5898	1934-35	10000
H-5898	1935	10000
H-5899	1935	10000
H-5900	1935	10000
H-5901	1935	10000
H-5901	1934	10000
H-5909	1934	10000
H-5987	1935	10000
H-5989	1935	40000
H-5990	1935	40000

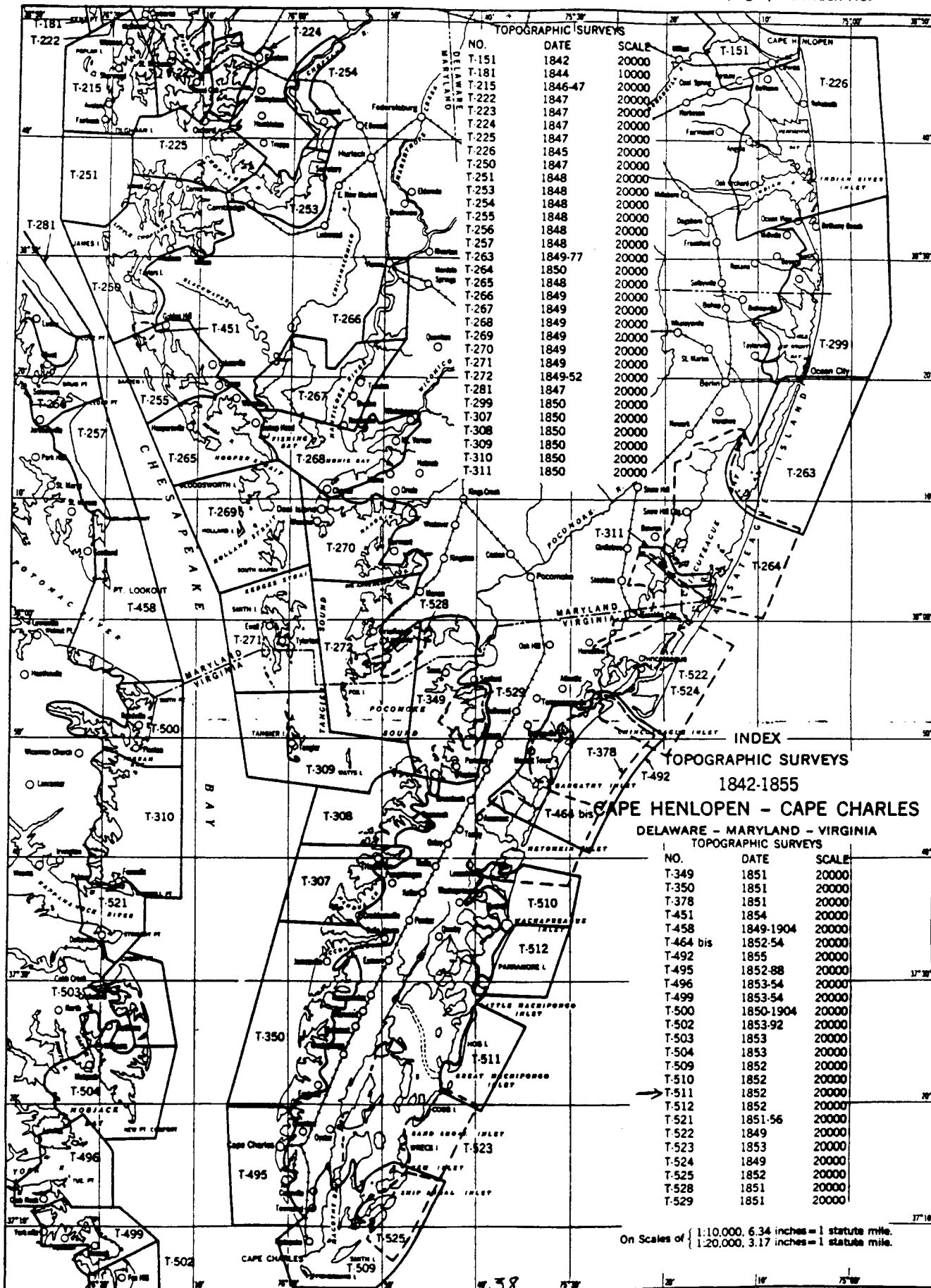
Wire drag
Scale of 1:100,000 6.34 inches
1:200,000 3.17 inches

INDEX
HYDROGRAPHIC SURVEYS
1920-1935
CHESAPEAKE BAY
SOUTHERN PART
MARYLAND-VIRGINIA
NORTH CAROLINA

DEPARTMENT OF COMMERCE
U. S. Coast and Geodetic Survey

Washington, D. C.

Topographic Index No. 10A



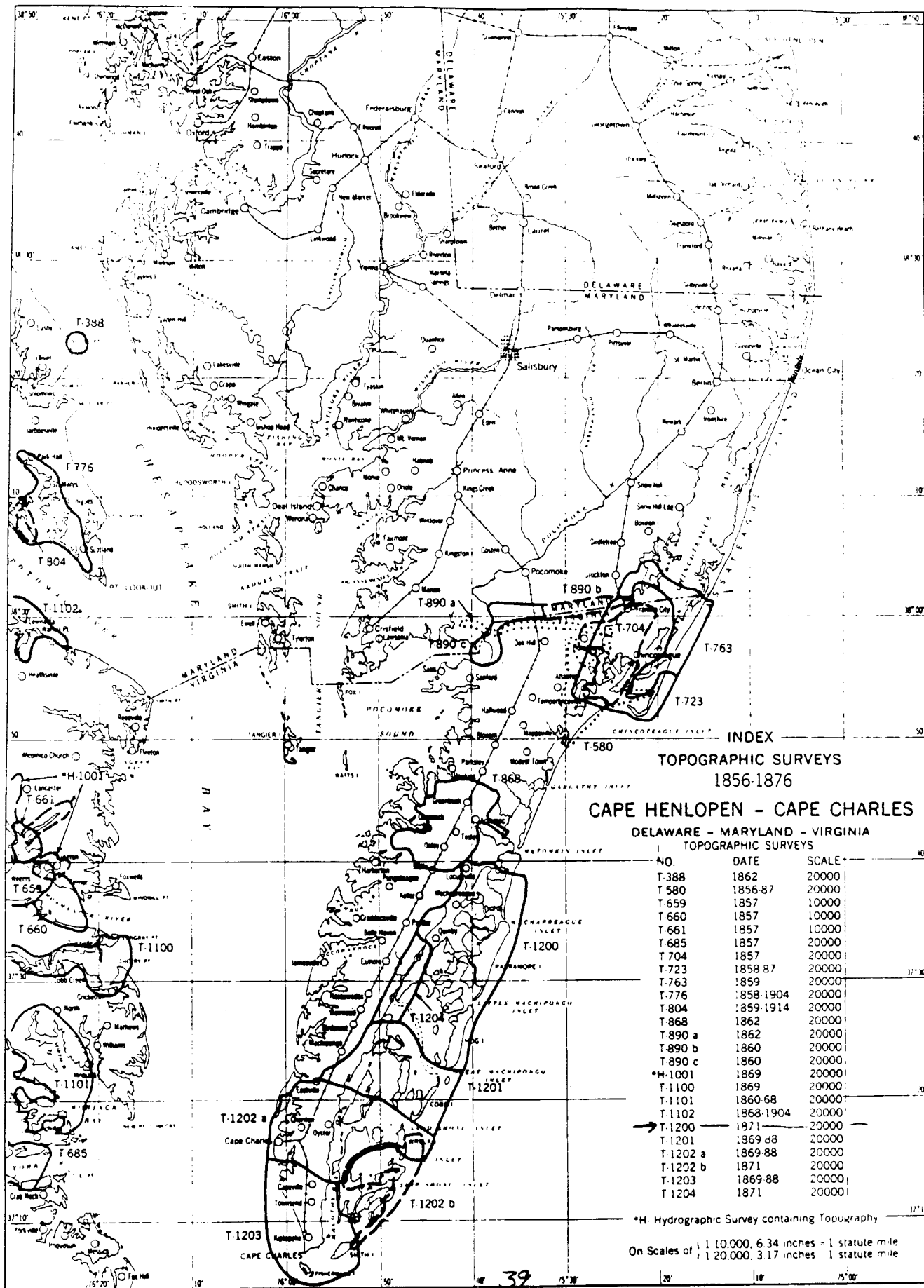
TOPOGRAPHIC SURVEYS

NO.	DATE	SCALE
T-151	1842	20000
T-181	1844	10000
T-215	1846-47	20000
T-222	1847	20000
T-223	1847	20000
T-224	1847	20000
T-225	1847	20000
T-226	1845	20000
T-250	1847	20000
T-251	1848	20000
T-253	1848	20000
T-254	1848	20000
T-255	1848	20000
T-256	1848	20000
T-257	1848	20000
T-263	1849-77	20000
T-264	1850	20000
T-265	1848	20000
T-266	1849	20000
T-267	1849	20000
T-268	1849	20000
T-269	1849	20000
T-270	1849	20000
T-271	1849	20000
T-272	1849-52	20000
T-281	1847	20000
T-299	1850	20000
T-307	1850	20000
T-308	1850	20000
T-309	1850	20000
T-310	1850	20000
T-311	1850	20000

INDEX
TOPOGRAPHIC SURVEYS
1842-1855
CAPE HENLOPEN - CAPE CHARLES
DELAWARE - MARYLAND - VIRGINIA
TOPOGRAPHIC SURVEYS

NO.	DATE	SCALE
T-349	1851	20000
T-350	1851	20000
T-378	1851	20000
T-451	1854	20000
T-458	1849-1904	20000
T-464 bis	1852-54	20000
T-492	1855	20000
T-495	1852-88	20000
T-496	1853-54	20000
T-499	1853-54	20000
T-500	1850-1904	20000
T-502	1853-92	20000
T-503	1853	20000
T-504	1853	20000
T-509	1852	20000
T-510	1852	20000
T-511	1852	20000
T-512	1852	20000
T-521	1851-56	20000
T-522	1849	20000
T-523	1853	20000
T-524	1849	20000
T-525	1852	20000
T-528	1851	20000
T-529	1851	20000

On Scales of 1:10,000, 6.34 inches = 1 statute mile.
1:20,000, 3.17 inches = 1 statute mile.



List of original hydrographic sheets, geographically arranged, &c.—Continued.

Registered number.	Localities.	State.	Scale.	Date.	Hydrographer.
*1421 <i>b</i>	Delaware River from Smith's Island to Petty's Island	New Jersey	1-4,800	1843	G. S. Blake, U. S. N.
*1421 <i>a</i>	Delaware River from Petty's Island to Eight Mile Point	do	1-4,800	1843	Do.
1432 <i>b</i>	Delaware River, Horseshoe to Fort Mifflin	New Jersey and Pennsylvania.	1-4,000	1878	H. L. Marindin.
1432 <i>a</i>	Delaware River, Kensington Point to Horseshoe	do	1-4,000	1878	Do.
1431 <i>b</i>	Delaware River, Kensington to Kargin's Point	do	1-4,800	1878	Do.
1431 <i>a</i>	Delaware River, Philadelphia to Kensington	do	1-4,800	1878	Do.
1111 <i>a</i>	Delaware River, from Fort Mifflin to Gloucester Point	do	1-5,000	1871	F. F. Nes.
1111 <i>b</i>	Delaware River, from Gloucester Point to navy-yard	do	1-5,000	1871	Do.
143	Delaware River opposite Philadelphia	do	1-5,000	1843	G. S. Blake, U. S. N.
862	Back Channel, Schuylkill and Delaware Rivers, Lehigh Island	Pennsylvania	1-2,500	1865	E. Hergeshwimer.
1290 <i>a</i>	Schuylkill River, Lehigh Island to Gray's Ferry	do	1-5,000	1871	F. F. Nes.
1290 <i>b</i>	Schuylkill River, Gray's Ferry to Suspension Bridge	do	1-5,000	1871	Do.
1290 <i>c</i>	Schuylkill River, from the bar to Pentrose Bridge	do	1-2,500	1875	Charles Junken.
141	Delaware River, from Philadelphia to Dunks	New Jersey and Pennsylvania.	1-10,000	1844	G. S. Blake, U. S. N.
145	Delaware River, from Dunks to Smith's	do	1-10,000	1844	Do.
146	Delaware River, from Smith's to Shaves	do	1-10,000	1844	Do.
147	Delaware River, from Bordentown to Trenton	do	1-10,000	1844	Do.
149	Off Cape Henlopen	Delaware	1-200,000	1847	S. P. Lee, U. S. N.
152	From Cape Henlopen to Indian River Inlet	do	1-20,000	1847	Do.
149	From Cape Henlopen to Indian River Inlet	do	1-20,000	1844	G. M. Bache, U. S. N.
150	Indian River and Rehoboth Bay	do	1-20,000	1847	R. Bache, U. S. N.
237	Off Cape Henlopen and southward to Cape Henry	do	1-40,000	1849-50	T. A. Jenkins, U. S. N.
212	From Indian River Inlet to Beach House	Delaware and Maryland.	1-10,000	1848	S. P. Lee, U. S. N.
214	From Beach House Station to North Birch	do	1-40,000	1844	Do.
251	Seacoast of Maryland	Maryland	1-4,000	1850	Do.
761	Waterspouter Shoal	do	1-40,000	1863	T. S. Phelps, U. S. N.
11-7	Charoaterine Shoals	Virginia	1-20,000	1881	G. Bradford.
297	Charoaterine Inlet and Charoaterine Shoals	do	1-20,000	1851	J. J. Almy, U. S. N.
298	Charoaterine Shoals and Charoaterine Inlet	do	1-40,000	1851	Do.
1455 <i>a</i>	Lower part of Charoaterine Bay	do	1-20,000	1-89	E. P. Lull, U. S. N.
1455 <i>b</i>	Lower part of Charoaterine Bay	do	1-20,000	1889	Do.
1455 <i>c</i>	Upper part of Charoaterine Inlet coast chart No. 1	do	1-20,000	1889	Do.
248	Waterspouter Inlet and Hog Island Harbor	do	1-40,000	1852	J. J. Almy, U. S. N.
249	Mutton Inlet	do	1-40,000	1852	Do.
250	Mutton Inlet, east coast of Virginia	do	1-20,000	1862	A. M. Harrison.
154	Hog Island Harbor and Waterspouter Inlet	do	1-20,000	1852	J. J. Almy, U. S. N.
11-1	From Mutton Inlet to Head of Broadwater	do	1-20,000	1871	J. W. Denn.
1103	From Cape Fear to Great Mudpigeon Bay and branches	do	1-20,000	1871	Do.
1070 <i>a</i>	Branches of Cape Fear from Ship Shoal Inlet to Sand Shoal Inlet	do	1-20,000	1870	W. W. Harding
1070 <i>b</i>	Branches of Cape Fear from Sand Shoal Inlet to Hog Island Inlet	do	1-20,000	1870	Do.
1071	Mutton Inlet	do	1-20,000	1869	Do.
1075	Branches of Cape Fear from Ship Shoal Inlet	do	1-20,000	1873	J. J. Almy, U. S. N.
1076	From Cape Fear to Cape Fear Bay	do	1-20,000	1851	B. F. Sands, U. S. N.
107	Hog Island Harbor and Cape Fear	do	1-40,000	1853	J. J. Almy, U. S. N.
115	Cape Fear and vicinity to Cape Fear	do	1-20,000	1852	Do.
104	Cape Fear and vicinity of Charoaterine Inlet	do	1-40,000	1852-53	Do.
106	From Cape Henry to Mutton Bay	do	1-40,000	1854	Do.
109	From Cape Henry to Chesapeake Bay	do	1-40,000	1854	Do.
253	Chesapeake Bay, from Rappahannock River to Wolf Trap	do	1-40,000	1851	Do.
53	Charoaterine Inlet Chesapeake Bay	do	1-20,000	1852	Do.
1099	Charoaterine Inlet Chesapeake Bay	do	1-10,000	1873	J. S. Bradford.
252	Chesapeake Bay, from Potomac to Rappahannock River	do	1-40,000	1850	S. P. Lee, U. S. N., J. J. Almy, U. S. N.
276 <i>c</i>	Hunter's Creek	do	1-20,000	1868	C. Fendall.

B plotted upon this large scale from original notes by E. Willenbacher, in July and August, 1879.

List of original hydrographic sheets, geographically arranged, &c.—Continued.

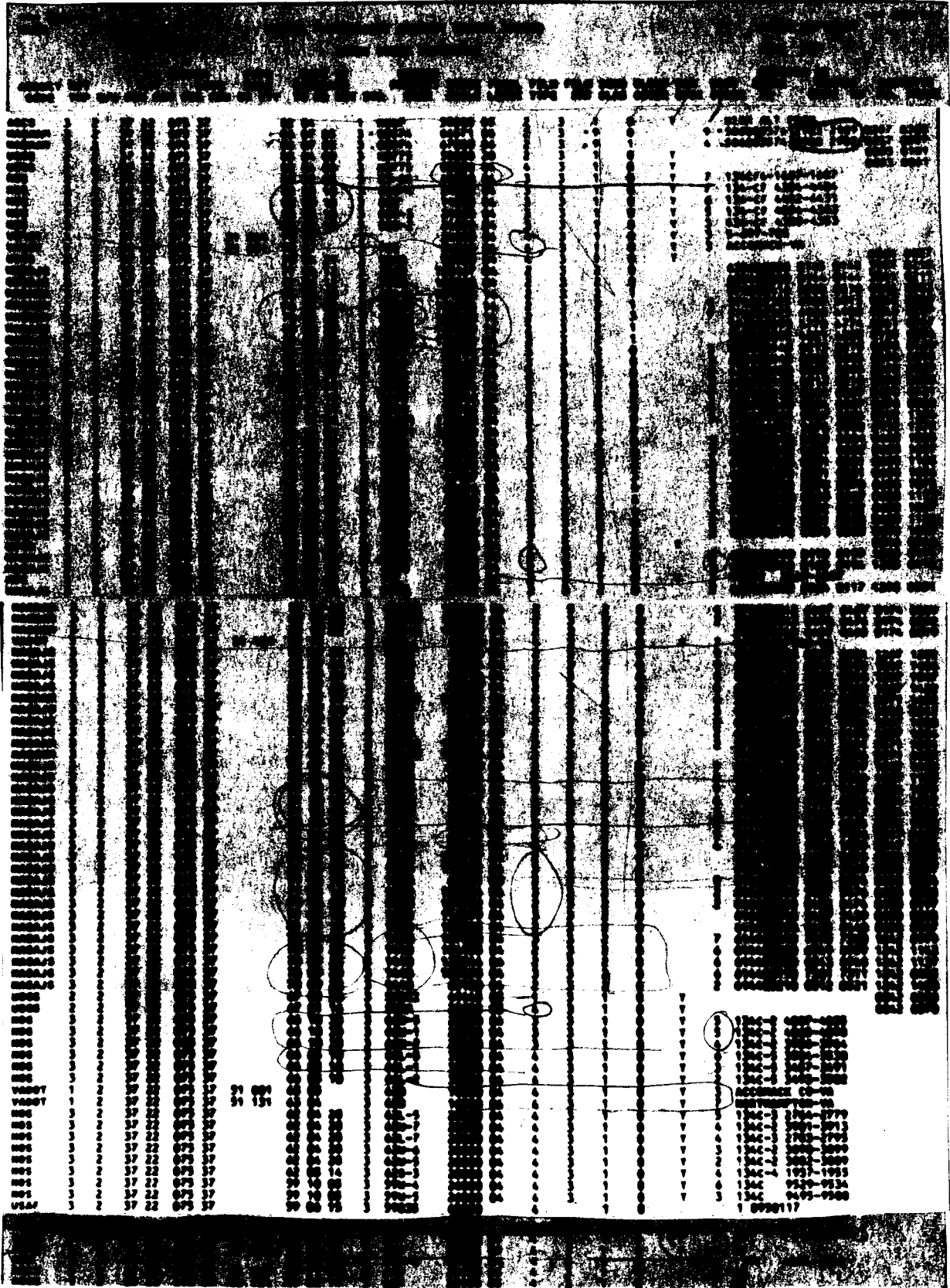
Registered number.	Localities.	State.	Scale.	Date.	Hydrographer
976 b	Naswaddox Creek	Virginia	1-20,000	1868	C. Fendall.
976 a	Oceohannock, Craddock, and Naudua Creeks	do	1-20,000	1868	Do.
367	Oceohannock Creek and Heath's Landing	do	1-20,000	1853	J. J. Almy, U. S. N.
308	Hunger's Creek, Chesapeake Bay	do	1-20,000	1853	Do.
332	Pungoteague Creek	do	1-20,000	1851-68	B. F. Sands, U. S. N. J. J. Almy, U. S. N.
515	Pocomoke Sound	do	1-10,000	1855	J. J. Almy, U. S. N.
993	Pocomoke Sound, from Messougo Creek to Onancock Creek.	do	1-20,000	1869	W. W. Harding
1004	Pocomoke River entrance	do	1-10,000	1869	Do.
1022 a	Pocomoke River (sheet No. 1)	do	1-5,000	1869	Do.
1022 b	Pocomoke River (sheet No. 2)	do	1-5,000	1869	Do.
1023 a	Pocomoke River (sheet No. 3)	do	1-5,000	1869	Do.
1023 b	Pocomoke River (sheet No. 4)	do	1-5,000	1869	Do.
1024 a	Pocomoke River (sheet No. 5)	do	1-5,000	1869	Do.
1024 b	Pocomoke River (sheet No. 6)	do	1-5,000	1869	Do.
1024 c	Pocomoke River (sheet No. 7)	do	1-5,000	1869	Do.
557	Tangier Sound	do	1-10,000	1866	J. J. Almy, U. S. N.
997	Smith's, Goose, and Fox Islands, Tangier Sound	do	1-20,000	1869	W. W. Harding.
1441 a	Chesapeake Bay, Tangier Sound Oyster Beds	do	1-40,000	1879	F. Winslow, U. S. N.
1441 b	Chesapeake Bay, Tangier Sound Oyster Beds	do	1-40,000	1879	Do.
1447 a	Chesapeake Bay, Tangier Sound Oyster Beds	do	1-40,000	1878	Do.
1447 b	Chesapeake Bay, Tangier Sound Oyster Beds	do	1-40,000	1878	Do.
985	Little Annesmessex River	do	1-10,000	1868-69	W. W. Harding.
707	Chesapeake Bay, Little and Big Annesmessex and Manokin Rivers, Morris Bay and Wicomico River.	Maryland	1-20,000	1858-59	W. T. Muse, U. S. N. Do.
673	Chesapeake Bay, Nantuxoke River and Fishing Bay	do	1-20,000	1858	Do.
199	Chesapeake Bay, Meekin's Neck and vicinity of Cove Point.	do	1-20,000	1847-48	W. P. McArthur, U. S. N.
200	Chesapeake Bay, Little Choptank River	do	1-20,000	1848	Do.
201	Chesapeake Bay, Choptank River	do	1-20,000	1848	Do.
202	Chesapeake Bay, Choptank River	do	1-20,000	1848	Do.
1048	Chesapeake Bay, Choptank River, from Wing's Landing to Denton	do	1-10,000	1870	W. W. Harding
1049 a	Chesapeake Bay, tributaries to Tredwayn Creek	do	1-10,000	1870	Do.
1049 b	Chesapeake Bay, heads of Harris, Broad, and Porter's Creeks.	do	1-10,000	1870	Do.
1346 a	Eastern Bay and Choptank River	do	1-10,000	1871	Do.
1346 b	Little Choptank River and tributaries	do	1-10,000	1871	Do.
1346 c	Calvert Bay, Jerome Creek, &c.	do	1-10,000	1871	Do.
188	Chesapeake Bay, Thomas' Point to Fitzhugh's Island	do	1-20,000	1846	S. P. Lee, U. S. N.
177	Chesapeake Bay, Eastern Bay, and Wye and Miles Rivers.	do	1-20,000	1847	W. P. McArthur, U. S. N.
1050 a	Chesapeake Bay, tributaries of Wye River	do	1-10,000	1870	W. W. Harding.
1050 b	Chesapeake Bay, tributaries of Saint Michael's River	do	1-10,000	1870	Do.
167	Chesapeake Bay, Annapolis Harbor	do	1-20,000	1844	G. M. Bache, U. S. N.
1077 b	Chesapeake Bay, head of Severn River	do	1-20,000	1870	W. W. Harding
1077 a	Chesapeake Bay, tributaries of Severn and South Rivers.	do	1-20,000	1870-71	Do.
166	Chesapeake Bay, from Sandy Point to Spy's Stand	do	1-20,000	1845	G. M. Bache, U. S. N.
164	Chesapeake Bay, Margoths River	do	1-10,000	1845	Do.
175	Chesapeake Bay, north of Chester River	do	1-20,000	1847	W. P. McArthur, U. S. N.
174	Chesapeake Bay, Chester River	do	1-20,000	1846	Do.
1078	Chesapeake Bay, Langford Creek	do	1-10,000	1870	W. W. Harding
1026 a	Chesapeake Bay, Chester River No. 1	do	1-5,000	1869-70	Do.
1026 b	Chesapeake Bay, Morgan's Creek	do	1-5,000	1869-70	Do.
1027	Chesapeake Bay, Chester River No. 2	do	1-5,000	1869-70	Do.
165	Chesapeake Bay, Patapsco River to Baltimore	do	1-10,000	1845	G. M. Bache, U. S. N.
339	Chesapeake Bay, Patapsco River, from Rock Point to Sully's Point	do	1-10,000	1852	C. H. McBlair, U. S. N.
415	Chesapeake Bay, entrance to Patapsco River	do	1-20,000	1854	R. Wainwright, U. S. N.
469 a	Chesapeake Bay, Belvidere Shoals	do	1-5,000	1852	A. Baschke
469 b	Patapsco River entrance	do	1-20,000	1852	Do.

APPENDIX B: NCIC MICROFICHE

Nassawadox

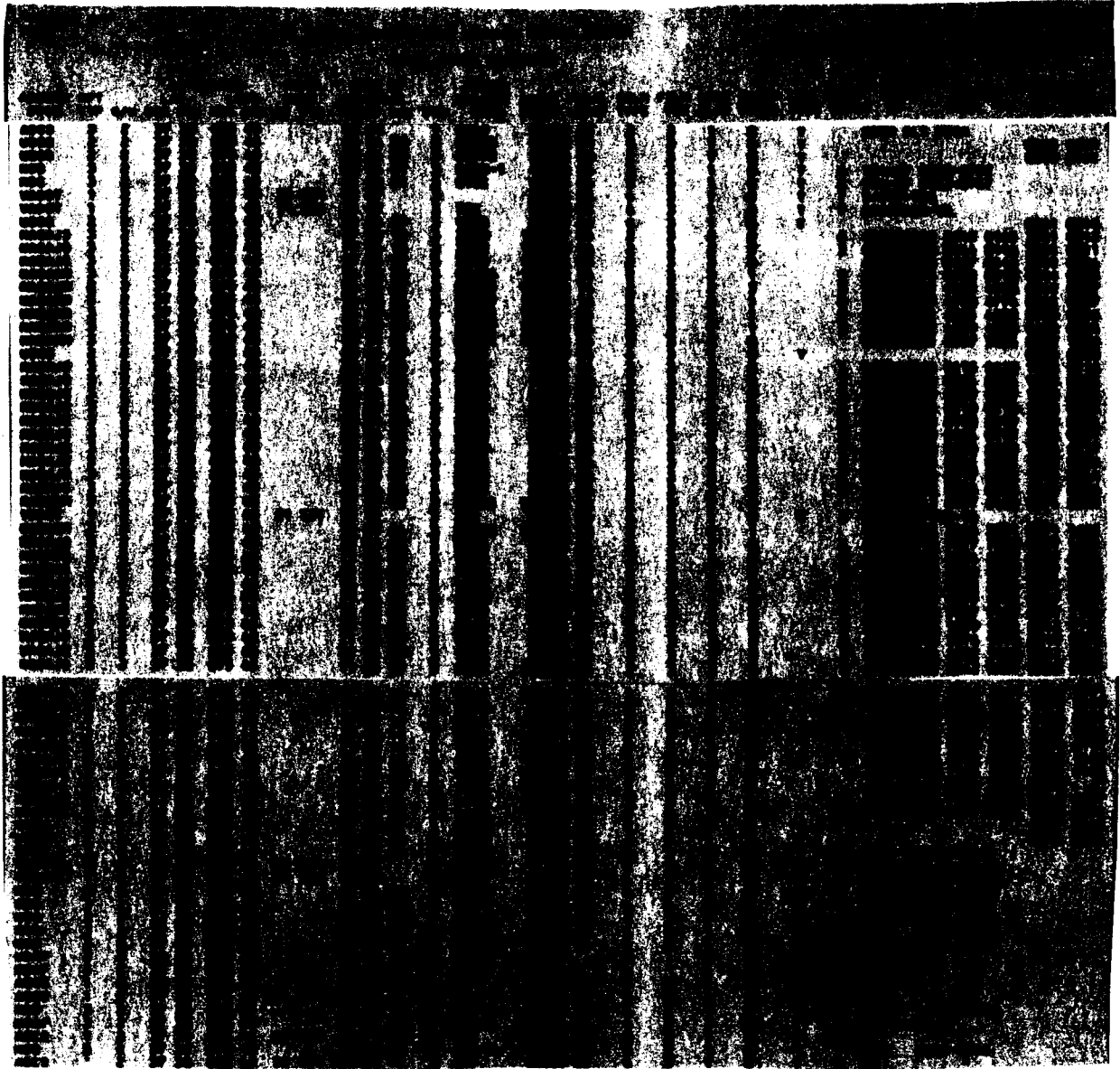
The image shows a document page that has been severely degraded by a high-contrast scan. The page is almost entirely black with vertical streaks and noise, making the original content completely illegible. Only faint horizontal lines and some dark rectangular shapes are visible, suggesting a table or form structure. The title 'Nassawadox' is visible at the top, and the number '7' is in the top right corner.

Quinby Inlet



Exmore

9



NO.	NAME	AGE	SEX	REL.	RES.	DATE	TIME	REMARKS
1	WACHAPREAGUE							
2	WACHAPREAGUE							
3	WACHAPREAGUE							
4	WACHAPREAGUE							
5	WACHAPREAGUE							
6	WACHAPREAGUE							
7	WACHAPREAGUE							
8	WACHAPREAGUE							
9	WACHAPREAGUE							
10	WACHAPREAGUE							
11	WACHAPREAGUE							
12	WACHAPREAGUE							
13	WACHAPREAGUE							
14	WACHAPREAGUE							
15	WACHAPREAGUE							
16	WACHAPREAGUE							
17	WACHAPREAGUE							
18	WACHAPREAGUE							
19	WACHAPREAGUE							
20	WACHAPREAGUE							
21	WACHAPREAGUE							
22	WACHAPREAGUE							
23	WACHAPREAGUE							
24	WACHAPREAGUE							
25	WACHAPREAGUE							
26	WACHAPREAGUE							
27	WACHAPREAGUE							
28	WACHAPREAGUE							
29	WACHAPREAGUE							
30	WACHAPREAGUE							
31	WACHAPREAGUE							
32	WACHAPREAGUE							
33	WACHAPREAGUE							
34	WACHAPREAGUE							
35	WACHAPREAGUE							
36	WACHAPREAGUE							
37	WACHAPREAGUE							
38	WACHAPREAGUE							
39	WACHAPREAGUE							
40	WACHAPREAGUE							
41	WACHAPREAGUE							
42	WACHAPREAGUE							
43	WACHAPREAGUE							
44	WACHAPREAGUE							
45	WACHAPREAGUE							
46	WACHAPREAGUE							
47	WACHAPREAGUE							
48	WACHAPREAGUE							
49	WACHAPREAGUE							
50	WACHAPREAGUE							
51	WACHAPREAGUE							
52	WACHAPREAGUE							
53	WACHAPREAGUE							
54	WACHAPREAGUE							
55	WACHAPREAGUE							
56	WACHAPREAGUE							
57	WACHAPREAGUE							
58	WACHAPREAGUE							
59	WACHAPREAGUE							
60	WACHAPREAGUE							
61	WACHAPREAGUE							
62	WACHAPREAGUE							
63	WACHAPREAGUE							
64	WACHAPREAGUE							
65	WACHAPREAGUE							
66	WACHAPREAGUE							
67	WACHAPREAGUE							
68	WACHAPREAGUE							
69	WACHAPREAGUE							
70	WACHAPREAGUE							
71	WACHAPREAGUE							
72	WACHAPREAGUE							
73	WACHAPREAGUE							
74	WACHAPREAGUE							
75	WACHAPREAGUE							
76	WACHAPREAGUE							
77	WACHAPREAGUE							
78	WACHAPREAGUE							
79	WACHAPREAGUE							
80	WACHAPREAGUE							
81	WACHAPREAGUE							
82	WACHAPREAGUE							
83	WACHAPREAGUE							
84	WACHAPREAGUE							
85	WACHAPREAGUE							
86	WACHAPREAGUE							
87	WACHAPREAGUE							
88	WACHAPREAGUE							
89	WACHAPREAGUE							
90	WACHAPREAGUE							
91	WACHAPREAGUE							
92	WACHAPREAGUE							
93	WACHAPREAGUE							
94	WACHAPREAGUE							
95	WACHAPREAGUE							
96	WACHAPREAGUE							
97	WACHAPREAGUE							
98	WACHAPREAGUE							
99	WACHAPREAGUE							
100	WACHAPREAGUE							

CONT.

Accomac

*** F08 ***
NCIC

AERIAL PHOTOGRAPHY SUMMARY RECORD SYSTEM

DATE: 10/10/87

*** F08 ***

INDEX CROSS REFERENCE

PAGE 300

AGENCY CODE	RPT TYP	O/W	SE CORNER		FIPS CODE	DATE OF COVERAGE	AGENCY PROJECT CODE	IMAGE SCALE	FOCAL LENGTH	FILM TYPE	FILM FRY	SENS CLS	CLOUD COVER	CAM SPEC	QUAD COVER	REMARKS OR SCENE		FRAMES FROM TO	CASSETTE NO. FRAME			
			DEG MIN	DEG MIN												ST	CTY			TR	NO	DAY
NACS	3	2	37	37	075	37	82 04	1	NMAP	50000	05	2	3	1	0	Y	HIGH ALT PRGM					
NASAA	3	2	37	37	075	37	84 07 05	3	03574	60000	04	2	3	9	1	4	584003574	2897	2899	0357	0294	
NASAA	3	2	37	37	075	37	84 07 05	3	03574	67000	04	2	3	9	1	3	584003574	2900	2902	0357	0297	
USGS	2	2	37	37	075	37	83 04 00	3	N3775	80000	04	4	3	1	0	Y				0083	0061	
USGS	2	2	37	37	075	37	83 04 00	3	N3775	50000	20	2	3	1	0	Y				0083	0161	
NDS	3	2	37	37	075	37	81 04 21	3	81EC-1	40000	04	3	3	1	0	Y	2	134-CF	0772-0782			
NDS	3	2	37	37	075	37	80 03 10	3	802-2	24000	04	3	3	1	0	Y	3	134-CF	4305-4353			
VADOT	1	2	37	37	075	37	78 07	3	78E	24000	04	4	3	1	0	Y	ACCORACK-VA					
VADOT	1	2	37	37	075	37	78 07	3	78E	24000	04	4	3	1	0	Y	5-697-705					
USGS	2	2	37	37	075	37	77 04 29	3	VE88	60000	04	2	3	2	0	Y				0061	0824	
NASAJ	3	2	37	37	075	37	77 04 12	3	3540	125000	04	2	3	2	1	0						
NASAJ	3	2	37	37	075	37	74 08 30	3	02416	131000	14	2	3	2	1	0						
NASAJ	3	2	37	37	075	37	74 05 22	3	02325	129000	14	2	3	2	1	0	8	574002325	4903	4908	0242	0257
NASAJ	3	2	37	37	075	37	74 02 25	3	02299	131000	14	2	3	2	1	0						
NASAJ	3	2	37	37	075	37	75 05 08	3	02092	130000	14	2	3	2	1	0	4	575002092	4221	4228	0158	0054
NASAJ	3	2	37	37	075	37	75 05 08	3	02092	130000	14	2	3	2	1	0						
NASAJ	3	2	37	37	075	37	74 07 21	3	01877	130000	04	2	3	2	2	0	8	574001877	0679	0680	0155	1502
NASAJ	3	2	37	37	075	37	74 05 20	3	01730	220000	04	2	3	2	0	0	9	574001730	8953	8958	0155	0082
NASAJ	3	2	37	37	075	37	74 05 20	3	01730	110000	04	2	3	2	1	0						
NASAJ	3	2	37	37	075	37	73 12 01	3	01567	120000	04	2	3	2	0	0						
NASAJ	3	2	37	37	075	37	73 11 17	3	2390	41632	04	3	3	2	0	0	6	573001567	6758	6766	0153	0261
NASAJ	3	2	37	37	075	37	73 11 17	3	2390	39434	04	3	3	2	0	0	4	62500140	8019	8020	0498	0235
NASAJ	3	2	37	37	075	37	73 11 17	3	2390	39434	04	3	3	2	0	0	5	62500140	8131	8132	0498	0235
NASAJ	3	2	37	37	075	37	73 11 17	3	2390	39434	04	3	3	2	0	0	4	62500140	8131	8132	0498	0235
NASAJ	3	2	37	37	075	37	73 11 17	3	2390	39434	04	3	3	2	0	0	3	62500140	8022	8023	0498	0449
NASAJ	3	2	37	37	075	37	73 11 17	3	2390	39434	04	3	3	2	0	0	2	62500140	8182	8182	0498	0396
NASAJ	3	2	37	37	075	37	73 11 17	3	2390	43288	04	3	3	2	0	0	2	62500140	8001	8002	0498	0417
NASAJ	3	2	37	37	075	37	73 11 17	3	2390	39434	04	2	3	2	0	0	2	62500150	8058	8068	0498	0565
NASAJ	3	2	37	37	075	37	73 11 17	3	2390	28736	04	3	3	2	0	0	2	625000140	0050	0061	0498	0274
NASAJ	3	2	37	37	075	37	73 11 17	3	2390	28736	04	3	3	2	0	0	2	62500150	0182	0182	0498	0429
NASAJ	3	2	37	37	075	37	73 11 17	3	2390	40000	04	2	3	2	0	0	2	62500150	0801	0801	0498	0448
NASAJ	3	2	37	37	075	37	73 11 09	3	01531	130000	04	2	3	2	0	0	3	573001531	5576	5585	0152	1375
NASAJ	3	2	37	37	075	37	73 11 09	3	01531	131000	04	2	3	2	0	0	2	573001531	5586	5586	0152	1365
NASAJ	3	2	37	37	075	37	73 11 09	3	01531	120000	04	2	3	2	0	0	5	573001531	5587	5604	0152	1366
NASAJ	3	2	37	37	075	37	73 10 27	3	01523	134000	04	2	3	2	1	0	7	573001523	5344	5345	0152	1217
NASAJ	3	2	37	37	075	37	73 10 27	3	01523	127000	04	2	3	2	0	0	6	573001523	5340	5345	0152	1211
NASAJ	3	2	37	37	075	37	73 08 07	3	2530	42716	04	3	3	2	0	0	2	625300090	0012	0014	0498	1017
USGS	2	2	37	37	075	37	73 04 29	3	VE81	70000	04	4	3	1	0	Y				0046	0579	
NASAJ	3	2	37	37	075	37	73 04 04	3	2390	39527	04	2	3	2	0	0	3	623000470	0228	0232	1282	1187
NASAJ	3	2	37	37	075	37	73 04 04	3	2390	39527	04	2	3	2	0	0	2	623000540	0200	0202	1283	0201
NASAJ	3	2	37	37	075	37	73 04 04	3	2390	40478	04	2	3	2	0	0	2	623000750	0119	0124	1283	0346
NASAJ	3	2	37	37	075	37	73 04 04	3	2390	41080	04	2	3	2	0	0	2	623000750	0199	0199	1283	0432
NASAJ	3	2	37	37	075	37	73 04 05	3	2390	40171	04	3	3	2	0	0	2	623000480	0131	0143	1282	1281
NASAJ	3	2	37	37	075	37	72 12 02	3	00043	130000	04	3	3	2	0	0	2	623000480	0110	0113	1282	1256
NASAJ	3	2	37	37	075	37	72 12 02	3	00043	130000	04	2	3	2	0	0	2	572000043	6437	6445	0174	0879
NASAJ	3	2	37	37	075	37	72 07 24	3	00538	132000	04	2	3	2	1	0	2	572000043	6467	6469	0174	0889
NASAJ	3	2	37	37	075	37	72 07 24	3	00538	131000	04	2	3	2	1	0	2	572000538	3852	3854	0171	1627
NASAJ	3	2	37	37	075	37	72 07 19	3	00523	131000	04	2	3	2	0	0	3	572000538	3844	3851	0171	1621
NASAJ	3	2	37	37	075	37	71 06 00	3	1010	19079	04	3	3	2	0	0	4	618100010	1748	1775	0517	0062
NASAJ	3	2	37	37	075	37	71 06 00	3	1010	19079	04	2	3	2	0	0	3	618100020	6060	6078	0517	0262
NASAJ	3	2	37	37	075	37	71 06 00	3	1010	19073	04	3	3	2	0	0	3	618100010	1841	1844	0517	0135
NASAJ	3	2	37	37	075	37	71 06 00	3	1010	19900	04	3	3	2	0	0	3	618100010	1832	1840	0517	0126
NASAJ	3	2	37	37	075	37	71 06 00	3	1010	19971	04	3	3	2	0	0	2	618100010	2190	2208	0517	0050
NASAJ	3	2	37	37	075	37	71 06 00	3	1010	19986	04	2	3	2	0	0	2	618100020	6947	6950	0517	0349
NASAJ	3	2	37	37	075	37	71 06 00	3	1010	20066	04	2	3	2	0	0	2	618100020	6936	6944	0517	0338
NASAJ	3	2	37	37	075	37	71 05 18	3	1660	127001	04	2	3	2	0	0	2	616600350	8416	8434	0680	0509
NASAJ	3	2	37	37	075	37	71 05 18	3	1660	84313	04	2	3	2	0	0	9	616600250	0059	0074	0680	0389
NASAJ	3	2	37	37	075	37	71 05 18	3	1660	12945	04	2	3	2	0	0	2	616600260	8425	8440	068	

Wallops Island (cont.)

AERIAL PHOTOGRAPHY SURVEY RECORD SYSTEM
IMAGE CROSS REFERENCE

DATE: 10/16/67
PAGE 412

LINE NO.	FILE NO.	FRAME NO.	COORDINATES	DESCRIPTION	DATE	TIME	PHOTOGRAPHER	REMARKS
1	010100000	7075	7099	0517	0663			
2	010100000	7077	7123	0517	0663			
3	010100000	7078	7107	0517	0663			
4	010100000	7214	7220	0517	0663			
5	010100000	7014	7034	0509	0509			
6	010100000	7017	7019	0509	0509			
7	010100000	7023	7074	0509	0509			
8	010100000	7025	7074	0509	0509			
9	010100000	7027	7074	0509	0509			
10	010100000	7028	7074	0509	0509			
11	010100000	7029	7074	0509	0509			
12	010100000	7030	7074	0509	0509			
13	010100000	7031	7074	0509	0509			
14	010100000	7032	7074	0509	0509			
15	010100000	7033	7074	0509	0509			
16	010100000	7034	7074	0509	0509			
17	010100000	7035	7074	0509	0509			
18	010100000	7036	7074	0509	0509			
19	010100000	7037	7074	0509	0509			
20	010100000	7038	7074	0509	0509			
21	010100000	7039	7074	0509	0509			
22	010100000	7040	7074	0509	0509			
23	010100000	7041	7074	0509	0509			
24	010100000	7042	7074	0509	0509			
25	010100000	7043	7074	0509	0509			
26	010100000	7044	7074	0509	0509			
27	010100000	7045	7074	0509	0509			
28	010100000	7046	7074	0509	0509			
29	010100000	7047	7074	0509	0509			
30	010100000	7048	7074	0509	0509			
31	010100000	7049	7074	0509	0509			
32	010100000	7050	7074	0509	0509			
33	010100000	7051	7074	0509	0509			
34	010100000	7052	7074	0509	0509			
35	010100000	7053	7074	0509	0509			
36	010100000	7054	7074	0509	0509			
37	010100000	7055	7074	0509	0509			
38	010100000	7056	7074	0509	0509			
39	010100000	7057	7074	0509	0509			
40	010100000	7058	7074	0509	0509			
41	010100000	7059	7074	0509	0509			
42	010100000	7060	7074	0509	0509			
43	010100000	7061	7074	0509	0509			
44	010100000	7062	7074	0509	0509			
45	010100000	7063	7074	0509	0509			
46	010100000	7064	7074	0509	0509			
47	010100000	7065	7074	0509	0509			
48	010100000	7066	7074	0509	0509			
49	010100000	7067	7074	0509	0509			
50	010100000	7068	7074	0509	0509			
51	010100000	7069	7074	0509	0509			
52	010100000	7070	7074	0509	0509			
53	010100000	7071	7074	0509	0509			
54	010100000	7072	7074	0509	0509			
55	010100000	7073	7074	0509	0509			
56	010100000	7074	7074	0509	0509			
57	010100000	7075	7074	0509	0509			
58	010100000	7076	7074	0509	0509			
59	010100000	7077	7074	0509	0509			
60	010100000	7078	7074	0509	0509			
61	010100000	7079	7074	0509	0509			
62	010100000	7080	7074	0509	0509			
63	010100000	7081	7074	0509	0509			
64	010100000	7082	7074	0509	0509			
65	010100000	7083	7074	0509	0509			
66	010100000	7084	7074	0509	0509			
67	010100000	7085	7074	0509	0509			
68	010100000	7086	7074	0509	0509			
69	010100000	7087	7074	0509	0509			
70	010100000	7088	7074	0509	0509			
71	010100000	7089	7074	0509	0509			
72	010100000	7090	7074	0509	0509			
73	010100000	7091	7074	0509	0509			
74	010100000	7092	7074	0509	0509			
75	010100000	7093	7074	0509	0509			
76	010100000	7094	7074	0509	0509			
77	010100000	7095	7074	0509	0509			
78	010100000	7096	7074	0509	0509			
79	010100000	7097	7074	0509	0509			
80	010100000	7098	7074	0509	0509			
81	010100000	7099	7074	0509	0509			
82	010100000	7100	7074	0509	0509			
83	010100000	7101	7074	0509	0509			
84	010100000	7102	7074	0509	0509			
85	010100000	7103	7074	0509	0509			
86	010100000	7104	7074	0509	0509			
87	010100000	7105	7074	0509	0509			
88	010100000	7106	7074	0509	0509			
89	010100000	7107	7074	0509	0509			
90	010100000	7108	7074	0509	0509			
91	010100000	7109	7074	0509	0509			
92	010100000	7110	7074	0509	0509			
93	010100000	7111	7074	0509	0509			
94	010100000	7112	7074	0509	0509			
95	010100000	7113	7074	0509	0509			
96	010100000	7114	7074	0509	0509			
97	010100000	7115	7074	0509	0509			
98	010100000	7116	7074	0509	0509			
99	010100000	7117	7074	0509	0509			
100	010100000	7118	7074	0509	0509			

Chincoteague East (cont.)

AERIAL PHOTOGRAPHY CONTROL BOARD SYSTEM		DATE: 10/10/67	
TIME: 08:00		PAGE: 08	
1	1287	1287	1287
2	1287	1287	1287
3	1287	1287	1287
4	1287	1287	1287
5	1287	1287	1287
6	1287	1287	1287
7	1287	1287	1287
8	1287	1287	1287
9	1287	1287	1287
10	1287	1287	1287
11	1287	1287	1287
12	1287	1287	1287
13	1287	1287	1287
14	1287	1287	1287
15	1287	1287	1287
16	1287	1287	1287
17	1287	1287	1287
18	1287	1287	1287
19	1287	1287	1287
20	1287	1287	1287
21	1287	1287	1287
22	1287	1287	1287
23	1287	1287	1287
24	1287	1287	1287
25	1287	1287	1287
26	1287	1287	1287
27	1287	1287	1287
28	1287	1287	1287
29	1287	1287	1287
30	1287	1287	1287
31	1287	1287	1287
32	1287	1287	1287
33	1287	1287	1287
34	1287	1287	1287
35	1287	1287	1287
36	1287	1287	1287
37	1287	1287	1287
38	1287	1287	1287
39	1287	1287	1287
40	1287	1287	1287
41	1287	1287	1287
42	1287	1287	1287
43	1287	1287	1287
44	1287	1287	1287
45	1287	1287	1287
46	1287	1287	1287
47	1287	1287	1287
48	1287	1287	1287
49	1287	1287	1287
50	1287	1287	1287
51	1287	1287	1287
52	1287	1287	1287
53	1287	1287	1287
54	1287	1287	1287
55	1287	1287	1287
56	1287	1287	1287
57	1287	1287	1287
58	1287	1287	1287
59	1287	1287	1287
60	1287	1287	1287
61	1287	1287	1287
62	1287	1287	1287
63	1287	1287	1287
64	1287	1287	1287
65	1287	1287	1287
66	1287	1287	1287
67	1287	1287	1287
68	1287	1287	1287
69	1287	1287	1287
70	1287	1287	1287
71	1287	1287	1287
72	1287	1287	1287
73	1287	1287	1287
74	1287	1287	1287
75	1287	1287	1287
76	1287	1287	1287
77	1287	1287	1287
78	1287	1287	1287
79	1287	1287	1287
80	1287	1287	1287
81	1287	1287	1287
82	1287	1287	1287
83	1287	1287	1287
84	1287	1287	1287
85	1287	1287	1287
86	1287	1287	1287
87	1287	1287	1287
88	1287	1287	1287
89	1287	1287	1287
90	1287	1287	1287
91	1287	1287	1287
92	1287	1287	1287
93	1287	1287	1287
94	1287	1287	1287
95	1287	1287	1287
96	1287	1287	1287
97	1287	1287	1287
98	1287	1287	1287
99	1287	1287	1287
100	1287	1287	1287

APPENDIX C: TIDAL INLETS LISTING

LITTLE GASPARILLA PASS, FL
 0270 ASCS DMV 1LL7134 040 BN
 0071 NOAA 71-L 101715043 060 BN
 0273 MNAS UNR 1910* 020 BI

LITTLE INLET, VA
 LAT 37 11 N, LONG 75 49 W
 NOS CHART NO. 563
 GEOREF GRID SQUARE 0JQH

0249 ASCS ANR 1E/29 020 BN
 0595 USGS 17TRS00 90 010 BN
 0595 USGS 17TRS00 103 00L BN
 1037 ASCS ANR 4T/43 020 BN
 0062 NOAA 62-L 2943 020 BN
 0062 NOAA 62-S 3241 020 BN
 0062 NOAA 62-S(C) 2375 003 BL
 0062 NOAA 62-W 3961 020 BN
 0062 USGS AF-62-T 1090,1099 009 BN
 0362 USGS MATS62-I 1162,1164 009 BN
 0362 NADE 62AMS 225-230/191*197 009 BN
 0066 NOAA 66-W(C) 3050 020 BL
 0571 NASA 166/160 25/003 060 BI
 0571 NASA 166/160 10/002* 020 BN
 0571 NASA 166/160 24/0420 020 BL
 1071 NASA 187/224 19/9453 040 BL
 1071 NASA 187/224 21/0160 040 BN

93

LITTLE MARCO PASS, FL
 LAT 26 00 N, LONG 81 49 E
 NOS CHART NO. 1054
 GEOREF GRID SQUARE 0HJM

0040 TORC UNR 32S147E 040 BN
 0091 USGS GS-N5 22R11 020 BN
 0093 SCS DSM 1L/20 020 BN
 0063 ASCS DSM 1DD/256 020 BN
 0065 NOAA 65-L(C) 9211,9212 020 BL
 0065 NOAA 65-L(C) 9202R 039 BL
 0069 NOAA 69-L 5020 040 BL
 1069 NASA 112/140 3/70004 020 BL
 1069 NASA 112/140 3/123 062 BI
 1069 NASA 112/140 1A/063* 024 BN
 1069 NASA 112/140 20/063 062 BI
 0071 USGS 710 15607 060 BN
 0071 USGS 71L 15607,15608 060 BN
 0171 USGS GS/SWEB 2/129 090 BN
 0273 MNAS UNR 1090* 024 BI

LITTLE PASS, FL
 LAT 27 50 N, LONG 82 50 W
 NOS CHART NO. 1257
 GEOREF GRID SQUARE 0HWN

0042 TORC UNR 17S130E 020 BN

030	BW	0062	NOAA			020	BW
UNK	BW	0264	ASCS	AOR	2EE/2,3	020	BW
062	BW	0068	NOAA	68-E	3283	060	CI
124	CL	0970	NASA	144/244	48/452	120	BW
006	EL	0970	NASA	144/244	49/035*		

SCALE	FILM	DATE	AGENCY	PROJECT	EXPOSURE	SCALE	FILM
120	CL						
020	BW						
120	BW						
120	CL						
130	CI						
130	CI						
				BUNGALOW INLET, VA LAT 37 09 N, LONG 75 51 W NOS CHART NO. 563 GEOREF GRID SQUARE 8JQH			
		0249	ASCS	ANP	1E/35	020	BW
		0555	USGS	17TRS06	88,90	010	BW
		1057	ASCS	ANP	5T/67,66	020	BW
		0059	NOAA	59-W	9515	025	BW
		0062	NOAA	62-S(C)	2367,2369	003	CL
020	BW	0062	USGS	AF-62-7	1085,1087,1089	005	BW
020	BW	0062	NOAA	62-L	2868	020	BW
020	BW	0062	NOAA	62-S	3244	020	BW
020	BW	0062	NOAA	62-W	4009,3963	020	BW
030	BW	0362	USGS	MATS62-1	1145-1148	005	BW
020	IR	0362	NAOE	62AMS	217-220,181-184	005	BW
010	BW	0970	NASA	144/244	10/7181*	120	CL
020	BW	0970	NASA	144/244	12/295	060	CI
080	BW	0571	NASA	166/168	25/003	060	CI
020	CL	0571	NASA	166/168	24/5429	120	CL
024	CI	0571	NASA	166/168	18/002*	120	BW
		1071	NASA	187/224	19/9452	048	CL
		1071	NASA	187/224	21/017*	048	BW
		0872	NASM	72/146	00637/3373	130	CL
		1272	NASM	72/208	00843/6460	130	CI

DATE	AGENCY	PROJECT	EXPOSURE	SCALE	FILM
0769	NASA	SILETZ RIVER ENTRANCE, OR 100/7	2/010*	060	BW
0071	CRTD	WACJA70	5/43	063	BW
0071	OSHD	OC-13	10/10,11	012	CL
0772	NASM	72/114A	00513/3285	131	CI
0773	NASM	73/127A	01366/0234	033	CI
SIJUSLAW RIVER ENTRANCE, OR LAT 44 01 N, LONG 124 08 W NOS CHART NO. 6023 GEOREF GRID SQUARE					
0045	USAF	5M-161	5,22 (311RW)	009	BW
1052	ASCS	DBO	17H/32	020	BW
0054	USGS	VFA	2/41	037	BW
0055	NOAA	55-W	1053,1054	013	BW
0965	NASA	13/7	0814-0820	030	BW
0066	BLM	E-SUIS	1/7-9	012	BW
0066	USFS	REC12-6-2	1/22	024	BW
0067	NOAA	67-L	2954,2955	020	CL
		67-L	2957,2972		
0067	OSHD	OC-3	33/1	006	BW
0069	USFS	FTJ	1/121	016	BW
0769	NASA	100/7	1/053	060	CI
0769	NASA	100/7	2/017*	060	BW
0769	NASA	100/7	1/3038*	120	CL
0071	CRTD	WACJA70	4/23	063	BW
0772	NASM	72/128A	00570/2190	132	CI

DATE	AGENCY	PROJECT	EXPOSURE	SCALE	FILM
0773	NASM	SIJUSLAW RIVER ENTRANCE, OR 73/127A	01365/0117	131	BW
0773	NASM	73/127A	01366/0263	033	CI
SKULL INLET, SC LAT 32 18 N, LONG 80 30 W NOS CHART NO. 793 GEOREF GRID SQUARE GJKC					
0039	NARC	CDU	2/23	020	BW
0251	ASCS	CDU	2H/32	020	BW
1159	ASCS	CDU	1AA/46	020	BW
0068	USGS	AF68-24	1095	040	BW
0070	NOAA	70-L	9937A	040	CL
0070	NOAA	70-L	9969A,9970A	020	CL
0872	NASM	72/144	00627/2927	130	CI
0972	NASM	72/167	00694/4220	130	CI
0973	NASM	73/158	01453/4206	130	CL
SMITH ISLAND INLET, VA LAT 37 07 N, LONG 75 55 W NOS CHART NO. 563 GEOREF GRID SQUARE GJOH					
0538	NARC	ANP	22/18	020	BW
0249	ASCS	ANP	2E/36	020	BW
0549	ASCS	ANP	3E/15-17	020	BW
0555	USGS	17TRS06	138,140,142	010	BW
0555	USGS	17TRS06	51	08L	BW

841

149

DATE	AGENCY	PROJECT	EXPOSURE	SCALE	FILM
		SMITH ISLAND INLET, VA			
1057	ASCS	ANP	47/126,195	020	BW
0062	USGS	AF-62-7	1063-1073	005	BW
0062	NOAA	62-L	2862,2865,2873	020	BW
0062	NOAA	62-S	3251,3249	020	BW
0062	NOAA	62-W	3976,3978	020	BW
0062	NOAA	62-S(C)	2358,2360,2362	003	CL
		62-S(C)	2394,2396,2398		
		62-S(C)	2356,2354,2352		
0362	NADE	62AMS	203-208,165-172	005	BW
0066	NOAA	66-W(C)	3863,3865,3869	020	CL
		66-W(C)	3871,3873		
0970	NASA	144/244	12/295	060	CL
0970	NASA	144/244	10/7181*	120	CL
0571	NASA	166/168	18/001*	120	BW
0571	NASA	166/168	25/002	060	CL
0571	NASA	166/168	24/5428	120	CL
1071	NASA	187/224	21/129*	048	BW
1071	NASA	187/224	19/9563	049	CL
0872	NASM	72/146	00637/3373	130	CL
1272	NASM	72/208	00843/6459	130	CL
		SMITH RIVER ENTRANCE, CA LAT 41 56 N, LONG 124 12 W NOS CHART NO. 5702 GEOREF GRID SQUARE DJLM			
0043	CFL	29TH ENG	02B/W4	040	BW
0055	USGS	GS-VIU	1/22,23	024	BW

DATE	AGENCY	PROJECT	EXPOSURE	SCALE	FILM
		SMITH RIVER ENTRANCE, CA			
0056	USAF	82-498	48 (71SRW)	032	BW
0064	USGS	GS-VAXK	1/69	030	BW
0065	SCS	ETP	1FF/7	020	BW
0572	NASA	202/254	12/119	010	CL
1072	NASM	72/175A	00726/6558	129	CL
0173	NASM	73/003A	00882/7331	125	CL
0473	NASM	73/051A	01059/0445	131	CL
0473	NASM	73/054A	00995/0034	125	CL
0473	NASM	73/054A	00996/0169	032	CL
0573	NASM	73/074B	01171/1285	129	CL
0773	NASM	73/127A	01366/0335	034	CL
1273	NASM	73/207A	01583/0066	128	BW
1273	NASM	73/207A	01585/0255	033	CL
0474	NASM	74/054A	01673/0256	032	CL
0474	NASM	74/067B	01736/0225	033	CL
		SOUTH EDISTO RIVER ENTRANCE, SC LAT 32 31 N, LONG 80 21 W NOS CHART NO. 793 GEOREF GRID SQUARE GJMC			
0039	NARC	ASS	1/37-39	020	BW
0039	NARC	CDV	2/74	020	BW
0448	ASCS	CDV	2E/1	020	BW
0349	ASCS	CDV	9F/89,147-153	020	BW
0053	NOAA	53-J	3115,3116	010	BW
0054	NOAA	54-T	24-27	020	BW

DATE	AGENCY	PROJECT	EXPOSURE	SCALE	FILM
0573	GECO	SMINNCOCK INLET, NY 14973	SH/541-945	010	CL

SHIP ISLAND PASS, MS
LAT 30 13 N, LONG 88 59 W
NOS CHART NO. 1267
GEOREF GRID SQUARE QJBA

0869	NASA	110/198	1/4854*	124	CL
0870	NASA	150/198	1/0700-0710	004	CL
0870	NASA	150/198	9/1516	050	CL
0771	NASA	182/198	18/9868=9872	042	CL
0971	NASA	180/137	30/039	060	CI
0971	NASA	180/137	31/018*	120	CI
0971	NASA	180/137	29/3191	120	CI
0172	NASA	192/198	23/114=116	070	BW
0572	NASA	199/198	17/0054=0056	035	CL

SHIP SHOAL INLET, VA
LAT 37 13 N, LONG 75 48 W
NOS CHART NO. 1222
GEOREF GRID SQUARE RJOH

0249	ASCS	ANP	1E/27	020	BW
0055	NOAA	55-W	4590	020	BW
0555	USGS	17TRS86	104	08L	BW
0555	USGS	17TRS86	116,118	010	BW
1057	ASCS	ANP	4T/39,40	020	BW
0059	NOAA	59-W	9519,9520	025	BW

DATE	AGENCY	PROJECT	EXPOSURE	SCALE	FILM
0062	NOAA	SHIP SHOAL INLET, VA 62-S(C)	2377,2379	003	CL

0062	NOAA	62-S	1980,3240	020	BW
0062	NOAA	62-L	2872	020	BW
0062	NOAA	62-W	3965,3966	020	BW
0362	USGS	MATS62-1	1154-1157	005	BW
0362	NAOE	62AMS	229-238	005	BW
0066	NOAA	66-W(C)	3856	020	CL
0970	NASA	144/244	10/7180*	120	CL
0571	NASA	166/168	18/002*	120	BW
0571	NASA	166/168	25/003	060	CI
0571	NASA	166/168	24/5429	120	CL
1071	NASA	187/224	21/016*	048	BW
1071	NASA	187/224	19/9450	048	CL
0872	NASM	72/146	00637/3373	130	CL
1272	NASM	72/208	00843/6460	130	CI
0373	NASM	73/046B	01074/0270	130	CL
0673	NASM	73/088	01220/2472	130	CL

SILETZ RIVER ENTRANCE, OR
LAT 44 56 N, LONG 124 02 W
NOS CHART NO. 5902
GEOREF GRID SQUARE DJLO

1052	ASCS	DFL	13H/10,12	020	BW
0067	OSHD	0C-8	23/10-16	006	BW
0769	NASA	100/7	1/3039*	120	CL
0769	NASA	100/7	1/046	060	CI

DATE AGENCY PROJECT EXPOSURE SCALE FILM

NEW INLET, MA
LAT 42 30 N. LONG 70 42 W
NOS CHART NO. 1207
GEOREF GRID SQUARE RJEN

0457 NESS 9037 774-776;805-809 007 BW
0468 AASC 2590 CGL/138=145 006 BW
0969 NASA 103/178 6/064 068 CL
0969 NASA 103/178 4/059* 120 BW
0969 NASA 103/178 5/5963* 120 CL
0872 NASM 72/146 00637/3373 130 CL
1272 NASM 72/208 00843/6460 130 CI
0373 NASM 73/046B 01074/0270 130 CL
0673 NASM 73/088 01220/2472 130 BL

NEW INLET, VA
LAT 37 15 N. LONG 75 49 W
NOS CHART NO. 1222
GEOREF GRID SQUARE BJQH

0249 ASCS ANP 1E/25,2R/55 020 BW
0055 NOAA 55-W 4592 020 BW
0555 USGS 17TRS06 118 08L BW
0057 ASCS ANP 3T/209;4T/36 020 BW
0059 NOAA 59-W 9520 025 BW
0062 NOAA 62-L 2840 020 BW
0062 NOAA 62-S 1978 020 BW

DATE AGENCY PROJECT EXPOSURE SCALE FILM

NEW INLET, VA

0062 NOAA 62-S(C) 2401 003 CL
0062 NOAA 62-W 3958 020 BW
0362 NAOE 62AMS 239-247 009 BW
0362 USGS MATS62-1 V/1143-1145 009 BW
0066 NOAA 66-W(C) 3854,3883 020 CL
0970 NASA 144/244 19/7301* 120 CL
0970 NASA 144/244 22/035* 120 BW
0970 NASA 144/244 10/7180* 120 CL
0571 NASA 166/168 18/002* 120 BW
0571 NASA 166/168 24/5430 120 CL
0571 NASA 166/168 25/004 060 CI
1071 NASA 187/224 19/9449 048 CL
1071 NASA 187/224 21/015 048 BW

NEW PASS, FL
LAT 27 20 N. LONG 82 35 W
NOS CHART NO. 1256
GEOREF GRID SQUARE BHMN

0043 CFL 485 3/7 048 BW
0343 CFL 245 23/117;24/18 014 BW
0445 CFL 5H=168 26 (350 BU) 020 BW
0445 NOAA 45-C 3149,3150 020 BW
0047 NOAA 47-J 366 024 BW
0048 TORC UNK 22S140E 020 BW
0248 ASCS DEW 10/41,50 020 BW
0252 NOAA 52-O 342-344 024 BW

DATE	AGENCY	PROJECT	EXPOSURE	SCALE	FILM
		SAND SHOAL INLET, VA LAT 37 17 N, LONG 75 47 W NOS CHART NO. 563 GEOREF GRID SQUARE 8J0H			
0249	ASCS	ANR	1E/20,2E/58	020	BW
0055	NOAA	55-W	4594,4595	020	BW
1057	ASCS	ANR	3T/202I4T/36	020	BW
0059	NOAA	59-W	9523	025	BW
0061	NOAA	61-W(C)	6876,6877	010	BW
0062	NOAA	62-S	1962,1964	020	BW
0062	NOAA	62-S(C)	2400,2410	003	BL
0062	NOAA	62-W	3929,3931	020	BW
0062	USGS	AF-62-7 AF-62-7	1127,1129 1131,1133	005	BW
0362	USGS	MATS62-I	1137,1138	005	BW
0362	NADE	62AM5	252-263	005	BW
0066	NOAA	66-W(C)	3963,3884,4035	020	BL
0970	NASA	144/244	21/512	060	BI
0970	NASA	144/244	19/7301*	120	BL
0970	NASA	144/244	22/035*	120	BW
0970	NASA	144/244	10/7179*	120	BL
0571	NASA	166/168	18/002*	120	BW
0571	NASA	166/168	25/004	060	BI
0571	NASA	166/168	24/5430	120	BL
1071	NASA	187/22#	21/014*	048	BW
1071	NASA	187/22#	19/9448	048	BL

DATE	AGENCY	PROJECT	EXPOSURE	SCALE	FILM
		SAND SHOAL INLET, VA			
1272	NASM	72/200	00843/6461	130	BI
0373	NASM	73/046B	01074/0270	130	BL
0673	NASM	73/08B	01220/2472	130	BL
		SAN FRANCISCO BAY ENTRANCE, CA LAT 37 48 N, LONG 122 28 W NOS CHART NO. 5532 GEOREF GRID SQUARE 8JNH			
0042	CFL	40B	VV40B	026	BW
0046	USGS	05-CP	1/24-26	023	BW
0049	CFL	9M2B	VV1,VV2	050	BW
0051	CFL	50M-10A	61-65,89-94	010	BW
0052	CFL	52-10	20,22,30	025	BW
0053	CFL	TAC-55B	8,10	012	BW
0055	NOAA	55-W	8059	020	BW
0056	CFL	25-609A	VT26 (71SRW)	060	BW
0056	CFL	NORVA7-2A	21	030	BW
0056	CFL	NORVA6-4B	68 (VAPP62)	060	BW
0056	USGS	GS-VLX	1/128,174,176	024	BW
0059	CFL	AF59-95	6/301	060	BW
0060	CFL	AF59-45	745	062	BW
0061	NOAA	61-W	1383,1384	036	BW
0062	CFL	TAC-60-2#	V1-V6,V17	024	BW
0063	NOAA	63-M	2492	060	BW
0064	NOAA	64-S 64-S	8551-8555 8559-8568	020	BL

DATE	AGENCY	PROJECT	EXPOSURE	SCALE	FILM
		GREAT EGG INLET, NJ			
0768	NJBN	4748	13/2	020	BW
1068	NJBN	NJC-5	132,134,136	010	BW
0469	NJBN	NJC-5	133,135,137	010	BW
1069	NJBN	NJC-6	137,139,141	010	BW
0070	ASCS	CMY	1LL/76	040	BW
0070	ASCS	EAR	1LL/4	040	BW
0070	NOAA	70-L(C)	8515	040	CL
0370	NJBN	NJC-7	108,110,112	010	BW
0071	NJBN	CJP-COL	3031,4361	012	CI
0371	NJBN	NJC-8	226,228,230	010	BW
0471	NJBN	NJC-9	221,223	010	BW
0972	NASM	72/169	00699/088	130	CL
1072	NASM	72/179A	00731/5083	130	CL
1272	NASM	72/209	00848/6709	130	CI
0373	NASM	73/046A	01034/0140	130	CL
		GREAT MACHIPONGO INLET, VA LAT 37 24 N, LONG 75 43 W NOS CHART NO. 1221 GEOREF GRID SQUARE 8JQH			
0249	ASCS	ANR	2E/95,104	020	BW
0055	NOAA	55-W	4599,4600	020	BW
1057	ASCS	ANP	3T/117,119,123	020	BW
0059	NOAA	59-W	9527	025	BW
0061	NOAA	61-W(C)	6911,6912	010	BW
0062	NOAA	62-L	2779,2781	020	BW

76

DATE	AGENCY	PROJECT	EXPOSURE	SCALE	FILM
		GREAT MACHIPONGO INLET, VA			
0062	NOAA	62-9	1953,1955	020	BW
0062	NOAA	62-S(C)	2413,2414	003	CL
0062	NOAA	62-W	3936,3952	020	BW
0062	USGS	AF-62-7	1148-1153	005	BW
0362	USGS	MATS62-1	V1487,V1488	005	BW
0362	USGS	MATS62-1	1112-1117	005	BW
0066	NOAA	66-W(C)	4029-4031	020	CL
0970	NASA	144/244	19/7301*	120	CL
0970	NASA	144/244	22/035*	120	BW
0571	NASA	166/168	18/003*	120	BW
0571	NASA	166/168	25/005	060	CI
0571	NASA	166/168	24/5431	120	CL
0671	NASA	181/174	1/2002	020	CL
0671	NASA	181/174	4/0559*	040	BW
1071	NASA	187/224	21/013*	048	BW
1071	NASA	187/224	19/9447	048	CL
0772	NASM	72/121	00538/3856	130	CI
1272	NASM	72/208	00843/6462	130	CI
0373	NASM	73/046B	01074/0270	130	CL
0673	NASM	73/088	01220/2472	130	CL
		GREAT POND ENTRANCE, MA LAT 41 33 N, LONG 70 35 W NOS CHART NO. 259 GEOREF GRID SQUARE HJEM			
0460	NESS	23831	1250	007	BW

DATE	AGENCY	PROJECT	EXPOSURE	SCALE	FILM	DATE	AGENCY	PROJECT	EXPOSURE	SCALE	FILM	
		PUDDING CREEK ENTRANCE, CA							QUINBY INLET; VA			
1072	NASM	72/175A	00726/6583	129	BI	0055	NOAA	95-W	4605	020	BW	
0173	NASM	73/003A	00802/7355	126	CI	1057	ASCS	ANP	2T/180	020	BW	
1273	NASM	73/207A	01503/0042	130	BW	0059	NOAA	59-W	9532	020	BW	
0474	NASM	74/067B	01736/0133	033	CI	0062	NOAA	62-L	2772	020	BW	
		QUANTUCK INLET, NY LAT 40 48 N, LONG 72 37 W NOS CHART NO. 1212 GEOREF GRID SQUARE HJCL					0062	NOAA	62-S	1947	020	BW
		QUATRE BAYOU PASS, LA LAT 29 18 N, LONG 89 51 W NOS CHART NO. 1273 GEOREF GRID SQUARE BHAQ					0062	NOAA	62-S(C)	2423,2424	003	CL
0363	LKBI	2015	664/086	010	BW	0062	NOAA	62-W	3890,3891	020	BW	
		QUINBY INLET; VA					0062	USGS	AF-62-7	1173,1175,1177	005	BW
0051	TORC	UNK	06S082E	020	BW	0362	USGS	MATS62-1	1111	005	BW	
0058	TORC	UNK	06S082E	UNK	BW	0362	NAOE	62AMS	298-303	005	BW	
0372	NASA	194/120	15/021*	120	BW	0066	NOAA	66-W(C)	4023	020	CL	
0372	NASA	194/120	12/0046	120	CL	0970	NASA	144/244	22/036*	120	BW	
0572	NASA	199/302	23/0025	035	CL	0970	NASA	144/244	19/7302*	120	CL	
		QUINBY INLET; VA					0571	NASA	166/168	25/006	060	CI
		LAT 37 28 N, LONG 75 40 W NOS CHART NO. 1221 GEOREF GRID SQUARE GJQH					0571	NASA	166/168	24/5432	120	CL
0249	ASCS	ANP	2E/113,126	020	BW	0571	NASA	166/168	18/003*	120	BW	
0349	ASCS	ANO	1E/174	020	BW	0671	NASA	181/174	4/0553*	040	BW	
		QUINBY INLET; VA					0671	NASA	181/174	1/1996	020	CL
		LAT 37 28 N, LONG 75 40 W NOS CHART NO. 1221 GEOREF GRID SQUARE GJQH					1071	NASA	187/224	19/9444	048	CL
		QUINBY INLET; VA					1071	NASA	187/224	21/010*	048	BW
		LAT 37 28 N, LONG 75 40 W NOS CHART NO. 1221 GEOREF GRID SQUARE GJQH					0772	NASM	72/121	00538/3856	130	CI
		QUINBY INLET; VA					1272	NASM	72/208	00843/6463	130	CI
		LAT 37 28 N, LONG 75 40 W NOS CHART NO. 1221 GEOREF GRID SQUARE GJQH										

DATE	AGENCY	PROJECT	EXPOSURE	SCALE	FILM
		VENTURA MARINA, CA LAT 34 15 N, LONG 119 16 W NOS CHART NO. 5120 GEOREF GRID SQUARE FJAE			
0471	NASA	164/254	29/3675	120	01
0471	NASA	164/254	32/409	060	01
0572	NASA	202/254	22/26,27	020	0L
0772	NASM	72/112A	00498/2907	129	01
1072	NASM	72/174A	00721/5016	131	01
1072	NASM	72/189A	00786/6959	131	01
1172	NASM	72/194A	00802/7492	127	01
0473	NASM	73/052A	01064/8847	132	0L
0773	NASM	73/108A	01304/0063	08L	0L
0773	NASM	73/108A	01304/0065	032	0L
0474	NASM	74/053A	01672/0015	033	0L
		WACHAPREAGUE INLET, VA LAT 37 05 N, LONG 75 37 W NOS CHART NO. 1221 GEOREF GRID SQUARE 8J0H			
1149	ASCS	AND	4E/32,44,45	020	BW
0395	NOAA	55-W	4606,4607	020	BW
1057	ASCS	AND	2T/167,169	020	BW
1157	ASCS	AND	5T/138,140	020	BW
1059	NOAA	59-W	9488,9537	025	BW

162

DATE	AGENCY	PROJECT	EXPOSURE	SCALE	FILM
		WACHAPREAGUE INLET, VA			
0062	NOAA	62-L	2760,2762,2764	020	BW
0062	NOAA	62-S(C)	2430,2432	030	0L
0062	USGS	AF-62-Z	2,4,6	005	BW
0362	NAOE	62AMB	333-337;328-331	005	BW
0362	NOAA	62-S	1937,1939,1933	020	BW
0362	USGS	MATS62-1	1073,1075,1077	005	BW
0462	NOAA	62-W	3078,3080,3082	020	BW
0066	NOAA	66-L	3497R,3504R	030	1R
1066	NOAA	66-W(C)	4014,4015,3942	020	0L
0167	USGS	SWBA	2/59,61,66,68	021	BW
0267	USGS	SWBK-1	1/221,222	041	BW
0970	NASA	144/244	19/7300*	120	0L
0970	NASA	144/244	21/511	060	01
0970	NASA	144/244	22/034*	120	BW
0571	NASA	166/168	24/5434	120	0L
0571	NASA	166/168	18/004*	120	BW
0571	NASA	166/168	25/008	060	01
0671	NASA	181/174	4/0456*	040	BW
0671	NASA	181/174	1/1989	020	0L
1071	NASA	187/224	21/008*	040	BW
1071	NASA	187/224	19/9441	040	0L
0772	NASM	72/121	00538/3855	130	01
1272	NASM	72/208	00843/6464	130	01

DATE	AGENCY	PROJECT	EXPOSURE	SCALE	FILM
		GALVESTON ENTRANCE, TX			
0472	NASA	197/175	46/0026*	120	BW
0472	NASA	197/175	41/0051	120	BW
		GARGATHY INLET, VA LAT 37 47 N, LONG 75 32 W NOS CHART NO. 1221 GEOREF GRID SQUARE 8JQH			
0049	NOAA	49-8	566	040	BW
1149	ASCS	AND	4E/106	020	BW
1057	ASCS	AND	2T/95	020	BW
0059	NOAA	59-W	9980	025	BW
0062	NOAA	62-W	3860	020	BW
0062	NOAA	62-L	2677	020	BW
0062	NOAA	62-S	1919	020	BW
0062	USGS	AF-62-7	48,50,52	005	BW
0362	NAOE	62AMS	389-391	005	BW
0362	USGS	MATS62-1	V1551, V1552	005	BW
1063	ASCO	1344	14/111, 112	024	BW
0066	NOAA	66-W(C)	3930, 3929	020	CL
0069	NOAA	69-E(C)	3100	020	BW
0969	NASA	104/174	6/8560, 8561*	012	CL
0969	NASA	104/174	13/01-03*	120	CL
0970	NASA	144/244	19/7298*	120	CL
0970	NASA	144/244	22/033*	120	BW
0970	NASA	144/244	21/507	060	CL
0571	NASA	166/168	18/005*	120	BW

DATE	AGENCY	PROJECT	EXPOSURE	SCALE	FILM
		GARGATHY INLET, VA			
0571	NASA	166/168	24/5436	120	CL
0671	NASA	181/174	1/2118	020	CL
0671	NASA	181/174	4/0672*	040	BW
1071	NASA	187/224	21/004*	040	BW
1071	NASA	187/224	19/9437	040	CL
0772	NASM	72/121	00538/3853	130	CL
1272	NASM	72/208	00843/6466	130	CL
1272	NAPE	72/118	18/9, 19/1	012	BW
		GASPARILLA PASS, FL LAT 26 49 N, LONG 82 15 W NOS CHART NO. GHM GEOREF GRID SQUARE 8HMM			
0043	CFL	485	1/22	040	BW
0043	TORC	UNK	26S143E	020	BW
0643	CFL	US1-6M5	19, 20	011	BW
0051	USGS	GS-N3	6/41	020	BW
1251	ASCS	DMV	14/40	020	BW
0566	NASA	23/106	3/8528, 8529	030	CL
0068	NOAA	68-E(C)	1803	020	CL
1069	NASA	112/146	3/7738*	124	CL
1069	NASA	112/146	1A/835*	124	BW
0270	ASCS	DCT	1LL/135	040	BW
0270	ASCS	DMV	1LL/134	040	BW
0071	NOAA	71-L	101/15044	060	BW
0273	MHAS	UNK	890*	024	CL

DATE	AGENCY	PROJECT	EXPOSURE	SCALE	FILM
			MCCOX INLET, NY		
0969	NASA	103/188	8/108	061	CL
0969	NASA	103/188	2/083*	120	BW
0969	NASA	103/188	7/6239*	122	CL
0473	LKBI	UNK	2583/3/109	010	BW

MERRIMACK RIVER ENTRANCE, MA
 LAT 42 49 N. LONG 70 49 W
 NOS CHART NO. 213
 GEOREF GRID SQUARE HJEN

0457	NESS	9037	3290-3294	007	BW
		9037	3347-3351		
0969	NASA	103/176	6/054	060	CL
0969	NASA	103/176	4/054*	120	BW
0969	NASA	103/176	5/5952*	120	CL
0973	NASM	73/156A	01443/3634	127	CL
1273	NASM	73/198A	01572/6788	127	CL

METOMKIN INLET, VA
 LAT 37 40 N. LONG 75 36 W
 NOS CHART NO. 1221
 GEOREF GRID SQUARE 6JQH

0549	NOAA	49-D	568	040	BW
1149	ASCS	AND	4E/51	020	BW
0355	NOAA	55-W	4610-4612	020	BW
1157	ASCS	AND	5T/143,145	020	BW
1059	NOAA	59-W	9484,9485	025	BW
0062	NOAA	62-L	2645,2647	020	BW

DATE	AGENCY	PROJECT	EXPOSURE	SCALE	FILM
		METOMKIN INLET, VA			
0062	USGS	AF-62-7	26,28	005	BW
0362	NADE	62AMS	361-364	005	BW
0362	NOAA	62-S	1924,1928	020	BW
0362	USGS	MATS62-1	V1523,V1524	005	BW
0462	NOAA	62-W	3865,3893	020	BW
1066	NOAA	66-W(C)	3936,3937,4009	020	CL
0066	NOAA	66-L	3490	030	1R
1066	ASCS	AND	296/139	020	BW
0167	USGS	SWBA	2/72,74	021	BW
0267	USGS	SWBK-1	1/225	041	BW
1069	NOAA	69-E(C)	3109	020	CL
0970	NASA	144/244	19/7298*	120	CL
0970	NASA	144/244	22/033*	120	BW
0970	NASA	144/244	21/507	060	CL
0571	NASA	166/168	24/5435	120	CL
0571	NASA	166/168	18/005*	120	BW
0671	NASA	181/174	4/0676*	040	BW
0671	NASA	181/174	1/2122	020	CL
1071	NASA	187/224	19/9439	040	CL
1071	NASA	187/224	21/006*	040	BW
0772	NASM	72/121	00538/3854	130	CL
1272	NASM	72/208	00843/6466	130	CL

KEY STEPS IN CARRYING OUT A
REMOTE SENSING APPLICATIONS PROJECT

I. STATING USER REQUIREMENTS OR OBJECTIVES

A. What Information Will the Remote Sensing Project Need to Produce?

1. What are the earth surface features or cover types of interest?
2. Exactly what does the user want to know about these earth surface features?
 - a. location?
 - b. areal extent?
 - c. condition?
3. What size area is involved?
4. In what format are the results needed?
 - a. maps
 - b. tables
 - c. computer compatible tapes
 - d. any combination of a, b, or c
5. How accurate must the results be?
6. Is complete coverage of the area required or will a sample of the entire area be sufficient to yield necessary information?
7. Are there any special temporal considerations?
 - a. time of day
 - b. time of season
 - c. year

II. ESTABLISHING THE FEASIBILITY OF THE PROJECT

A. Type of Sensor Family

1. Cost of Sensor Payload
2. Processing of Data
3. Resolution of Sensor

B. The Object(s) under sensor investigation have distinguishable spectral, temporal, and/or spatial characteristics

C. Suitable data - collection instruments are available

1. stereoscopes
2. stereoplotter
3. digitizer
4. map collection

D. Suitable Data - Handling and Analysis Software System is Available

1. digitizer
2. computer (main frame, mini, or micro)
3. flat-bed plotter
4. color C.R.T.
5. analysis computer software

E. Possible Optional Approaches

III. PROJECT PLANNING

A. Decisions Made Upon:

1. data-collection system used and frequency of data collection
2. reference data and ground observation requirements
3. preprocessing requirements
4. data analysis procedures

IV. IMPLEMENTATION OF PROJECT

A. Collecting the Data

1. Order Satellite Imagery
 - a. photo imagery
 - b. digital imagery
2. Have Overflights Implemented
3. Collect Necessary Reference Data

B. Preprocessing the Data

1. Screen for Cloud Cover and Image Quality
 - a. tilt and crabbing, check
 - b. contrast, scale, texture check
2. Correction of Digital Data
 - a. geometric correction
 - b. radiometric correction
 - c. raster scan errors
 - d. make compatible with analysis software
 - e. scale

C. Analyzing the Data (digital imagery)

1. use unsupervised analysis to enhance the raw image data by deriving and displaying spectral classes
2. use reference data to associate classes with the spectral classes - SELECT TRAINING CLASSES
3. apply clustering and separability extraction to determine appropriate feature for classification
4. perform maximum-likelihood classification of the study area
5. evaluate results:
 - a. rejection rate or "thresholding"
 - b. classifier accuracy on training data
 - c. classifier accuracy on test data
6. Check analysis - correct possible classifier errors

D. Producing Output Products

1. Conventional Maps
2. Computer Maps
3. Computer Enhances Images
4. Texts
5. Computer Compatible Magnetic Tapes

The preceding has been adapted from:

Swain, Philip H. and Shirley M. Doris (editors)
Remote Sensing the Quantitative Approach,
New York: McGraw-Hill Book Company, 1978

APPENDIX E: SOURCES OF INFORMATION

SOURCES OF INFORMATION,
MAPPING AND CLASSIFICATION

Samuel G. Patterson
Department of Environmental Sciences
University of Virginia
Charlottesville, VA 22903

SOURCES OF INFORMATION, MAPPING AND CLASSIFICATION

I. Satellite Imagery and Aerial Photography

II. Map Products

III. Information

A. Climate (Rainfall and temperature)

B. Hydrology

C. Vegetation

D. Soils

E. Geology

IV. Environmental Data Base Directory

I. SATELLITE IMAGERY AND AERIAL PHOTOGRAPHY

Satellite imagery and aerial photography provide a high resolution perspective and repeat coverage capability of earth scenes. Imagery such as this can be used to refine and update existing map information on a wide range of disciplines.

GEOLOGY

- Geologic formations
- Cultural features
- Mapping

URBAN PLANNING AND CARTOGRAPHY

- Vegetation types and boundaries
- Roads
- Demographic changes
- Map revisions

FORESTRY

- Stand density
- Disease, flood, and fire damage
- Vegetational assemblages
- Recovery and regeneration over time from human and natural disturbances

AGRICULTURE

- Crop type and coverage
- Drainage patterns
- Rate of conversion to agricultural land
- Boundaries
- Surface water on fields

WATER AND ENVIRONMENT

- Hydrologic transport processes
- Sediment plumes and plume boundaries
- Landscape stability
- Flood coverage and damage
- Wildlife habitat mapping

A. SATELLITE IMAGERY

SOURCE

EROS Data Center
U.S. Geological Survey
User Services Section
Sioux Falls, S.D. 57198
(605) 594-6511
Information and ordering

**EROS is now owned by
EOSAT Earth Observation
Satellite Company EOSAT**
8201 Corporate Drive
Metroplex II Suite 450
Landover, MD 20785
(301) 552-0500
Presently, continue
ordering and information
from EROS.

PRODUCT

Landsat (1972-present) satellite multispectral Scanner (MSS) and Thematic Mapper (TM) imagery. Available in various bands (black and white to thermal infrared). Coverage of one earth scene of 185 x 185 km is repeated every 18 days at 30 meter resolution. Imagery can be acquired on film, color hardcopy or computer compatible tapes (CCT).

Spot Image Corporation
1897 Preston White Drive
Reston, VA 22091-4326
(703) 620-2200
TELEX: 4993073

Spot satellite imagery is available in black and white (10 meter resolution) and records color in three spectral bands (20 meter resolution). Coverage of one given point is repeated every 26 days. A full scene format is 60 x 60 km. Imagery can be acquired on film, paper, or computer compatible tapes at several processed levels (A-C). Spot imagery is also available in stereoscopic pairs of images.

B. AERIAL PHOTOGRAPHY

SOURCE

PRODUCT

**National Cartographic
Information Center**
U.S. Geological Survey
National Space Technology
Laboratories
NSTL Station, MS 39529
(601) 688-3544
FTS 494-3544

National High Altitude Photography Program (black and white and color infrared photography). Imagery available from 1978 to present. Total U.S. coverage.

EROS Data Center
U.S. Geological Survey
Sioux Falls, S.D. 57198
(605) 594-6511
FTS 784-7151

U.S. Geological Survey medium altitude photography (black and white). Imagery available 1950 to present, and in some cases 1940 to present. Total U.S. coverage.

NCIC National Headquarters
National Cartographic
Information Center
U.S. Geological Survey
507 National Center
Reston, VA 22092
(703) 860-6045
FTS 928-6045

**Agriculture Stabilization &
Conservation Service (ASCS)**
U.S. Department of
Agriculture
Aerial Photography Field
Service
P. O. Box 30010
222 West 2300 South
Salt Lake City, Utah
(801) 524-5856

Low and medium altitude black and white aerial photography (1950 to present). Excellent national coverage through many years.

National Ocean Service
National Oceanic and
Atmospheric Administration
Photogrammetry Branch,
N/CG2314
Nautical Charting Division
Rockville, MD 20852
(301) 443-8601

Low and medium altitude black and white and color infrared aerial photography. Coastal areas only.

SOURCE**PRODUCT**

U.S. Forest Service
USDA
P. O. Box 2417
Washington, D.C. 20013
(202) 235-8071

Low and medium altitude black and white and color infrared aerial photography of the Forest Service holdings.

**Photographic Repository
for the Forest Service
is the ASCS.**

**Agriculture Stabilization &
Conservation Service (ASCS)**

USDA
Aerial Photography Field
Service
P. O. Box 30010
222 West 2300 South
Salt Lake City, Utah
(801) 524-5856

Soil Conservation Service
Remote Sensing Specialist
P. O. Box 2890
Washington, D. C. 20013
(202) 447-4452

Low and medium altitude black and white and color infrared aerial photography. Phone or write for inventory of coverage.

**U.S. Environmental
Protection Agency**
Photogrammetry
EMSL-LV AMS
P. O. Box 15027
Las Vegas, NV 89114
(702) 798-2100

Coverage based on project requests. Low and medium altitude color infrared photography. Phone or write for inventory of coverage.

**U.S. Department of
Agriculture**
Photography Division
O.G.P.A.
Office of Information
4407 South Building
Washington, D.C. 20250
(202) 447-2791

Low and medium altitude black and white and color infrared aerial photography. Photography catalog listed by subject.

SOURCE

PRODUCT

**U.S. Army Corps of
Engineers**

Markhurd Aerial Surveys
345 Pennsylvania Ave., S.
Minneapolis, MN 55426
(612) 545-2583

Private firm with good national coverage in high altitude black and white and color infrared aerial photography.

**OTHER SOURCES OF AERIAL
PHOTOGRAPHY**

**State Department of
Transportation**

**State Department of
Natural Resources**

**State Department of
Planning**

State Forestry Service

**State Water Management
Service**

Regional Utility Companies

SOURCE**PRODUCT****Regional Forestry Companies****Regional Coal Companies****Regional Geological and
Petrochemical Companies****State Universities with
Forestry, Geology,
Geography and Remote
Sensing Departments****II. MAP PRODUCTS****SOURCE****PRODUCT****U.S. Geological Survey**
Eastern Distribution Branch
1200 South Eads Street
Arlington, VA 22202
(areas east of Mississippi
River)

1:24,000 topographic maps

1:50,000 scale mapping

1:100,000 scale quadrangle maps

1:250,000 scale quadrangle maps

Western Distribution Branch
U.S. Geological Survey
Box 25286, Federal Center
Denver, CO 80225
(areas west of Mississippi
River)

1:1,000,000 scale maps

1:2,000,000 scale sectional maps

State Map Series
U.S. Base Maps

Land Use/Land Cover Maps

National Mapping Program
Department of the Interior
U.S. Geological Survey
Reston, VA 22092

Coastal Ecological Inventory Maps

Hydrologic Unit Maps of States and
U.S.

Geologic Map of States and U.S.

Digital Elevation Models

SOURCE**PRODUCT****Further Information****National Headquarters
National Cartographic
Information Center**

U.S. Geological Survey
507 National Center
Reston, VA 22092
(703) 860-6045
FTS 928-6045

7.5 and 15 minutes topographic
maps

Digital line graphs and digital
elevation model data

Orthophotoquad 7.5 minute maps

National high altitude photography

Detailed mapping information

**Regional Offices
Eastern Mapping Center-
NCIC**

U.S. Geological Survey
536 National Center
Reston, VA 22092
(703) 860-6336
FTS 928-6336

**Mid-Continent Mapping
Center-NCIC**

U.S. Geological Survey
1400 Independence Road
Rolla, MO 65401
(314) 341-0851
FTS 277-0851

**National Cartographic
Information Center**

U.S. Geological Survey
National Space Technology
Laboratories
NSTL Station, MS 39529
(601) 688-3544
FTS 494-3544

**Rocky Mountain Mapping
Center-NCIC**

U.S. Geological Survey
Box 25046, Stop 504
Federal Center
Denver, CO 80225
(303) 236-5829
FTS 776-5829

**Western Mapping
Center-NCIC**

U.S. Geological Survey
345 Middlefield Road
Menlo Park, CA 94025
(415) 323-8111, ext. 2427
FTS 467-2427

Alaska Office-NCIC
 U.S. Geological Survey
 Skyline Building
 218 E Street
 Anchorage, AK 99501
 (907) 271-4148
 FTS 271-4159

<p>National Wetlands Inventory U.S. Fish & Wildlife Service Order From: National Cartographic Information Center U.S. Geological Survey 507 National Center Reston, VA 22092 (703) 860-6045:information (703) 860-6167:map sales</p>	<p>1:24,000; 1:62,500; and 1:63,360 scale wetlands inventory maps</p>
--	---

Further Information

<p>National Wetlands Inventory U.S. Fish and Wildlife Service Dade Building Suite 217 9620 Executive Center Dr.,N St. Petersburg, FL 33702 (813) 893-3624</p>	<p>Ongoing wetlands inventory</p>
---	-----------------------------------

<p>National Coastal Ecosystems Team U.S. Fish and Wildlife Service Information Transfer Specialist NASA Slidell Computer Complex 1010 Gause Blvd. Slidell, LA 70458 (504) 646-7310 FTS 8-680-7310</p>	<p>Community profiles and limited maps</p>
--	---

SOURCE**PRODUCT**

U.S. Forest Service
USDA
Southern Region
Geometronics
1720 Peachtree Rd., NW
Atlanta, GA 30367
(404) 881-3986

Maps of all forest service
timber holdings

U.S. Forest Service
Southeastern Experimental
Station
200 Weaver Blvd.
Asheville, N.C. 28804
(704) 259-0758

Inventory survey of all forested
lands in southeast

U.S. Forest Service
Southern Experimental
Station
T-10210
U.S. Postal Service Bldg.
701 Loyola Avenue
New Orleans, LA 70113
(504) 589-6712

Inventory survey of all forested
lands in the south and southwest.

**U.S. Army Corps of
Engineers**

Soil Conservation Service
Soils Division
P. O. Box 2890
Washington, D. C. 20013
(202) 382-1819

National soil maps and updates
on state and county soil survey
coverage

SOURCE

PRODUCT

State Soil Conservation Service
State Soil Scientist
State of Interest
County of Interest

County soil maps of each state are available through the respective state.

III. INFORMATION ON BOTTOMLAND HARDWOOD RESEARCH DISCIPLINES

A. CLIMATE

- **NATIONAL CLIMATIC DATA CENTER (NCDC)**
National Oceanic and Atmospheric Administration
Asheville, N.C. 28801
(704) 259-0682

The National Climatic Data Center: (NCDC) acquires, processes, archives, analyzes, and disseminates global climatological data; develops analytical and descriptive products to meet user requirements; and provides facilities for the World Data Center-A (Meteorology). It is the collection center and custodian of all United States weather records and the largest climatic center in the world.

Restrospective weather satellite images (from 1960 to present) are available from NCDC's Satellite Data Services Division, World Weather Building, Room 100, Washington, D. C. 20233.

-
- **OFFICE OF SATELLITE DATA PROCESSING AND DISTRIBUTION**
E/ER2
NOAA/NESDIS
Washington, D. C. 20233
(202) 634-7722

The Office of Satellite Data Processing and Distribution directs the operation of NESDIS central ground facilities and field stations. It processes and distributes current weather satellite data and derived products to the National Weather Service and other domestic and foreign users. Direct readout systems on NOAA's weather satellites enable users to receive, on relatively low-cost equipment, images and weather charts directly from the satellites.

B. HYDROLOGY

- **OFFICE OF WATER DATA COORDINATION (OWDC)**
U.S. Geological Survey
417 National Center
Reston, VA 22092

The OWDC (Office of Water Data Coordination) is the focal point for interagency coordination of ongoing and planned water-data acquisition activities of all Federal agencies and many non-Federal organizations. The "National Handbook of Recommended Methods for Water-Data Acquisition", indexes to the "Catalog of Information on Water Data", and other publications are available from OWDC.

- **NATIONAL WATER DATA EXCHANGE (NAWDEX)**
U.S. Geological Survey
421 National Center
Reston, VA 22092

NAWDEX (National Water Data Exchange) maintains a computerized data system that identifies sources of water data and indexes information on the water data available from the sources. The NAWDEX Program Office and local Assistance Centers assist data users in locating sources of water data, identifying sites at which data have been collected, and obtaining specific data.

- **HYDROLOGIC INFORMATION UNIT**
U.S. Geological Survey
420 National Center
Reston, VA 22092

Questions about water resources in general and about the water resources of specific areas of the United States can be directed to the Hydrologic Information Unit. This office will also answer inquiries about the availability of reports of water-resources investigations.

- NATIONAL OCEANOGRAPHIC DATA CENTER (NODC)

NOAA

Washington, D. C. 20235

(202) 634-7232

The National Oceanographic Data Center (NODC) acquires, processes, archives, analyzes, and disseminates global oceanographic data; develops analytical and descriptive products to meet user requirements; and provides facilities for the World Data Center-A (Oceanography). It was the first NODC established and houses the world's largest usable collection of marine data.

- U.S. ARMY CORPS OF ENGINEERS

- U.S. FOREST SERVICE

Southern Region

1720 Peachtree Rd., NW

Atlanta, GA 30367

(404) 881-3986

Forest Service has hydrological information on experimental watersheds (e.g. Coweeta, North Carolina) and other forestry service holdings regarding rainfall amount, periodicity, intensity and base and peak waterflow data that may be transposable to areas of interest.

- FEDERAL AND PRIVATE UTILITIES WITH DAM SYSTEMS

Many federal utilities (Tennessee Valley Authority, Bonneville Power, Washington) and private utilities maintain excellent records of rainfall, base and peak flows of streams and rivers servicing dam networks.

- STATE WATER MANAGEMENT AND WATER RESOURCES AGENCIES

These agencies, especially in states prone to flooding or requiring management of water flow, maintain excellent records of rainfall and flow discharges.

C. **VEGETATION**

- **U.S. Fish and Wildlife Service**
Division of Biological Services
1730 K Street
Washington, D. C. 20240
(202) 343-1100

- **National Coastal Ecosystems Team**
Information Transfer Specialist
U.S. Fish and Wildlife Service
NASA-Slidell Computer Complex
1010 Gause Blvd.
Slidell, LA 70458
(504) 646-7310
FTS 8-680-7310

Both of these offices are engaged in wetlands evaluation of coastal and interior regions. They are an excellent source of information and publications regarding wetlands and bottomland hardwoods research. The regional offices of Fish and Wildlife Service are also good for information concerning programs in that area. The addresses and telephone numbers for all the regions are available from the Washington office.

- **National Wetlands Inventory (NWI)**
U.S. Fish and Wildlife Service
Dade Building Suite 217
9620 Executive Center Drive, North
St. Petersburg, FL 33702
(813) 893-3624

A useful source of information for categorizing wetlands under the Fish and Wildlife's classification system. The NWI is currently developing an inventory of coastal and interior wetlands, their location and boundary delineation, for use by other agencies and the private sector.

- **U.S. Forest Service**
Southeastern Experimental Station
200 Weaver Blvd.
Asheville, N.C. 28804
(704) 259-0758

- **U.S. Forest Service**
Southern Experimental Station
T-10210
U.S. Postal Service Bldg.
701 Loyola Avenue
New Orleans, LA 70113
(504) 589-7013

The Forest Service Experimental Stations usually have complete inventory surveys of all forested areas in the south and southeast. These surveys are performed at various times, therefore inventory material can range from current to quite dated.

- **State Forestry or Natural Resources Departments**

These departments usually have information on forest resources, which can range from excellent to poor. These surveys may also only inventory commercial or commercially available timber stands. Forested wetlands may be totally omitted. Some states are even converting to computer digitized vegetation maps.

- **Private Timber Industries**

These companies may or may not have inventoried bottomland hardwoods in their area. Usually all landholdings are surveyed and inventoried as to forest type, stand density, age, accessibility, etc.

D. SOILS

- **Soil Conservation Service (SCS)**
Soils Division
P. O. Box 2890
Washington, D. C. 20013
(202) 382-1819

The SCS can provide listings, addresses, and inventories of state soil conservation service. In addition, the SCS can give soil survey updates on which counties have and have not been done in each state.

- State Soil Conservation Service Based in State

The repository of all county soil survey maps.

- State Universities

State universities with forestry, soils, and agricultural departments or private universities with these respective disciplines may have additional information on forest soils in particular. Many universities conduct ongoing research in forests and their soil properties.

E. GEOLOGY

- Geologic Inquiries Group

U.S. Geological Survey
907 National Center
Reston, VA 22092

Questions about all aspects of geology can be directed to the Geologic Inquirie Group. This office answers questions on topics such as earthquakes, energy and mineral resources, the geology of specific areas, and geologic maps and mapping. Informatmion on geologic map indexes for the 50 states is also available.

- Geophysical Data Center (NGDC)

National Oceanic and Atmospheric Administration
Boulder, CO 80303

The National Geophysical Data Center acquires, processes, archives, analyzes, and dissimminates global solid Earth and marine geophysical dta, as well as ionospheric, solar, and other space environment data; develops analytical, climatological, and descriptive products to meet user requirements; and provides facilities for World Data Center-A (Glaciology, Solar Terrestrial Physics, Solid Earth Geophysics, and Marine Geology and Geophysics).

- State Geological Survey

These agencies will have the state, county, and 1:24,000 topographic quadrangle geologic maps. Indexes of the topographic quadrangles for the topographic state are usually available from them.

- Universities

Universities with geology departments can have extensive information and data on certain areas in the state, unique and/or troublesome geologic formations, or special areas of geological expertise.

- Private Geological Companies

These companies may have extensive information on the geology of a state, county or local area. In particular, these companies also perform extensive geological data bases for EPA Environmental Impact Statements (EIS). Particularly in developing urban areas with adjacent wetlands voluminous amounts of information can be found from EIS documents.

IV. ENVIRONMENTAL DATA BASE DIRECTORY

- National Environmental Data Referral Service (NEDRES)

Program Office
Assessment and Information Services Center
NOAA/NESDIS (E/AIX3)
3300 Whitehaven Street, N.W.
Washington, D. C. 20235
(202) 634-7722
FTS 634-7722

NEDRES is designed to provide convenient, economical, and efficient access to widely scattered environmental data. In development since 1980, NEDRES is

- a publicly available service which identifies the existence, location, characteristics, and availability conditions of environmental data sets.
- a national network of federal, state, and private organizations cooperating to improve access to environmental data for anyone who needs it.

NEDRES combines the expert knowledge of many organizations and environmental specialists with the speed, flexibility, and ease of use of contemporary computer/communications technology. NEDRES also produces printed catalogs with references to available environmental data on selected topics and regions.

TYPES OF ENVIRONMENTAL DATA REFERENCED BY NEDRES

- climatological and meteorological
 - standard surface and upper atmosphere
 - atmospheric radiation, physical, and chemical
- geophysical and geological
 - geomagnetic and seismological
 - marine geological and geophysical
 - solar-terrestrial
 - glaciological
- geographic
 - geodetic
 - cartographic
 - land use/ground cover
- hydrological and limnological*
 - precipitation
 - surface and ground water
 - aquatic ecological
 - water quality

USES FOR NEDRES

- Environmental assessment and impact studies
- Facility site planning
- Research program planning
- Avoiding duplication in data collection
- Project data tracking and management
- Keeping aware of new data

*NEDRES coordinates freshwater-related services with the National Water Data Exchange (NAWDEX) of the U.S. Geological Survey.

APPENDIX F: PHOTO AGENCIES

AERO

AEROGRAPHICS, INC.
P.O. BOX 248
BOHEMIA, NY 11716
(516)589-6045

AEROE

AEROECO INC.,
232 CARDAMON DRIVE
EDGEWATER, MD 21037
(301)261-8448

AEROLT

AEROLIST PHOTOGRAPHERS, INC.
14055 INTERURBAN AVE., SOUTH
SEATTLE, WA 98168
(206)246-5900

AERPHM

AERIAL PHOTOMETRICS, INC.
P.O. BOX 397
5665 WESTOVER AVENUE
FRESNO, CA 93727
(209)291-5561

AERSV

AERIAL SERVICES, INC.
2120 CENTER STREET
CEDAR FALLS, IA 50615
(319)266-6181

AIRDAT

AIR DATA SYSTEMS
P.O. BOX 605
1134 MAIN STREET
FORTUNA, CA 95540
(707)725-4491

AEROCL

AERO COLOR
3210 COMMANDER
CARROLLTON, TX 75006
(214)248-8144

AEROG

AERO-GEODETIC CORPORATION
1600 WARBURTON AVENUE
SANTA CLARA, CA 95050
(408)248-3000

AEROPI

AERO PHOTOGRAPHERS, INC.
P.O. BOX 397
INDUSTRIAL CENTER BLDG., RM 259
SAUSALITO, CA 94965
(415)332-1104

AERPHO

THE AERIAL PHOTOGRAPHER
1820-C S. GRAND AVENUE
SANTA ANA, CA 92705-4817
(714)250-8787

AIKEN

AIKEN COUNTY TAX ASSESSOR
828 RICHLAND AVE. WEST, BOX 581
AIKEN, SC 29801
(803)642-1583

AIRDS

AIRPHOTO BY DAVID SIEVERT
P O BOX 2733
SANTA CRUZ, CA 95063
(408)426-1400

AASI

ATLANTIC AERIAL SURVEYS, INC.
P.O. BOX 385
803 FRANKLIN STREET, S.E.
HUNTSVILLE, AL 38504
(205)536-6616

ACAMER

AERIAL CARTOGRAPHICS OF AMERICA
100 WEST MAIN STREET
BABYLON, NY 11702
(516)587-5060

ACKROY

ACKROYD PHOTOGRAPHY INC.
P.O. BOX 10101
3840 N.W. YEON
PORTLAND, OR 97210
(503)227-5694

ADACO

ADA COUNTY PLANNING ASSOCIATION
413 W. IDAHO ST., ROOM 100
BOISE, ID 83702
(208)345-5279

ADDOR

ADDOR PHOTOGRAPHY
1456 63RD STREET
EMERYVILLE, CA 94608
(415)653-1745

AERCRT

AERO CARTOGRAPHICS
2777 CLEVELAND AVE., SUITE 201
SANTA ROSA, CA 95401
(707)546-0458

ABBEV

ABBEVILLE COUNTY TAX ASSESSOR
BOX 187
ABBEVILLE, SOUTH CAROLINA 29620
(803)459-4921

ACEAP

ACE AERIAL PHOTO
23122 ALCADE DRIVE, P.O. BOX 2040
LAGUNA HILLS, CA 92654
(714)830-2960

ACLPRD

AIR SEA AND LAND PRODUCTIONS
12 EBBTIDE AVE
SAUSALITO, CA 94965
(415)331-7245

ADAMS

ADAMS AERIAL SURVEYS
P O BOX 476
SOUTH HOUSTON, TX 77587
(713)946-0830

ADRAI

AERIAL DATA REDUCTION ASSOC., INC.
P O BOX 557
PENNSUAKEN, NJ 08110
(609)663-7200

AERMAC

AERIAL MAPPING COMPANY
P.O. BOX 7653
5318 MORRIS HILL ROAD
BOISE, ID 83707
(208)375-5171

AIREYE

AERIAL EYE, INC.
17931A SKY PARK CIRCLE
IRVINE, CA 92714
(714)250-4136

AIRMAP

AIRMAPS
1015 LOUISIANA ST., SUITE 105
LITTLE ROCK, AR 72203
(501)376-6838

AIRSHI

AIR SURVEY HAWAII
SUITE 401
677 ALA MOANA STREET
HONOLULU, HI 96813
(808)833-4881

AIRVIW

AIR VIEWS
17985 SKY PARK CIRCLE, SUITE G
IRVINE, CA 92714
(714)261-2300

AKPCOL

ALASKA PRECISION COLOR
4241 B STREET
ANCHORAGE, AK 99503
(907)563-3038

ALMEDP

ALL MEDIA PHOTO
P.O. BOX 12848
888 S. VIRGINIA STREET
RENO, NV 89570
(702)323-1123

AIRFLS

AIR FLIGHT SERVICE
2220 CALLE DE LUNA
SANTA CLARA, CA 95050
(408)988-0107

AIRPHO

AIR-PHOTOGRAPHICS, INC.
CITIZENS BANK BUILDING
11510 GEORGIA AVENUE
WHEATON, MD 20902
(301)933-5282

AIRTEC

AIR PHOTO TECH, INC.
2013 MERRILL FIELD DRIVE
ANCHORAGE, AK 99501
(907)272-4495

AKNRES

DEPT. OF NATURAL RESOURCES, MINING &
GEOLOGY, CADASTRAL SURVEY SECTION
P.O. BOX 7028
ANCHORAGE, AK 99510
(907)561-2020

ALLEN

ALLENDALE COUNTY TAX ASSESSOR
P.O. BOX 507
ALLENDALE, SC 29810

AMCAZ

AERIAL MAPPING COMPANY, INC.
3141 W. CLARENDON AVENUE
PHOENIX, AZ 85017
(602)263-5728

AMI

AERIAL MAP INDUSTRIES
2014 S. MAIN STREET
SANTA ANA, CA 92707
(714)546-7201

AMPHRC

AMERICAN PHOTO REPRO CORP.
8806 MELROSE AVE
LOS ANGELES, CA 90069
(213)271-9730

ANDER

ANDERSON COUNTY TAX ASSESSOR
P.O. BOX 4046
ANDERSON, SC 29622
(803)225-0505

ANDPHO

ANDERSON PHOTOGRAPHY
6460 BYRNES RD.
VACAVILLE, CA 95688
(707)448-4926

ANTHON

ANTHON'S INC. COMMERCIAL PHOTOGRAPHY
1084 SHARY CIRCLE
CONCORD, CA 94518
(415)682-9384

ANUEAV

ANUENUE AVIATION
GENERAL LYMAN FIELD
HILO, HI 96720
(808)329-0735

APHMS

AERIAL PHOTOMAPPING SERVICES
2929 LARKIN AVENUE
COLVIS, CA 93612
(209)291-0147

APSER

AIR PHOTO SERVICE
530 W. HENRIETTA STREET
KINGSVILLE, TX 78363
(512)592-3672

ARK

ARKANSAS STATE HIGHWAY DEPT.
PHOTOGRAMMETRY SECTION
P.O. BOX 2261
LITTLE ROCK, AR 72203
(501)569-2408

AROTEC

AERO TECH SURVEYS
6951 FLIGHT ROAD
RIVERSIDE, CA 92504
(714)785-0160

ARTPHO

ARTISTIC PHOTOGRAPHY INC.
3770 TANSY STREET
SAN DIEGO, CA 92121
(619)457-1004

ASASPA

ALL STATES AERIAL SURVEY
6241 SALTSBURG ROAD
PITTSBURGH, PA 15235

ASCS

AERIAL PHOTOGRAPHY FIELD OFFICE
 USDA-ASCS
 2222 W. 2300 SOUTH, BOX 30010
 SALT LAKE CITY, UT 84130-0010
 (801)524-5856; FTS 588-5856

ASURNO

AMERICAN AERIAL SURVEYS, INC.
 OF NORTHERN CALIFORNIA
 6249 FREEPORT BLVD., EXEC. AIRPORT
 SACRAMENTO, CA 95822
 (916)422-0770

ATLCO

ATLANTIC COUNTY DIVISION OF PLANNING
 741 GUARANTEE BUILDING
 ATLANTIC CITY, NJ 08401
 (609)345-6700

AYRES

AYRES ASSOCIATES
 200 BROAD STREET
 P O BOX 1454
 GAINESVILLE, GA 30503
 (404)434-2516

AZDOT

ARIZONA DEPARTMENT OF TRANSPORTATION
 PHOTOGRAMMETRY AND MAPPING SERVICE
 1739 W. JACKSON STREET
 PHOENIX, AZ 85007
 (602)255-8561

AZSLD

ARIZONA STATE LAND DEPARTMENT
 RESOURCE ANALYSIS DIVISION
 1624 WEST ADAMS, ROOM 302
 PHOENIX, AZ 85007
 (602)255-4061

ASDIVA

AIR SURVEY AND DESIGN, INC.
 460 SPRING PARK PLACE, SUITE 1500
 HERNDON, VA 22070
 (703)437-6060

ASURSO

AMERICAN AERIAL SURVEYS, INC.
 OF SOUTHERN CALIFORNIA
 564 SOUTH STEWART DRIVE
 COVINA, CA 91723
 (818)331-5304

AVIS

AVIS AIRMAP, INC.
 AVIS PARK
 454 WASH STREET
 BRAINTREE, MA 02184
 (617)848-8000

AYRES

OWEN AYERS & ASSOCIATES, INC
 2245 DARWIN ROAD
 MADISON, WI 53704-3192
 (608)294-0471

AZSALT

SALT RIVER PROJECT
 CARTOGRAPHIC SERVICES
 P.O. BOX 52025
 PHOENIX, AZ 85072-2025
 (602)236-5144

AZWATR

ARIZONA DEPT. OF WATER RESOURCES
 ADJUDICATIONS DIVISION
 99 E. VIRGINIA ST.
 PHOENIX, AZ 85004
 (602)255-1578

BAILY

BAILY & KERNS PHOTOGRAPHY
WILLOWS SHOPPING CENTER, C-30
CONCORD, CA 94520
(415)676-9909

BALAP

BALLOON AERIAL PHOTOGRAPHY
1728 VICTORIA DRIVE
REDDING, CA 96001
(916)241-7452

BAMBER

BAMBERG COUNTY TAX ASSESSOR
P.O. BOX 511
BAMBERG, SC 29003
(803)245-5544

BARN

BARNWELL COUNTY TAX ASSESSOR
P.O. BOX 806
BARNWELL, SC 29812
(803)259-1762

BEAU

BEAUFORT COUNTY TAX ASSESSOR
P.O. BOX 354
BEAUFORT, SC 29902
(803)524-4444 EXT. 169

BENCH

BENCHMARK PHOTOGRAPHY
1442 HUNDLEY STREET
ANAHEIM, CA 92806
(714)630-7965

BAKER

MICHAEL BAKER, JR., INC.
P.O. BOX 280
BEAVER, PA 15009
(412)495-7711

BALTCP

BALTIMORE COUNTY INFO SYSTEM SECTION
COUNTY COURTS BLDG., MS 3402
TOWSON, MD 21204
(301)494-3495

BANDON

CITY OF BANDON, CITY MANAGER
P.O. BOX 67
BANDON, OR 97411
(503)347-2437

BAYRPC

BAY-LAKE REGIONAL PLANNING COMMISSION
UW-GREEN BAY
SE BUILDING, SUITE 450
GREEN BAY WISCONSIN 54302
(414)465-2135

BEAVER

CITY OF BEAVERTON
PLANNING DEPARTMENT
4950 S.W. HALL BOULEVARD
BEAVERTON, OR 97005
(503)644-2191

BEND

BEND MAPPING AND BLUEPRINTING, INC.
59 N.W. OREGON AVENUE
BEND, OR 97701
(503)389-7440

BERGEN

BERGEN COUNTY PLANNING BOARD
29 LINDEN STREET
HACKENSACK, NJ 07602
(201)646-2896

BERGMP

BERGMAN PHOTOGRAPHIC SERVICES
7816 S.E. 13TH AVENUE
PORTLAND, OR 97202
(503)239-6016, (503)239-6010

BERRY

CARL M. BERRY AERIAL SURVEYS
15823 9TH AVENUE S.
SEATTLE, WA 98148
(206)242-6937

BIACOL

BUREAU OF INDIAN AFFAIRS
COLVILLE AGENCY
P.O. BOX 111
NESPELEM, WA 99155
(509)634-4901

BIAOLY

BUREAU OF INDIAN AFFAIRS
OLYMPIC PENINSULA AGENCY
P.O. BOX 120
HOQUIAM, WA 98550
(206)538-1500

BIAPHO

BUREAU OF INDIAN AFFAIRS
PHOENIX AREA OFFICE
P.O. BOX 7007
PHOENIX, AZ 85011
(602)241-2310; FTS 261-2310

BIAPOR

BUREAU OF INDIAN AFFAIRS
BRANCH OF LAND SERVICES
1425 IRVING ST., NE, BOX 3785
PORTLAND, OR 97208
(503)231-6747

BIASAC

BUREAU OF INDIAN AFFAIRS, SACRAMENTO
AREA OFFICE, BR. OF LAND OPERATIONS
2800 COTTAGE WAY, FEDERAL BLDG.
SACRAMENTO, CA 95825
(916)978-4691; FTS 460-4691

BLKHWK

BLACKHAWK PRODUCTIONS
37589 NILES BLVD
FREMONT, CA 94536
(415)790-2500

BLMACH

BUREAU OF LAND MANAGEMENT
701 'C' STREET BOX 13
ANCHORAGE, AK 99513
(907) 271-3337

BLMDEN

BUREAU OF LAND MANAGEMENT
DIV. OF TECHNICAL SERVICES (D-435)
SERVICE CTR, BLDG 50, BOX 25047
DENVER, CO 80225-0047
(303)236-7991; FTS 776-7991

BLMMID

BUREAU OF LAND MANAGEMENT
3380 AMERICAN TERRACE
BOISE, ID 83706
(208)334-1197; FTS 554-1197

BLMPOR

BUREAU OF LAND MANAGEMENT
P.O. BOX 2965
PORTLAND, OR 97208
(503)231-2173; FTS 429-2173

BLUE

CENTRAL BLUEPRINT COMPANY
AERO GRAPHICS DIVISION
47 W. FIFTH AVENUE
EUGENE, OR 97401
(503)342-3624

BORAMR

BUREAU OF RECLAMATION
SOUTHWEST REGION
714 TYLER, SUITE 201
AMARILLO, TX 79101
(806)378-5400, EXT. 542

BORBOS

BUREAU OF RECLAMATION
PACIFIC NORTHWEST REGION
550 W. FORT ST., P.O. BOX 043
BOISE, ID 83724
(208)334-1071, FTS 554-1071

BORSAC

BUREAU OF RECLAMATION
MID-PACIFIC REGION, FEDERAL BLDG.
2800 COTTAGE WAY, ROOM W1324
SACRAMENTO, CA 95825
(916)978-5015; FTS 460-5015

BPAPOR

U.S. DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION
P.O. BOX 3621, MS ETL
PORTLAND, OR 97208
(503)230-4645; FTS 429-4645

BLMRNO

BUREAU OF LAND MANAGEMENT
FEDERAL BUILDING
300 BOOTH STREET, ROOM 3008
RENO NV 89509
(702)784-5731; FTS 470-5731

BOICA

BOISE-CASCADE TIMBER COMPANY
P.O. BOX 630
FLORENCE, SC 29503
(803)669-7825

BORBLD

BUREAU OF RECLAMATION
LOWER COLORADO REGION
P.O. BOX 427
BOULDER CITY, NV 89005
(702)293-7676; FTS 598-7676

BORCAZ

BUREAU OF RECLAMATION
CENTRAL ARIZONA PROJECT
23636 N 7TH ST., P.O. BOX 9980
PHOENIX, AZ 85068
(602)870-2526

BOSTON

BOSTON REDEVELOPMENT AUTHORITY
1 CITY HALL SQUARE
BOSTON, MA 02201
(617)722-4300

BREWST

BREWSTER PACIFIC CORPORATION
131 N. SAN GABRIEL BLVD.
PASADENA, CA 91107
(818)449-8162

BROOK

CITY OF BROOKINGS
PLANNING DIRECTOR
898 ELK DRIVE
BROOKINGS, OR 97415
(503)469-2163

BUGEL

SID BUGELHOLL
908 RICHMOND RD.
EDMOND, OK 73034
(405)946-7122, ALT., (405)341-0208

CADFG

CALIFORNIA DEPT. OF FISH & GAME
PLANNING BRANCH
EXECUTIVE AIRPORT
SACRAMENTO, CA 95822
(916)445-1265; FTS 465-1265

CADWR

CALIFORNIA DEPT. OF WATER RESOURCES
P O BOX 942836
1416 9TH ST., RM 215-23
SACRAMENTO, CA 94236-0001
(916)445-9259

CAERS

CAL AERIAL SURVEYS
833 MAHLER RD., SUITE 5
BURLINGAME, CA 94010
(415)692-7901

CALCO

CALHOUN COUNTY TAX ASSESSOR
SUITE 107 COURTHOUSE ANNEX
ST. MATTHEWS, SC 29135
(803)874-3613

BRUNS

BRUNSWICK PULP LAND CO.
P.O. BOX 860
BRUNSWICK, GA 91342

CACOSA

COUNTY OF SACRAMENTO, DEPT. OF
PUBLIC WORKS, WATER RESOURCES DIV.
827 7TH STREET, ROOM 301
SACRAMENTO, CA 95814
(916)440-6851

CADH

CALIFORNIA DEPT. OF TRANSPORTATION
DIV. OF HIGHWAYS, PHOTOGRAMMETRY BR.
1120 'N' STREET
SACRAMENTO, CA 95814
(916)445-6845; FTS 485-7130

CAEMER

CA OFFICE OF EMERGENCY SERVICES
2800 MEADOWVIEW RD
SACRAMENTO, CA 95832
(916)427-4216, 427-4990

CALAER

CAL AERO PHOTO
2859 GENTRY COURT
SACRAMENTO, CA 95827
(916)363-4790

CALIB

CALIFORNIA STATE LIBRARY
SPECIAL COLLECTIONS, RM 517
914 CAPITOL MALL, BOX 942837
SACRAMENTO, CA 94237-0001
(916)324-4873

CAMDEN

CAMDEN COUNTY
COUNTY COURTHOUSE
WOODBINE, GA 31569

CAPEM

CAPE MAY COUNTY PLANNING BOARD
LIBRARY BUILDING, MECHANIC STREET
CAPE MAY COURT HOUSE, NJ 08210
(609)465-7111, X-273

CART

CARTWRIGHT AERIAL SURVEYS, INC.
5979 FREEPORT BLVD
SACRAMENTO EXECUTIVE AIRPORT
SACRAMENTO, CA 95822
(916)421-3465

CASPHO

CASCADE PHOTOGRAPHICS, INC.
6906 MARTIN WAY
OLYMPIA, WA 98506
(206)491-5473

CASVOL

USGS, CASCADES VOLCANO OBSERVATORY
5400 MACARTHUR BLVD
VANCOUVER, VA 98661
(206)696-7882, FTS 422-7882

CAVHM

CAVENHAM FOREST INDUSTRIES, INC.
62424 NEHALEM HY.
VERNONIA, OR 97064
(503)429-6012

CAWAS

WESTERN AERIAL SURVEYS, INC.
3385 ARLINGTON AVENUE
RIVERSIDE, CA 92506
(714)784-4014

CENPT

CITY OF CENTRAL POINT ADMINISTRATOR
P.O. BOX 3576
155 S. SECOND STREET
CENTRAL POINT, OR 97502
(503)664-3321

CGRPG

CG REPROGRAPHICS
2651 HANGAR WAY
BAKERSFIELD, CA 93308
(805)393-0204

CHARLE

CHARLESTON COUNTY TAX ASSESSOR
P.O. BOX 427
CHARLESTON, SC 29402
(803)723-6718

CHATHA

CHATHAM COUNTY
SAVANNAH METRO PLANNING COMMISSION
2 EAST BAY STREET
SAVANNAH, GA 31402
(912)236-9523

CHECO

CHESTERFIELD COUNTY TAX ASSESSOR
COURTHOUSE
CHESTERFIELD, SC 29709
(803)623-7362

CHEROK

CHEROKEE COUNTY TAX ASSESSOR
P.O. BOX 1405
GAFFNEY, SC 29340
(803)489-1141

CHICK

CHICKERING-GREEN EMPIRE, INC.
P.O. BOX 2767
1370 S. BERTELSEN ROAD
EUGENE, OR 97402
(503)343-8877

CH2M

CH2M HILL REDDING
P.O. BOX 2088
1525 COURT STREET
REDDING, CA 96099
(916)243-5831

CLARK

CLARK COUNTY MAP SERVICE
P. O. BOX 5000
1200 FRANKLIN AVENUE
VANCOUVER, WA 98663-5000
(206)699-2286

CMRENT

CMR ENTERPRISES
555 W. SHAW AVE., SUITE A6
FRESNO, CA 93704
(209)875-3494

COBSD

CITY OF BELLEVUE
SURVEY DEPARTMENT
111 116TH AVENUE, SE
BELLEVUE, WA 98004
(206)455-6970

CHEST

CHESTER COUNTY TAX ASSESSOR
COURTHOUSE
CHESTER, SC 29706
(803)377-4177

CHRIST

CHRISTOPHOTO
706 HARVEST ROAD
BOTHELL, WA 98012
(206)481-8090, SEATTLE (206)545-8383

CLAREN

CLARENDON COUNTY TAX ASSESSOR
P.O. BOX 367
MANNING, SC 29102
(803)435-4241

CLBENG

CITY OF LONG BEACH, ENGINEERING
333 WEST OCEAN BLVD., 10TH FLOOR
LONG BEACH, CA 90802
(213)590-6992

CMRPC

CENTRAL MIDLANDS REGIONAL
PLANNING COUNCIL
800 DUTCH SQUARE BLVD., SUITE 155
COLUMBIA, SC 29210
(803)798-1243

COCSCP

CITY OF CHARLESTON
DEPT OF PLANNING & URBAN DEVELOPMENT
116 MEETING STREET
CHARLESTON, SC 29401
(803)577-6970, EXT 410

COEAK

CORPS OF ENGINEERS
POUCH 898
ANCHORAGE, AK 99506
(907)552-2207

COEKS

CORPS OF ENGINEERS
601 E 12TH STREET
KANSAS CITY, MO 64106
FTS 758-3201

COELRA

CORPS OF ENGINEERS
P.O. BOX 867
LITTLE ROCK, AR 72203
FTS 740-5662

COEMOB

CORPS OF ENGINEERS, MOBILE DISTRICT
SAMEN-PS, PHOTOGRAMMETRY UNIT
P.O. BOX 2288
MOBILE, AL 36628
(205)690-2704/5; FTS 534-2704/5

COEPOD

CORPS OF ENGINEERS, PORTLAND DISTRICT
SURVEY BRANCH - BOX 2946
319 S.W. PINE STREET
PORTLAND, OR 97208-2946
(503)221-6473; FTS 423-6473

COESAC

CORPS OF ENGINEERS, SURVEY BRANCH
SACRAMENTO DISTRICT
650 CAPITOL MALL
SACRAMENTO, CA 95814
(916)551-1905; FTS 406-1905

COECSC

CORPS OF ENGINEERS
334 MEETING STREET
CHARLESTON, SC 29402
(803)724-4365

COELAD

CORPS OF ENGINEERS, SURVEY BRANCH
LOS ANGELES DISTRICT - BOX 2711
300 N. LOS ANGELES ST., RM. 6018
LOS ANGELES, CA 90053
(213)894-5550; FTS 798-5550

COEMEM

CORPS OF ENGINEERS
MEMPHIS DISTRICT
8314 CLIFFORD DAVIS, FEDERAL BLDG.
MEMPHIS, TN 38103
FTS 222-3221

COEPAC

CORPS OF ENGINEERS, SURVEY BRANCH
PACIFIC OCEAN DIVISION
BLDG. 230, FT SHAFTER
HONOLULU, HI 96858
(808)438-1941

COEROC

CORPS OF ENGINEERS
ROCK ISLAND DISTRICT
CLOCK TOWER BLDG.
ROCK ISLAND, IL 61201
(319)391-5915

COESEA

CORPS OF ENGINEERS, SURVEY BRANCH
SEATTLE DISTRICT - BOX C-3755
4735 EAST MARGINAL WAY, SOUTH
SEATTLE, WA 98134
(206)764-3677; FTS 399-3677

COESFD

CORPS OF ENGINEERS, SURVEY BRANCH
SAN FRANCISCO DISTRICT
211 MAIN STREET
SAN FRANCISCO, CA 94105
(415)974-0421; FTS 454-0421

COESTP

CORPS OF ENGINEERS
ST. PAUL DISTRICT
1135 US POST OFFICE & CUSTOM HOUSE
ST. PAUL, MN 55101
(612)725-7594

COEWWD

CORPS OF ENGINEERS, WALLA WALLA DIST.
PHOTOGRAMMETRY 1GDP SECTION
BLDG. 602, CITY-COUNTY AIRPORT
WALLA WALLA, WA 99362
(509)522-6650; FTS 434-6650

COLE

COLLETON COUNTY TAX ASSESSOR
P.O. BOX 1176
WALTERBORO, SC 29488
(803)549-1213

COLEST

COL-EAST, INC.
P.O. BOX 347
NORTH ADAMS, MA 01247
(413)664-6769

COLUMB

EAST COLUMBIA BASIN IRRIGATION DIST.
P.O. BOX E
55 N. 8TH STREET
OTHELLO, WA 99344
(509)488-9671

COESTL

CORPS OF ENGINEERS
210 TUCKER BOULEVARD, N.
ST. LOUIS, MO 63101
(314)263-5668; FTS 273-5668

COEVID

CORPS OF ENGINEERS
VICKSBURG DISTRICT
P.O. BOX 60
VICKSBURG, MS 39180
FTS 542-5707, (206)634-5707

COFSPA

CITY OF SPARTANBURG
ENGINEERING DEPARTMENT
CITY HALL, BOX 1749
SPARTANBURG, SC 29301
(803)596-2068

COLEOH

COLE-LAYER-TRUMBLE, INC.
3535 SALEM AVENUE
DAYTON, OH 45406
(513)276-5261

COLOR

COLOR AERIAL PHOTOGRAPHY
1135 W. LAS PALMAS DRIVE
TUCSON, AZ 85704
(602)887-0444

COMCOL

COMMERCIAL COLOR SERVICE
P.O. BOX 1635
OLYMPIA, WA 98507
(206)352-1033

CONTAS

CONTINENTAL AERIAL SURVEYS, INC.
P.O. BOX 335
ALCOA, TN 37701
(615)983-0945

COOSBY

CITY OF COOS BAY
ENGINEERING DEPARTMENT
500 CENTRAL AVENUE
COOS BAY, OR 97420
(503)269-8916

COQUIL

CITY OF COQUILLE
PUBLIC WORKS DIRECTOR
99 E. SECOND STREET
COQUILLE, OR 97423
(503)396-2116

COVELO

COVELO & COVELO PHOTOGRAPHY
312 LINCOLN STREET
SANTA CRUZ, CA 95060
(408)423-2922

CRAWFD

CRAWFORD PHOTOGRAPHY
722 O STREET
SANGER, CA 93657
(209)875-3800

CSUNR

CA STATE UNIV, NORTHRIDGE
MAP LIBRARY, GEOGRAPHY DEPT
18111 NORDHOFF ST
NORTHRIDGE, CA 91324
(818)885-3465

COOP

COOPER AERIAL SURVEY CO.
1692 W. GRANT ROAD
TUCSON, AZ 85745
(602)887-0444

COPAER

COOPER AERIAL OF NEVADA, INC.
3750 S. VALLEY VIEW BLVD.
LAS VEGAS, NV 89103
(702)362-4776

COSMPW

COUNTY OF SAN MATEO, DEPT. OF
PUBLIC WORKS, ENGINEERS OFFICE
590 HAMILTON AVE., 3RD FLOOR
REDWOOD CITY, CA 94063
(415)363-4300, EXT 1458

CRAIG

CRAIGMONT AIR SERVICES, INC.
P.O. BOX 297
CRAIGMONT, ID 83523
(208)924-5782

CSDDPW

COUNTY OF SAN DIEGO
DEPARTMENT OF PUBLIC WORKS
5201-D RUFFIN ROAD
SAN DIEGO, CA 92123
(619)565-5081

CUMB

CUMBERLAND COUNTY PLANNING BOARD
800 EAST COMMERCE STREET
BRIDGETON, NJ 08302
(609)451-8000

CUSAER

CUSTOM AERO GRAPHICS
P.O. BOX 1601
MORENO VALLEY, CA 92388
(714)242-6540

DANNER

DANNER AND ASSOCIATES
2406 EAST UNIVERSITY AVENUE
URBANA, IL 61801

DAVIS

RICHARD B. DAVIS CO.
711 H STREET
CRESCENT CITY, CA 95531
(707)464-9571

DELANO

DELANO PHOTOGRAPHICS, INC.
1536 S.E. 11TH AVENUE
PORTLAND, OR 97214
(503)236-2139

DENRI

DENRI PHOTOGRAPHY
6208 N. CALERA AVE.
AZUZA, CA 91702
(818)335-7819

DILLON

DILLON COUNTY TAX ASSESSOR
CITY-COUNTY COMPLEX
DILLON, SC 29536
(803)774-9921

CUZIN

CUZZIN'S PHOTOS
4019 RONALD ROAD
POCATELLO, ID 83202
(208)237-0611

DARCO

DARLINGTON COUNTY TAX ASSESSOR
COURTHOUSE
DARLINGTON, SC 29532
(803)393-7211

DCRPC

DANE COUNTY
REGIONAL PLANNING COMMISSION
ROOM 114, CITY-COUNTY BUILDING
MADISON, WI 53709
(608)266-4137

DELCAR

DEL CARLO STUDIOS
313 BROKAW ROAD
SANTA CLARA, CA 95050
(408)727-3113

DENVER

DENVER WATER DEPARTMENT
1600 W. 12TH AVENUE
DENVER, CO 80254
(303)623-2500 EXT. 266

DMAHTC

DMAHTC
IMAGERY SERVICES DIVISION
6500 BROOKES LANE
WASHINGTON, D.C. 20315-0030
(301)227-2600

DORCO

DORCHESTER COUNTY TAX ASSESSOR
P.O. BOX 613
ST. GEORGE, SC 29477
(803)563-2331 EXT. 262

DOUGCO

DOUGLAS COUNTY ASSESSOR
COURTHOUSE
ROSEBURG, OR 97470
(503)672-3311, EXT. 225

DOUPUD

DOUGLAS COUNTY
PUBLIC UTILITY DISTRICT
1151 VALLEY MALL PARKWAY
E. WENATCHE, WA 98801
(509)884-7191

DUDHAR

DUDLEY, HARDIN & YANG, INC.
3839 STONE WAY
SEATTLE, WA 98103
(206)632-3001

ECES

EDGEFIELD COUNTY EXTENSION SERVICE
P.O. BOX 509
EDGEFIELD, SC 29824
(803)637-5501

ECOSCN

ECOSCAN RESOURCE DATA
P O BOX 1046
FREEDOM, CA 95019
(408)728-3285

ECWRPC

EAST CENTRAL WISCONSIN
REGIONAL PLANNING COMMISSION
104 MAIN STREET
MENASHA, WI 54952
(414)729-1100

EDGE

EDGEFIELD COUNTY TAX ASSESSOR
P.O. BOX 267
EDGEFIELD, SC 29824
(803)637-5273

EGLVW

EAGLE VIEW AERIAL PHOTOGRAPHY
110 NORTH 6TH STREET
KLAMATH FALLS, OR 97601
(503)882-7187

EPA

U.S. ENVIRONMENTAL PROTECTION AGENCY
REMOTE SENSING DIVISION, DATA MGMT
P.O. BOX 15027, 944 EAST HARMON ST.
LAS VEGAS, NV 89114
(702)798-2100, FTS 595-2100

ERTEC

AIRBORNE SYSTEMS
1891 BETMORE LANE
ANAHEIM, CA 92805-6701
(714)634-3002

ESTMC

EASTERN MAPPING COMPANY
250 FREEPORT ROAD
PITTSBURGH, PA 15238
(412)828-3410

FAHEY

FAHEY MICHAEL PHOTOGRAPHY
3140 KERNER BLVD., SUITE J
SAN RAFAEL, CA 94901
(415)459-8777

FAIRNI

FAIRCHILD NATIONAL, INC.
13284 CENTRAL AVE, BOX 220
MAYER, AZ 86333
(800)528-7250, (602)632-7309

FITZPH

FITZGERALD PHOTOGRAPHY, INC.
5006 LACEY BLVD, S.E.
OLYMPIA, WA 98503
(206)491-3861

FLOR

FLORENCE COUNTY TAX ASSESSOR
BOX A CITY-COUNTY COMPLEX
FLORENCE, SC 29501
(803)665-3056

FOSTER

JERRY FOSTER AND COMPANY
4211 EAST
DALLAS, TX 75226
(214)824-8461

FRANZ

FRANZEN PHOTOGRAPHY
746 ILANIWAI STREET, ROOM 200
HONOLULU, HI 96813
(808)537-9921

FAIRCO

FAIRFIELD COUNTY
TAX ASSESSORS OFFICE
P.O. BOX 216
WINNSBORO, SC 29180
(803)635-5705

FASH

FASHINELL JIM PHOTOGRAPHY
14950 ZELMA STREET
SAN LEANDRO, CA 94579
(415)352-1441

FLDOT

FLORIDA DEPT. OF TRANSPORTATIO..
STATE TOPOGRAPHIC OFFICE
HAYDEN BURNS BUILDING
TALLAHASSEE, FL 32304
(904)488-2250

FOSAPH

FOSTER AIR PHOTO
9312 FLORENCE LANE
GARDEN GROVE, CA 92641
(714)539-3890

FOTO

AERIAL FOTOBANK, INC.
11211 SORRENTO VALLEY ROAD, SUITE 2
SAN DIEGO, CA 92121
(619)455-0780

GADCA

GEORGIA DEPARTMENT OF
COMMUNITY AFFAIRS (NCIC)
40 MARIETTA STREET, N.W.
ATLANTA, GA 30303
(404)656-3836

GADNRG

GEOLOGIC & WATER RESOURCES DIVISION
GEORGIA DEPT. OF NATURAL RESOURCES
19 MARTIN LUTHER KING JR. DR., S.W.
ATLANTA, GA 30334
(404)656-3214

GAPTC

GEORGIA PACIFIC TIMBER COMPANY
HOLLY HILL, SC 29059
(803)496-5013

GENGE

GREINER AERIAL SURVEY, INC.
6220 24TH STREET
SACRAMENTO, CA 95822
(916)391-1651

GEOD

GEOD AERIAL SURVEYS, INC.
73 OAK RIDGE ROAD
OAK RIDGE, NJ 07438
(201)697-2122

GERCZ

GERCZYNSKI PHOTOGRAPHS
2211 N 7TH AVE
PHOENIX, AZ 85007
(602)252-9229

GLNDLE

CITY OF GLENDALE
ENGINEERS OFFICE
633 BROADWAY, RM. 205
GLENDALE, CA 91206-4388
(818)956-3945

GAERSV

GEORGIA AERIAL SURVEYS, INC.
4379 ATLANTA ROAD
SMYRNA, GA 30080
(404)434-2516

GBASNV

GREAT BASIN AERIAL SURVEYS
255 GLENDALE AVE, SUITE 1
SPARKS, NV 89431
(702)359-7242

GENTRY

GENTRY AVIATION SERVICES
101 1ST STREET, SUITE 443
LOS ALTOS, CA 94022
(415)964-1485

GEOMAP

GEOMAPS, INC.
235 E. JERICO TURNPIKE
MINELOA, NY 11530
(516)538-5082

GLASAP

GLASSAN-LANMON AERIAL PHOTOGRAPHY
INTERNATIONAL AIRPORT
CORPUS CHRISTI, TX 78412
(512)289-1120

GLOBAL

GLOBAL AERO, INC.
833 MAHLER RD., SUITE 5
BURLINGAME, CA 94010
(415)692-7900

GRAPH

GRAPHCO
1815 ST. CLAIR AVENUE
CLEVELAND OH 44114
(216)241-1815

GRCOPC

GREENVILLE COUNTY PLANNING COMM.
COURTHOUSE ANNEX
GREENVILLE, SC 29601
(803)298-8671

GRENST

GRENSTED PHOTOGRAPHY
BOX 283
SALINAS, CA 93902
(408)424-7551

GRNMAN

GREENMAN, PEDERSON, INC.
100 WEST MAIN STREET
BABYLON, NY 11702
(516)587-5060

GRWAIR

GRW AERIAL SURVEY, INC.
801 CORPORATE DRIVE
LEXINGTON, KY 40503
(606)223-3999

HARD

M. J. HARDEN ASSOCIATES INC.
1019 ADMIRAL BLVD.
KANSAS CITY, MO 64106
(816)842-0141

GRCO

GREENVILLE COUNTY TAX ASSESSOR
DALTON BUILDING
GREENVILLE, SC 29601
(803)298-8766

GREEN

GREENWOOD COUNTY TAX ASSESSOR
ROOM 109 COURTHOUSE
GREENWOOD, SC 29646
(803)229-6622, EXT. 237

GRNBAY

GREEN BAY MAP COMPANY
1303 S. WEBSTER
GREEN BAY, WI 54301
(414)437-6277

GROSS

SPENCER B. GROSS-
AERIAL PHOTOGRAPHY
13545 N.W. SCIENCE PARK DRIVE
PORTLAND, OR 97229
(503)646-1733

HAMP

HAMPTON COUNTY TAX ASSESSOR
COURTHOUSE
HAMPTON, SC 29924
(803)943-2454

HDR

HENNINGSON, DURHAM & RICHARDSON
8404 INDIAN HILLS DRIVE
OMAHA, NE 68114
(402)399-1000

HILDEB

HILDEBRAND AERIAL SURVEYS
ROUTE 4, BOX 580
GEORGETOWN, TX 78626
(512)863-6953

HOCOTA

HORRY COUNTY TAX ASSESSOR
BEATY STREET
CONWAY, SC 29526
(803)248-6347

HORIZ

HORIZON SURVEYS
11008 MAGNOLIA BLVD.
NORTH HOLLYWOOD, CA 91601
(213)985-0753

HORWST

HORIZONS WEST
427 S. SAN FRANCISCO ST
FLAGSTAFF, AZ 86001
(602)779-1014

HOUARS

HOUSTON AERIAL SURVEYS
9923 EAST TEXAS FREEWAY
HOUSTON, TX 77093
(713)692-9525

HOYT

TOM HOYT AERIAL PHOTOS
46 PRIMROSE STREET
APTOS, CA 95003
(408)688-4590

HIVOL

USGS, HAWAII VOLCANO OBSERVATORY
HAWAII VOLCANOES NATIONAL PARK
P.O. BOX 51
HAWAII, HI 96718
(808)967-8811

HOGAN

HOGAN-SCHOCH & ASSOCIATES, INC.
258 PETALUMA AVENUE, BOX 520
SEBASTOPOL, CA 95472
(707)823-4479

HORIZ

HORIZON SURVEYS
11008 MAGNOLIA BLVD
NORTH HOLLYWOOD, CA 91601
(213)985-0753

HOSKIN

HOSKINS-WESTERN-SOUNDEREGGER, INC.
BOX 80358, 825 J STREET
LINCOLN, NE 68501

HOULIB

HOUSTON PUBLIC LIBRARY
500 MCKINNEY
HOUSTON, TX 77002

HUNTCP

HUNTERDON COUNTY PLANNING BOARD
COUNTY ADMINISTRATIVE BUILDING
FLEMINGTON, NJ 08822

HUNTER

HUNTER AERIAL SURVEYS
P.O. BOX 206
JASPER, FL 32052
(904)792-2173

HYMA

HYMA PHOTOGRAPHY
P O BOX 4025
FULLERTON, CA 92634
(714)526-5612

IDADPL

DEPARTMENT OF PUBLIC LANDS
TECHNICAL SERVICES SECTION
801 SOUTH CAPITAL BLVD.
BOISE, ID 83720
(208)334-3816, FTS 554-3816

IDAHO

IDAHO DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
BOX 7129, 3311 WEST STATE ST.
BOISE, ID 83707
(208)334-2939, FTS 554-2939

IKCS

I. K. CURTIS SERVICES, INC.
2907 EMPIRE AVENUE
BURBANK, CA 91504
(818)842-5127

ILCAS

CHICAGO AERIAL SURVEY
2140 S. WOLF ROAD
DES PLAINS, IL 60018
(312)298-1480

IMAGES

IMAGES PHOTOGRAPHY
P.O. BOX 4391
KAILUA-KONA, HI 96745
(808)329-1943

INDPHO

INDUSTRIAL PHOTOGRAPHIC ASSOCIATES
P.O. BOX 15005
LAS VEGAS, NV 89114
(702)873-3235

INLAND

INLAND EMPIRE PAPER COMPANY
NORTH 3320 ARGONNE STREET
SPOKANE, WA 99212-2099
(509)924-1911

INMTN

INTER-MOUNTAIN PHOTOGRAMMETRY, INC.
2121 W. 7TH STREET, BOX 21317
EUGENE, OR 97402
(503)485-4015

INSGHT

INSIGHT RECONNAISSANCE
525 S.E. GOODNIGHT LANE
CORVALLIS, OR 97333
(503)754-6488

INTRA

INTRA SEARCH, INC.
5351 S.ROSLYN STREET
ENGLEWOOD, CO 80111
(303)741-2020

IOWA

IOWA GEOLOGICAL SURVEY
GEOLOGICAL SURVEY BUILDING
IOWA CITY, IA 52240
(319)338-1173

JASPER

JASPER COUNTY TAX ASSESSOR
P.O. BOX 837
RIDGELAND, SC 29936
(803)726-5353

KAMIN

KAMINSKI STUDIOS LTD.
1040 MATLEY LANE
RENO, NV 89502
(702)786-2615

KERCO

KERSHAW COUNTY TAX ASSESSOR
COURTHOUSE
CAMDEN, SC 29020
(803)432-8473

KEY

KEYSTONE AERIAL SURVEYS, INC.
NORTH PHILADELPHIA AIRPORT
PHILADELPHIA, PA 19114
(215)677-3119

KINGAE

TOM KING AERIAL ENTERPRISES
7000 MERRILL AVENUE
CHINO, CA 91710
(714)597-3642

IPAI

INTERNATIONAL PHOTOGRAPHIC
ASSOCIATES, INC.
4500 E. SPEEDWAY BLVD., SUITE 90
TUCSON, AZ 85712
(602)326-2941

JOHNSN

JOHNSON PHOTOGRAPHY
2081 BERING DRIVE
SAN JOSE, CA 95131
(408)436-8778

KENNY

KENNEY AERIAL MAPPING INC.
1130 W. FILLMORE STREET
PHOENIX, AZ 85007
(602)258-6471

KERNCO

KERN COUNTY DEPT. OF PUBLIC WORKS
2601 O STREET
BAKERSFIELD, CA 93301
(805)861-2481

KIMBLE

BUD KIMBALL PHOTOGRAPHY
P.O. BOX 368
STEILCOOM, WA 98388
(206)588-6998

KOPPES

KOPPES PHOTOGRAPHY INC.
1611 NORTH 36TH STREET
PHOENIX, AZ 85008
(602)231-0918

KSTRNS

KANSAS DEPT. OF TRANSPORTATION
BUREAU OF MGMT. & BUDGET
STATE OFFICE BLDG 7TH FL
TOPEKA, KS 66612
(913)296-3416

KYDOT

KENTUCKY DEPT. OF TRANSPORTATION
CHIEF-PHOTO-TECH LAB
STATE OFFICE BUILDING
FRANKFORT, KY 40601
(502)564-4900

LAHSTU

PIERRE OF LAHAINA STUDIOS
129 LAHAINALUNA ROAD, SUITE 201
LAHAINA, MAUI, HI 96761
(808)667-7988

LANDAL

LANDIS AERIAL PHOTO
1440 REGAL ROW, SUITE 250
DALLAS, TX 75247
(214)631-4952

LANDCO

LANDIS AERIAL
8100 S. AKRON, SUITE 311
ENGLEWOOD, CO 80112
(303)799-1121

LAUREN

LAURENS COUNTY TAX ASSESSOR
P.O. BOX 727
LAURENS, SC 29360
(803)984-6546

KUCERA

KUCERA & ASSOCIATES
7000 REYNOLDS ROAD
MENTOR, OH 44060
(216)255-4700

LAENG

BUREAU OF ENGINEERING
SURVEY DIVISION, ROOM 1430
200 N. MAIN ST., CITY HALL EAST
LOS ANGELES, CA 90012
(213)485-3077

LANCAS

LANCASTER COUNTY PLANNING DIRECTOR
P.O. BOX 730
LANCASTER, SC 29720
(803)285-1565

LANDAZ

LANDIS AERIAL SURVEYS INC.
3816 N. SEVENTH STREET
PHOENIX, AZ 85014
(602)248-8989 ; 1-800-528-4293

LANDHS

LANDIS AERIAL
6950 PORT WEST #100
HOUSTON, TX 77024
(713)880-3200

LEECO

LEE COUNTY TAX ASSESSOR
COURTHOUSE
BISHOPVILLE, SC 29010
(803)484-5341

LEXCO

LEXINGTON COUNTY TAX ASSESSOR
212 S. LAKE DRIVE
LEXINGTON, SC 29072
(803)359-8190

LINCO

LINCOLN COUNTY DEPT. OF
PLANNING AND DEVELOPMENT
210 S.W. SECOND STREET
NEWPORT, OR 97365
(503)265-6611

LOSANG

COUNTY ENGINEER FACILITIES
SURVEY DIVISION, BLDG. A, ROOM 610
550 S. VERMONT AVENUE
LOS ANGELES, CA 90020
(213)738-2501

LUNG

ROBERT J. LUNG & ASSOCIATES, INC.
2832 WALNUT AVE., SUITE E
TUSTIN, CA 92680
(714)832-2072

MAGNUM

MAGNUM LABS
2021 N. FINE AVE
FRESNO, CA 93727
(209)251-4299

MANN

THOMAS R. MANN & ASSOCIATES
5115 COOPER N.E.
ALBUQUERQUE, NM 87108
(505)266-7757

LIBBY

LIBBY PHOTOGRAPHERS
W. 508 2ND AVENUE
SPOKANE, WA 99204
(509)624-5535

LKB

LOCKWOOD, KESSLER, & BARTLETT, INC.
1 AERIAL WAY
SYOSSET, NEW YORK 11791
(516)938-0600

LOWE

LOWE ENGINEERS, INC.
8601 DUNWOODY PLACE, SUITE 406
ATLANTA, GA 30338
(404)998-2232

MAGIJK

MAGIJK PICTURE GRAPHIC COMPANY
73612 HIGHWAY III
PALM DESERT, CA 92260
(619)343-2198

MANLEY

RAY MANLEY PHOTOGRAPHY, INC.
238 S. TUCSON BOULEVARD
TUCSON, AZ 85716
(602)623-0307

MAPSIN

M.P.S.I. MAPS, INC.
4020 MCEWEN, SUITE #116
DALLAS, TX 75234
(214)233-0082

MAPTEC

MAPTECH, INC.
BOX 5300A
JACKSON, MS 39216
(601)969-6673

MARLCO

MARLBORO COUNTY TAX ASSESSOR
COURTHOUSE
BENNETTSVILLE, SC 29512
(803)479-9451

MART

MARTINEZ MAPPING & ENGINEERING, INC.
240 EAST FILLMORE AVENUE
ST. PAUL, MN 55107
(612)291-1127

MCKENZ

M.L. MCKENZIE COS., INC.
HELI-Graphics DIV
4944 E. CLINTON WAY, SUITE 209
FRESNO, CA 93727
(209)453-1933

MCMINN

CITY OF MCMINNVILLE
230 E. SECOND STREET
MCMINNVILLE, OR 97128
(503)472-9371, EXT. 351

MDSTPL

DEPT. OF STATE PLANNING
OFFICE OF PLANNING DATA
301 WEST PRESTON STREET
BALTIMORE, MD 21201
(301)383-5664

MARION

MARION COUNTY TAX ASSESSOR
P.O. BOX 429
MARION, SC 29571
(803)423-3482

MARS

MARS ASSOCIATES, INC.
3644 EAST MCDOWELL ROAD, SUITE 207
PHOENIX, AZ 85008
(602)267-8008

MCINTO

MCINTOSH COUNTY
P.O. BOX 801
DARIEN, GA 31305

MCLAM

MCLAIN AERIAL MAPPING
& SURVEYING, INC.
1665 E 18TH STREET
TUCSON, AZ 85719
(602)622-7272

MCTCA

MAP LIBRARIAN, METROPOLITAN COUNCIL
OF THE TWIN CITIES AREA
300 METRO SQUARE BLDG.
ST. PAUL, MN 55101
(612)291-6464

MEDFRD

CITY OF MEDFORD ENGINEERING DEPT.
CITY HALL
MEDFORD, OR 97501
(503)776-7485

MERCER

MERCER COUNTY PLANNING BOARD
209 S. BROAD STREET
TRENTON, NJ 08608

METRO

METROPOLITAN AERIAL SURVEYS
1225 FAIRMONT AVENUE
FT. WORTH, TX 76101
(817)336-4381

MIAASC

ABRAMS AERIAL SURVEY CORP.
124 NORTH LARCH STREET
LANSING, MI 48901
(517)372-8100

MICOG

S.E. MICHIGAN COUNCIL OF GOVT.
1249 WASHINGTON BLVD., BOOK BLDG.
DETROIT, MI 48226
(313)961-4266

MIDCPB

MIDDLESEX COUNTY PLANNING BOARD
40 LIVINGSTON AVENUE
NEW BRUNSWICK, NJ 08901

MIDSHT

DEPT. OF STATE HIGHWAYS AND TRANS.
ENVIRONMENTAL LIAISON SECTION
STATE HIGHWAYS BLDG.
LANSING, MI 48904
(517)373-0146

MERICK

MERRICK PHOTOGRAPHY
1901 W. ANAHEIM STREET
LONG BEACH, CA 90813
(213)436-3291

MH

MARK HURD AERIAL SURVEYS, INC.
345 PENNSYLVANIA AVE., SOUTH
MINNEAPOLIS, MN 55426
(612)545-2583

MICAS

CAPITOL AIR SURVEY
215 E. TWELVE MILE ROAD
MADISON HEIGHTS, MI 48071
(313)564-4820

MIDAS

MIDLANTIC AERIAL SURVEYS
1140 BLOOMFIELD AVENUE
W. CALDWELL, NJ 07006
(201)575-0790

MIDNR

MICHIGAN DEPT. OF NATURAL RESOURCES
DIV. OF LAND RESOURCE PROGRAM
STEVEN T. MADISON BLDG., BOX 300208
LANSING, MI 48909
(517)373-3328

MIERI

ENVIRONMENTAL RESEARCH INSTITUTE
P.O. BOX 618
ANN ARBOR, MI 48107
(313)994-1200

MILNV

BILL MILLER PHOTOGRAPHY
5425 S. EASTERN AVE.
LAS VEGAS, NV 89119
(702)798-5785

MILPHO

MILLER PHOTOGRAPHY
1059 N. WILSON WAY
STOCKTON, CA 95205
(209)462-6379

MIPDC3

SOUTH CENTRAL MICHIGAN PLANNING
COUNCIL (SMPC)
8135 COX'S DRIVE, SUITE 104
PORTAGE, MI 49002
(616)323-0045

MIRPC

WEST MICHIGAN REGIONAL PLANNING COMM.
TWO FOUNTAIN PLACE, SUITE 240
GRAND RAPIDS, MI 49503
(616)454-9375

MIRSP

MICHIGAN STATE UNIV.
CENTER FOR REMOTE SENSING
201 UPLA BLDG.
EAST LANSING, MI 48824
(517)353-7195

MISION

MISSION AERIAL PHOTOS, INC.
5620 FRIARS ROAD
SAN DIEGO, CA 92110
(619)291-0707

MISION

MISSION AERIAL PHOTOS, INC.
5620 FRIARS ROAD
SAN DIEGO, CA 92110
(619)291-0707

MITRAN

MITRANI PHOTOGRAPHY
1222 S. MARYLAND PARKWAY
LAS VEGAS, NV 89104
(702)382-6505

MKMINE

MACKAY SCHOOL OF MINES
UNIV OF NEVADA
MINES BLDG. 405
RENO, NV 89557-0047
(702)784-6067

MNDNR

MINNESOTA DEPT. OF NATURAL RESOURCES
CENTENNIAL OFFICE BLDG.
ST. PAUL, MN 55155
(612)296-4483

MNPLAN

MINNESOTA STATE PLANNING AGENCY
LAND MGT. INFORMATION CENTER
7TH AND ROBERT STREETS, ROOM LL-45
ST. PAUL MN 55101
(612)292-1211

MODERN

MODERNAGE PHOTO SERVICE, INC.
470 E 3RD ST
LOS ANGELES, CA 90013
(213)628-8194

MOMARC

MID-AMERICA REGIONAL COUNCIL
20 WEST 9TH, SUITE 200
KANSAS CITY, MO 64105
(816)474-4240

MOORE

MOORE'S PHOTOGRAPHY
7128 SNOHOMISH
BOISE, ID 83709-6057
(208)362-3820

MULT

MULTNOMAH COUNTY
DEPT. OF ENVIRONMENTAL SERVICES
2115 SE MORRISON STREET, ROOM 239
PORTLAND, OR 97214
(503)248-3600

NCICAK

USGS - NCIC-ALASKA
SKYLINE BLDG, 218 E ST.
ANCHORAGE, AK 99501
(907)271-4159

NELSON

NELSON PHOTOGRAMMETRICS
214 S. COLE RD.
BOISE, ID 83709
(208)322-6090

NIPCOM

NORTHEASTERN ILLINOIS PLANNING COMM.
SENIOR PLANNING ANALYST
400 W. MADISON STREET
CHICAGO, IL 60606
(312)454-0400

MONCPB

MONMOUTH COUNTY PLANNING BOARD
EAST MAIN STREET
FREEHOLD, NJ 07728
(201)431-7460

MORCPB

MORRIS COUNTY PLANNING BOARD
COURTHOUSE
MORRISTOWN, NJ 07960
(201)829-8183

NARS

NATIONAL ARCHIVES & RECORDS SERVICES
CARTOGRAPHIC & ARCHITECTURAL BRANCH
8TH AND PA. AVE., N.W., ROOM 2W
WASHINGTON, D.C. 20408
(202)756-6700/6704, FTS, 756-6700

NEBDR

NEBRASKA DEPT. OF ROADS
SOUTH JUNCTION, U.S. 77 AND N2
LINCOLN, NE 68509
(402)473-4682

NEWCO

NEWBERRY COUNTY TAX ASSESSOR
P.O. BOX 362
NEWBERRY, SC 29108
(803)276-3228

NJDOT

NEW JERSEY DEPT. OF TRANSPORTATION
1035 PARKWAY AVE., CN600
TRENTON, NJ 08625
(609)2923105

NJENVP

DEPT. OF ENVIRONMENTAL PROTECTION
OFFICE OF ENVIRONMENTAL ANALYSIS
CN 410
TRENTON, NJ 08625
(609)292-8206

NOBEND

CITY OF NORTH BEND ENGINEERING DEPT.
825 UNION STREET, BOX B
NORTH BEND, OR 97459
(503)756-0416

NORLT

NORTHLIGHT PHOTOGRAPHY
P.O. BOX 2552
SUN VALLEY, ID 83353
(208)726-3458

NORPAS

NORTH PACIFIC AERIAL SURVEYS, INC.
4241 B. STREET
ANCHORAGE, AK 99503
(907)563-3038

NORTON

NORTON PEARL PHOTOGRAPHY
875 COWAN RD
BURLINGAME, CA 94010
(415)697-0766

NOS

NOAA, NATIONAL OCEAN SURVEY
NAUTICAL DATA, CG222
WSC1, ROOM 818
ROCKVILLE, MD 20852
(301)443-8661

NPSLM

DEPT. OF INTERIOR NATL. PARK SERVICE
LAKE MEAD NATIONAL RECREATION AREA
601 NEVADA HIGHWAY
BOULDER CITY, NV 89005
(702)293-4041

NVBMG

NEVADA BUREAU OF MINES AND GEOLOGY
UNIV. OF NEVADA
RENO, NV 89557-0088
(702)784-6691

NVDOT

NEVADA STATE HIGHWAY DEPT.
1263 SOUTH STEWART STREET
CARSON CITY, NV 89712
(702)885-3458

NWAER

NORTHWEST AERIAL PHOTOGRAPHERS
518 JAMES STREET
SEATTLE, WA 98104
(206)622-2131

NWAPHO

NORTHWEST AIR PHOTOS
1630 BAY STREET
PORT ORCHARD, WA 98366
(206)876-3764

NYSEGC

NEW YORK STATE ELECTRIC AND GAS CORP.
4500 BESTAL PARKWAY EAST
BINGHAMTON, NY 13902
(607)729-2551, EXT. 2726

OAKLAN

OAKLAND COUNTY PLANNING DIVISION
1200 N. TELEGRAPH ROAD
PONTIAC, MI 48053
(313)858-0723

OCNSD

CITY OF OCEANSIDE
ENGINEERING DEPT.
320 N. HORNE ST.
OCEANSIDE, CA 92054
(619)439-7157

OHDNR

OHIO DEPT. OF NATURAL RESOURCES
DIVISION OF SOIL & WATER CONSERVATION
REMOTE SENSING SECT., FOUNTAIN SQ.
COLUMBUS, OH 43224
(614)265-6770, FTS 942-6770

OHIOTR

OHIO DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
25 SOUTH FRONT STREET
COLUMBUS, OH 43215
(614)466-7170

ORANGE

ORANGEBURG COUNTY TAX ASSESSOR
P.O. BOX 703
ORANGEBURG, SC 29115
(803)533-1000

ORGADM

ORANGE COUNTY ADMINISTRATIVE OFFICE
10 CIVIC CENTER PLAZA, ROOM 386D
SANTA ANA, CA 92701
(714)834-5595

OCEAN

OCEAN COUNTY PLANNING BOARD
CN2191
TOMS RIVER, NJ 08754
(201)929-2054

OCOCO

OCONEE COUNTY TAX ASSESSOR
MAILROOM
WALHALLA, SC 29691
(803)638-3550

OHIODT

OHIO DEPT. OF TRANSPORTATION
AERIAL ENGINEERING SECTION
1602 WEST BROAD STREET
COLUMBUS, OH 43223
(614)466-3205, FTS 942-3205

ONEUP

ONE FLIGHT UP
1085 LOUISE AVE
SAN JOSE, CA 95125
(408)971-1325

OREGON

CITY OF OREGON CITY
P.O. BOX 631
OREGON CITY, OR 97045
(503)655-8481

ORGSUR

ORANGE COUNTY SURVEYOR
400 CIVIC CENTER DRIVE; P.O. BOX 4048
SANTA ANA, CA 92702
(714) 834-8158

ORHWYD

DEPT. OF TRANSPORTATION
HIGHWAY DIVISION
TRANSPORTATION BLDG., RM 22
SALEM, OR 97310
(503)378-6256

ORWAC

WAC CORP.
520 CONGER STREET
EUGENE, OR 97402
(503)342-5169

PACGAS

PACIFIC GAS TRANSMISSION COMPANY
P.O. BOX 4389
SPOKANE, WA 99202
(509)534-0657

PADT

DEPT. OF TRANSPORTATION
BUREAU OF DESIGN
BLDG. 28, HARRISBURG INTL. AIRPORT
MIDDLETOWN, PA 17057
(717)783-1518

PAREBR

PARISH OF EAST BATON ROUGE
ENGINEERING DIVISION
P.O. BOX 1471
BATON ROUGE, LA 70821
(504)389-3200

PARKFR

PARKER & FRESHLEY
120 S.W. STARK STREET
PORTLAND, OR 97204
(503)228-6073

ORSF

OREGON STATE FORESTRY DEPT.
2600 STATE STREET
SALEM, OR 97310
(503)378-2504, FTS 530-2504

PACAER

PACIFIC AEROGRAHICS
425 E. COLUMBINE AVE.
SANTA ANA, CA 92707
(714)545-3497

PACWAS

PACIFIC WESTERN AERIAL SURVEYS
329 SALINAS STREET
SANTA BARBARA, CA 93103
(805)963-0382

PAN

PAN AMERICAN SURVEYS, INC.
87755 S.W. 131 STREET
MIAMI, FL 33176
(305)235-7051

PARK

PARK AERIAL SURVEYS
P.O. BOX 17408
LOUISVILLE, KY 40217
(502)366-4571

PAS

PACIFIC AERIAL SURVEYS
444 PENDLETON WAY
OAKLAND, CA 94621
(415)632-2020

PEGSUS

PEGASUS ASSOCIATED PHOTOGRAPHERS
E. 3613 SPRINGFIELD STREET
SPOKANE, WA 99202
(509)534-0600

PERRY

RALPH PERRY PHOTOGRAPHY
2228 N.W. 6TH AVE.
CAMAS, WA 98607
(206)694-2030

PHOTGD

PHOTO GEODETIC CORP.
7840 CONVOY COURT
SAN DIEGO, CA 92111
(619)277-1010

PICKEN

PICKENS COUNTY TAX ASSESSOR
P.O. BOX 411
PICKENS, SC 29671
(803)878-4273

PICTOR

PICTORIAL CRAFTS, INC.
6865 FLIGHT RD., MUNICIPAL AIRPORT
RIVERSIDE, CA 92504
(714)687-0363

PLACER

DEPT. OF PUBLIC WORKS
ENGINEERING DIVISION
FULWEILER AT NEVADA STREET
AUBURN, CA 95603
(916)823-4544

PERERA

PEREIRA PHOTOGRAPHY
2201 WASHINGTON ST. P.R. 5
STOCKTON, CA 95203
(209)466-0022

PHOMAS

IDAHO REPROGRAPHICS
600 FRONT STREET
BOISE, ID 83702
(208)343-8516

PHOTNW

PHOTOGRAPHY NORTHWEST, INC.
1415 ELLIOT AVE., WEST
SEATTLE, WA 98119
(206)285-5249

PICSC

PICTORIAL SCIENCES, INC.
1097 W. BASELINE ROAD
SAN BERNARDINO, CA 92411
(714)888-5795

PIEDAS

PIEDMONT AERIAL SURVEYS, INC.
123 S. WALNUT CIRCLE
GREENSBORO, NC 27409
(919)294-6025

PLUMB

PLUMB CREEK TIMBER CO., INC.
FIRST INTERSTATE CENTER BLDG.
999 THIRD AVE., SUITE 2300
SEATTLE, WA 98104-4096
(206)467-3631

POLKCO

POLK COUNTY DEPT. OF PLANNING
COUNTY COURTHOUSE, ROOM 203
DALLAS, OR 97338
(503)623-9237

POTLAT

POTLATCH CORP.
TIMBERLANDS DEPT.
P.O. BOX 1016
LEWISTON, ID 83501
(208)799-1499

PUBPAP

PUBLISHERS PAPER CO.
4000 KRUSE WAY PLACE
LAKE OSWEGO, OR 97034
(503)635-9711

QUINID

QUINAULT INDIAN NATION
P.O. BOX 189, QDNR-FORESTRY
TAHOLAH, WA 98587
(206)276-8211

REALED

REAL ESTATE DATA, INC.
2398 N.W. 19TH STREET
MIAMI, FL 33167
(305)685-5731

RICHCO

RICHLAND COUNTY TAX ASSESSOR
2020 HAMPTON STREET
COLUMBIA, SC 29202
(803)748-5015

PORTRA

PORTRAITS BY HOMER AND VAN
2770 S. MARYLAND PARKWAY
LAS VEGAS, NV 89109
(702)735-1165

PREPHO

PRECISION PHOTO LABORATORIES, INC.
5758 N. WEBSTER ST., BOX 14311
DAYTON, OH 45414

PUGH

HARL PUGH & ASSOCIATES
469 GRAND AVENUE
SOUTH SAN FRANCISCO, CA 94080
(415)871-5440

QUINN

QUINN & ASSOC.
460 CARENDAN DRIVE
HORSHAM, PA 19044

REALTY

REALTY AERIAL PHOTOGRAPHY
P.O. BOX 22533
SACRAMENTO, CA 95822
(916)428-1513

RIVCFD

RIVERSIDE COUNTY
FLOOD CONTROL DISTRICT
1995 MARKET ST., BOX 1033
RIVERSIDE, CA 92502
(714)787-2329

ROBASI

ROBINSON AERIAL SURVEYS, INC.
43 SPARTA AVENUE
NEWTON, NJ 07860
(201)383-2511

RSDCWI

REMOTE SENSING DATA CENTER
UNIV. OF WISCONSIN
130 ENGINEERING LIBRARY
MADISON, WI 53706
(608)262-7980

SALEM

SALEM COUNTY PLANNING BOARD
OLD COURTHOUSE, 102 MARKET ST.
SALEM, NJ 08079
(609)935-7510

SALUDA

SALUDA COUNTY TAX ASSESSOR
COURTHOUSE
SALUDA, SC 29138
(803)445-8121

SANLO

SANLO AERIAL SURVEYS, INC.
4875 VIEWRIDGE AVENUE
SAN DIEGO, CA 92123
(619)565-1024

SCALPH

SOUTHERN CA AERIAL PHOTOGRAPHY
P.O. BOX 4168
FULLERTON, CA 92634
(714)773-1836

ROCKSC

CITY OF ROCK HILL
P.O. BOX 11706
ROCK HILL, SC 29730
(803)328-6171

RUPAP

RUPP AERIAL PHOTOGRAPHY INC.
4811 N. SEVENTH ST., SUITE B
PHOENIX, AZ 85014
(602)277-0439

SALMPW

CITY OF SALEM PUBLIC WORKS DEPT.
555 LIBERTY STREET, S.E.
SALEM, OR 97301
(503)588-6211

SANBOR

SANBORN MAP COMPANY, INC.
629 FIFTH AVENUE
PELHAM, NY 10803
(914)738-1649

SANTEE

SANTEE-COOPER
PUBLIC SERVICE AUTHORITY
ONE RIVERWOOD DRIVE, (M-501)
MONCK'S CORNER, SC 29461
(803)899-2121

SCCOC

SOUTH CAROLINA COASTAL COUNCIL
19 HAGOOD AVE., SUMMERALL CENTER
CHARLESTON, SC 29401
(803)792-5808

SCFC

SOUTH CAROLINA FORESTRY COMMISSION
5500 BROAD RIVER ROAD
COLUMBIA, SC 29221
(803)758-6900

SCS

AERIAL PHOTOGRAPHY FIELD OFFICE
USDA-ASCS
2222 WEST 2300 SOUTH, BOX 30010
SALT LAKE CITY, UT 84125
(801)524-5856, FTS 588-5856

SCWRC

WATER RESOURCES COMMISSION
3830 FOREST DRIVE, BOX 4440
COLUMBIA, SC 29204
(803)758-2514

SIDWEL

SIDWELL COMPANY
28 W. 240 NORTH AVE.
WEST CHICAGO, IL 60185
(312)231-0206

SILVER

CITY OF SILVERTON, ENGINEER
306 S. WATER STREET
SILVERTON, OR 97381
(503)873-8679

SKYPHO

SKYVIEW PHOTOGRAPHY
4500 E. SPEEDWAY BLVD., SUITE 112
TUCSON, AZ 85712
(602)327-8185

SCLRRC

SOUTH CAROLINA LAND RESOURCES
CONSERVATION COMMISSION
2221 DEVINE STREET, SUITE 222
COLUMBIA, SC 29205
(803)758-2823

SCWMRD

WILDLIFE & MARINE RESOURCES DEPT.
P.O. BOX 12559
CHARLESTON, SC 29412
(803)795-6350

SEWRPC

SOUTHEASTERN WISCONSIN
REGIONAL PLANNING COMMISSION
916 NORTH EAST AVE.
WAUKESHA, WI 53186
(914)547-6721

SIERRA

SIERRA WEST, INC.
8100 N.E. 94TH AVE.
VANCOUVER, WA 98662
(206)254-0089

SKYINC

SKYVIEW AERIAL SURVEYS INC.
352 W. 12TH STREET
EUGENE, OR 97401
(503)343-8000

SMU

SOUTHERN METHODIST UNIV.
SCIENCE-ENGINEERING LIBRARY
ATTN: MAP LIBRARY
DALLAS, TX 75275
(214)692-2285

SNOHOM

CITY OF SNOHOMISH
 DIRECTOR OF PUBLIC WORKS
 116 UNION AVE.
 SNOHOMISH, WA 98290
 (206)568-3115

SONCOD

SONOMA COUNTY PLANNING DEPARTMENT
 575 ADMINISTRATION DRIVE, ROOM 105A
 SANTA ROSA, CA 95401
 (707)527-2412

SPARTA

SPARTANBURG COUNTY TAX ASSESSOR
 P.O. BOX 5762
 SPARTANBURG, SC 29301
 (803)596-2544

SPOKAN

SPOKANE COUNTY ENGINEERS OFFICE
 811 N. JEFFERSON STREET
 SPOKANE, WA 99260
 (509)456-3600

SRBC

SUSQUEHANNA RIVER BASIN COMM.
 1721 NORTH FRONT STREET
 HARRISBURG, PA 17102
 (717)238-0425

SUMTER

SUMTER COUNTY TAX ASSESSOR
 COURTHOUSE
 SUMTER, SC 29150
 (803)773-1581

SOMCPB

SOMERSET COUNTY PLANNING BOARD
 P.O. BOX 3000
 SOMERVILLE, NJ 08876
 (201)231-7021

SPACLC

SOUTHERN PACIFIC LAND COMPANY
 1626 COURT STREET
 REDDING, CA 96001
 (916)241-8006

SPCOPC

SPARTANBURG COUNTY PLANNING COMM.
 142 SOUTH DEAN ST., ROOM 310
 SPARTANBURG, SC 29301
 (803)596-3570

SPRING

CITY OF SPRINGFIELD
 PUBLIC WORKS DEPT.
 255 N 5TH STREET
 SPRINGFIELD, OR 97477
 (503)726-3688

STANWT

STANWORTH-GARN PHOTOGRAPHY
 413 W. HOBSONWAY
 BLYTHE, CA 92225
 (619)922-3106

SUNLD

SUNLAND PHOTOGRAPHY
 8900 RICO COURT, P O BOX 1
 ORANGEVALE, CA 95662
 (916)988-7295

SURDEX

SURDEX CORP.
25 MERCURY BLVD.
CHESTERFIELD, MO 63017
(314)532-3427

SWAER

SOUTHWEST AERIAL PHOTOGRAPHY
RT 4, BOX 754
FLAGSTAFF, AZ 86001
(602)779-1030

SYMONS

SYMONS PHOTOGRAPHY
2564 TASSAJARA AVE.
EL CERRITO, CA 94530
(415)233-1656

TALSTM

TALSTEM PHOTOGRAPHY, INC.
1026 NORTH ENID AVE
AZUZA, CA 91702
(818)334-5478

THUND

THUNDERBIRD AVIATION
7375 ROLLING DELL DR., NO. 22
CUPERTINO, CA 95014
(408)243-2266

THURST

THURSTON COUNTY DEPT. OF
PUBLIC WORKS
2000 LAKERIDGE DR., S.W.
OLYMPIA, WA 98501
(206)786-5490

TOBIN

TOBIN RESEARCH
114 CAMP STREET
SAN ANTONIO, TX 78297
(512)223-6203

TOUPS

TOUPS CORP.
4131 N. 24TH ST., SUITE 110
PHOENIX, AZ 85016
(602)954-9191

TOW

TOWILL, INC.
608 HOWARD STREET
SAN FRANCISCO, CA 94105
(415)982-1758

TOWILL

R. M. TOWILL CORP.
PHOTOGRAMMETRY DEPT.
677 ALA MOANA BLVD., SUITE 1016
HONOLULU, HI 96813
(808)524-8200

TRNMAP

TRANSMAP AERIAL SURVEYS
3401 SIRIUS AVE., SUITE 6
LAS VEGAS, NV 89102
(702)871-9626

TVA

TENNESSEE VALLEY AUTHORITY
101 HANEY BLDG.
CHATTANOOGA, TN 37401
(615)751-5404

TXAM

TEXAS A & M REMOTE SENSING CENTER
COLLEGE STATION, TX 77801
(713)845-5422

TXAU

CITY OF AUSTIN, ENGINEERING DEPT.
301 W. 2ND ST., BOX 1088
AUSTIN, TX 78767
(512)477-6511, EXT. 2545

TXFSV

TEXAS FOREST SERVICE
TNRIS
5411 JACKWOOD DRIVE
SAN ANTONIO, TX 78238
(512)684-2147

TXGLO

TEXAS GENERAL LAND OFFICE
1700 NORTH CONGRESS
AUSTIN, TX 78711
(512)475-4681

TXIA

INTERNATIONAL AERIAL MAPPING COMPANY
8927 INTERNATIONAL DRIVE
SAN ANTONIO, TX 78216
(512)826-8681

TXPIC

PETROLEUM INFORMATION CENTER
2391 NE LOOP 410
SAN ANTONIO, TX 78217
(512)656-6277

TXAREO

AERO SERVICE DIVISION
WESTERN GEOPHYSICAL COMPANY
8100 WESTPARK DR.
HOUSTON, TX 77063
(713)784-5800

TXBEG

TEXAS BUREAU OF ECONOMIC GEOLOGY
TNRIS
5411 JACKWOOD DRIVE
SAN ANTONIO, TX 78238
(512)684-2147

TXG

GRETEMAN AERIAL PHOTOMAPS
15508 WRIGHT BROTHERS DRIVE
AIRPORT PLAZA, 4500 RATLIFF LANE
DALLAS, TX 75248
(214)248-8239

TXHWY

TEXAS DEPT. OF HIGHWAYS
& PUBLIC TRANSPORTATION
11TH AND BRAZOS STREETS
AUSTIN, TX 78701
(512)475-2877

TXNRIS

TEXAS NATURAL RESOURCE
INFORMATION SYSTEM
P.O. BOX 1387
AUSTIN, TX 78711
(512)475-3321, FTS 734-5011

TXU

UNITED AERIAL MAPPING
5411 JACKWOOD DRIVE
SAN ANTONIO, TX 78238
(512)684-2147

TXWSAM

WILLIAMS-STACKHOUSE, INC.
AERIAL MAPPING MOSAICS
2118 MANNIX
SAN ANTONIO, TX 78217
(512)824-6301

UMATCO

UMATILLA COUNTY DEPT.
OF PLANNING & RESEARCH
216 S.E. 4TH STREET
PENDLETON, OR 97801
(503)276-7111

UNION

UNION COUNTY DIV. OF
PLANNING AND DEVELOPMENT
COUNTY COURTHOUSE
ELIZABETH, NJ 07207

UNIVAK

UNIV. OF ALASKA
ARCTIC ENVIRONMENTAL CENTER
707 "A" STREET
ANCHORAGE, AK 99501
(217)244-0933

UNOFGA

UNIV. OF GEORGIA
MARINE EXTENSION SERVICE
P.O. BOX 517
BRUNSWICK, GA 31520

UPSON

UPSON STUDIOS
205 VASSER ST., BOX 1006
RENO, NV 89502
(702)786-6623

UCLA

UNIV. OF CALIFORNIA AT LOS ANGELES
DEPT. OF GEOGRAPHY
405 HILGARD AVE., ROOM 1255
LOS ANGELES, CA 90024
(213)206-8188

UNICAL

UNIVERSITY OF CALIFORNIA
MAP AND IMAGERY LABORATORY
LIBRARY
SANTA BARBARA, CA 93106
(805)961-4049, 961-2779

UNIONC

UNION COUNTY TAX ASSESSOR
P.O. DRAWER G
UNION, SC 29379
(803)427-1205

UNIVKS

UNIV. OF KANSAS
APPLIED REMOTE SENSING
2291 IRVING HILL DRIVE
LAWRENCE, KS 66045
(913)864-4775

UNSURV

UNITED SURVEYS OF ARIZONA
P O BOX 798
SACATON, AZ 85247
(602)562-3301

USDAFR

U.S.D.A. FRUIT PROTECTION &
PRODUCTION RESEARCH LABORATORY
P.O. BOX 267
WESLACO, TX 78596
(512)968-5533

USDOI

U.S. DEPT. OF INTERIOR
 NATURAL RESOURCES LIBRARY
 SERIALS BRANCH (GE)
 WASHINGTON, D.C. 20240
 (202)343-5815

USFSHI

USDA, FOREST SERVICE
 PACIFIC SW FOREST & RANGE EXPER. STA.
 1151 PUNCH BOWL STREET, ROOM 323
 HONOLULU, HI 96813
 (808)546-5669

USFWO1

U.S. FISH & WILDLIFE SERVICE
 500 N.E. MULTNOMAH STREET
 PORTLAND, OR 97232
 (503)231-6208, FTS 429-6208

VADOT

VIRGINIA DEPT. OF HIGHWAYS & TRANS.
 1401 EAST BROAD STREET
 RICHMOND, VA 23219
 (804)786-2575

VALLEY

VALLEY WINGS AERIAL PHOTOGRAPHY
 4232 W HERNDON AVE
 FRESNO, CA 93722
 (209)432-6337

VERNON

VERNON GRAPHICS, INC.
 30 SOUTH MONTGOMERY AVE.
 NORRISTOWN, PA 19403
 (215)539-3000

USFS

AERIAL PHOTOGRAPHY FIELD OFFICE
 USDA-ASCS
 2222 W. 2300 S., BOX 30010
 SALT LAKE CITY, UT 84125
 (801)524-5856, FTS 588-5856

USFSII

U.S. FOREST SERVICE
 201 E. 9TH AVE.
 ANCHORAGE, AK 99510
 (907)271-2538

USFWS

U.S. FISH AND WILDLIFE SERVICE
 NATIONAL WETLANDS INVENTORY
 9720 EXECUTIVE CENTER DR. N.
 ST. PETERSBURG, FL 33702
 FTS. 826-3863

VALAP

VALLEY AIR PHOTOS
 4601 AVIATION WAY, BOX 1118
 CALDWELL, ID 83606
 (208)454-1344

VARA

VARA SYSTEMS, INC.
 3537 OLD CONEJO ROAD, SUITE 106
 NEWBURY PARK, CA 91320
 (805)499-0465

VESTPH

COVELLO & COVELLO PHOTOGRAPHY
 312 LINCOLN STREET
 SANTA CRUZ, CA 95060
 (408)423-2922

VILA

VILA-SCOTT AIRBORNE EXPLORATION, INC.
744 MOCKINGBIRD LANE
PLEASANTON, CA 94566
(415)462-9631

WACCA

WACCAMAW REGIONAL PLANNING COUNCIL
1001 FRONT STREET, P.O. BOX 419
GEORGETOWN, SC 29440
(803)546-8502

WALACK

WALLACE ACKERMAN STUDIO, INC.
1656 E. OLIVE WAY
SEATTLE, WA 98102
(206)324-1111

WALKER

WALKER AND ASSOCIATES, INC.
6264 STANLEY AVE. S., BOX C81430
SEATTLE, WA 98108
(206)763-9858

WALLCT

CITY OF WALLA WALLA
ENGINEERING DIVISION
BOX 478, 3RD AND ROSE STREETS
WALLA WALLA, WA 99362
(509)527-4386

WAREN

WARENSKI GARCAL PHOTOGRAMMETRY
521 J STREET
MARYSVILLE, CA 95901
(916)742-6718

VTNCON

VTN CONSOLIDATED, INC.
2301 CAMPUS DRIVE
IRVINE, CA 92713
(714)851-5200

WAGAS

WASHINGTON GAS LIGHT COMPANY
6801 INDUSTRIAL ROAD
SPRINGFIELD, VA 22151
(703)750-5610

WALCO

WALLA WALLA COUNTY ENGINEER
P.O. BOX 813, 314 MAIN STREET
WALLA WALLA, WA 99362
(509)529-1273

WALKMO

WALKER & ASSOC.
1650 HEADLAND
FENTON, MO 63026
(314)343-6111

WALPHL

WALICK PHILIP AERIAL
PHOTOGRAPHY - AIRSHIPS
P.O. BOX 3069
CHICO, CA 95927
(916)893-8464

WASHDT

DEPT OF TRANSPORTATION
PHOTOGRAMMETRY BRANCH, MS/QM-1
1655 SOUTH SECOND AVE.
TUMWATER, WA 98501
(509)865-1102

WASHNR

DEPT. OF NATURAL RESOURCES
RESOURCE MAPPING SECTION, AW-11
OLYMPIA, WA 98504
(206)753-5338, FTS 434-5338

WESAPI

WESTERN AERIAL PHOTOS, INC.
303 CONVENTION WAY
REDWOOD CITY, CA 94063
(415)369-5273

WESTLN

CITY OF WEST LINN,
PUBLIC WORKS DIRECTOR
4900 PORTLAND AVE.
WEST LINN, OR 97068
(503)656-4211

WHITER

WHITTIER COLLEGE, DEPT OF GEOLOGY
FAIRCHILD AERIAL PHOTOGRAPHY COLL.
13406 E. PHILADELPHIA STREET
WHITTIER, CA 90608
(213)693-0071, EXT. 418

WIDOT

WISCONSIN DEPT. OF TRANSPORTATION
4802 SHEBOYGAN AVE.
MADISON, WI 53707
(608)266-0309

WILLIA

WILLIAMSBURG COUNTY TAX ASSESSOR
117 S. JACKSON STREET
KINGSTREE, SC 29556
(803)354-7059

WEHRMN

WEHRMAN PHOTOGRAPHY
8856 E. CALLE PLAYA
TUCSON, AZ 85715
(602)885-2655

WESTBR

WESTBROOK STUDIO
305 N. HARBOR BLVD.
FULLERTON, CA 92632
(714)680-4448

WEYER

WEYERHAEUSER COMPANY
CH3-38, TIMBERLAND DRIVE
TACOMA, WA 98477
(206)924-2069

WICHTA

CITY OF WICHITA PLANNING DEPT.
CITY HALL, 10TH FLOOR
455 NORTH MAIN STREET
WICHITA, KS 67202
(316)268-4432

WIEGMN

WIEGMAN AERIAL PHOTOGRAPHY
P O BOX 221343
SACRAMENTO, CA 95822
(916)429-0895

WILSON

WILSONS PHOTOGRAPHY
28 WINHAM STREET
SALINAS, CA 93901
(408)785-5313

WILVER

WILVERT-PENCEK & ASSOCIATES, LTD.
1485 CALLENS ROAD
VENTURA, CA 93003
(805)644-1066

WISCO

STATE CARTOGRAPHERS OFFICE
UNIV. OF WISCONSIN
144 SCIENCE HALL, 550 N. PARK ST.
MADISON, WI 53706
(608)262-3065

WKAKAS

WALKER-ALASKA AERIAL SURVEYS, INC.
5313 ARTIC BLVD.
ANCHORAGE, AK 99503
(907)563-4104

XVRPC

AREA XV
REGIONAL PLANNING COMMISSION
226 WEST MAIN
OTTUMWA, IA 52501
(515)684-6551