

Historical Survey of Eastport

University of Maryland
College of Information Studies (*"Maryland's iSchool"*)
INST742: Implementing Digital Curation - Spring 2017

City of Annapolis PLANNING & ZONING

PETE Gutwald, Dir.



Historic Preservation Division:

LISA Craig, ROBERTA Laynor, SHERI Phippen
MICHAEL Dowling

Comprehensive Planning Division:

SALLY Nash

Management Info. Tech. / GIS:

SHAWN Wampler

Annapolis Historians:

JANE McWilliams, JEAN Russo

UMD PALS

URI Avin

KIM Fisher

JACK Narron

UMD College of Info. Sci.

Digital Curation Innovation Center
(DCIC)

RICHARD

Marciano

SCOTT Madry

KURTZ Michael

Eastport Residents

RICHARD Roeser

CHAGAL Marciano

DANIELA Marciano

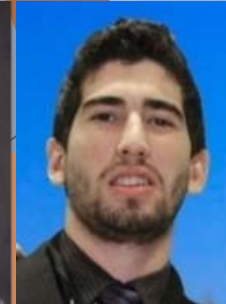


MYEONG Lee

DCIC Graduate Assistants



MARY Kendig

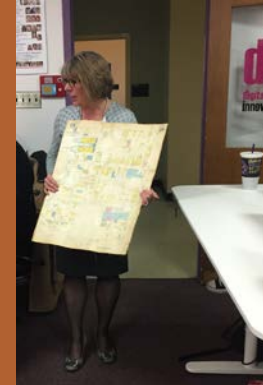


MARTIN Moreno

Undergrad. Assistant

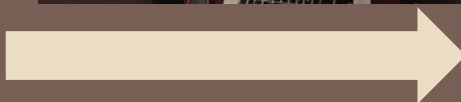
Feb. 6: Lisa Craig

Digital Curation Innovation
Center (DCIC) @ UMD



Feb. 13: Scott Madry

QGIS Training



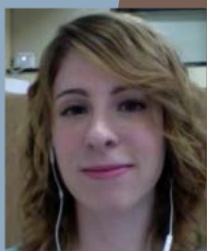
Feb. 27:

Sanl



Mar. 6 - May 8: DCIC Lab

Ten one-hour sessions



**Meaghan
Wilson**



**Taira
Sullivan**



**Anne
Dempsey**

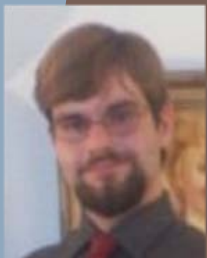


**Suzy
Wilson**



**Valerie
Linsinbigler**

#1: Field Work



**Scott
Harkless**



**Rachel
Dankert**



**Sarah
LeClaire**



**Nathan
Avant**



**Kelsey
Diemand**

#2: Chain of Ownership Research



**Ben
Bradley**



**Kendall
Aughenbaugh**



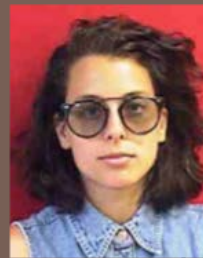
**Torra
Hausmann**



**Rosie
Seidel**



**Sydney
Vaile**



**Becca
Mena**



**Wes
DeThomas**

#3: Maps / GIS

On Creating a PALS Eastport Property Inventory (PEPI)

- ▶ Combining 2 GIS zoning layers:
 - ▶ Single-Family Residence Neighborhood Conservation (R2-NC) District
 - ▶ Office and Commercial Design (OCD) Overlay
- ▶ Extracting intersecting Parcels and Parcel Points:
 - ▶ Created a PEPI to determine which houses to target (800+ points / 600+ parcels)
- ▶ Digitizing and incorporating the 2002 “EHT Traceries, Inc.” study of Eastport:
 - ▶ Section G. Geographical Data (pages 48-157), resulting in 759 house descriptions

Address	Date	Property Type (Use)	Stories	Form/Style	Structural System	Roof	Outbuilding	Status
505 Burnside Street	1930-1959	Residential (Single Dwelling)	2-1/2	Colonial Revival	Asbestos Shingles	Front Gable		Contributing in use, style, and date

#1 Field Work

- ▶ Methodology
 - ▶ Obtained GIS layers from Shawn Wampler:
 - ▶ R2-NC zoning district + OCD district
 - ▶ Created a PALS Eastport Property Inventory to determine which houses to photograph (817 polygons -- 624 parcels)
 - ▶ Traveled to Eastport and photographed in teams of two
 - ▶ Assigned file names using the format Grid#-Address-View-Date
 - ▶ Uploaded images into Box in folders by street name
 - ▶ Compared present images to 2002 EHT Traceries survey descriptions
 - ▶ Recorded in PALS Inventory the differences in property descriptions and current images





...Fieldwork

- ▶ Findings
 - ▶ Significant change since 2002 “EHT Traceries, Inc.” survey
 - ▶ Combination of community change and surveyor knowledge of architectural features
 - ▶ Up-to-date letter of introduction for surveyors to present to homeowners would be helpful
 - ▶ Photographing is the quickest part
 - ▶ File naming, quality control, and comparing past survey records to new photographs is very time consuming
 - ▶ Training/additional resources in architectural feature identification would be helpful

#2 Chain of Ownership Research

Goal: Use subset of addresses to complete a proof of concept method for collecting complete chain of ownership information for a set of addresses in Eastport

- ▶ **Time:** Each address took around 1.5 hours to do in-depth research
- ▶ **Tools:** [Maryland Land Records](#) website; Google Form: [Annapolis Home Ownership Survey](#) (converted from Jane McWilliams' "Building History Manual" survey form), Google Sheets: [Group worksheet](#) for tracking progress; Annapolis Home Ownership Survey results
- ▶ **Results:** 50 properties surveyed in depth as a proof of concept.

Search Anne Arundel County Land Records

ALERT: DISCLAIMER: Please note that effective January 14, 2017, the information is available:

» Instruments

Jump to new volume

This Deed, made this 9th day of February, 2017, by and for the GRANTOR, and Eric Richardson and Jennifer Richardson, GRANTOR,

- Witnesseth -

...Chain of Ownership Research

Methods:

- ▶ Created **spreadsheet** with proof of concept addresses assigned to each group member
- ▶ Created **Google Form** to capture each change of ownership modeled on paper form
- ▶ Used **SDAT (State Dep. of Assessments & Taxation)** to begin address search using first *Liber* and *Folio* numbers available
- ▶ Followed chain of Liber and Folio numbers in **Maryland Land Records database** until the trail went cold
- ▶ Moved onto next address

...Chain of Ownership Research

Next Steps: Census Records

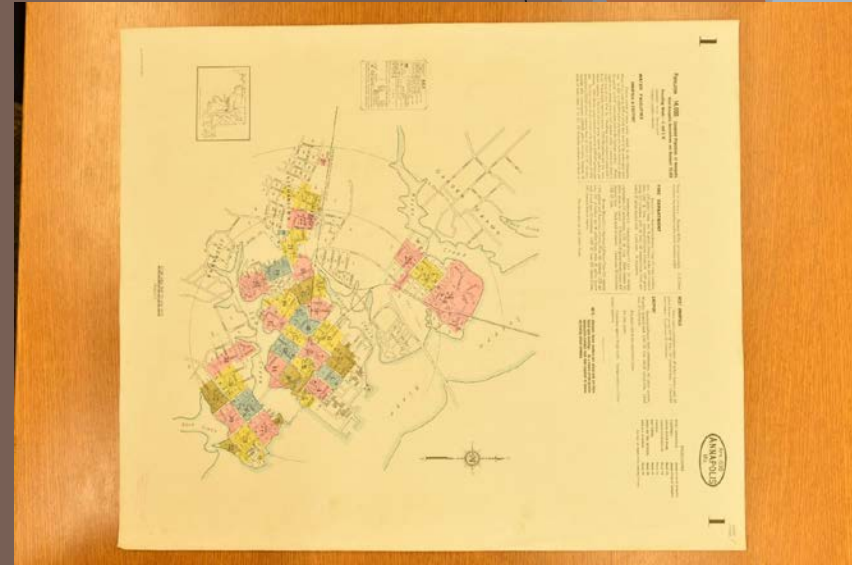
- ▶ Could provide more demographic information on historical homeowners.
- ▶ Would allow the collection of information on residents (renters, etc) who are not homeowners.
- ▶ Bring to light residents who might have been obscured by official records.
 - ▶ Women
 - ▶ Minorities
 - ▶ Extended Families

[illegible]

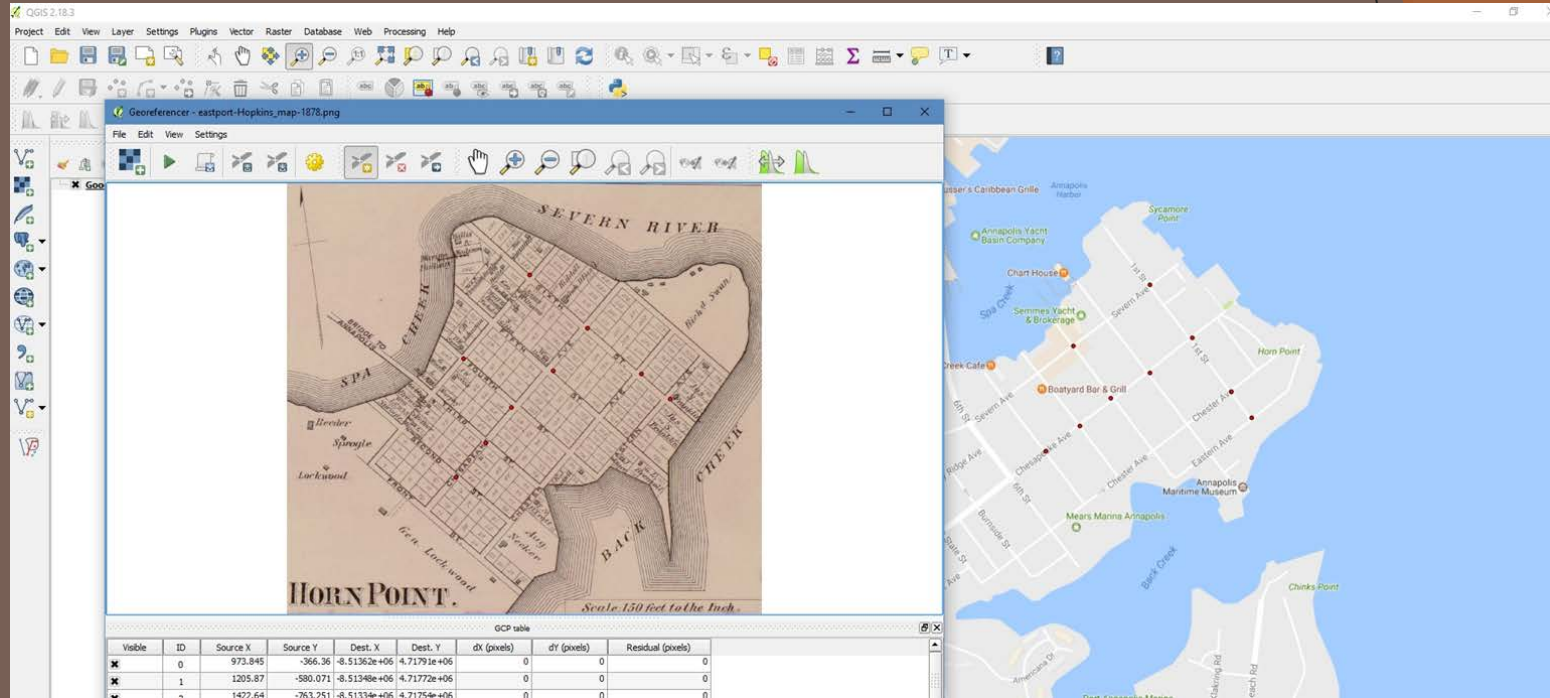
#3 Maps / GIS

Step 1: Digitizing Eastport Sanborn Maps at the Library of Congress

We purchased and tested new equipment:
Nikon DSLR Camera / lenses / tripod / boom
arm / Bananagrams & marbles...



GIS Step 2: Georeferencing of the Images



Placing ground control points (GCPs) on map a of Eastport from the 1878 Hopkins Atlas of Anne Arundel County.



After placing the control points, QGIS is able to overlay the historic map over the Google map.





Seven map pages from the 1930 Sanborn merged into a single map.

2002 SURVEY COMPARISON

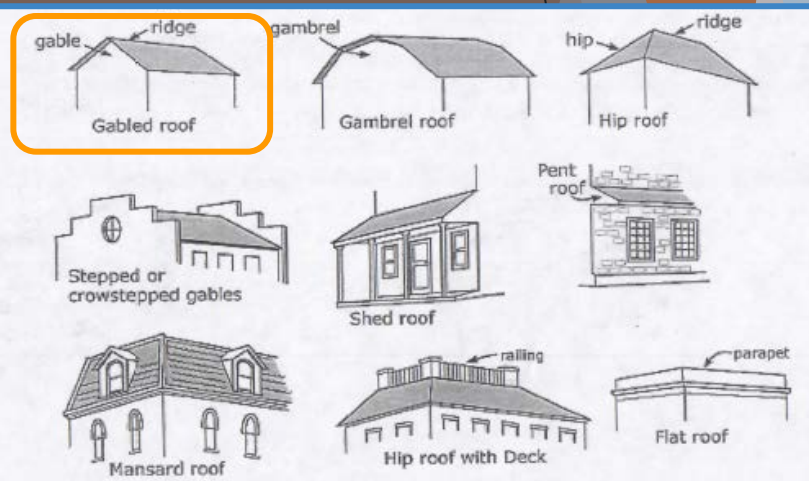
Address	Date	Property Type (Use)	Stories	Form/Style	Structural System	Roof	Outbuilding	Status
501 Burnside Street	1930- 1959	Residential (Single Dwelling)	1-1/2	Colonial Revival Bungalow	Weatherboard	Front Gable		Contributing in use, style, and date
503 Burnside Street	1930- 1959	Residential (Single Dwelling)	1-1/2	Colonial Revival Bungalow	Stucco	Front Gable		Contributing in use, style, and date
505 Burnside Street	1930- 1959	Residential (Single Dwelling)	2-1/2	Colonial Revival	Asbestos Shingles	Front Gable		Contributing in use, style, and date
507 Burnside Street	1905- 1908	Residential (Single Dwelling)	2-1/2	Colonial Revival	Aluminum	Side Gable		Contributing in use, style, and date
509 Burnside Street	1905- 1908	Residential (Single Dwelling)	2-1/2	Colonial Revival	Weatherboard	Front Gable		Contributing in use, style, and date
510-512 Burnside Street	1908- 1913	Residential (Twin Dwelling)	2-1/2	Vernacular Queen Anne	Weatherboard/ Aluminum	Front Gable		Contributing in use, style, and date

Asbestos

Fibers of the mineral chrysotile, an excellent heat insulator. – *Bucher*

Asbestos Shingle

A shingle composed of cement reinforced with asbestos fibers; manufactured in the early-late 20c in various sizes, shapes, and textures. – *Bucher*





Example Property:
505 Burnside

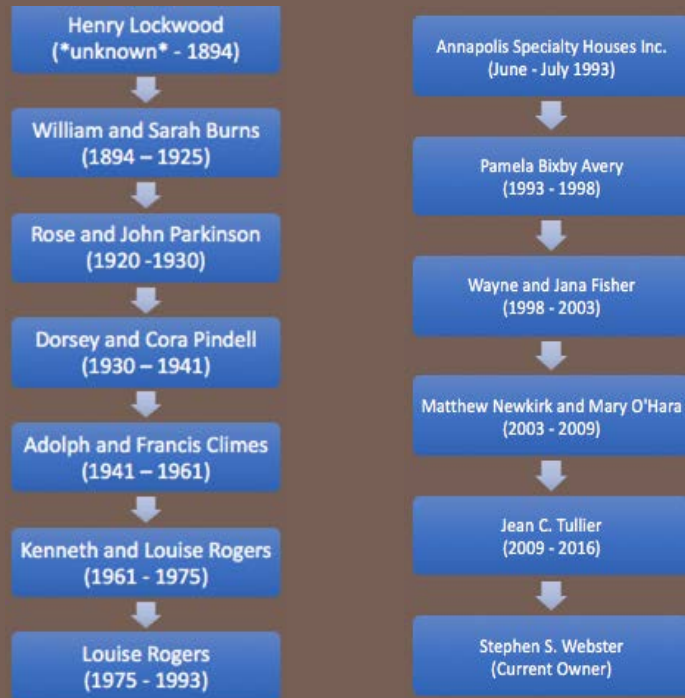


505 Burnside: Fieldwork



505 Burnside: Chain of Ownership

13 recorded transfers:



BOOK 1486 PAGE 504

This Deed, Made this 28th

in the year one thousand nine hundred and sixty-one

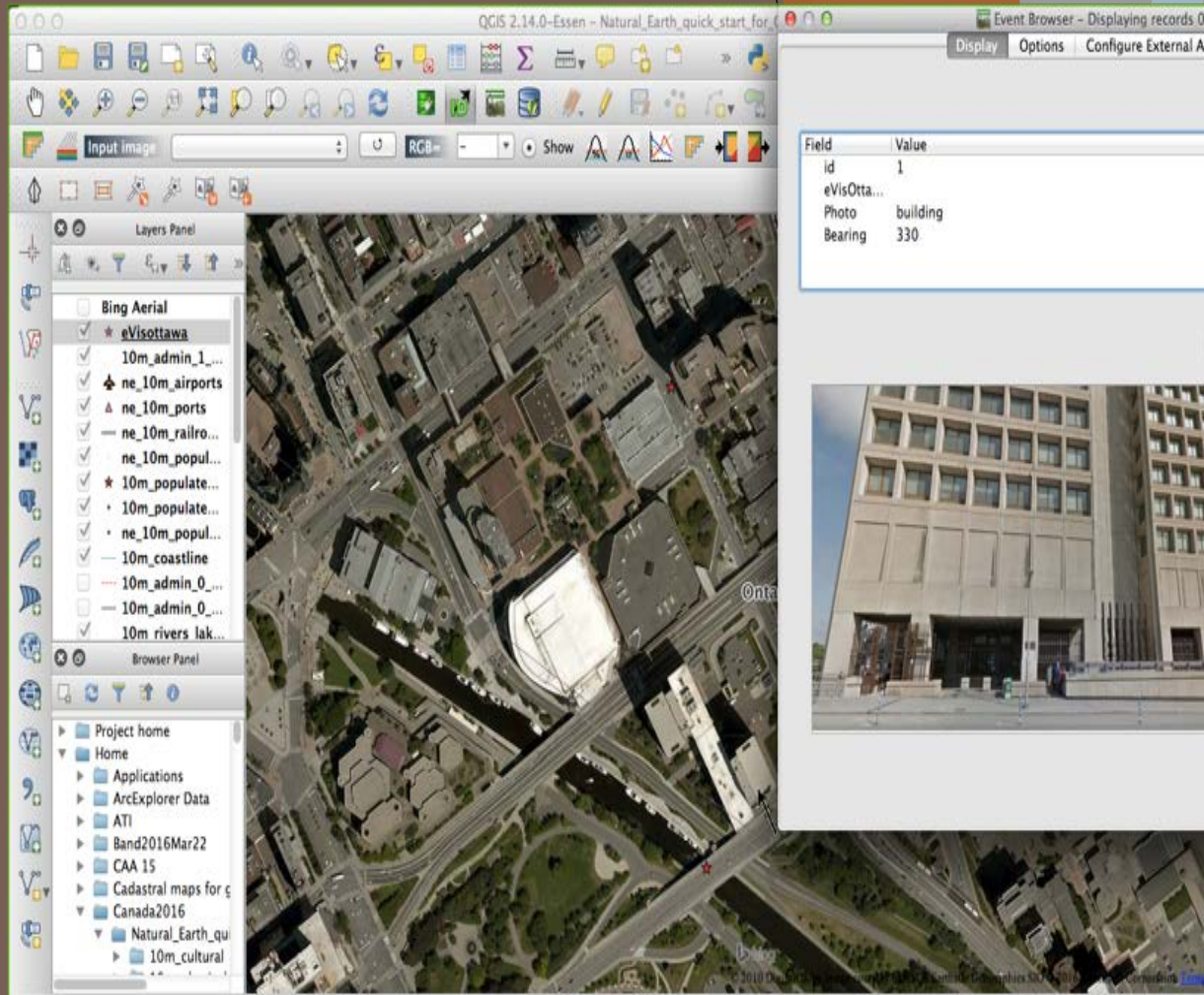
ADOLPH KLIMES and FRANCES L. KLIMES, his wife

THAT for and in consideration of the sum of TEN DOLLARS (\$10.00) and of other valuable considerations, paid her by the parties of the second part, the party of the first part is hereby acknowledged, she, the said ADOLPH KLIMES, has bargained and sold and by these presents does grant and convey unto the second part, their heirs and assigns, forever, in fee simple, ALL that lot or parcel of land situate, lying and being in the Second Election District of Anne Arundel County, Maryland, and BEGINNING for the same at an iron bar set on the east side of

and made this thirty fourth day of May one thousand and ninety four by Adolph and Frances L. Klimes, his wife, of the City of Washington, D.C., of the County of Columbia of the first part and William A. Bradburn of the State of Montana, of the second part, witnesses that in consideration of the sum of Ten thousand Dollars (\$8,000.) including the sum of the mortgage debt herein after mentioned to be paid to Adolph and Frances L. Klimes, his wife, and to be conveyed unto the said William A. Bradburn and assigns, in fee simple, all that farm

Next Steps: eVis

- ▶ Event Visualization Tool
- ▶ Can incorporate images and other data such as our chain of custody data in a database to add points to map the data
- ▶ eVis Browser then provides a means to view the data together on the map.



QGIS 2.14.0-Essen - Natural_Earth_quick_start_for...

Event Browser - Displaying records 0

Display Options Configure External A

Field	Value
id	1
eVisOttawa...	
Photo	building
Bearing	330

Layers Panel

- Bing Aerial
- ★ eVisottawa
- 10m_admin_1...
- ne_10m_airports
- ne_10m_ports
- ne_10m_railro...
- ne_10m_popul...
- ★ 10m_populate...
- 10m_populate...
- ne_10m_popul...
- 10m_coastline
- 10m_admin_0...
- 10m_admin_0...
- 10m_rivers lak...

Browser Panel

- Project home
- Home
- Applications
- ArcExplorer Data
- ATI
- Band2016Mar22
- CAA 15
- Cadastral maps for g
- Canada2016
- Natural_Earth_qui
- 10m_cultural

Final Products

- ▶ **Digitized & Searchable City Directories:**
 - ▶ 1910, 1924, 1928-29, 1939, 1956
 - ▶ with Eastport "datafied"
- ▶ **New GIS layers:**
 - ▶ Hopkins Atlas of AAC Eastport map: 1878
 - ▶ Integrated Sanborn GIS layers for Eastport:
 - ▶ 1903, 1908, 1913, 1921, 1930, 1959
- ▶ **Complete Photo Inventory of Eastport**
- ▶ **Complete Updated Architectural Survey**
- ▶ **Deep Chain of Ownership Documentation & Methodology for subset of properties**
- ▶ **Complete 1940 Digitized & Searchable Individual Household Census records for Eastport:**
 - ▶ 1930, 1920, 1910 & 1900 in progress

- ▶ **ArcGIS Online Demo & QGIS Desktop Demo**
- ▶ **Integrated Eastport Inventory of Properties Form**

- ▶ Location / Parcel map / Owner / Tenants / Profession / Race (pre-1940s) / Legal desc. / Architectural desc. / Chain of ownership / Photo

District - 06 Subdivision - 000 Account Number - 08853900											
505 BURNSIDE ST											
Map:	Grid:	Parcel:	Sub District:	Subdivision:	Section:	Block:	Lot:	Assessment Year:	Plat No:	Plat Ref:	
052D	0015	0400		000				2015			
Owner Information											
Owner Name:		RICHARDSON ERIC				Use:		RESIDENTIAL			
		RICHARDSON JENNIFER				Principal Residence:		NO			
Mailing Address:		505 BURNSIDE ST				Deed Reference:		/00643/ 00491			
		ANNAPOLIS MD 21403-3214									
Transfer Information											
Seller: WEBSTER STEPHEN S		Date: 02/14/2017		Price: \$550,000							
Type: ARMS LENGTH IMPROVED		Deed1: /30643/ 00491		Deed2:							
Seller: TULLIER JEAN C		Date: 06/24/2016		Price: \$525,000							
Type: ARMS LENGTH IMPROVED		Deed1: /29737/ 00366		Deed2:							
Seller: NEWKIRK MATTHEW R		Date: 12/23/2009		Price: \$435,000							
Type: ARMS LENGTH IMPROVED		Deed1: /21870/ 00332		Deed2:							

