



A Great IMS Site is not Enough

The LAFB Experience

GeoBase Team



Langley GeoBase IMS

- Assumptions
 - IMS up and running and well supported
 - Existing buy in from administration and users
- Purpose
 - Making the most of the IMS experience



Langley GeoBase IMS

- Overview
 - Provide base personnel with key geographic information
 - **C**ommon **I**nstallation **P**icture (CIP)
 - Sensitive/Not Sensitive
 - Building, Roads
 - **M**ission **D**ata **S**ets (MDS)
 - Sensitive
 - Surveillance Camera Locations, Munitions



Langley GeoBase IMS

- RoadBlocks
 - GIS Paradox
 - A GIS interface is NOT intuitive for non GIS users
 - Design Site and tools with this in mind
 - Learning Curve
 - Understanding basic concepts:
 - zoom, pan, query, scale
 - difference between GIS and graphics



Langley GeoBase IMS

- Traversing the RoadBlocks
 - GIS Paradox – making it easy
 - Design simpler, more intuitive site
 - Do not assume basic knowledge of GIS concepts
 - Understand that pride keeps many folks from asking for help
 - Do not talk to non GIS people in “Geek Talk”



Langley GeoBase IMS

- Traversing the RoadBlocks
 - Learning Curve – make it easy to learn
 - Extensive IMS [Help](#) Section
 - Working group tutorials
 - [Step-by-step instruction](#)
 - Random “tips of the day”
 - Provide feedback mechanisms
 - Provide expertise in a non threatening manner



Langley GeoBase IMS

- Lessons Learned?
 - Remove preconceptions of what GIS is
 - Provide instruction in a non threatening manner
 - Provide mechanisms for feedback
 - Monitor usage



Langley GeoBase IMS

- Questions?
- Contact
 - GeoBase@Langley.af.mil
- GeoBase Team:
 - Patti McSherry – Chief
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Langley GeoBase IMS

- End of presentation



GeoBase Working Group Demo

3/29/2004

Measuring and Copying to Another Application

Many presentations and briefings require embedding a map into an application (Word, Power Point etc.) to illustrate land measurements. This demo will provide step by step instructions needed to perform this task. It is recommended to have both this demo and the the IMS site open at the same time. Hint: Clicking on most of the steps listed below will expand and show an image to assist in understanding

TASK: Build a Power Point slide, showing the perimeter measurement of the small grass lawn due east of building 15 (the MPF Building).

Expand all | Collapse all

1. Zoom to Building 15 [show me](#)

- Select the zoom in tool (spyglass with plus sign) Image 1.A
- While holding down zoom in tool, draw a box around building 15 Image 1.B
- Locate the grass field (shown in image 1.C)

2. Select the Measure Tool [show me](#)

- Select the tool from the left toolbar (Image 2.A).

3. Start Clicking around the perimeter of the grass field [show me](#)

- Start clicking around the perimeter of the field (Image 3.A)
- The "total" category is the running total and "segment" category refers from the last vertex.

1. Zoom to Building 15 [show me](#)

- Select the zoom in tool (spyglass with plus sign) Image 1.A
- While holding down zoom in tool, draw a box around building 15 Image 1.B
- Locate the grass field (shown in image 1.C)

2. Select the Measure Tool [show me](#)



- Select the tool from the left toolbar (Image 2.A).



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Welcome to GeoBase, the Langley Air Force Base Geographical Information Systems mapping product. GeoBase is built on ESRI's ArcIMS Engine, a tool to deliver data and information to Langley AFB personnel using Internet technology. We have made many changes to the original design and continue to make improvements in order for you to perform your daily tasks in an efficient manner.

This help file is designed to provide you with the necessary information you need to use this product and provide answers to some frequently asked questions.

We'd like to emphasize that this is a product **FOR YOU!** We have put a lot of thought into the best way for you to use this new technology. But we need your input to keep making it better. Please give us comments on what you like and dislike, what's easy to see and what's confusing. Send to geobase@langley.af.mil



GeoBase is a product of the Geo Integration Office,
 Langley Air Force Base

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Data

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The legend displayed on the Print Pages only shows a portion of the available layers.

<input type="checkbox"/> Base Boundary	<input type="checkbox"/> Boat Ramps	Air Accident Zones
<input type="checkbox"/> Rivers & Streams	<input type="checkbox"/> Athletic Fields	APZ I
<input type="checkbox"/> Vehicle Parking	<input type="checkbox"/> Athletic Courts	APZ II
<input type="checkbox"/> Roads	<input type="checkbox"/> Tee Areas	CZ
<input type="checkbox"/> Buildings	<input type="checkbox"/> Paths	Fences
<input type="checkbox"/> Fuel Pier	<input type="checkbox"/> Fairways	Hazardous Material
<input type="checkbox"/> Towers	<input type="checkbox"/> Putting Greens	Hazardous Waste
<input type="checkbox"/> Sheds	<input type="checkbox"/> Bunkers	Fuel Tanks
<input type="checkbox"/> Airfield	<input type="checkbox"/> Golf Course Area	Trees
<input type="checkbox"/> Parks	<input type="checkbox"/> Firing Range	
<input type="checkbox"/> Swimming Pools	<input type="checkbox"/> Communication Antenna	
<input type="checkbox"/> Playgrounds	<input type="checkbox"/> Wetlands	
<input type="checkbox"/> Jet Monuments	<input type="checkbox"/> Noise Contours	

The following image shows all the layers included in the GeoBase System.

Rivers and Streams	Golf Course	Waste Water System	F/A - 22 Beddown
<input type="checkbox"/> Rivers and Streams	<input type="checkbox"/> Golf Course Area	<input type="checkbox"/> Valves	<input type="checkbox"/> Remaining Poles
<input type="checkbox"/> Vehicle Parking	<input type="checkbox"/> Water Hazard	<input type="checkbox"/> Pump (Ejector Station)	<input type="checkbox"/> Electric Poles
<input type="checkbox"/> Roads	<input type="checkbox"/> Bunkers	<input type="checkbox"/> Pump	<input type="checkbox"/> P22 Construction Line
<input type="checkbox"/> Base Boundary	<input type="checkbox"/> Putting Greens	<input type="checkbox"/> Junction Point	<input type="checkbox"/> Parking / Construction Layer
<input type="checkbox"/> Towers	<input type="checkbox"/> Fairways	<input type="checkbox"/> Oil / Water Separator	<input type="checkbox"/> Additional Flightline Road
<input type="checkbox"/> Sheds	<input type="checkbox"/> Tee Areas	<input type="checkbox"/> Meter	<input type="checkbox"/> WATER_LINE
<input type="checkbox"/> Buildings			<input type="checkbox"/> West Ramp