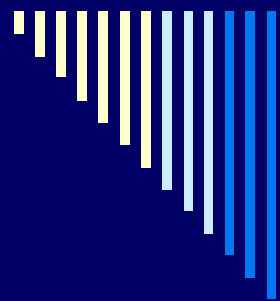


# Setting up VRC

**Configuring your Radar Client for  
use at ZFW ARTCC**

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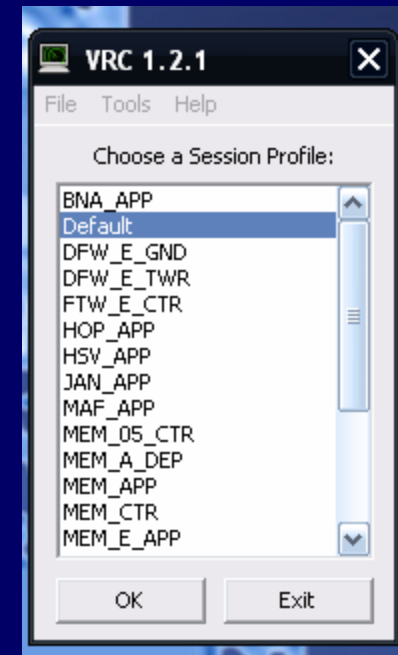


# Installation

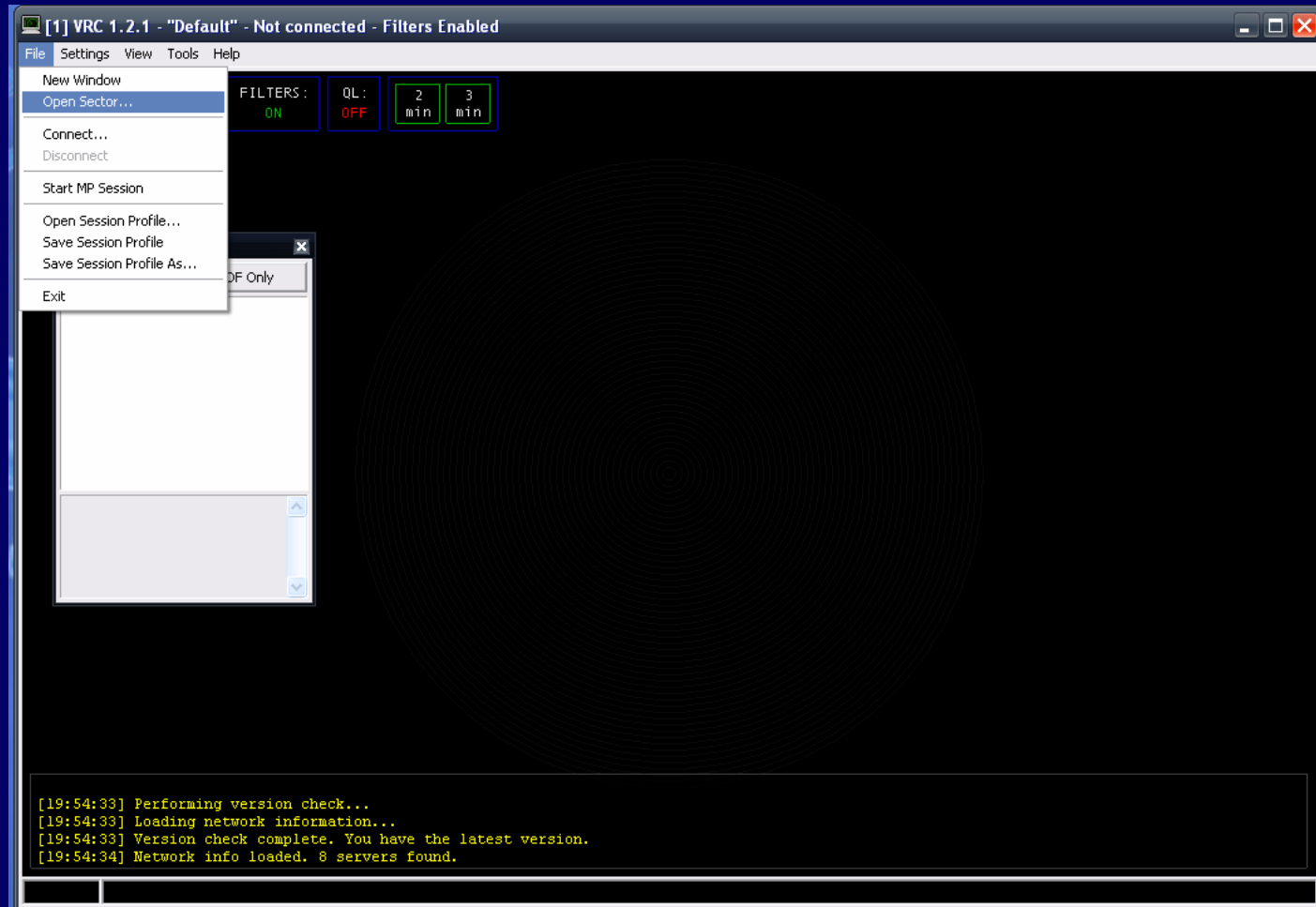
- ❑ Install VRC, you can download it from <http://www.metacraft.com/VRC/download.shtml>
- ❑ Login to the ZFW website, download the Sector File and Sweatbox files from the ATC menu and unzip them into the Program Files/VRC directory on your hard drive

# Session Profiles

- Session Profiles are pre saved settings that make connecting easier because all of your settings are retained. It is best to set up a profile for each position you work.

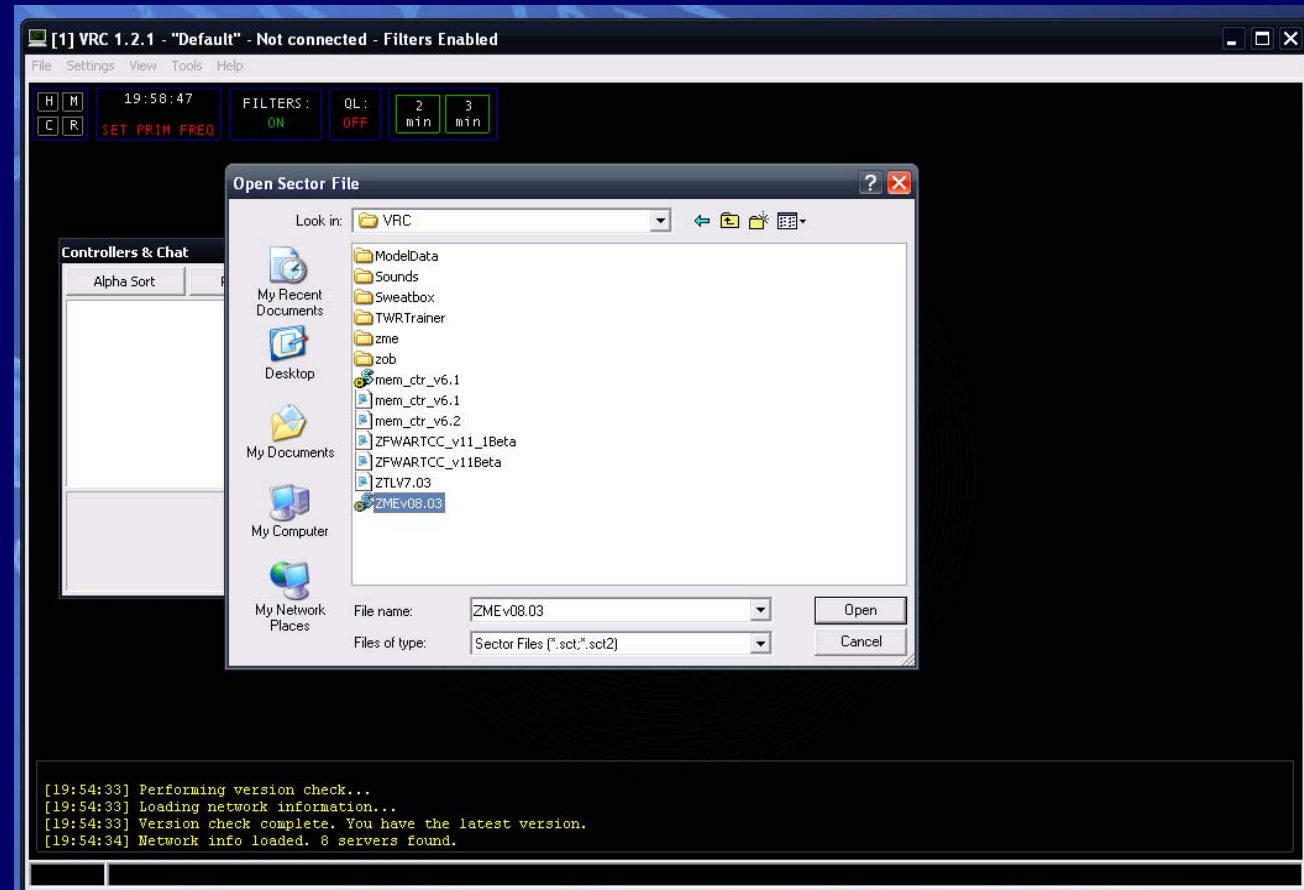


# Opening the Sector File



# Opening the Sector File

Use the .sct2  
formatted file  
wherever possible



# General Settings 1

The screenshot shows the VRC 1.2.1 software interface. The title bar reads "[1] VRC 1.2.1 - 'Default' - Not connected - Filters Enabled". The menu bar includes File, Settings, View, Tools, and Help. The Settings menu is open, showing options: Radar Mode, Color Profile, Filters, General..., ATISMaker..., Color Profiles..., Sounds..., Audio Devices..., and Calibrate Mic... The General... option is selected. In the background, a radar display shows various airport codes and flight paths. A small dialog box titled "POF Only" is also visible. At the bottom, a log window displays the following text:

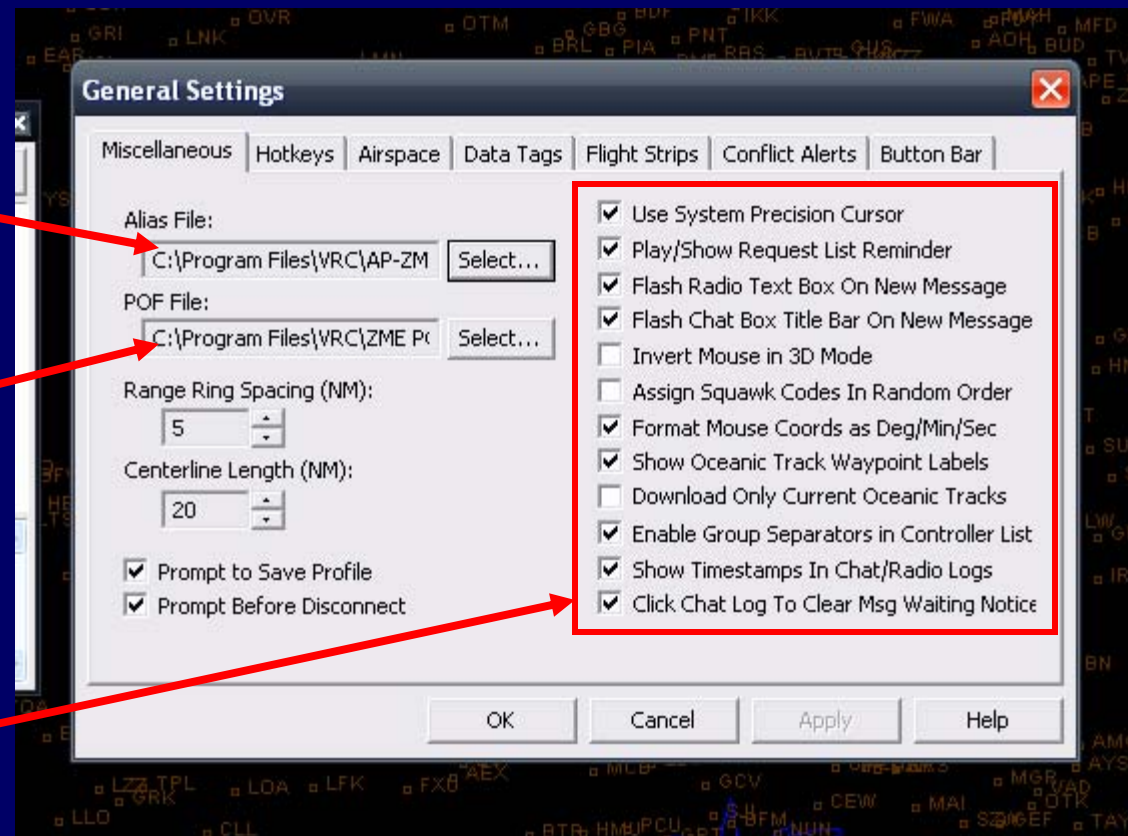
```
[19:54:33] Performing version check...  
[19:54:33] Loading network information...  
[19:54:33] Version check complete. You have the latest version.  
[19:54:34] Network info loaded. 8 servers found.  
[20:01:12] Sector file loaded. Visibility center(s) reset.
```

# General Settings 2 – Misc Tab

Select the ZFW Alias File in your VRC Folder

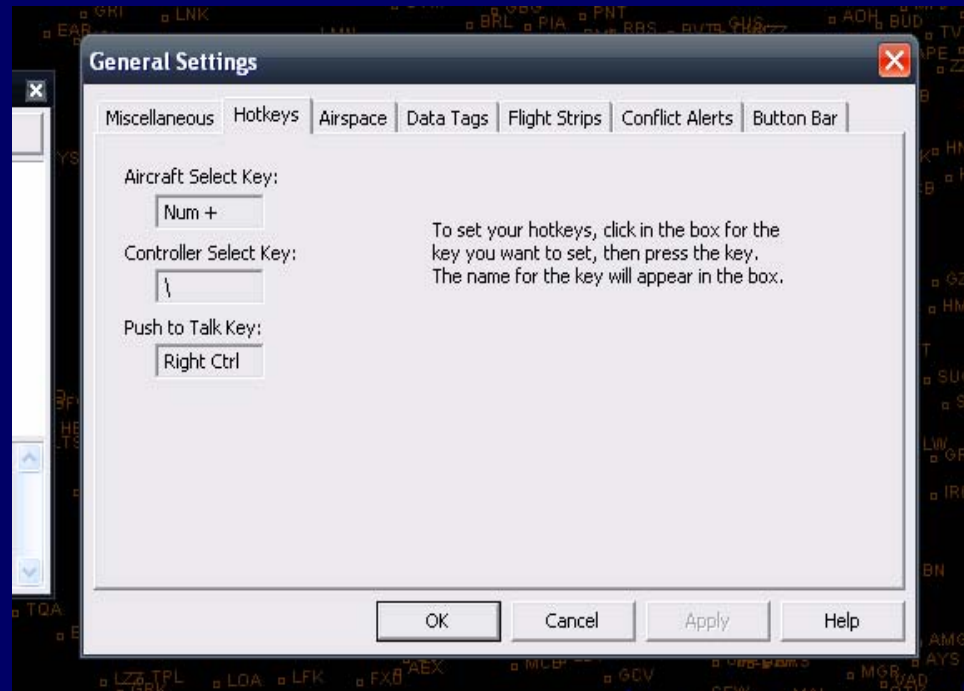
Select the ZFW POF File in your VRC Folder

Match up the checkboxes to the ones shown here

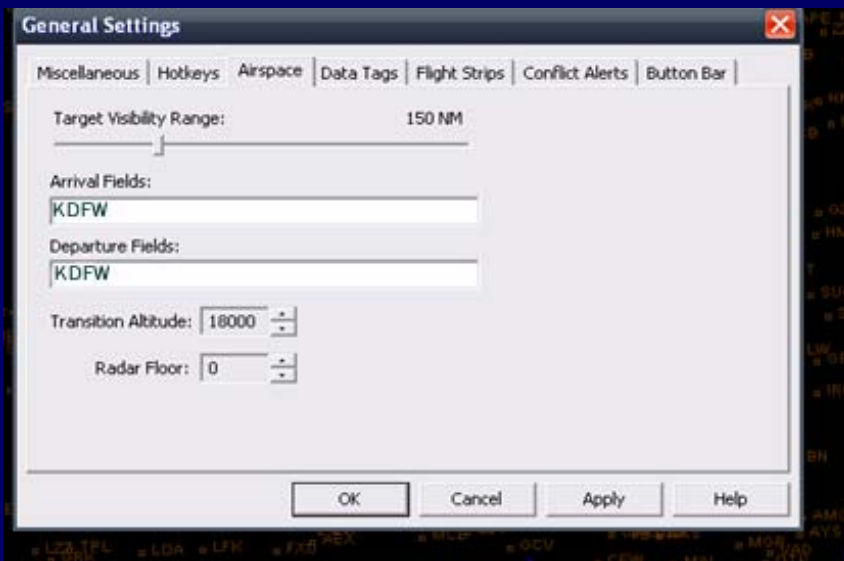


# General Settings 3 - Hotkeys

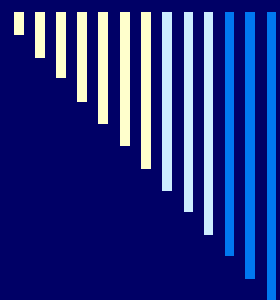
Verify that your hotkey settings match these



# General Settings 4 - Airspace

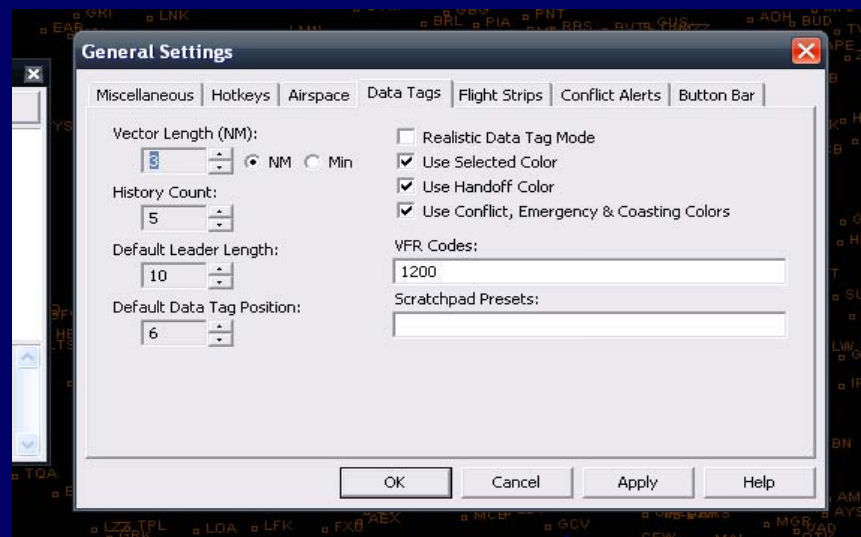


- Ranges:
  - Observing – 150NM
  - Delivery/Ground – 10NM
  - Tower – 20NM
  - Approach/Dep – 100NM
  - Center – 400 NM
- Arrival and departure fields are dependent upon what facility you are working at. Separate multiple fields with a comma
- Leave Transition Alt and Radar floor alone



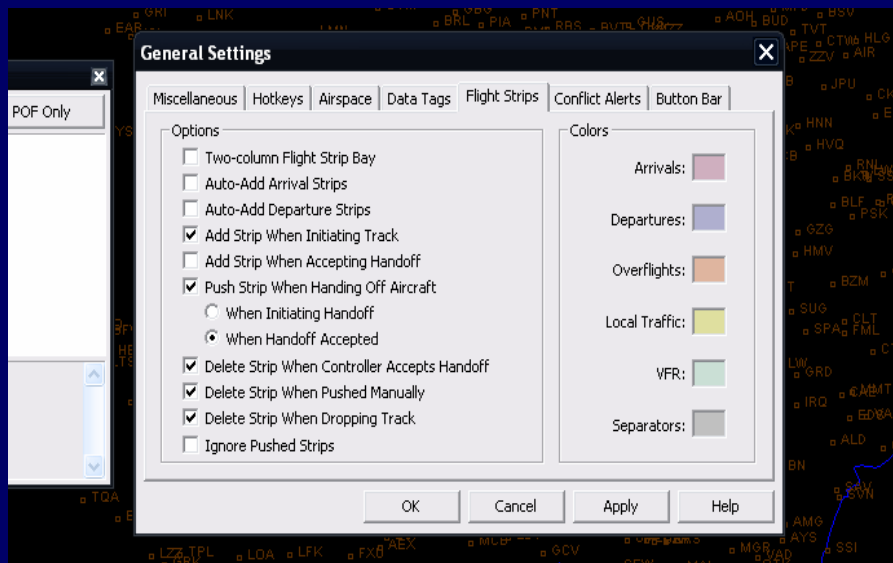
# General Settings 4 – Data Tags

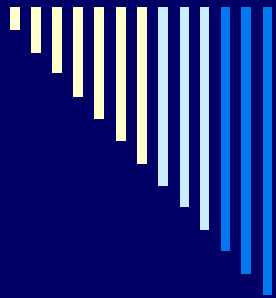
- Use default settings



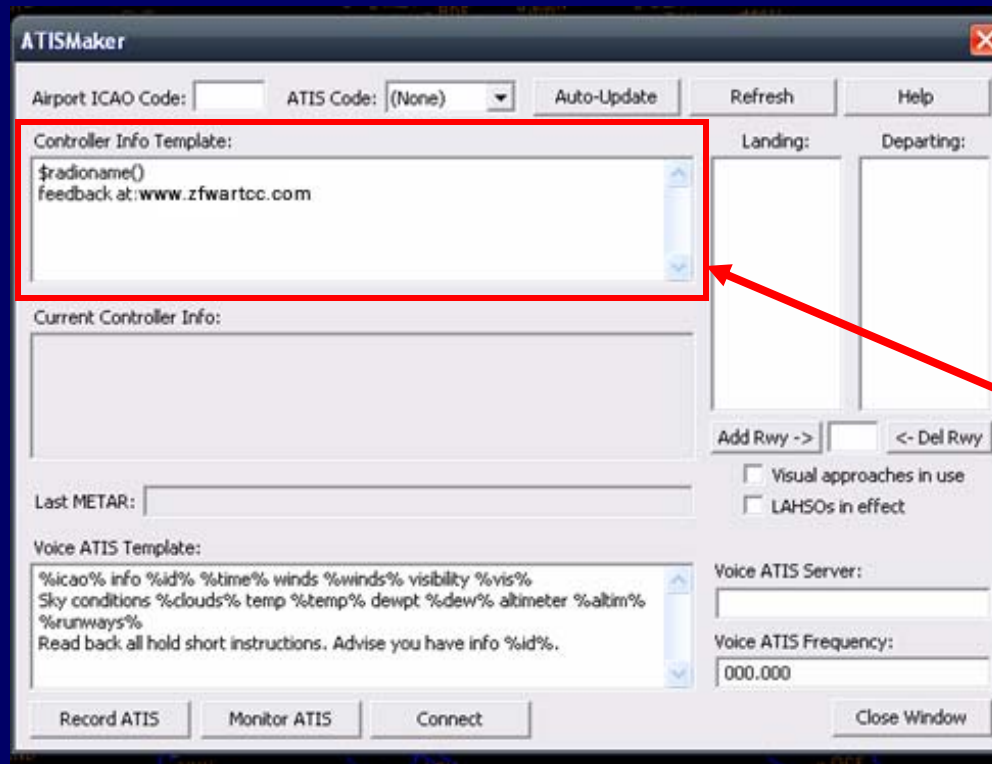
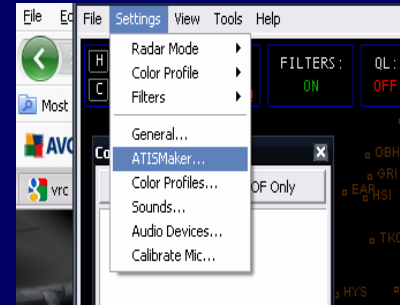
# General Settings 5 – Flight Strips

- Your preferences will change as you become fluent with VRC, but these are good settings for starters
- Do not change anything on the Conflict Alerts Tab
- Check all boxes in the button bar tab



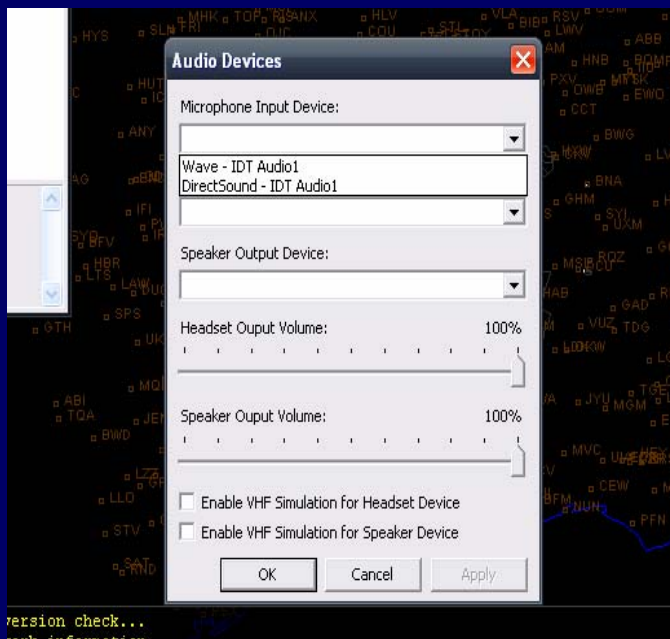
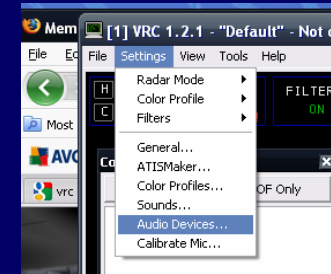


# ATIS Maker



- Until you start working Tower, there is not much to worry with on this pane, just match your Controller Info Template to the graphic

# Audio Devices



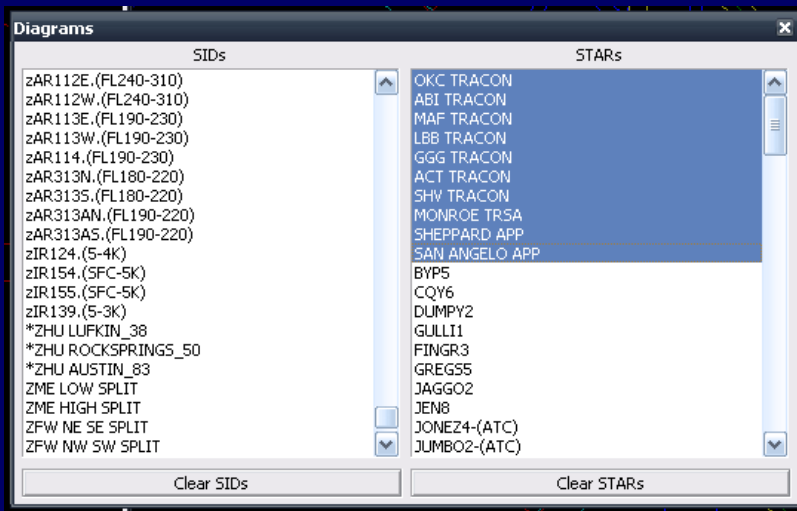
- Select your audio devices. Use either Wave or DirectSound, and make sure to set your teamspeak audio settings to the opposite to avoid driver conflicts
- VHF simulation cuts the bass out of what you hear. Sometimes this makes people easier to understand
- When complete, go to Settings->Calibrate Mic to set your audio settings

# Turning on Boundaries

- Select the items shown from the View menu, then open the Diagrams pane from the bottom of the View menu



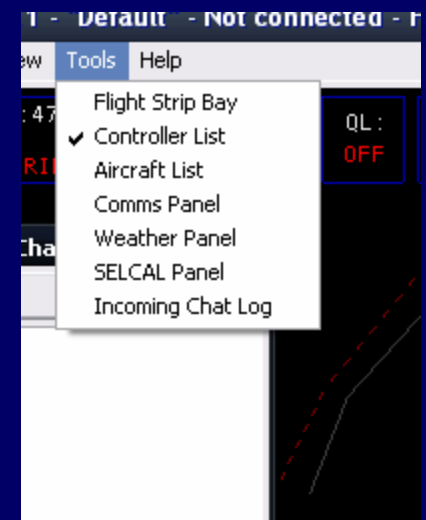
# Basic Diagrams

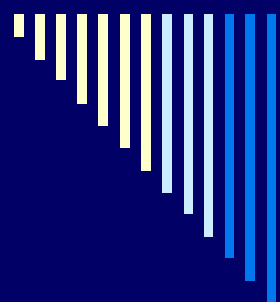


- There are many different uses for the various diagrams, but these are a good all around start.

# Toolboxes

- ❑ Flight Strip Bay, contains flight plan and other aircraft info used in controlling
- ❑ Controller List – shows controllers and observers within range of you
- ❑ Aircraft List – Shows aircraft within range arriving and departing from airports in your settings
- ❑ Comms Panel – Used to set up your radio frequencies
- ❑ Weather Panel – self explanatory
- ❑ Incoming Chat Log – self explanatory





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## Toolboxes that should generally be on:

- Controller List
  - Aircraft List
  - Weather Panel
  
  - Turn on the Comms Panel as needed
-

# Setting Up Comms

1. Click a rectangle to expand the panel
2. Enter the Position name
3. Enter the frequency
4. Enter the vox server name (always [rw.liveatc.net](http://rw.liveatc.net))
5. Enter the vox channel (always the same as the position name)
6. Click Save Changes

Tip: You can find the position names and frequencies on the Positions Table located on the ATC Menu on the ZFW Website

The screenshot shows a 'Communications' dialog box with a table of communication positions and a form below it. Red arrows numbered 1 through 6 point to specific elements in the dialog:

- Arrow 1 points to the 'DAL\_TWR' entry in the table.
- Arrow 2 points to the 'Position Name' input field.
- Arrow 3 points to the 'Frequency' input field.
- Arrow 4 points to the 'Vox Server' input field.
- Arrow 5 points to the 'Vox Channel' input field.
- Arrow 6 points to the 'Save Changes' button.

PRIM	Name	TX	RX	HDST	SPKR
<input type="checkbox"/>	DFW_E_TWR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	DFW_E_GND	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	DFW_DEL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	REG_E_APP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	FTW_E_CTR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	DAL_TWR	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	----	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	----	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	----	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	----	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	----	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	----	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Position Name:

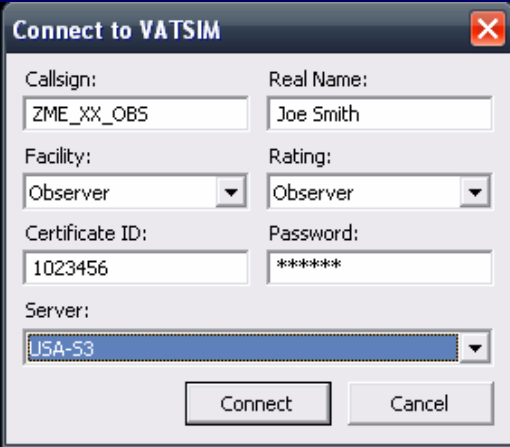
Frequency:

Vox Server:

Vox Channel:

# Connecting to VATSIM

- ❑ Click File->Connect and then enter the following to observe on VATSIM
- ❑ Replace XX with your operating initials
- ❑ When controlling the Callsign will be replaced with the position you are working, and the facility and rating will be changed accordingly

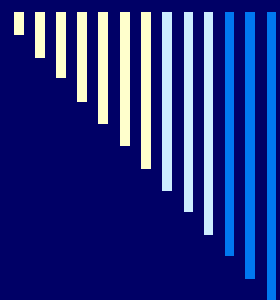


The screenshot shows a dialog box titled "Connect to VATSIM" with a close button (X) in the top right corner. The dialog contains the following fields and controls:

Callsign:	Real Name:
ZME_XX_OBS	Joe Smith
Facility:	Rating:
Observer	Observer
Certificate ID:	Password:
1023456	*****
Server:	
USA-53	

At the bottom of the dialog, there are two buttons: "Connect" and "Cancel".





# Save your Profile

- When you have all the settings correct, click File->Save Session Profile As and name the profile so your settings will be retained.