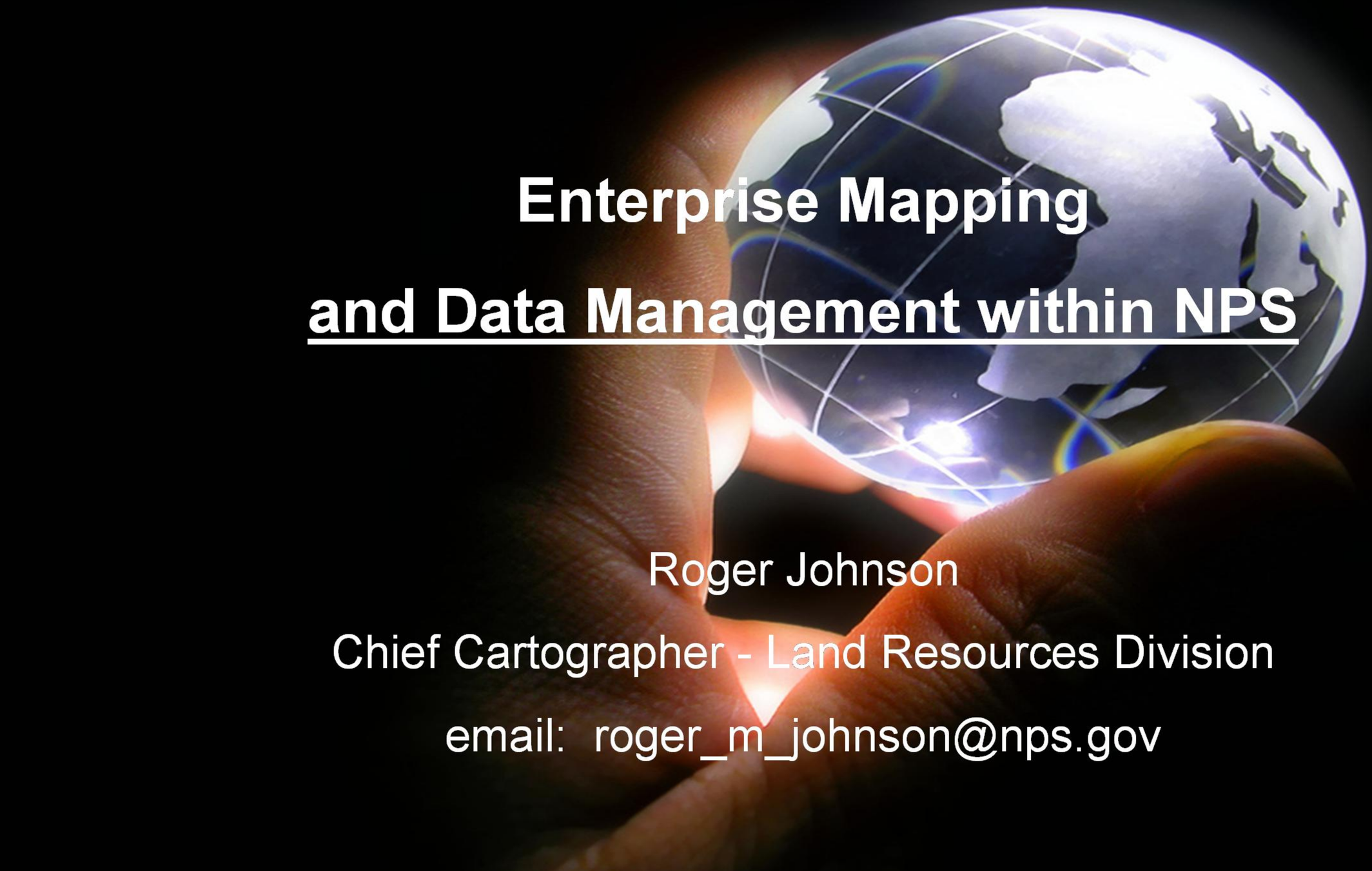
National Park Service

Workshop on Mapping of Benthic Habitat



Enterprise Mapping and Data Management within NPS

Roger Johnson

Chief Cartographer - Land Resources Division

email: roger_m_johnson@nps.gov

National Park Service

Enterprise Efforts

1. **Building Footprint Data Collection & Processing** (Allen Sparks)
   - Current nationwide project involving the development, collection, aggregation, display & distribution of building footprint data
2. **Geodatabase Replication for Distributed Data Management** (David Best)
   - A pilot project in the Pacific West region to evaluate and implement two-way replication between park-based datasets & service-wide versions.
3. **NPS Perspectives** (Joe Gregson & Nate Irwin)
   - An approach formulated by the Resource Information Management Division (RIMD) for developing web applications that allow for the integration of multiple datasets into a single interface.
4. **NPS Data Store** (Peter Budde)
   - A Natural Resources (NR) maintained internet application that provides a repository and search engine for metadata describing National Park Service data.
   - A “Benthic_Habitat” directory has been setup for this effort that requires an appropriate username and password in order to upload either data metadata or both.

National Park Service - Land Resources Division (LRD)

Mission Support & Authority

The Land Resource Division (LRD) is responsible for the exchange and acquisition of lands for the National Park Service. As a result of this activity LRD is the official repository of all NPS land record data and continually maintains dynamic land ownership, parcel, and boundary datasets.

Directors Order 19 - "The Land Resources National Program Center is the office of record for the acreage, interest and ownership for NPS land acquisitions. All land acquisition records and related records should be managed according to procedures established in Director's Order 25: Land Protection, and its accompanying reference material."

Director's Order 25 – "Land status maps will be prepared to identify the ownership of the lands within the authorized boundaries of the park unit. These maps, showing ownership and acreage, are the "official record" of the acreage of Federal and non-federal lands within the park boundaries. While these maps are the official record of the lands and acreage within the unit's authorized boundaries, they are not of survey quality and not intended to be used for survey purposes. "

National Park Service - Land Resources Division (LRD)

Policies & Procedures

1. **“Land Acquisition Procedures” Manual (LAPS)**
   - Chapter 4 defines the policies and procedures of building, maintaining, and distributing LRD’s ownership databases.
   - Chapter 5 defines LRD’s land status mapping policies and data standards.
2. **Digital Map Conversion Standard Operating Procedures (SOP):** outlines all the technical processes used in the creation of LRD’s cartographic & geospatial data and products.
3. **Legislative Map Guidelines** along with a template were developed and distributed in conjunction with the Office of Legislative and Congressional Affairs.
4. **Draft Director’s Order 10-B**: LRD actively participates in the development of new standards that effect mapping activities.
5. **Metadata:** LRD worked with the NPS Natural Resources Program to develop tools and templates that allow for easy Federal Geographic Data Committee (FGDC) compliant metadata creation of our data.
6. **Communication & Distribution:** LandsNet, TractsNet, NPS Data Store, Geospatial One-Stop & the public

National Park Service - Land Resources Division (LRD)

LandsNet - http://landsnet.nps.gov

Guidelines

Department of Justice

Title Standards 2001

A guide for the preparation of title evidence in land acquisitions by the United States of America.

Quick links to Contents:

Table of Contents / Why Title Standards 2001, and who uses it? / Evidence of title / Abstract of Title
Supplemental and Supporting Title Evidence / Title Insurance Policies and Certificates of Title / Final Title Evidence
Title Evidence for Condemnations / Title Deed to the United States / General Standards for Taxes / Sample Forms

U.S. Department of Justice
Environment and Natural Resources Division
Land Acquisition Section
Washington, D.C. 20530
December 29, 2000
(reprint March 23, 2001)

[Editor's Note: The reprint of March 23, 2001, added page numbers to the table of contents; added a new item "9" to part B of Form # 1 of the Certificate of Inspection and Possession, which had inadvertently been left out of the original printing; and corrected several errors in item numbering sequences.]

Table of Contents:

National Park Service

DIRECTOR'S ORDER #25: LAND PROTECTION

Approved: /s/ Robert Stanton
Director, National Park Service

Effective Date: January 19, 2001

Sunset Date: January 19, 2005

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1.0 Background and Purpose	**9.0 Appraisals/Legislative Cost Estimates**
2.0 Authority for this Director's Order	**10.0 Property Acquisition/Relocation Assistance**
3.0 Land Protection Methods	**11.0 Acquisition Methods**
4.0 Land Protection Plans	**12.0 Closing Procedures**
5.0 Roles and Responsibilities	**13.0 Official Records/Files**
6.0 Budget and Fiscal Management	**14.0 Boundary Adjustments**
7.0 Maps/Surveys	**15.0 Dealing with Nonprofit Organizations**
8.0 Environmental Site Assessments	

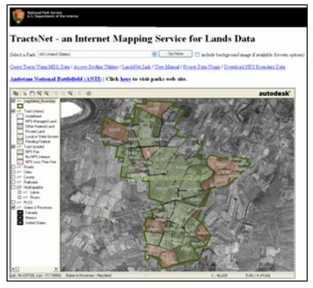
1.0 Background and Purpose

The purpose of this Director's Order is to articulate the framework for land protection, and the process for the acquisition of land and interests in land, within the authorized boundaries of units of the National Park System. This order summarizes NPS Management Policies and sets forth other requirements and responsibilities as they relate to the National Park Service's land protection program. For purposes of this Director's Order, the term "land" includes both non-submerged and submerged land.

The National Park Service is required by the Organic Act (16 USC 1-4) to protect and preserve unimpaired the resources and values of the National Park System, while providing for public use and enjoyment. The Service's land protection activities play a vital role in accomplishing these objectives. A number of park units have non-federally owned lands within their authorized boundaries. Where non-federal lands exist within park boundaries, acquisition of those lands and or interests in land is often necessary and appropriate to protect and manage park resources. When acquisition is not necessary or appropriate, the Service must consider and pursue cost-effective alternatives.

The boundaries of most park units are not based strictly on ecological, cultural, or other resource protection principles, and park units are increasingly subject to impairment from external sources. Examples include air and water pollution, the loss of scenic vistas, the loss of natural quiet, the commercial salvage of historic shipwrecks and the loss of other cultural resources, and the loss of habitat important to wildlife. To fulfill NPS protection responsibilities, strategies and actions beyond park

General Resources

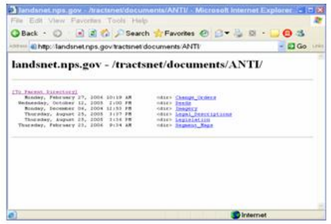

TractsNet - an Internet Mapping Service for Lands Data

Select a Park: All United States — Go Now — include background image if available (lowers optimal)

Query Tracts | Read MDL Data | Access ArcExplorer Tables | LandsNet Link | User Manual | Known Data Issues | Download SDE3 Standard Data

Antietam National Battlefield (ANTI) | **Click here to visit parks web site.**

autodesk


landsnet.nps.gov - /tractsnet/documents/ANTI/ - Microsoft Internet Explorer

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Back · Search Favorites

http://landsnet.nps.gov/tractsnet/documents/ANTI

landsnet.nps.gov - /tractsnet/documents/ANTI/

[To Parent Directory]

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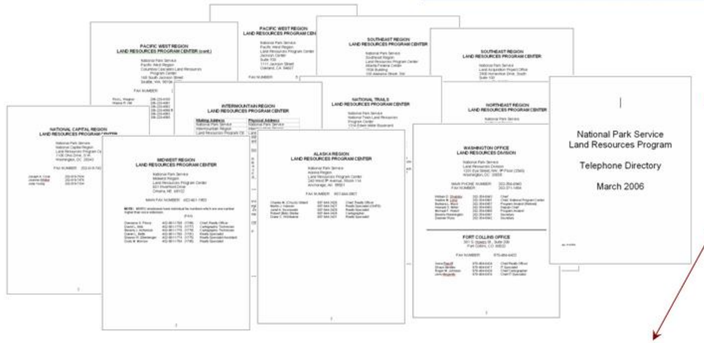
Monday, December 06, 2004 11:53 PM	<dir>	Land_Use_Descriptions
Thursday, August 25, 2005 3:14 PM	<dir>	Legislation
Thursday, February 23, 2006 9:34 AM	<dir>	Segment_Maps

Internet


National Park Service
Land Resources Program

Telephone Directory

March 2006

U.S. Department of the Interior

Search | Welcome | Index | DOI News | Contact Us | DOI Home

Payments in Lieu of Taxes (PILT)

DOI Activities
Initiatives
Healthy Forests
Improving National Parks
Water 2025
Cooperative Conservation
Take Pride in America
National Energy Plan
Management Excellence
Issues of Interest
How do I?
Get a National Parks Pass?
Trace Indian Ancestry?
DOI Quick Facts

"Payments in Lieu of Taxes" (or PILT) are Federal payments to local governments that help offset losses in property taxes due to nontaxable Federal lands within their boundaries.

PILT Menu:
- PILT Summary
- County Payments and Acres
- Payments by State
- FAQs
- Chapter 69
- Regulations

LandsNet

Land Acquisition Information Portal

National Park Service
U.S. Department of the Interior

Land Resources Division

About the NPS Land Resources Program

The National Park Service (NPS) is guided by the Act of August 25, 1916, to protect and preserve resources within units of the National Park System, while providing for public use and enjoyment of those resources. A number of NPS units contain nonfederal lands. Depending on the use of these lands, it is sometimes necessary for the NPS to seek to acquire them, or interests in them, or conduct land exchanges in order to protect resources and visitor use and enjoyment. The NPS also cooperates with states, local governments, nonprofit organizations and property owners to provide other forms of protection.

Guidelines

- **Director's Order 19** - Records Management
- **Director's Order 25** - Land Protection
- **US Department of Justice Guidelines** - Title Standards

General Resources

- **TractsNet** - Internet Mapping Service to visualize & query Land's data
- **Document Archive** - Browse Lands Archive for deeds, legislation, change orders, legal descriptions, segment maps, and metadata.
- **Telephone Directory** - Land Resources Office contact information.
- **Payments in Lieu of Taxes (PILT) Information**
- **FY2007 Land Acquisition Budget**

MIS-MDL Database Downloads

- **Acreage Listing Reports** - **12/2005** - **9/2005** - **Archive**
- **MDL Export File** - **Access** or **DBF** format (updated daily)
- **Encumbrance Export File** - **Access** or **DBF** format (updated daily)
- **MDL+Encumb Files** - **DBF's** in Alpha Code directories (updated daily)
- **Park Alpha Code Listing**

Questions or comments regarding this site should be directed to: PPFL_LandsNet@nps.gov

Date: 6/9/2006 --- Time: 3:12:48 PM --- Counter: 9089

Inside LandsNet

For use only by Land Resources staff.
PASSWORD REQUIRED

Quick Links

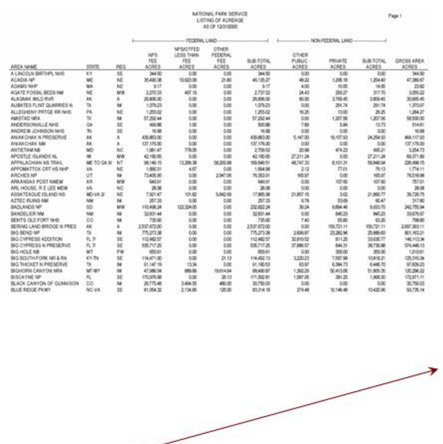
- Acreage Reports
- Document Archive
- Lands Telephone Directory
- TractsNet

Reference

- New Public Laws
- NPS Public Affairs Ref Desk
- NPS Park Unit List
- Red Book (2005-2007 Index)
- NPS Focus
- NPS Policies
- DOI Policies
- NPS Budget
- NPS Greenbook
- President's Budget
- Legislative & Congressional Affairs
- United States Code
- Code of Federal Regulations
- Federal Register

For assistance, contact multiple NPS WASO-Lands employees via e-mail to PPFL_LandsNet@nps.gov

Acreage Reports


NATIONAL PARK SERVICE
LISTING OF ACREAGE
AS OF 12/31/2005

Page 1

			FEDERAL LAND			NON-FEDERAL LAND			
AREA NAME	STATE	REG	NPS FEE ACRES	OTHER FEE LESS THAN FEDERAL ACRES	OTHER FEDERAL ACRES	SUB-TOTAL ACRES	OTHER PUBLIC ACRES	PRIVATE ACRES	SUB-TOTAL ACRES	GROSS AREA ACRES
A LINCOLN BIRTHPL NHS	KY	SE	344.50	0.00	0.00	344.50	0.00	0.00	0.00	344.50
ACADIA NP	ME	NE	35,440.36	10,620.09	21.80	46,130.27	46.22	1,266.10	1,254.60	47,384.87
ADAMS NHP	MA	NE	9.17	0.00	0.00	9.17	4.00	10.83	14.83	23.82
AGATE FOSSIL BEDS NM	NE	MW	2,270.33	497.19	0.00	2,767.52	24.43	259.27	317.70	3,085.22
ALIBATES FLINT QUARRIES N	TX	MI	1,370.23	0.00	0.00	1,370.23	0.00	291.74	291.74	1,370.97
ALIBATES FLINT QUARRIES N	TX	MI	1,370.23	0.00	0.00	1,370.23	0.00	291.74	291.74	1,370.97
AMISTAD NRA	TX	MI	57,252.44	0.00	0.00	57,252.44	0.00	1,207.56	1,207.56	58,500.00
ANDERSONVILLE NHS	GA	SE	499.80	1.00	0.00	500.80	7.80	5.84	13.72	514.61
ANDREW JOHNSON NHS	TN	SE	16.68	0.00	0.00	16.68	0.00	0.00	0.00	16.68
ANIAKCHAK N PRESERVE	AK	A	428,663.00	0.00	0.00	428,663.00	5,147.00	19,157.00	24,254.00	464,117.00
ANIAKCHAK NM	AK	A	137,176.00	0.00	0.00	137,176.00	0.00	0.00	0.00	137,176.00
ANTIETAM NB	MD	NC	1,261.47	779.05	0.00	2,759.52	20.58	474.20	495.21	3,254.73
APOSTLE ISLANDS NL	WI	MW	42,160.85	0.00	0.00	42,160.85	27,311.24	0.00	27,311.24	69,511.85
APPALACHIAN NS TRAIL	ME TO GA	NT	98,140.15	13,286.38	58,200.98	169,640.51	45,747.33	8,101.31	53,848.64	229,489.15
APPOMATTOX CRT HS NHP	VA	NC	1,590.31	4.67	0.00	1,594.98	2.12	77.01	79.13	1,774.11
ARCHES NP	UT	MI	73,405.81	0.00	2,947.00	76,352.81	105.67	0.00	105.67	76,518.98
ARKANSAS POST NMEM	AR	MW	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ARLINGTON HOUSE, R E LEE MEM	VA	NC	26.68	0.00	0.00	26.68	0.00	0.00	0.00	26.68
ASSATEAGUE ISLAND NS	MD-VA 2/	NC	7,521.47	101.82	5,642.00	13,265.29	21,857.15	3.62	21,860.77	39,726.75
AZTEC RUINS NM	NM	MI	257.33	0.00	0.00	257.33	0.74	53.66	54.47	317.80
BADLANDS NP	SD	MW	110,498.24	132,324.00	0.00	232,822.24	39.24	3,854.46	3,033.70	242,755.94
BANDELIER NM	NM	MI	33,831.44	0.00	0.00	33,831.44	0.00	845.20	845.20	33,676.67
BENTS OLD FORT NHS	CO	MI	726.60	0.00	0.00	726.60	7.40	53.60	53.20	780.80
BERING LAND BRIDGE N PRES	AK	A	2,537,672.00	0.00	0.00	2,537,672.00	0.00	159,721.11	159,721.11	2,697,393.11
BIG BEND NP	TX	MI	775,272.38	0.00	0.00	775,272.38	2,806.67	23,282.96	25,889.63	801,162.01
BIG CYPRESS ADDITION	FL,S	SE	112,462.57	0.00	0.00	112,462.57	32,816.52	811.25	33,627.77	146,113.34
BIG CYPRESS N PRESERVE	FL,S	SE	535,717.25	0.00	0.00	535,717.25	37,986.57	844.31	38,730.88	574,448.13
BIG HOLE NB	MT	RM	1,656.00	0.00	21.13	1,677.13	0.00	1,656.00	1,656.00	3,333.13
BIG SOUTH FORK NR & RA	KY,TN	SE	114,471.00	0.00	21.13	114,492.13	3,220.23	7,567.96	10,816.21	125,316.34
BIG THICKET N PRESERVE	TX	NM	91,147.15	13.34	0.00	91,160.50	63.97	6,384.73	6,448.70	97,609.20
BIGHORN CANYON NRA	MT-WY	RM	47,985.04	886.66	19,614.94	68,486.67	1,262.20	50,413.06	51,675.26	120,296.22
BISCAYNE NP	FL	SE	170,699.98	0.00	26.13	171,352.91	1,587.25	361.25	1,948.50	173,301.11
BLACK CANYON OF GUNNISON	CO	NM	20,772.40	2,404.33	480.00	30,750.33	0.00	0.00	0.00	30,750.33
BLUE RIDGE PKWY	NC-VA	SE	81,054.32	2,134.84	120.00	83,314.15	274.40	10,146.48	10,420.88	93,735.14

landsnet.nps.gov - /tractsnet/documents/_Listing_of_Acreage/

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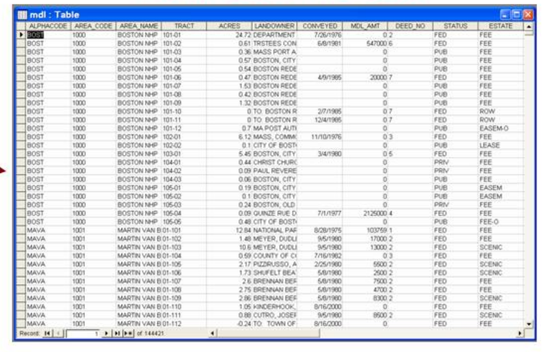
Archive includes acreage reports from 1934 to present

Data Downloads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MAVA	1001	MARTIN VA B 01-101		12.84	NATIONAL PAR	8/28/1975	103759	1	FED	FEE
MAVA	1001	MARTIN VA B 01-102		1.48	MEYER, DUDLI	9/5/1980	17000	2	FED	FEE
MAVA	1001	MARTIN VA B 01-103		10.6	MEYER, DUDLI	9/5/1980	13000	2	FED	SCENIC
MAVA	1001	MARTIN VA B 01-104		0.59	COUNTY OF CI	7/16/1982	0	3	FED	FEE
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MAVA	1001	MARTIN VA B 01-106		1.73	SHUFELT BEA	5/8/1980	2500	2	FED	SCENIC
MAVA	1001	MARTIN VA B 01-107		2.6	BRENNAN BEF	5/8/1980	7500	2	FED	FEE
MAVA	1001	MARTIN VA B 01-108		2.75	BRENNAN BEF	5/8/1980	4700	2	FED	FEE
MAVA	1001	MARTIN VA B 01-109		2.86	BRENNAN BEF	5/8/1980	8300	2	FED	SCENIC
MAVA	1001	MARTIN VA B 01-110		1.05	KINDERHOOK,	8/16/2000	0	4	PUB	EASEM
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MAVA	1001	MARTIN VA B 01-112		0.24	TO TOWN OF	8/16/2000	0		FED	FEE

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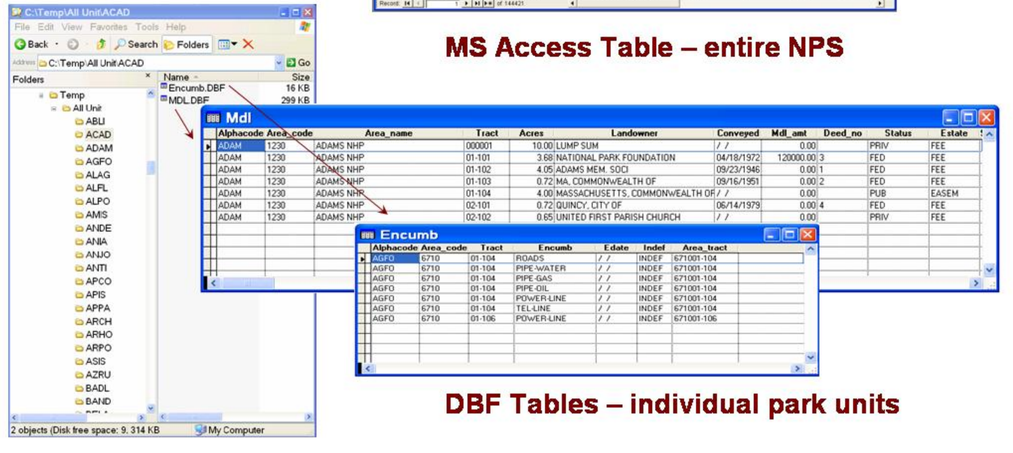
MS Access Table – entire NPS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Back · Search Folders

Address C:\Temp\All Unit\ACAD

Folders: Temp, All Unit, ABLI, ACAD, ADAM, AGFO, ALAG, ALFL, ALPO, AMIS, ANDE, ANIA, ANJO, ANTI, APCO, APIS, APPA, ARCH, ARHO, ARPO, ASIS, AZRU, BADL, BAND

Name — Size
Encumb.DBF — 16 KB
MDL.DBF — 299 KB

2 objects (Disk free space: 9.314 KB) — My Computer

Mdl

Alphacode	Area_code	Area_name	Tract	Acres	Landowner	Conveyed	Mdl_amt	Deed_no	Status	Estate
ADAM	1230	ADAMS NHP	000001	10.00	LUMP SUM	/ /	0.00		PRIV	FEE
ADAM	1230	ADAMS NHP	01-101	3.68	NATIONAL PARK FOUNDATION	04/18/1972	120000.00	3	FED	FEE
ADAM	1230	ADAMS NHP	01-102	4.05	ADAMS MEM. SOCI	09/23/1946	0.00	1	FED	FEE
ADAM	1230	ADAMS NHP	01-103	0.72	MA, COMMONWEALTH OF	09/16/1951	0.00	2	FED	FEE
ADAM	1230	ADAMS NHP	01-104	4.00	MASSACHUSETTS, COMMONWEALTH OF	/ /	0.00		PUB	EASEM
ADAM	1230	ADAMS NHP	02-101	0.72	QUINCY, CITY OF	06/14/1979	0.00	4	FED	FEE
ADAM	1230	ADAMS NHP	02-102	0.65	UNITED FIRST PARISH CHURCH	/ /	0.00		PRIV	FEE

Encumb

Alphacode	Area_code	Tract	Encumb	Edate	Indef	Area_tract
AGFO	6710	01-104	ROADS	/ /	INDEF	671001-104
AGFO	6710	01-104	PIPE-WATER	/ /	INDEF	671001-104
AGFO	6710	01-104	PIPE-GAS	/ /	INDEF	671001-104
AGFO	6710	01-104	PIPE-OIL	/ /	INDEF	671001-104
AGFO	6710	01-104	POWER-LINE	/ /	INDEF	671001-104
AGFO	6710	01-104	TEL-LINE	/ /	INDEF	671001-104
AGFO	6710	01-106	POWER-LINE	/ /	INDEF	671001-106

DBF Tables – individual park units

National Park Service - Land Resources Division (LRD)

Ownership Databases

Alaska

Intermountain

Midwest

National Capital

National Trails

Northeast

Pacific West Oakland

Ownership Databases

Pacific West Seattle

Southeast

Naples

http://LANDSNET.NPS.GOV

National Park Service - Land Resources Division (LRD)

Sources - Hardcopy Segment Maps

NOTE: The subdivided part of Section "A" depicted hereon is the same as shown on the plat of Section "A" Amended, Ocean Beach, Maryland, dated July 22, 1957, recorded in Worcester County, Maryland in Liber EWR 2, Folio 23.

DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
PROPERTY MAP OF
SECTION "A"
ASSATEAGUE ISLAND
NATIONAL SEASHORE
SCALE 1"=400'

LEGEND

SINEPUXENT BAY

SEE SEGMENT 12

SEE SEGMENT 1

SEE SEGMENT 2

HWL

HIGH WATER LINE

ATLANTIC OCEAN

Grid Based on Maryland State Plane Coordinate System

DATE	REVISIONS	BY

ESTABLISHED: SEPTEMBER 21, 1965
BOUNDARY CHANGE:
DATE: SEPTEMBER 25, 1973
COMPILED BY BRANCH OF COORD. & CONTROL
WASHINGTON, D.C.

400 0 400 800 1200 1600
Scale in Feet

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
DIVISION OF LAND ACQUISITION

TITLE SEGMENT 1

DR. BY | CK. BY
APPR. BY
REGION MID-ATLANTIC
DRAWING NO 622 90,003
SHEET 2 OF 19

ASSATEAGUE ISLAND
NATIONAL SEASHORE
WORCESTER COUNTY
MARYLAND

National Park Service - Land Resources Division (LRD)

Sources – Legislation, Deeds, & Legal Descriptions

102D CONGRESS
1ST SESSION

H. R. 2963

To increase the authorized acreage limit for the Assateague Island National Seashore on the Maryland mainland, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

JULY 22, 1991

Mr. GILCHREST introduced the following bill; which was referred to the Committee on Interior and Insular Affairs

---

A BILL

To increase the authorized acreage limit for the Assateague Island National Seashore on the Maryland mainland, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. INCREASE IN ACREAGE LIMIT FOR ASSATEAGUE ISLAND.

Section 2 of the Act entitled "An Act to provide for the establishment of the Assateague Island National Seashore in the States of Maryland and Virginia, and for other purposes", approved September 21, 1965 (16 U.S.C. 459f–1), is amended as follows:

LIBER 273 PAGE 413

RECEIPT NO. 85294 WARRANTY DEED

PROJECT: Assateague Island National Seashore Maryland – Virginia | TRACT NO. 6-144

THIS DEED Made this 14 day of January 1970 by and between

MARSHALL KLATZKIN HAIMES and GAIL HAIMES, his wife, GRANTORS

and the United States of America and assigns, Grantee:

WITNESSETH, that the Grantor(s) for and in consideration of the sum of

ONE THOUSAND DOLLARS ($1000.00)

ALL that lot or parcel of land situate and lying in Election District 10A of Worcester County, Maryland and designated as Lot 3 Block 816 on the plat entitled South Ocean Beach, Inc., (Maryland), 1st Section (Amended), said plat being recorded among the Plat Records of Worcester County in Plat Book CWN 1 folio 92.

BEING the same lot or parcel of land which by Deed dated December 31, 1957 and recorded among the Land Records of Worcester County in Liber FWH 118 folio 520 was granted and conveyed by Guarantee Title Holding Corporation unto the Grantor herein.

ASSATEAGUE ISLAND N.S. — D. 1840

TOGETHER WITH all and singular the buildings and improvements thereon and all rights, hereditaments, easements and appurtenances and all and every rights, roads, ways, waters, watercourses, liberties, privileges, hereditaments, appurtenances and emoluments thereto belonging or in any way appurtenant including accretions opposite to and fronting upon the said land, and to any means of ingress or egress appurtenant thereto.

TOGETHER WITH the right, title, and interest of the said Grantors in and to any streets, alleys, roads, ways, gores, waters, watercourses, or rights and rights-of-way on strips of land abutting, adjacent, adjoining or contiguous to or traversing the land described and conveyed herein and to any means of ingress or egress appurtenant thereto.

Subject, however, to existing easements for public roads, public highways, public utilities, railroads and pipelines.

TO HAVE AND TO HOLD the said tract of land, buildings, hereditaments and premises above described and mentioned and intended so to be with the appurtenances unto the UNITED STATES OF AMERICA and to its assigns, in fee simple FOREVER

AND the said Grantors warrant that the land herein conveyed is owned by them in fee simple, and is free from any mortgages, liens, judgments, or any other encumbrances whatsoever, and hereby agree to warrant and forever defend, all and singular, the title to the land herein and hereby conveyed to the United States of America, and that they will pay against the claims of any and all persons whomsoever, and that said Grantors will execute such other and further assurances thereof as may be requisite.

AS WITNESS the due execution hereof by the aforementioned Grantor(s)

WITNESS:

Irving R. Wright — Marshall Klatzkin Haimes (SEAL)

Marshall Klatzkin Haimes

Irving R. Wright — Gail Haimes (SEAL)

Gail Haimes

(SEAL)

State of Ohio, County of Cuyahoga, to wit:

I hereby certify that on this 6th day of January, 1970 before me, the subscriber, a Notary Public of the State of Ohio in and for Cuyahoga County, aforesaid, personally appeared

MARSHALL KLATZKIN HAIMES and GAIL HAIMES, his wife and acknowledged the aforegoing deed to be his their respective act and deed.

As witness my hand and Notarial Seal.

Edward J. Koons
NOTARY PUBLIC

(SEAL)

My commission expires

EDWARD J. KOONS, Notary Public

Jan. 16, 1970 The foregoing Warranty Deed was received for record and is accordingly recorded among the land records of Worcester County, Md., in Liber W.H.B. No. 273 folio 413

Edward O. Tatum Clerk

Owner: State of Maryland — Assateague Island National Seashore

Area: 4.89 acres, ±

Date: October 11, 2000, NERO
Revised: November 27, 2000, NERO
Revised: May 24, 2001, NERO
Revised: July 17, 2002, NERO
Revised: August 11, 2003, NERRD
Interest to be Acquired: FEE

Tract No. 11-15

A certain parcel of land, being a portion of tax parcel #10-021405, together with the buildings thereon, situate off South Point Road in the Tenth Election District of Worcester County, State of Maryland, and being a portion of the land as depicted on a survey plat entitled "Plan of Land Addition 1-B1 in Worcester County, Maryland", dated June 5, 2002, prepared by Erdman Anthony Consulting Engineers, and being more particularly described as follows:

Beginning at a point on the approximate mean high water line of Synepuxent Bay, and being common to the Southwesterly corner of a parcel of land conveyed to the United States of America, being designated as Tract No. 11-11 of Assateague Island National Seashore; said point of beginning being further referenced as S 50°37'30" E, 61.00 feet, from an aluminum pipe designated as Monument #16 on said survey plat prepared by Erdman Anthony Consulting Engineers;

Thence, running in a general Southwesterly direction along the approximate mean high water line of Synepuxent Bay, (being a natural boundary and subject to change over time), approximately 271 feet;

Thence, leaving the approximate mean high water line of Synepuxent Bay, N 50°37'30" W, approximately 150 feet (calculated), to an aluminum pipe designated as Monument #13 on said survey plat prepared by Erdman Anthony Consulting Engineers;

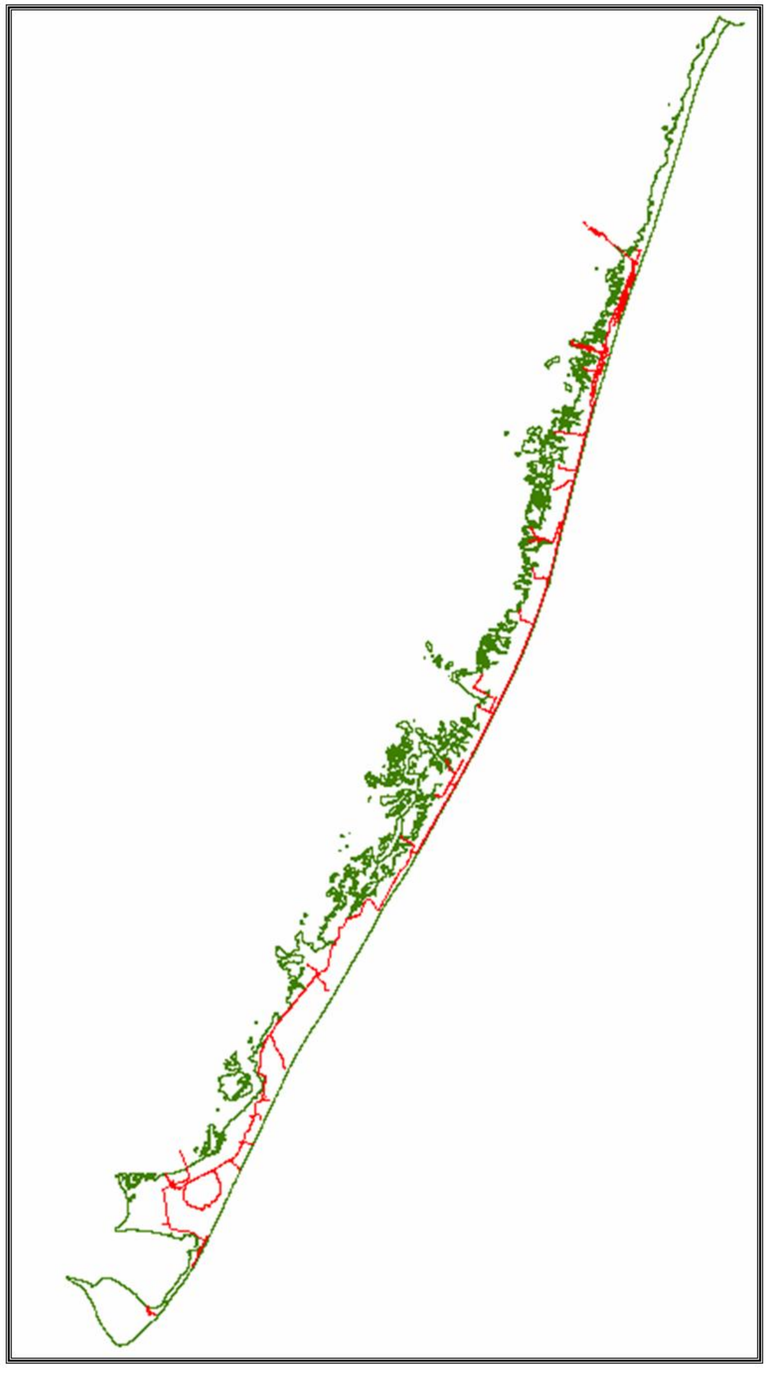
Thence, continuing N 50° 37' 30" W, 698.78 feet, to an aluminum pipe designated as Monument # 14, on said survey plat prepared by Erdman Anthony Consulting Engineers;

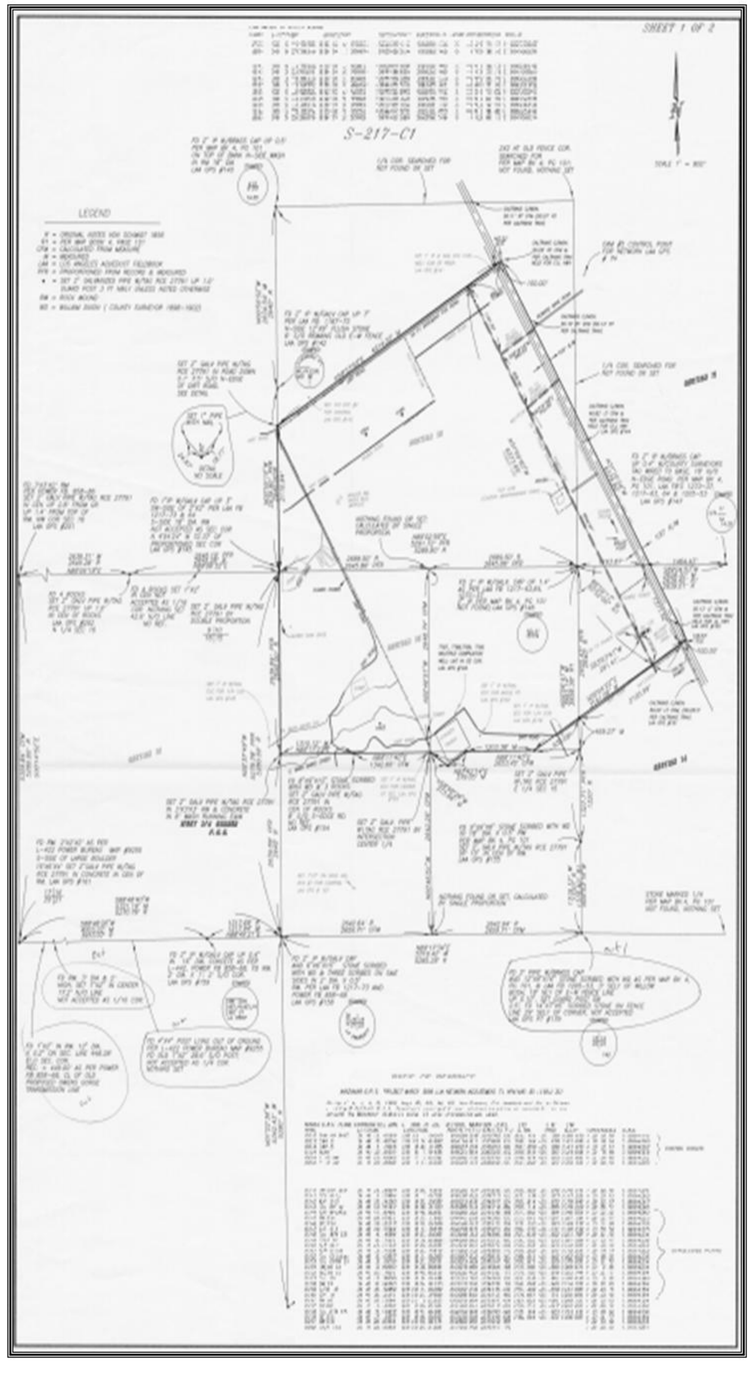
Thence, continuing N 50°37'30" W, 125.00 feet, to an aluminum pipe designated as Monument #14A on said survey plat prepared by Erdman Anthony Consulting Engineers;

Thence, N 39°22'30" E, 200.00 feet, to an aluminum pipe designated as Monument # 15A on said survey plat prepared by Erdman Anthony Consulting Engineers said Monument #15A being further identified as a point on the line of a parcel of land conveyed to the United States of America, designated as Tract No. 11-B of Assateague Island National Seashore;

National Park Service - Land Resources Division (LRD)

Sources – NPS GIS, Surveys, Imagery





National Park Service - Land Resources Division (LRD)

Sources – NPS Data Store, Federal, State, & Local Government

NR/GIS Metadata: Search Results - Windows Internet Explorer

http://science.nature.nps.gov/nrdata/quickoutput2.cfm?UnitSearch=&Action=Search&nps_quicksearc

File Edit View Favorites Tools Help

NR/GIS Metadata: Search Results

Page Tools

NPS Data Store

National Park Service
U.S. Department of the Interior

Application Home
Login

Search

Select Search Type: All Records
and NPS Unit: Assateague Island NS (AS
Category: All Area Categories
or Subject: All Subjects
Word Search:
Keyword
Title
Abstract
Search
Advanced Search

Help

Instructions
About

SEARCH CRITERIA: 103 RECORDS RETURNED

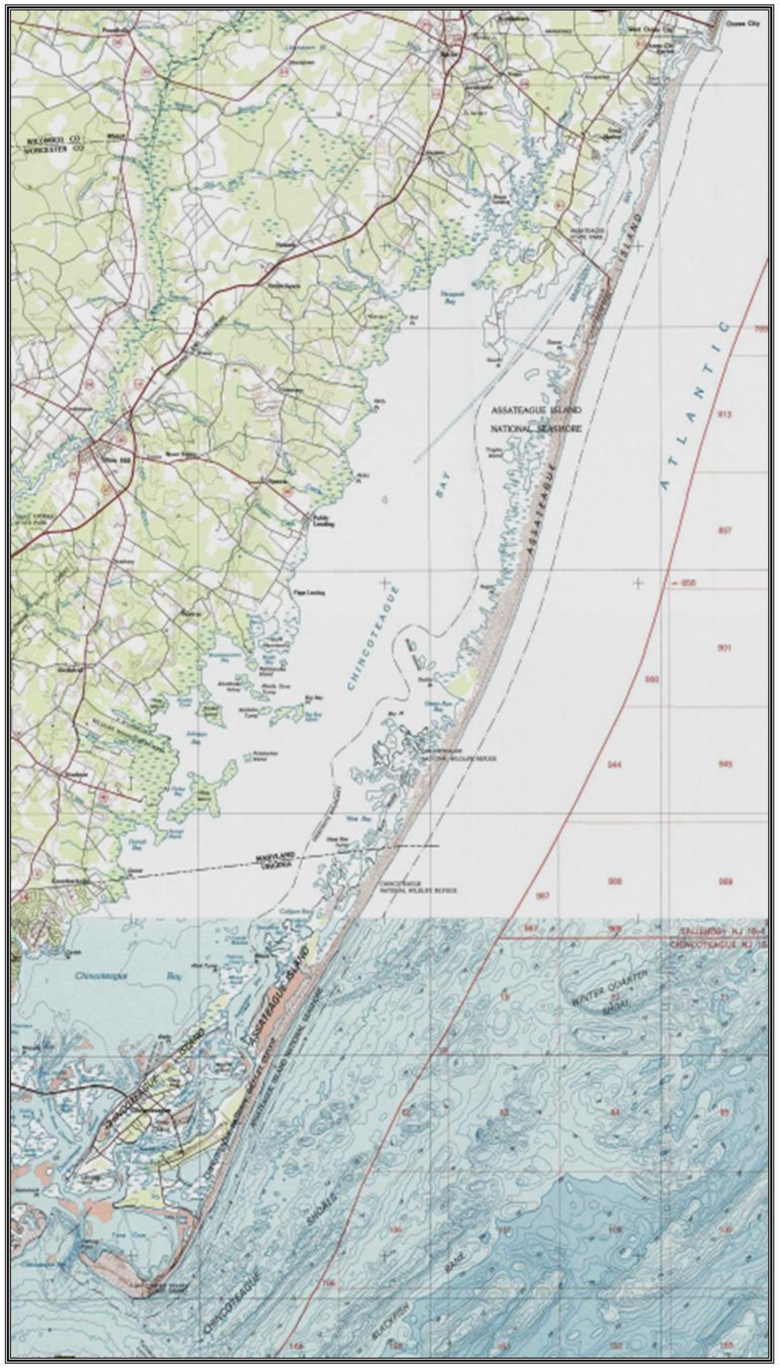
NPS UNIT: ASSATEAGUE ISLAND NATIONAL SEASHORE (ASIS)

Click on column headings to sort records.

Natural Resource Inventory & Monitoring Program: Official Inventory(I) or Monitoring(M) Records

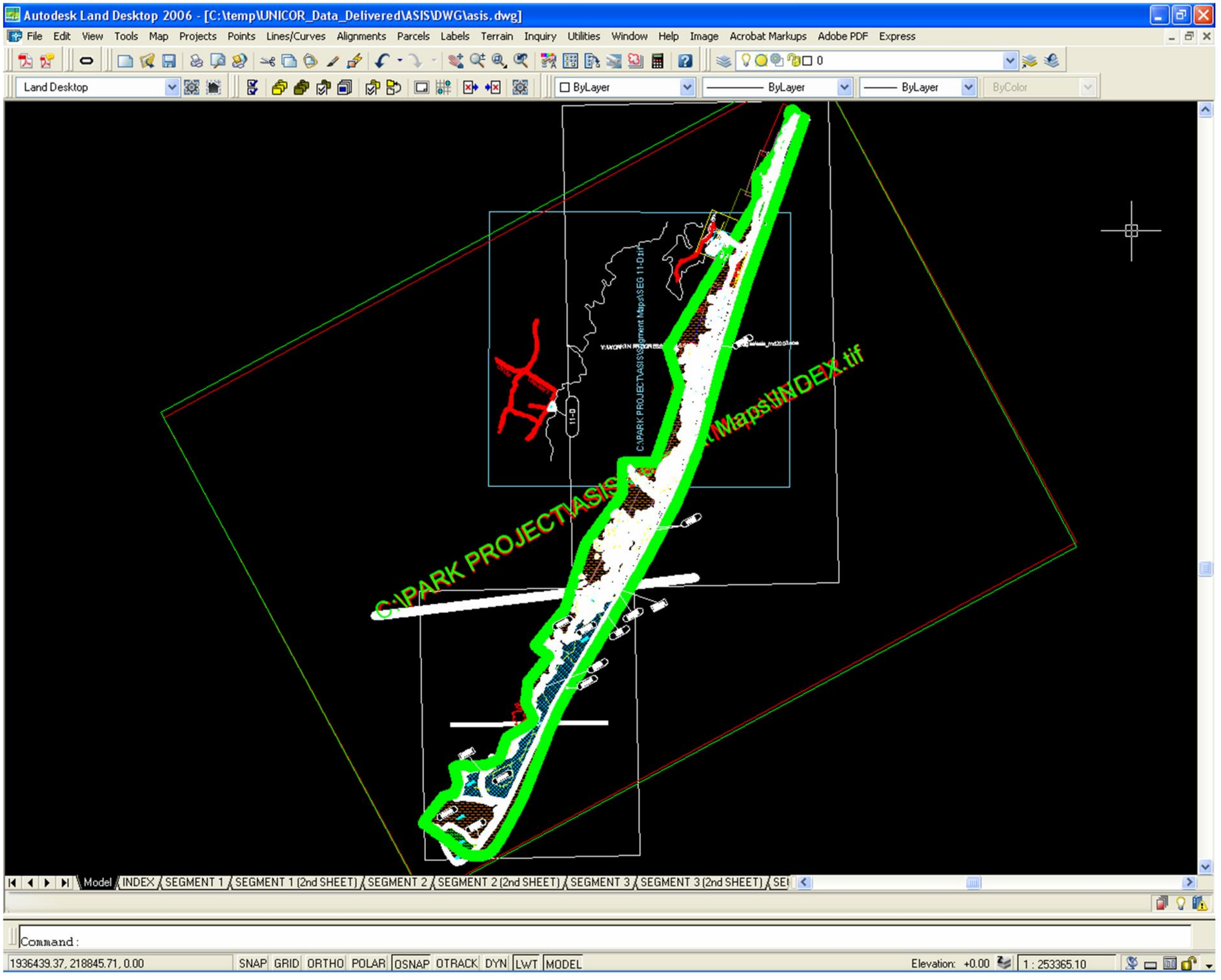
DATASET CITATION TITLE	TIME PERIOD		SUBJECT/CATEGORY	METADATA PURPOSE
1972 Assateague Island National Seashore NPS Boundary	1972		BOUNDARY	CSDGM, NPS, ONLINEDATA
1996 Black and White Imagery of Assateague Island National Seashore Virginia District	1996		DIGITAL ORTHOPHOTO	CSDGM, NPS
1998 Assateague Island National Seashore NPS Boundary	1998		BOUNDARY	CSDGM, NPS, ONLINEDATA
1999 Color infrared imagery (CIR) of Assateague Island National Seashore from the northern extent of the island to the Over Sand Vehicle (OSV) zone	19990317		DIGITAL ORTHOPHOTO	CSDGM, NPS, ONLINEDATA
2001 True-Color Imagery of the Assateague Island National Seashore Virginia Developed Zone	20010605		DIGITAL ORTHOPHOTO	CSDGM, NPS , ONLINEDATA
2003 True Color, High Resolution Aerial Photography of Ocean City, Maryland and Assateague Island National Seashore	20031000		DIGITAL ORTHOPHOTO	CSDGM, NPS
2004-2006 Ocean City Inlet Tidal Delta Bathymetry Grids	2004	2006	ELEVATION / BATHYMETRY	CSDGM, NPS
Amaranth cluster planting sites for 2000-2002 at Assateague Island National Seashore	2000	2002	BIOLOGY, VEGETATION, WILDLIFE	CSDGM, NPS

Internet 100%



National Park Service - Land Resources Division (LRD)

Segment Maps - Model Space



National Park Service - Land Resources Division (LRD)

Segment Maps - Layouts

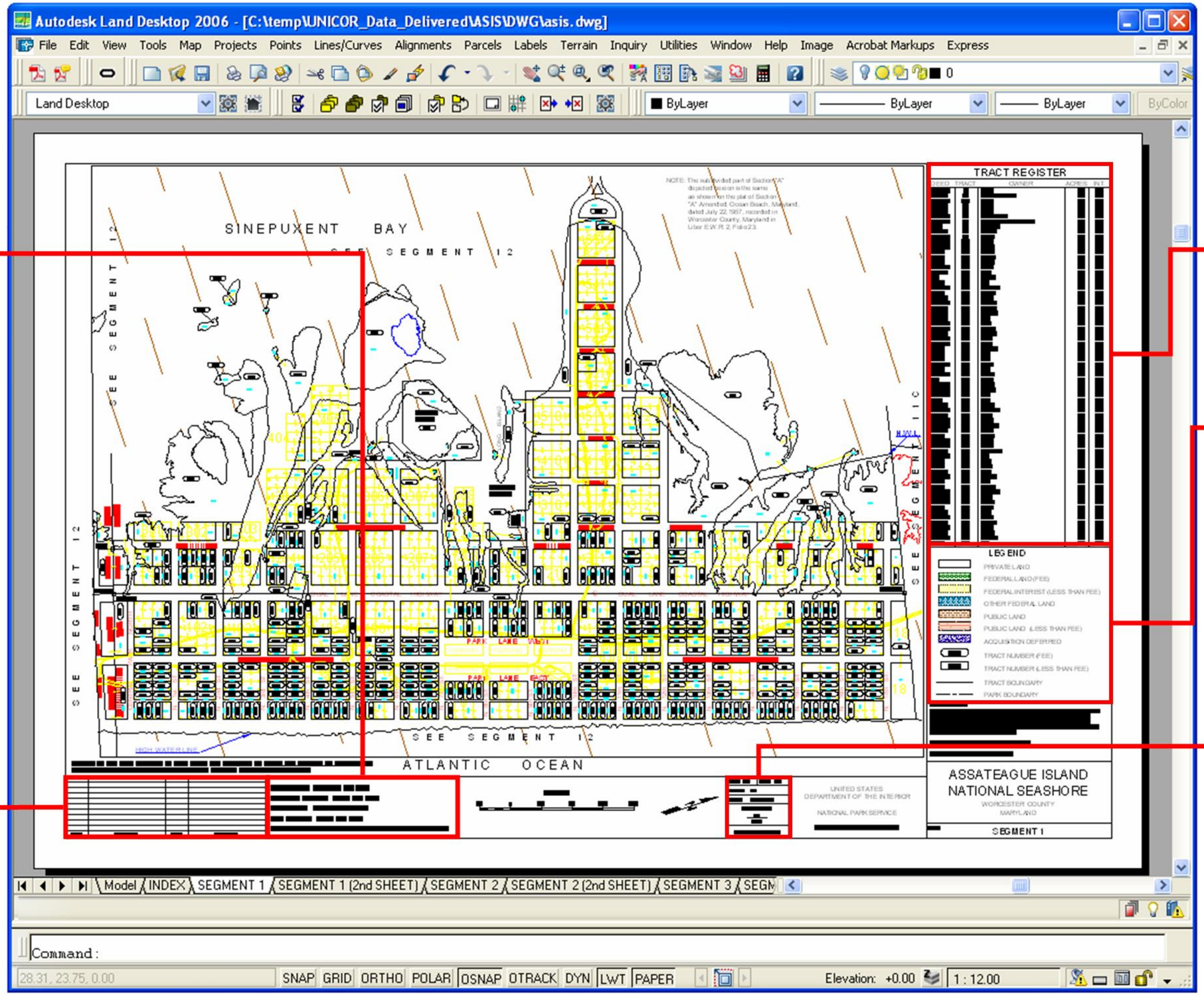
Established Date

Boundary Change

Date Drawn

Date Revised

Compilation Office



Tract Register (feature list)

Legend

Technical Information Center (TIC) Drawing Number

Change Order Revisions Log

National Park Service - Land Resources Division (LRD)

TractsNet - http://landsnet.nps.gov/tractsnet

LandsNet
Land Acquisition Information Portal

National Park Service
U.S. Department of the Interior

Land Resources Division

About the NPS Land Resources Program

The National Park Service (NPS) is guided by the Act of August 25, 1916, to protect and preserve resources within units of the National Park System, while providing for public use and enjoyment of those resources. A number of NPS units contain nonfederal lands. Depending on the use of these lands, it is sometimes necessary for the NPS to seek to acquire them, or interests in them, or conduct land exchanges in order to protect resources and visitor use and enjoyment. The NPS also cooperates with states, local governments, nonprofit organizations and property owners to provide other forms of protection.

Guidelines

- Director's Order 19 - Records Management
- Director's Order 25 - Land Protection
- US Department of Justice Guidelines - Title Standards

General Resources

- TractsNet - Internet Mapping Service to visualize & query Land's data
- Document Archive - Browse Lands Archive for deeds, legislation, change orders, legal descriptions, segment maps, and metadata.
- Telephone Directory - Land Resources Office contact information.
- Payments in Lieu of Taxes (PILT) Information
- FY2007 Land Acquisition Budget

MIS-MDL Database Downloads

- **Acreage Listing Reports** - 12/2005 - 9/2005 - Archive
- **MDL Export File** - Access or DBF format (updated daily)
- **Encumbrance Export File** - Access or DBF format (updated daily)
- **MDL+Encumb Files** - DBF's in Alpha Code directories (updated daily)
- Park Alpha Code Listing

Questions or comments regarding this site should be directed to: PPFL_LandsNet@nps.gov

Date: 6/9/2006 --- Time: 3:12:48 PM --- Counter: 9089

Inside LandsNet

For use only by Land Resources staff.
PASSWORD REQUIRED

Quick Links

- Acreage Reports
- Document Archive
- Lands Telephone Directory
- TractsNet

Reference

- New Public Laws
- NPS Public Affairs Ref Desk
- NPS Park Unit List
- Red Book (2005-2007 Index)
- NPS Focus
- NPS Policies
- DOI Policies
- NPS Budget
- NPS Greenbook
- President's Budget
- Legislative & Congressional Affairs
- United States Code
- Code of Federal Regulations
- Federal Register

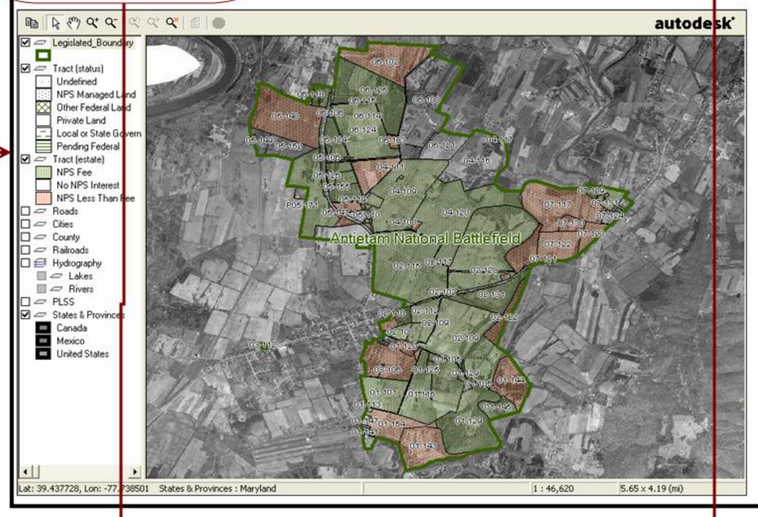
National Park Service
U.S. Department of the Interior

TractsNet - an Internet Mapping Service for Lands Data

Select a Park: All United States — Go Now — include background image if available (brown options)

Query Tracts Using MDL Data / Access Redline Utilities / LandsNet Link / User Manual / Proper Data Usage / Download NPS Boundary Data

Antietam National Battlefield (ANTI) | Click here to visit parks web site.



CHANGE ORDER FORM
Antietam NBP - NCR

PUBLIC LAW 100–528 [H.R. 4554]; October 25, 1988

LAND ACQUISITION, ANTIETAM NATIONAL BATTLEFIELD, MARYLAND

An Act to remove certain restrictions on land acquisitions for Antietam National Battlefield.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

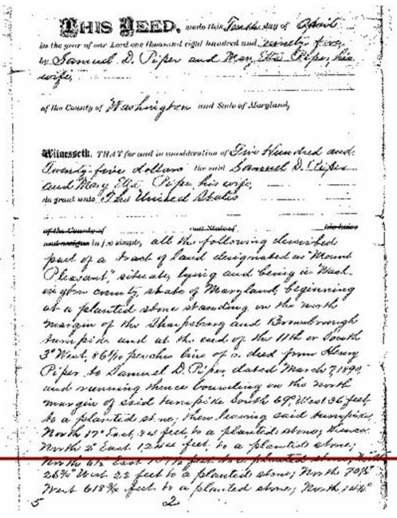
SECTION 1. REMOVAL OF CERTAIN RESTRICTIONS ON LAND ACQUISITIONS FOR ANTIETAM NATIONAL BATTLEFIELD.

(a) ACREAGE LIMITATION.—The first section of the Act entitled "An Act to provide for the protection and preservation of the Antietam Battlefield in the State of Maryland", approved April 22, 1960 (16 U.S.C. 430oo) is amended by striking out "Not more than 600 acres of land, however, shall be acquired in fee by purchase or condemnation, but neither this limitation nor any other provision of law shall preclude such acquisition of the fee title to other lands and its immediate reconveyance to the former owner with such covenants, restrictions, or conditions as will accomplish the purposes of this section: *Provided*, That the cost to the Government of any such transaction shall not exceed the reasonable value of the covenants, restrictions, or conditions thereby imposed on the property.".

(b) SCENIC EASEMENT LIMITATION.—Section 319(a) of the National Parks and Recreation Act of 1978 (16 U.S.C. 430oo note) is amended by striking out "only scenic easements over".

(c) SITE REDESIGNATION.—Section 319(b) of the National Parks and Recreation Act of 1978 (16 U.S.C. 430nn note) is amended by striking out ", including only scenic easements acquired pursuant to subsection (a) of this section,".

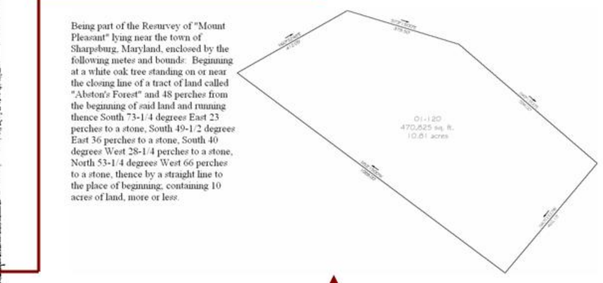
Approved October 25, 1988.



THIS DEED, made this [illegible] day of [illegible] in the year of our Lord one thousand eight hundred and seventy four, by Samuel D. Piper and Mary Ella Piper his wife, of the County of Washington and State of Maryland,

Witnesseth, THAT for and in consideration of Five Hundred and Twenty-five Dollars the said Samuel D. Piper and Mary Ella Piper his wife, do grant unto The United States

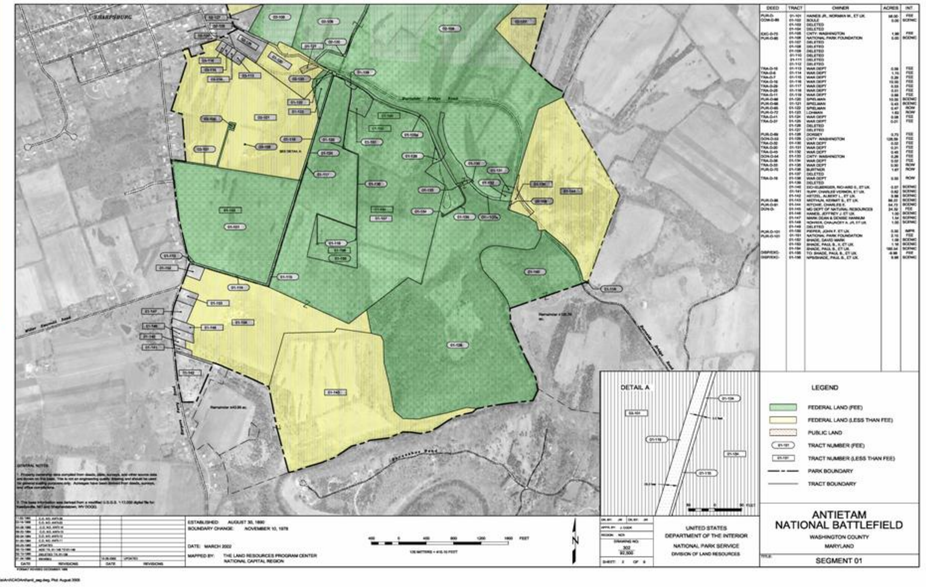
all the following described part of a tract of land designated as "Mount Pleasant", situate, lying and being in Washington County, State of Maryland, beginning at a planted stone standing on the North margin of the Sharpsburg and Boonsborough turnpike road at the end of the 11th or South 3° West, 86½ perches line of a deed from Henry Piper to Samuel D. Piper, dated March 7, 1870 and running thence bounding on the North margin of said turnpike South 69° West 36 feet to a planted stone; thence leaving said turnpike North 17° East 22 feet to a planted stone; thence North 2° East 12 feet to a planted stone; thence North 69½° East 36 feet to a planted stone; thence South 26¾° West 22 feet to a planted stone; North 70¾° West 6 feet to a planted stone; North 18¾°



Being part of the Resurvey of "Mount Pleasant" lying near the town of Sharpsburg, Maryland, enclosed by the following metes and bounds: Beginning at a white oak tree standing on or near the closing line of a tract of land called "Abston's Forest" and 48 perches from the beginning of said land and running thence South 73-1/4 degreee East 23 perches to a stone, South 49-1/2 degree East 36 perches to a stone, South 40 degreee West 28-1/4 perches to a stone, North 53-1/4 degreee West 66 perches to a stone, thence by a straight line to the place of beginning, containing 10 acres of land, more or less.

Document Archives

- ANTI
  - Change Orders
  - Deeds
  - Legislation
  - Legal Descriptions
  - Segment Maps
  - Miscellaneous Maps
  - Metadata



Please note: TractsNet is a tool for online data visualization and discovery only. It may contain preliminary information. Final approved GIS boundary data is only available via download from NPS Data Store or by contacting a LRD cartographer.

National Park Service - Land Resources Division (LRD)

Data Distribution

- **231 Units Completed Digital Data Conversion**

  - Posted on TractsNet to increase communication during QA/QC

  - Over 105,000 documents in the LandsNet archive

    - Legislation, Deeds, Legal Descriptions, Change Orders

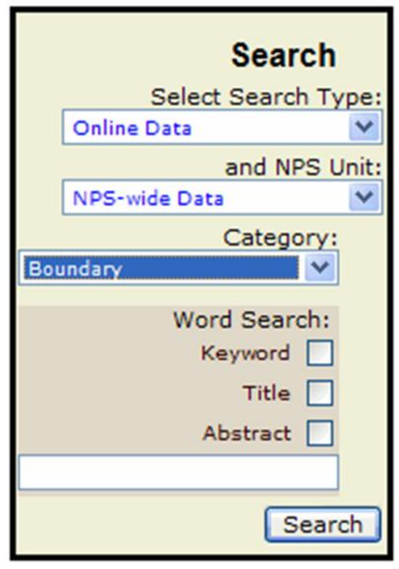
      Metadata, Segment Maps, Acreage Reports, etc…

- **191 Units with QA/QC Validation & Approved for Distribution**

  - "Current Administrative Boundaries"

  - NPS Data Store - http://science.nature.nps.gov/nrdata/

  - Geospatial-One-Stop (GOS) – http://geodata.gov



- **Metadata**

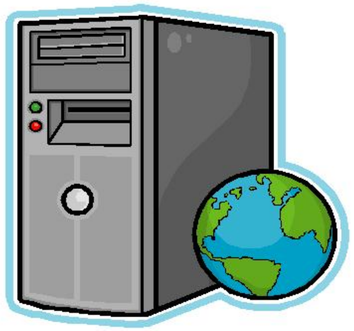
  - 2001 GIS Collection Effort & the Horizon Project still exist so LRD's updates are listed in a metadata record that covers the entire project (nationwide).

  - Detailed park level metadata records are loaded on the NPS Data Store with links provided following the "Lands" identifier in the GIS_Notes field.

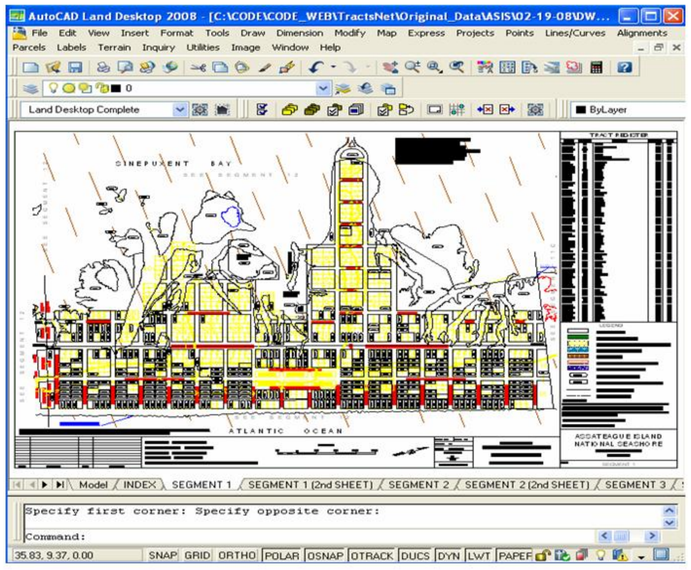
National Park Service - Land Resources Division (LRD)

Data Distribution

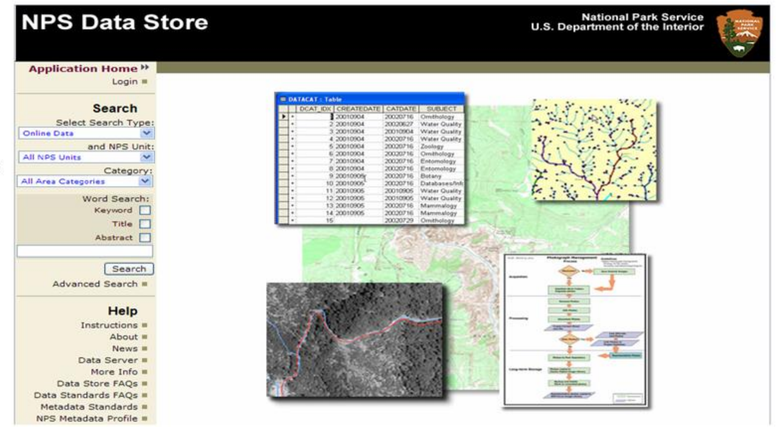
Ownership Databases

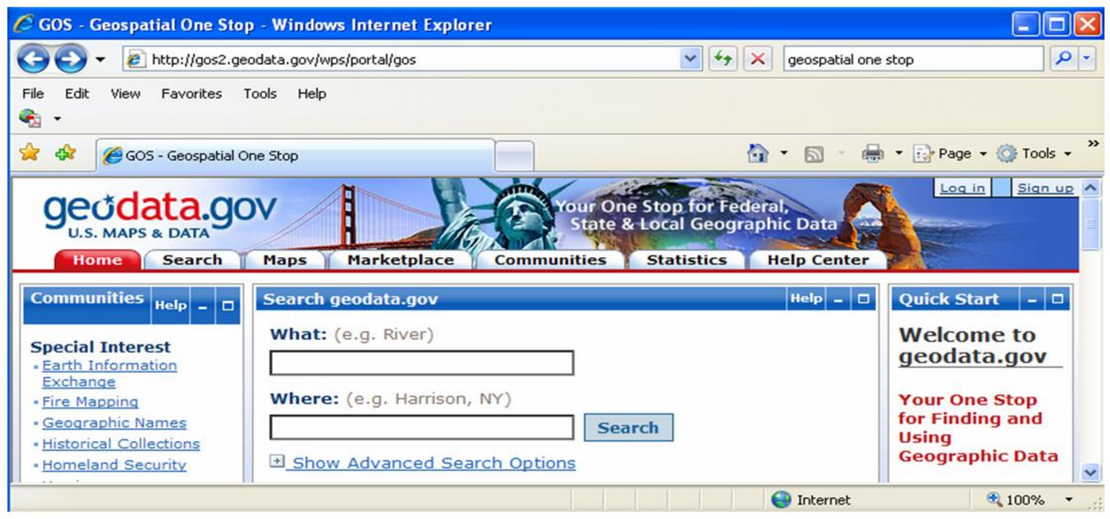


- Document Archives
  - ANTI
    - Change Orders
    - Deeds
    - Legislation
    - Legal Descriptions
    - Segment Maps
    - Miscellaneous Maps
    - Metadata



LandsNet
Land Acquisition Information Portal
Land Resources Division





Google™ Earth

The National Map

National Integrated Land System
NILS

National Park Service - Land Resources Division (LRD)

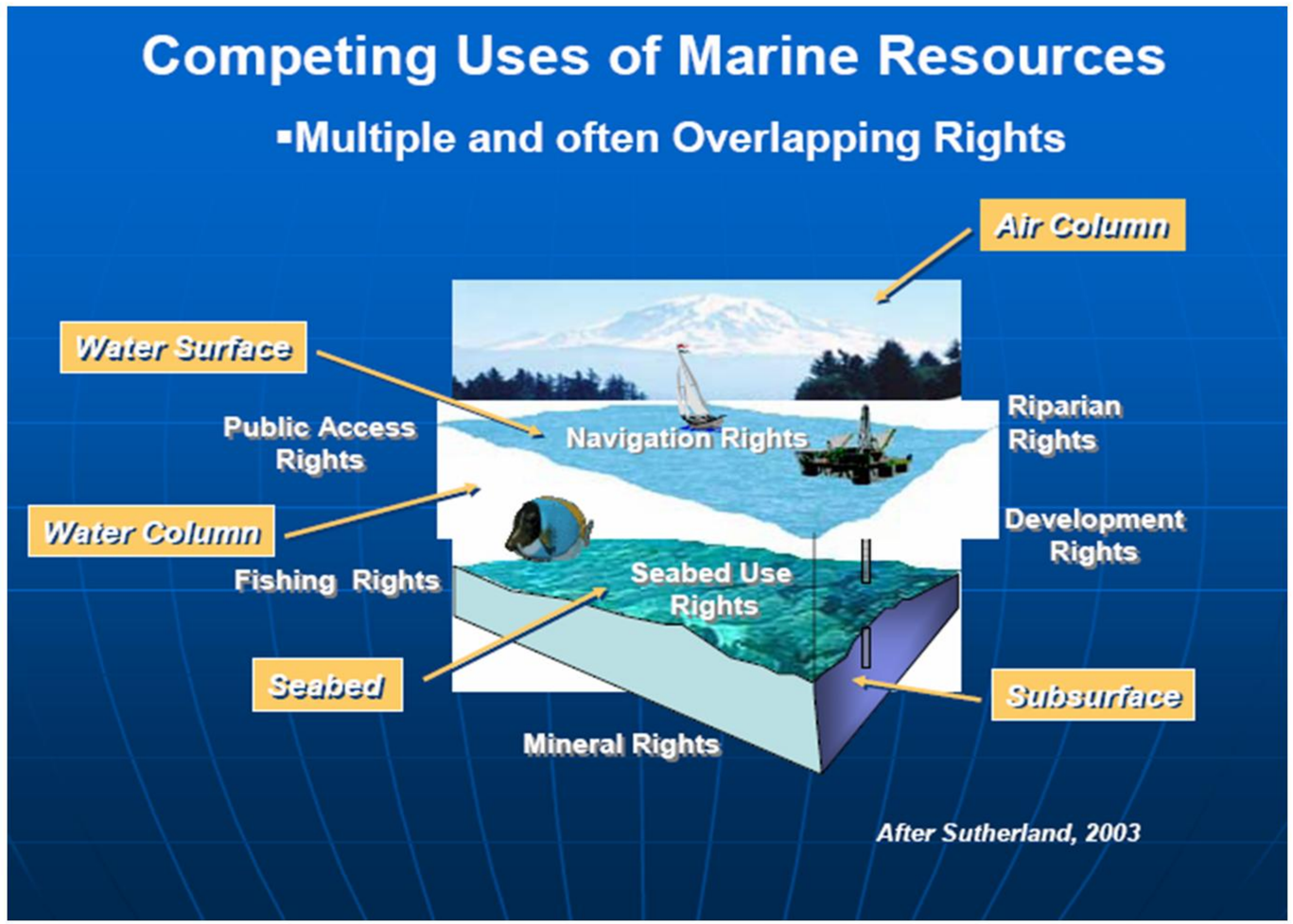
Final Thoughts

- ***A Geospatial Framework for the Coastal Zone: National Needs for Coastal Mapping and Charting*** – *National Research Council of the National Academies*
  - 11 recommendations calling for the establishment of a consistent geospatial framework for the coast
- The Joint Subcommittee on Ocean Science and Technology (JSOST) has established the Interagency Working Group on Ocean and Coastal Mapping (IWG-OCM) largely in response to the to findings of the U.S. Ocean Action Plan
- IWG-OCM has developed a high-level action plan identifying three next steps.
  - Model of Success – Develop a scalable project-oriented model that demonstrates the benefit of an integrated coastal and ocean mapping (IOCM) approach. Concurrent working groups focusing on development of a collaborative model and demonstration of a multi-agency integrated ocean and coastal mapping project are being established.
  - Tool Development – Identify and develop tools required to promote the efficient and effective use of ocean and coastal mapping to support informed decision-making. The first priority is to work to promote and develop the OCM national registry to include desired, proposed, planned, and completed data collection activities.
  - Community Building – Increase awareness, build advocacy, and support implementation of IOCM. An outreach working group is being established to implement the actions emerging from this initiative.

National Park Service - Land Resources Division (LRD)

Final Thoughts

- **Jurisdiction Questions**
  - LRD's available online resources will be valuable in determining who exactly has what rights in any given area.
- **Map Extents**
  - Impacts on Benthic Habits extend far beyond the Legislated boundary of a NPS unit. Who are our neighbors? How far our should our benthic habitat maps extend?
- **Marine Protected Area (MPA)**
  - Information & GIS spatial data is available at: http://mpa.gov



- **Multipurpose Marine Cadastre (MMC)**
  - FGDC's Marine Boundary Working Group (MBWG) is working to bring together marine cadastral data encompassing spatial extent, usage, rights, restrictions, and responsibilities to support planning, management, and conservation
  - Projects Web Site: http://webqa.csc.noaa.gov/mbwg/htm/multipurpose.html

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Final Thoughts

- ~~*LIDAR data collection near miss near Flower Gardens*~~
- ~~*"Map a bunch…confuse many."*~~
- ***"Map once…use many times."***
  - Dr. Larry Mayer (Director, Center for Coastal and Ocean Mapping)
- ***"Map once…fuse into many."***
  - Barb Reed (Director of Production Management, Naval Oceanographic Office)