



WinGAP 2008 Fall Conference

Overview of WinGAP-SQL
New Features



WinGAP 2008 Fall Conference

Presented
by
Gregg Reese



What is "SQL"?

- **S**tructured
- **Q**uery
- **L**anguage



What is "SQL"?

- Proper pronunciation is:
 - es queue el
 - [sql]
- Most folks simply say:
 - 'si:kwəl
 - [sequel]





History of "SQL"?

- First non-commercial release in 1974
- First commercial release was in 1979 by Oracle
- Adopted as a standard in 1986
- Originally, was known as Sequel
 - Changed due to trademark infringement



What does "SQL" do?

- Manages a set of relational tables and associated data
- Set of tables and data is known as a database





Who are some SQL producers?

- Oracle
- Sybase
- IBM
- MySQL
- Microsoft



Which SQL producer will we use?


- Microsoft
 - SQL Server is the product
 - Two Version of SQL Server
 - Full-Blown SQL Server
 - SQL Server Express





Which SQL I will need?

- Most counties will use SQL Server Express
 - Supports up to 20 concurrent users
- Counties with more than 20 concurrent users will need SQL Server
 - Many of these counties already have SQL Server licenses



What will the cost be to convert to "SQL"?

- In most counties, very little to no capital outlay
 - SQL Server Express is free
 - SQL Server (Full-Blown Version)
 - Enterprise – \$25,000
 - Standard - \$6,000
 - Workgroup - \$3,900
 - Cost varies based on CPU's





Why Microsoft & SQL Server?

- Cost
 - Considerably less compared to Oracle
 - \$80,000 vs \$25,000 for Enterprise
 - \$15,000 vs \$6,000 for Standard



Why Microsoft & SQL Server?

- Features
 - SQL Server comes with Online Analytical Processing (OLAP) and data mining
 - Ease of installation
 - Exceeds database limitations of other SQL products
- Availability





Why "SQL"?


- Most data intensive applications use SQL
- Will make WinGAP data more interactive with other systems in county
 - GIS
 - EMS
 - Tax Commissioners
- If WinGAP does not offer the SQL option, it will be left behind



Will I be forced to switch to WinGAP-SQL?


- No, not in the near future by GAP Group or DOR
- County situations may dictate a move to SQL
- WinGAP-SQL can run with current Fox tables or SQL database





If we move to WinGAP-SQL, how much difference will there be?

- On the surface, very little
 - Access to owners, parcels and personal/mh accounts will be the same
 - Data entry screens will be the same
 - Calculations will not change
 - Export/import process will be run from same menu options
 - Creating new reports will not change



If we move to WinGAP-SQL, how much difference will there be?

- Working with raw data will change
 - FoxPro commands will not work
 - SQL syntax will need to be learned
- Existing reports will need to be re-worked
 - New connections to table/data will need to be made
 - This could change as development continues



When will WinGAP-SQL be ready?

- Beta versions are now in place
 - Clarke Co
 - Hall Co
 - Houston Co
 - Richmond Co
- Installations should begin in mid-2009
- Some digests for 2010 should be generated with SQL



WinGAP - SQL

- Is this how you are feeling right about now??...





How do I convert to WinGAP-SQL?

- Let one of the WinGAP Tech Support team members know
 - Wayne Blackwelder
 - Kenny Colson
 - Al Deen
 - Grant Hilton
 - Mark Loyd
 - Gregg Reese
 - Tracy Thomas



What is next in the WinGAP-SQL conversion?

- WG Tech team member will visit county or inquire about SQL installation
- Install of WinGAP-SQL will take place
 - Installation maybe done with OLS
 - SQL Server Express will be installed if needed
 - Data converted to SQL Tables



How do I learn to "run" WinGAP-SQL?

- As stated earlier, WinGAP-SQL will be like WinGAP
 - No training required for data entry and menu functions
 - Standard report building will be the same
 - FoxPro type operations will be different
- Basically, your work should not skip a beat



What does WinGAP-SQL look like?

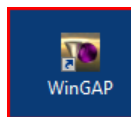
- Will be Version 4.0

WinGAP 4.0.15.550 - houston08



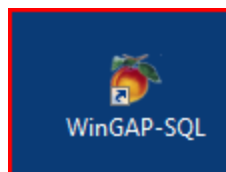
What does WinGAP-SQL look like?

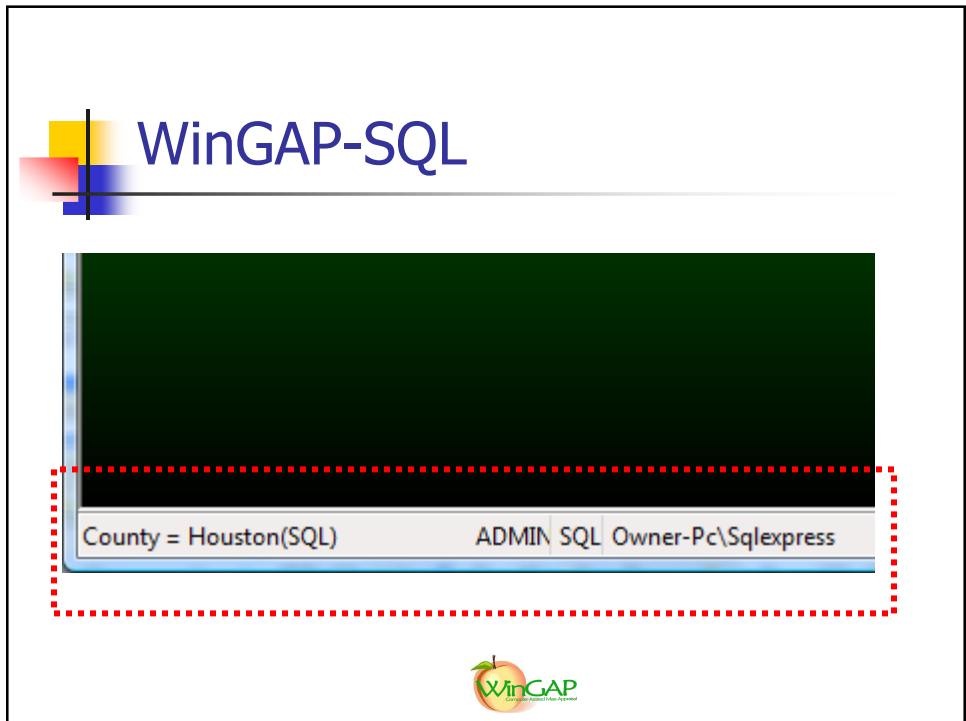
- Icon has changed
- Previously



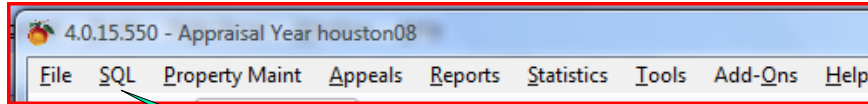
What does WinGAP-SQL look like?

- WinGAP-SQL icon





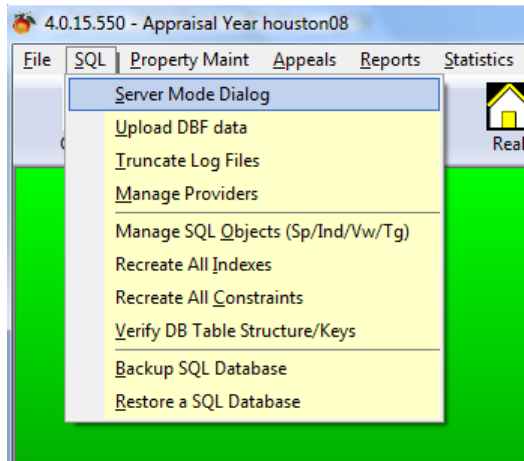
WinGAP-SQL



New menu option



WinGAP-SQL (SQL Menu)



WinGAP-SQL (Search Screens)

WinGAP - Real Property Search

Search Lucky

Search Order

- Name
- Parcel #
- Street
- Account #
- CO_ID #
- NAJCS
- DBA
- Decal Num
- Serial Num

Number of Hits to Display: 25

Parcel Number	Total Acres	Last Name	First Name	Middle
000040 001000	248.33	PEARSON ALFRED LAWTON JR		
000040 002000	275.00	ANDREW CHARLES H JR ETAL		
000040 003000	9.50	COMSOUTH TELESYS INC		
000040 003CEL	0.50	COMSOUTH TELESYS INC		
000040 004000	446.50	WALKER'S SOHO FARM LLC		
000040 005000	1.40	ARNOLD WILLIAM N		
000040 006000	1.72	KENNEDY BETTY R		
000040 008000	2.28	LANGSTON DAVID W		
000040 009000	120.76	ARNOLD WILLIAM N		
000040 01A000	38.51	PEARSON ALFRED LAWTON JR		
000040 01B000	11.25	COLLINS BRASWELL E JR		
000040 05A000	27.00	LODEN MICHAEL S		
000050 001000	557.97	BLED SOE FRANKLIN		
000050 002000	298.07	BLED SOE R FRANKLIN		
000050 003000	0.45	MATHEWS CHAPEL CHURCH		
000050 004000	56.85	BLED SOE FRANK		

WinGAP

WinGAP-SQL (Search Screens can be stretched)

WinGAP - Real Property Search

Search Lucky

Search Order

- Name
- Parcel #
- Street
- Account #
- CO_ID #
- NAJCS
- DBA
- Decal Num
- Serial Num

Number of Hits to Display: 25

Parcel Number	Total Acres	Last Name	First Name	Middle	Legal Desc	House #	Extension	Sides	Street No
000040 001000	248.33	PEARSON ALFRED LAWTON JR			248.33 AC LL 127 S 128 9TH LL 9 14TH				MARSHA
000040 002000	275.00	ANDREW CHARLES H JR ETAL			275 AC LL 9 S 24 14TH LD		0		MARSHA
000040 003000	9.50	COMSOUTH TELESYS INC			9.50 AC LL 10 14TH TOWER		2630		MARSHA
000040 003CEL	0.50	COMSOUTH TELESYS INC			COMSOUTH TELESYS CELL TOWER SITE		2630		MARSHA
000040 004000	446.50	WALKER'S SOHO FARM LLC			446.50 AC LL 10 23 S 97 14TH LD		2695		MARSHA
000040 005000	1.40	ARNOLD WILLIAM N			1.40 AC LL 12 14TH LD		2561		MARSHA
000040 006000	1.72	KENNEDY BETTY R			1.72 AC LL 23 14 LD		2711		MARSHA
000040 008000	2.28	LANGSTON DAVID W			PAR 8 2.28 AC LL 23 14 LD		2713		MARSHA
000040 009000	120.76	ARNOLD WILLIAM N			120.763 AC LL 21 LD 14		0		MARSHA
000040 01A000	38.51	PEARSON ALFRED LAWTON JR			38.508 AC PARCELS D E G H LL 127 128 LD 9		0		MARSHA
000040 01B000	11.25	COLLINS BRASWELL E JR			11.246 ACRES LL 24 14TH LD		0		MARSHA
000040 05A000	27.00	LODEN MICHAEL S			27.00 ACRES LL 21 14TH LD		0		CLOPINE
000050 001000	557.97	BLED SOE FRANKLIN			557.967 AC LL 42 43 54 S 15 14TH LD		0		MARSHA
000050 002000	298.07	BLED SOE R FRANKLIN			298.07 AC LL 21 43 53 S 54 14TH LD		0		MARSHA
000050 003000	0.45	MATHEWS CHAPEL CHURCH			LL 54 14TH LD 1103 180		596		HWY 224
000050 004000	56.85	BLED SOE FRANK			LOT 1 56.85 AC LL 54 14TH		0		HWY 224
000050 005000	3.00	PATRICK ALBERT LEVI			3.0 AC LL 53 14TH LD		224		TODMER
000050 006000	5.53	MARSHALL WILLIE L			5.534 AC LL 44 S 53 14TH		350		HWY 224
000050 007000	6.95	SCOTT GEORGE			LOT 2 6.95 AC LL 54 14TH		420		HWY 224
000050 008000	6.89	BLED SOE FRANKLIN			LOT 3 6.887 AC LL 54 14TH		0		HWY 224
000050 009000	2.00	MATHIS CHAPEL BAPTIST CHURCH			2.00 AC PAR B3A LL 54 14TH		506		HWY 224
000050 010000	1.00	ASKEW TARA ANN			LOT 13A RESUB LOT 13 1.00 ACRE		348		HWY 224
000050 011000	6.24	CANN WILLIE			LOT 14 S 243 AC LL 44 S 53 14TH		0		HWY 224
000050 012000	5.24	FREE DONALD E JR			LOT 15 S 243 AC LL 44 S 53 14TH		241		HWY 224
000050 013000	6.24	ROGERS MATTIE			LOT 16 6.243 AC LL 44 S 53 14TH		326		HWY 224

WinGAP



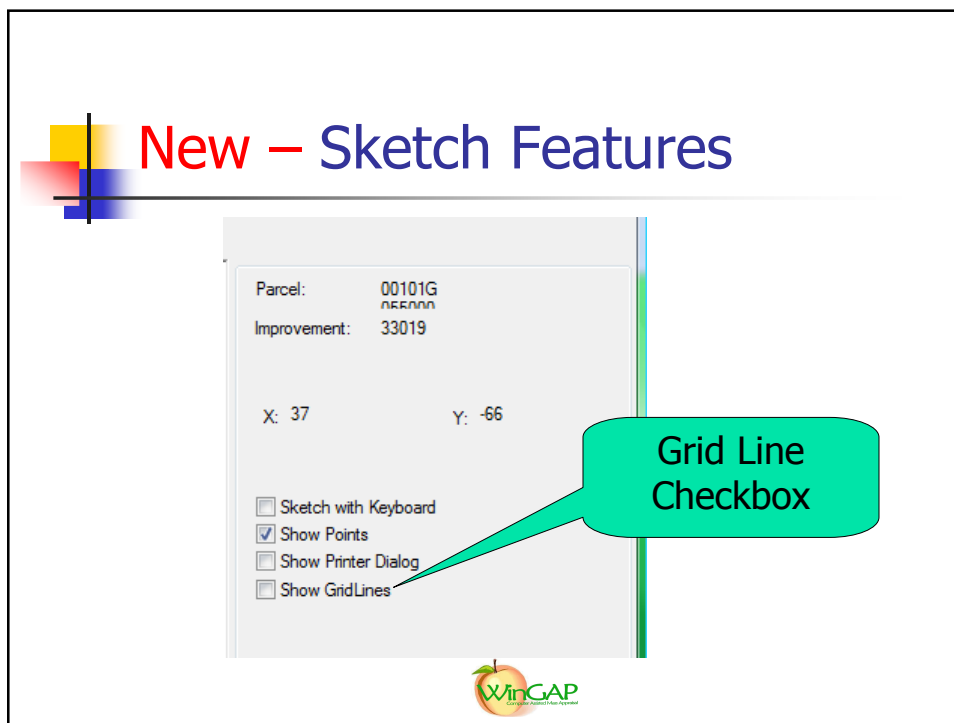
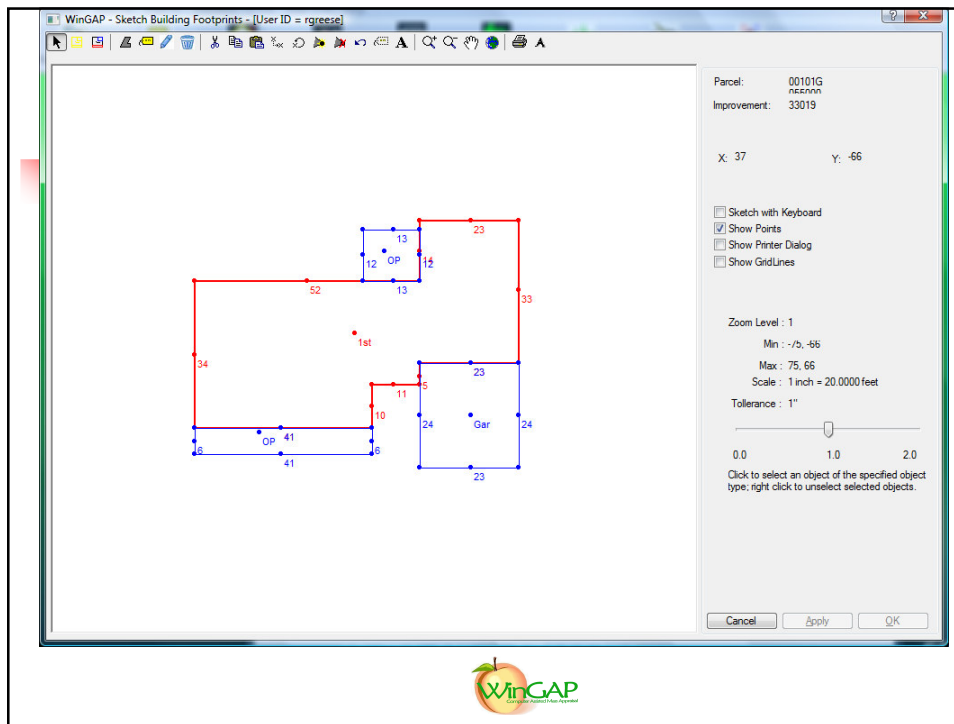
WinGAP-SQL – Any Questions?

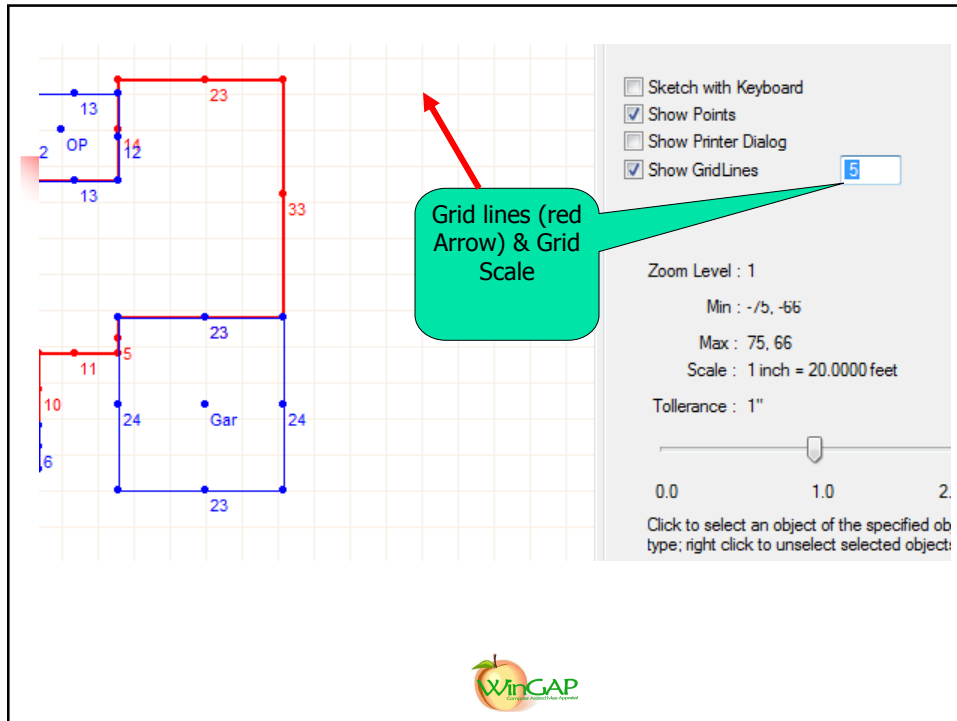


New – Version 4.0

- Sketch Screen Modifications
 - Toolbar “cleaned up”
 - Grid lines added
 - Screen size increased
 - 1024 x 768 will be screen resolution







Review – ABOS Update

- 2008 Fall Quarter ABOS pricing schedules ready for implementing
- Board of Assessors Approval before downloading
- Should not be done until 2008 year is in place

Review – ABOS Update

- Download & implementation through WinGAP
 - Tools >> File Maintenance >> Download ABOS...
- All users must be out of WinGAP
 - Due to reindexing of files



Review – ABOS Update

- Confirmation of Update can be made from Preferences screen

A screenshot of the WinGAP Preferences dialog box. The dialog has a light beige background and a blue border. It contains several fields and controls:

- "Return Deadline" with a date field set to "04/02/2007" and a small calendar icon to its right.
- "Default Startup Directory" with a dropdown menu showing "REVAL2".
- "Guest Startup Directory" with a text field containing "beta".
- A horizontal separator line.
- "ABOS Yr:" with a dropdown menu set to "2009".
- "NADA Yr:" with a dropdown menu set to "2006".
- A "Close" button at the bottom right.





Review – NADA Update

- 2008 Fall Quarter NADA pricing schedules ready for implementing
- Board of Assessors Approval before downloading
- Should not be done until 2008 year is in place



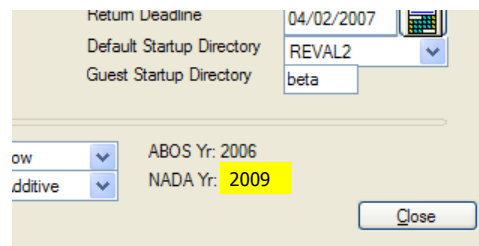
Review – NADA Update

- Download & implementation through WinGAP
 - Tools >> File Maintenance >> Download NADA...
- All users must be out of WinGAP
 - Due to reindexing of files



Review – NADA Update

- Confirmation of Update can be made from Preferences screen



The screenshot shows a preferences window with the following fields:

- Return Deadline: 04/02/2007
- Default Startup Directory: REVAL2
- Guest Startup Directory: beta
- ABOS Yr: 2006
- NADA Yr: 2009 (highlighted in yellow)

A "Close" button is located at the bottom right of the window.



Review - DNR

- DNR Module used to integrate new boat registrations into Reporting Process and Digest Creation
- Registrations generally from Sept through August are covered
- Email notification is sent when new DNR registrations are uploaded





Review - DNR

- File >> Import >> DNR Data File ...
 - Downloads county DNR data
 - Extracts dnr_new.dbf from zip file
 - Appends new registrations to dnr file
 - Flags new registrations with an "N" in Dnrstatus



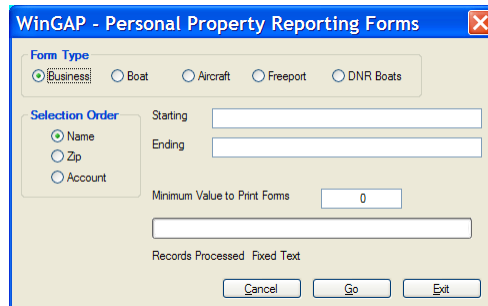
Review - DNR

- Property Maintenance >> Personal >> DNR Registration...
 - Access DNR Data
 - Provides a means of editing data and setting Status flag
 - DNR data can be integrated into live Personal Property data



Review – Personal Property Reporting Forms (PT50's)

- Printed from Reports >> Personal >> Reporting Forms



The screenshot shows a dialog box titled "WinGAP - Personal Property Reporting Forms". It contains the following fields and options:

- Form Type:** Radio buttons for Business (selected), Boat, Aircraft, Freeport, and DNR Boats.
- Selection Order:** Radio buttons for Name (selected), Zip, and Account.
- Starting:** A text input field.
- Ending:** A text input field.
- Minimum Value to Print Forms:** A text input field containing the value "0".
- Records Processed:** A text input field.
- Fixed Text:** A text input field.
- Buttons:** Cancel, Go, and Exit.



Review – Personal Property Reporting Forms (PT50's)

- Before printing, **Double Check**
 - Appraisal year should be 2009
 - Yearend Cleanup should be run prior to printing if Appr Year is not the upcoming Digest Yr
 - In Tools >> Preferences, check
 - County name
 - County address
 - County phone number



Review – Personal Property Reporting Forms (PT50's)

- Following Files must be in WinGAP folder
 - Airfrm.exe (1/19/06)
 - Boatfrm.exe (1/19/06)
 - Busifrm.exe (1/19/06)
 - Dnrfrm.exe (1/19/06)
 - Freefrm.exe (1/19/06)
- Current files are on ftp site:
<ftp://ftp.wingap.com> in reporting_forms folder



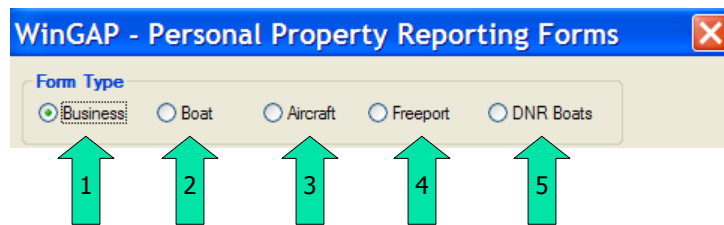
Review – Personal Property Reporting Forms (PT50's)

- Following Files must be in appraisal year folder (2009)
 - F_air.dbf
 - F_avion.dbf
 - F_boat.dbf
 - F_cost.dbf
 - F_def.dbf
 - F_depr.dbf
 - F_owner.dbf
 - F_pers.dbf
- Files are maintained with WinGAP Updates



Review – Personal Property Reporting Forms (PT50's)

- PT50's for the following 5 form types can be printed

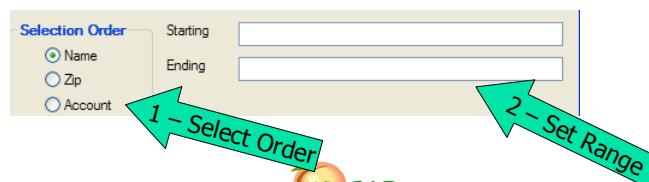


The screenshot shows a window titled "WinGAP - Personal Property Reporting Forms" with a close button (X) in the top right corner. Below the title bar is a section labeled "Form Type" containing five radio button options: "Business" (selected), "Boat", "Aircraft", "Freeport", and "DNR Boats". Below each radio button is a green arrow pointing upwards, numbered 1 through 5 respectively.



Review – Personal Property Reporting Forms (PT50's)

- PT50's can be printed in one of the following orders within a range
 - Name
 - Zip
 - Account



The screenshot shows a dialog box titled "Selection Order" with two radio button options: "Name" (selected) and "Account". To the right of the radio buttons are two input fields labeled "Starting" and "Ending". A green arrow labeled "1 - Select Order" points to the "Name" radio button, and another green arrow labeled "2 - Set Range" points to the "Ending" input field.



Review – Personal Property Reporting Forms (PT50's)

- A minimal value can be set for printing
 - **Owner account value** must be greater than or equal to min value before printing occurs

Minimum Value to Print Forms

Enter Value Here



Review – Personal Property Reporting Forms (PT50's)

- Business form printing criteria
 - Within bounds of starting/ending print range
 - Owner account value \geq min value
 - PT50 exclusion flag must be False (see New Stuff)
 - Acct # located in cost **OR** digest class = 'C'
OR digest class = 'I'





Review – Personal Property Reporting Forms (PT50's)

- Boat form printing criteria
 - Within bounds of starting/ending print range
 - Owner account value \geq min value
 - PT50 exclusion flag must be False (see New Stuff)
 - Acct # must have a boat and/or motor record



Review – Personal Property Reporting Forms (PT50's)

- Aircraft form printing criteria
 - Within bounds of starting/ending print range
 - Owner account value \geq min value
 - PT50 exclusion flag must be False (see New Stuff)
 - Acct # must have an aircraft record



Review – Personal Property Reporting Forms (PT50's)

- Freeport form printing criteria
 - Within bounds of starting/ending print range
 - Owner account value \geq min value
 - PT50 exclusion flag must be False (see New Stuff)
 - Freeport Flag is set to True **OR** Freeport Value is greater than zero



Review – Personal Property Reporting Forms (PT50's)

- DNR form printing criteria
 - Within bounds of starting/ending print range
 - DNR Status must be set to New

A screenshot of the WinGAP - DNR software interface. The window title is "WinGAP - DNR". It contains various input fields for property information, including "Ga Reg", "Name", "Address", "City, State Zip", "MFG", "Year", "Expire", "Prop", "Type", "Hull ID", "Length", "Hull", "Tax District", and "Inactive Rat". At the bottom, there is a "Status" section with radio buttons for "Active", "Inactive", and "New". A green arrow points to the "New" radio button, which is selected. Other options include "New Add", "Type", "Comments", and "ADDRESS IS OOCNEE CO". Buttons for "List", "Cancel", "Apply", and "OK" are at the bottom right.



Review – Personal Property Reporting Forms (PT50's)

- Printing of any one form type should be held to less than 5000 accounts within print range
- Printer must be connected through local printer port (LPT1)



Review – Personal Property Reporting Forms (PT50's)

- Printing options for PT50's
 - Print locally
 - Print to "prn" file and send "prn" files to vendor or forms printing
 - Send data files to vendor for printing of forms

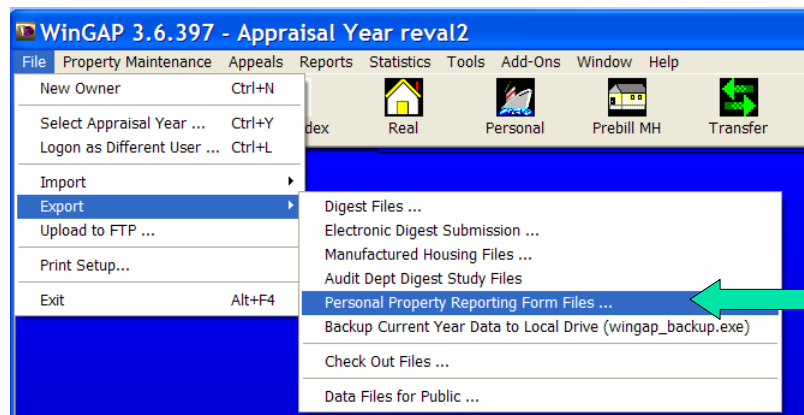


Review – Personal Property Reporting Forms (PT50's)

- Outsourcing printing of forms
 - Data Exported from WinGAP
 - Exported data is uploaded to FTP site



Review – Personal Property Reporting Forms (PT50's)





Open Forum

- Your time to provide additional ideas

