



AMATEUR MODES OF OPERATION APRS - Using Overlays in UI-View32



Updated 24 September 2004, 0200 UTC

What are Overlays?

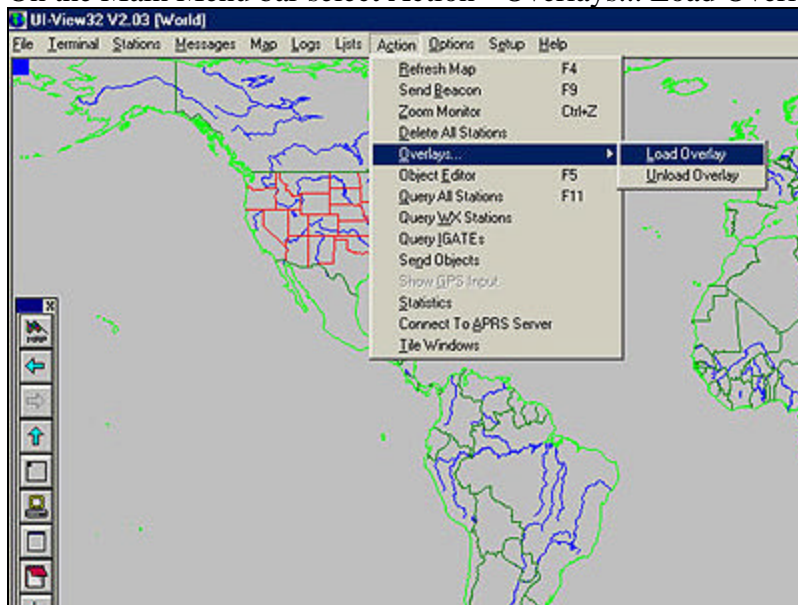
Overlay files allow you to show specific information about specific objects on your APRS map which are not transmitted over the air to other stations.

[Click here for using overlays in WinAPRS](#)

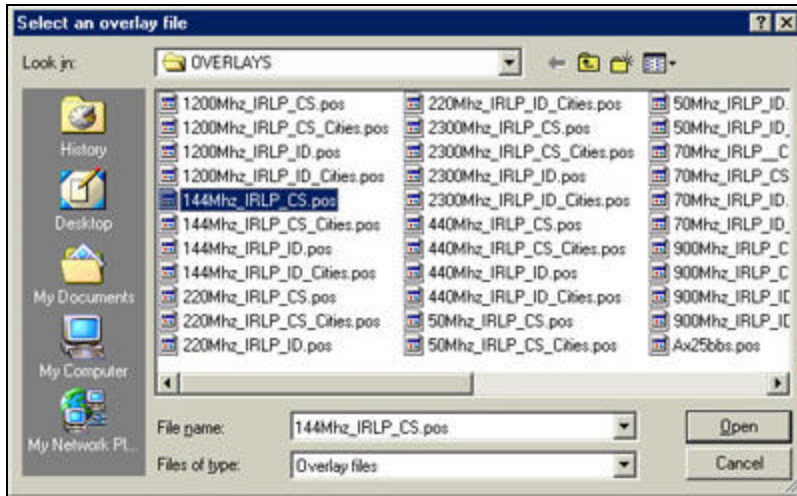
Using Overlays in UI-View32:

These examples are using IRLP Node overlay files.

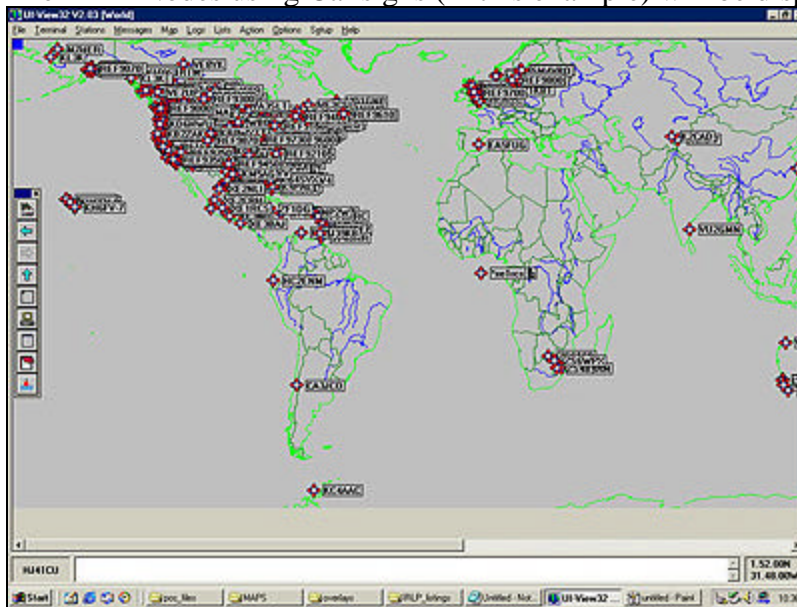
On the Main Menu bar select Action - Overlays... Load Overlay



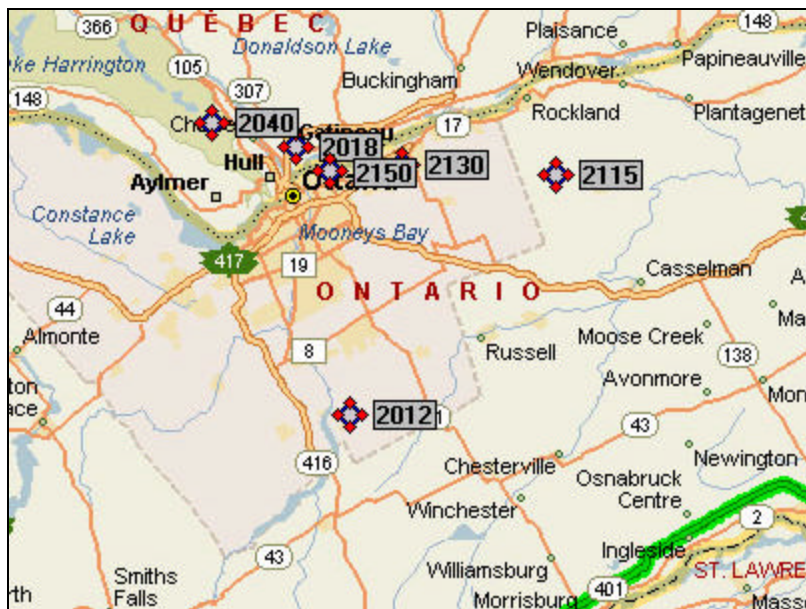
In the "Select an overlay file" window, click on the overlay filename and click on Open



The IRLP Nodes using Callsigns (in this example) will be displayed

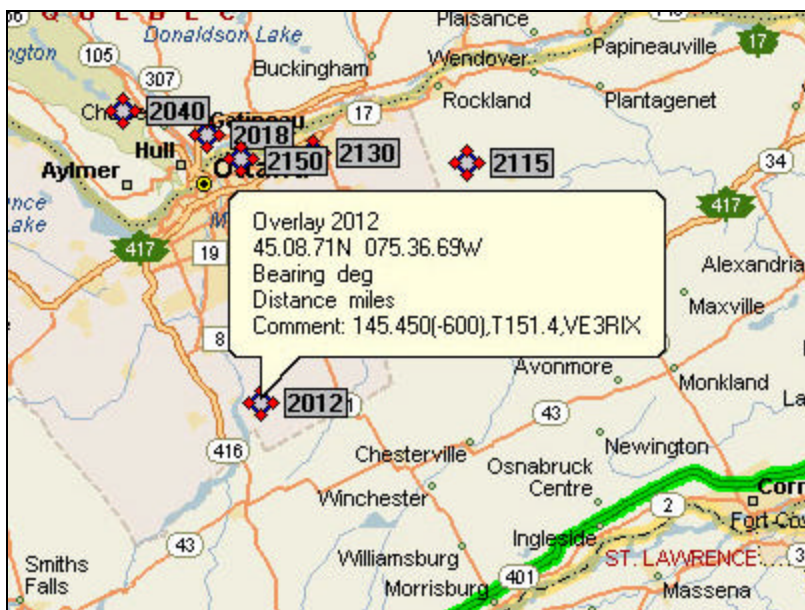
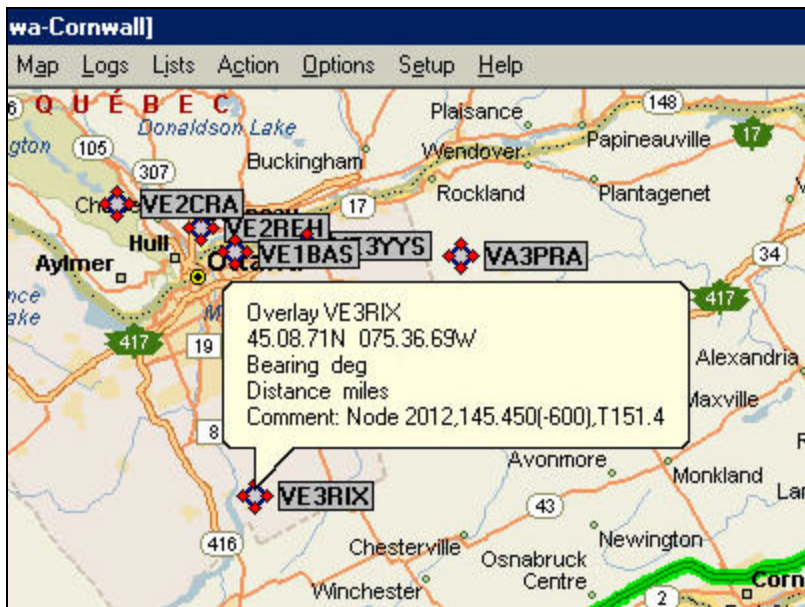


If we choose a different map, for example around the Ottawa Canada area, we will see less Nodes and can differentiate between them

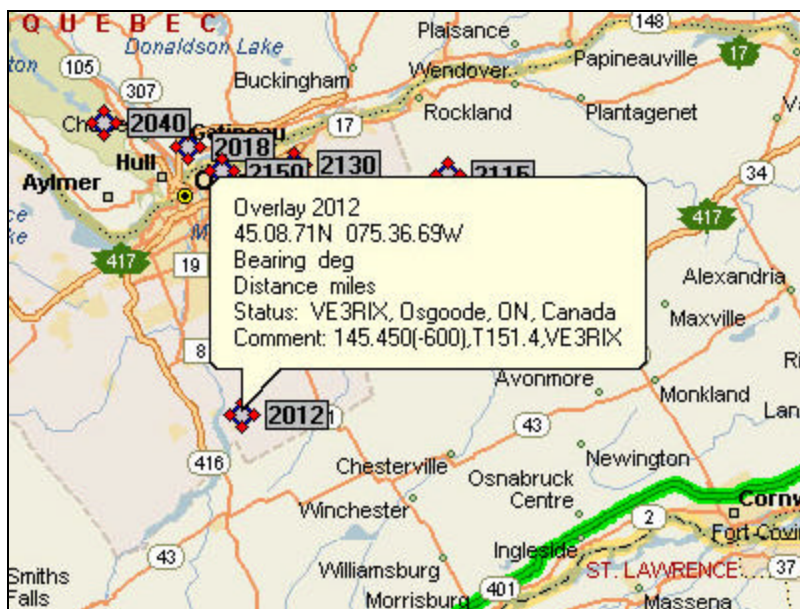
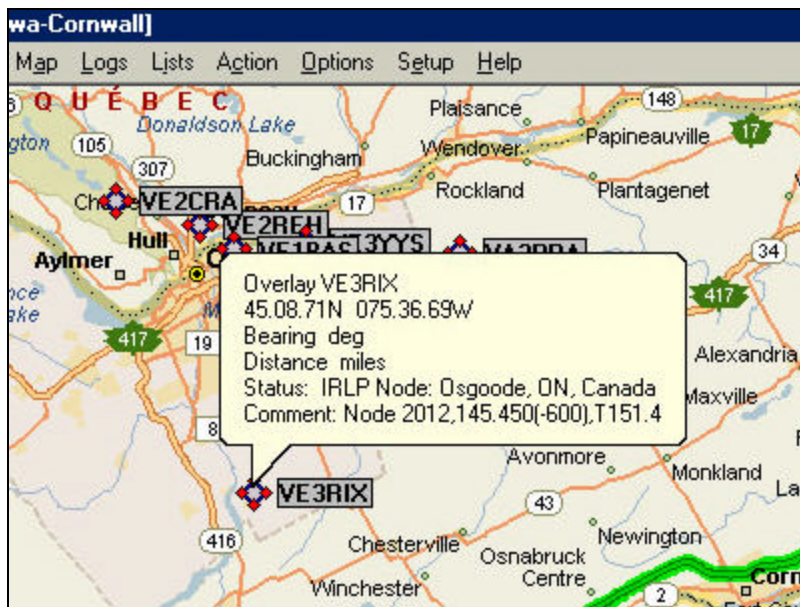


Placing your mouse cursor over the Node symbol to the left of a callsign or Node ID will bring up a bubble with the node information. When you move the mouse cursor away the bubble disappears:

One line format .pos file:



Two line (UI-View) format .pos file - for IRLP Node overlays includes City, Prov/State, and Country.



Details on a Node can also be brought up by right-clicking on Node symbol, and then select Details. The Callsign will be in brackets:

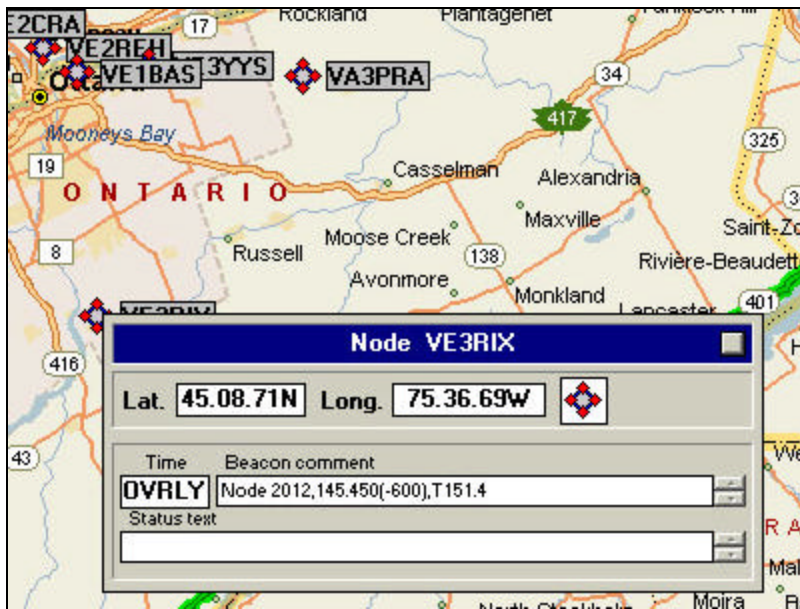


OR:

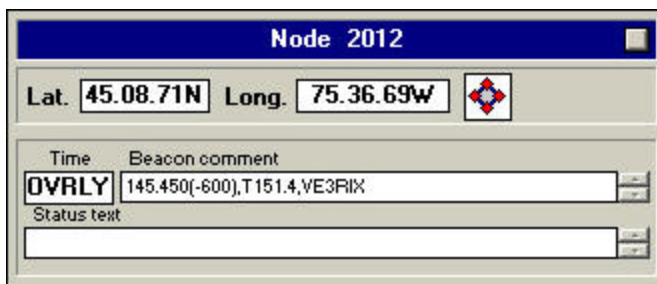
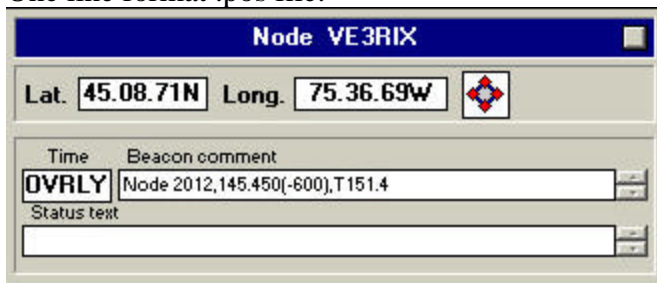
The Node ID will be in brackets.



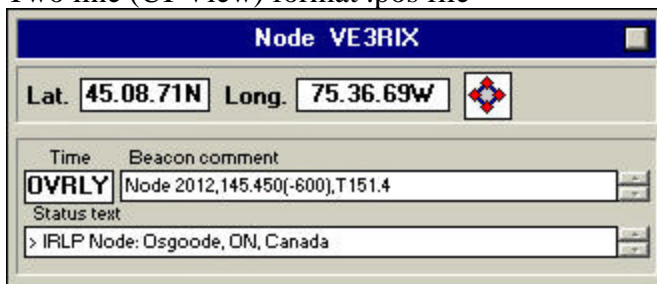
A window will pop up with the node info which can be moved around the screen and left displaying the info.



One line format .pos file:



Two line (UI-View) format .pos file



Node 2012

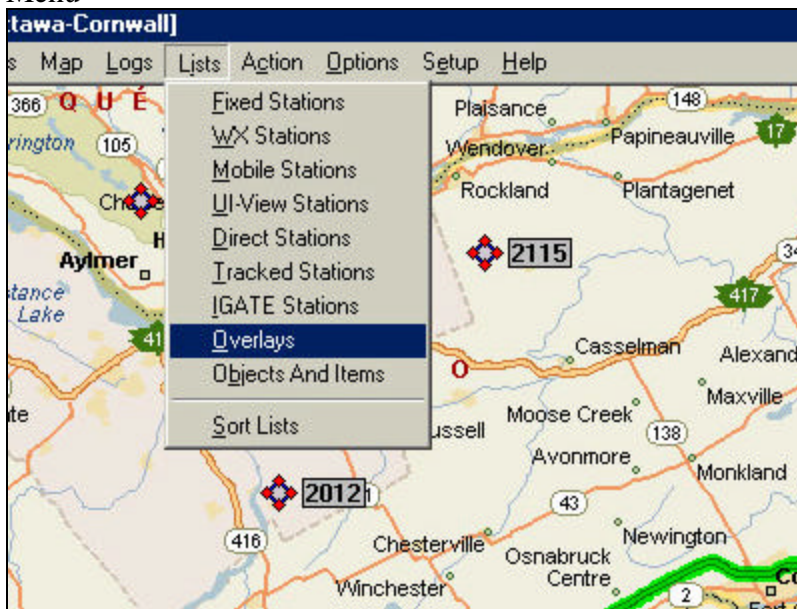
Lat. Long.

Time

Beacon comment

Status text

A list of all the overlay positions can be seen by selecting Lists - Overlays on the Main Menu



This will bring up the "Overlays" list window. The number [nnn] informs you how many position objects are currently in the list(s) that are loaded.

Call sign	Symbol	Latitude	Longitude	Miles	Bearing	Last Heard
1000	Node	49.16.16N	123.15.00W			Overlay
1020	Node	48.55.20N	123.43.19W			Overlay
1030	Node	48.25.80N	123.35.99W			Overlay
1068	Node	53.31.58N	113.20.74W			Overlay
1070	Node	49.15.77N	122.49.02W			Overlay
1080	Node	50.42.42N	120.21.84W			Overlay
1090	Node	55.10.89N	123.04.55W			Overlay
1100	Node	49.12.96N	118.06.48W			Overlay
1120	Node	49.16.35N	124.37.67W			Overlay
1140	Node	49.29.76N	119.35.69W			Overlay
1150	Node	49.33.60N	119.39.00W			Overlay
1160	Node	49.42.31N	124.58.37W			Overlay
1170	Node	48.26.23N	123.22.05W			Overlay
1180	Node	49.19.10N	124.18.71W			Overlay
1200	Node	51.11.80N	114.28.96W			Overlay

Callsign	Symbol	Latitude	Longitude	Miles	Bearing	Last Heard
VE6YLL	Node	53.05.89N	110.09.68W			Overlay
VE6TOT	Node	51.04.92N	115.19.66W			Overlay
UY1RM	Node	60.45.00N	135.05.40W			Overlay
UE5MN	Node	50.28.90N	104.30.42W			Overlay
VE7FFU	Node	54.33.78N	128.35.52W			Overlay
UE5SCR	Node	50.16.99N	107.40.99W			Overlay
UE8YK	Node	62.27.33N	114.20.99W			Overlay
UE7HCE	Node	48.27.29N	123.25.80W			Overlay
UE6AO	Node	51.07.48N	113.58.31W			Overlay
VE4UHR	Node	49.48.55N	097.08.05W			Overlay
UE7CAP	Node	49.27.49N	115.37.82W			Overlay
UY1DX	Node	60.08.99N	135.05.99W			Overlay
UE4SRR	Node	52.06.20N	101.16.19W			Overlay
UE5RJM	Node	51.38.41N	102.26.16W			Overlay
UE4FFR	Node	54.46.10N	101.52.63W			Overlay

Click on a line to select it and then click on the "Details" button to see more details.

The details windows will open

The screenshot shows the UI-View32 interface with a map of Ontario, Canada. A list of APRS nodes is overlaid on the map. The 'Node VE4UHR' window is open, showing its coordinates (49.48.55N, 097.08.05W) and a list of other nodes. The list includes: VE6YLL, VE6TOT, UY1RM, UE5MN, VE7FFU, UE5SCR, UE8YK, UE7HCE, UE6AO, VE4UHR (selected), UE7CAP, UY1DX, UE4SRR, UE5RJM, and UE4FFR.

A close-up of the Node information windows
(one line format .pos file)

The screenshot shows a close-up of the 'Node VE3RIX' information window. It displays the node name, coordinates (Lat. 45.08.71N, Long. 75.36.69W), and beacon comment 'OVRLY Node 1212,145.450(-600),T151.4'. There is a close button in the top right corner.

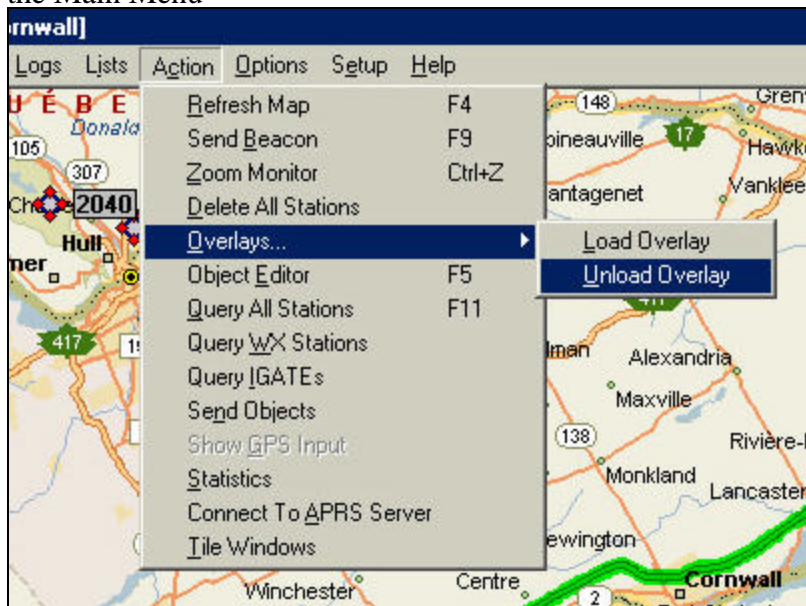
(two line format .pos file)

The screenshot shows a close-up of the 'Node 2012' information window. It displays the node name, coordinates (Lat. 45.08.71N, Long. 75.36.69W), and beacon comment 'OVRLY 145.450(-600),T151.4,VE3RIX'. The status text is '> VE3RIX, Osgoode, ON, Canada'. There is a close button in the top right corner.

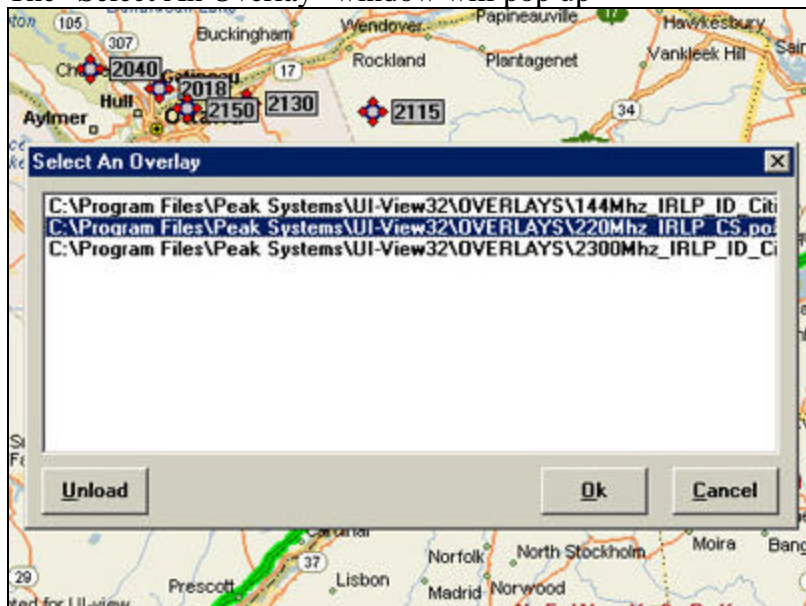
Close the window down by clicking on the box in the top right corner.

In UI-View32, the overlays will remain visible even when changing maps, therefore to

remove an overlay(s), you unload it by selecting Action - Overlays... - Unload Overlay on the Main Menu



The "Select An Overlay" window will pop up



Click on the overlay you wish to remove and then click on the Unload button
Repeat for any other overlays you wish to remove. When you have completed your Unload selections, Click on the OK button to close the window. The overlays that you had selected will be removed from the map once the window has closed.

If you leave an overlay(s) loaded when you close down UI-View32, the overlay(s) will still be loaded and displayed when you reopen UI-View32.

[APRS Overlay files](#)

[Using Overlay files in WinAPRS](#)

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(change the 'at symbol' with @ and remove any spaces)

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