

SBS-1 Basestation VOR Roses

This folder contains the outlines for VOR Roses.

VORs and Tacans

Traditionally Roses were only placed around VORs, but I have had a few requests for Roses around Tacans. I have therefore included them for those countries that have Tacans.

Rose Size

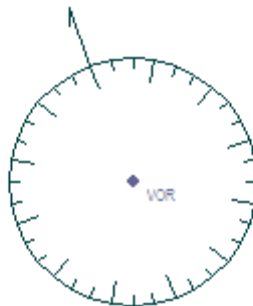
The original VOR Roses generated by “Bones” for the UK and Ireland are based on a radius of 2nm. Roses with a radius of 1 nm are available if you prefer the roses slightly smaller.

Magnetic Offset

All the Roses have been generated pointing true north and without any magnetic north indicator line.



I can also generate the roses with a magnetic offset and with a magnetic north indicator line. In this example the VOR has magnetic offset of 20°W



If you require these I will need the local magnetic offset – either one average value for all the VOR/Tacans in the country or the individual magnetic offset per VOR/Tacan.

Waypoint Filenames

The waypoint files contain identical information – I have included multiple files to enable the same naming convention to be used for the outline and the waypoint file names.

Filenames

The Roses are grouped by country and inside each of the zip files there are a group of files. The name of the file indicates the contents of the file e.g.

VOR_Roses_LF_France_1nm.out	French VOR Roses with a radius of 1nm
VOR_Roses_LF_France_2nm.out	French VOR Roses with a radius of 2nm
VOR_Roses_LF_France_Magnetic_1nm.out	French VOR Roses with a radius of 1nm and with a magnetic indicator
VOR_Roses_LF_France_Magnetic_2nm.out	French VOR Roses with a radius of 2nm and with a magnetic indicator

The file names for the roses around Tacans will be similar except they start with “Tacan” in place of “VOR”

Copy your preferred outline ".out" file into your Basestation Outline folder - default for XP is C:\Program Files\Kinetic\Basestation\Outlines.

Copy your preferred waypoint ".wpt" file into your Basestation Waypoint folder - default for XP is C:\Program Files\Kinetic\Basestation\Waypoints.

Removing an individual VOR Rose

It is likely you will not want to display all of the VOR Roses for the country. You can either delete the VOR Roses you don't want, or you can make the VOR Rose inactive. There are comments inside the outline files which enable you to identify the start and end of each VOR Rose.

Open the “.out” file with Notepad or Wordpad – do **not** use a word processing package e.g. Word.

The Rose for a VOR will start with a line "{VOR Rose for" and end with a "-1" immediately before the start of the next VOR Rose. e.g

```
{VOR Rose for vor_ident (vor_name) computed using }  
...  
... lots of coordinates  
...  
-1  
{VOR Rose for next_vor_ident (next_vor_name) computed using }
```

If you want to delete a VOR Rose delete all the lines associated with the VOR. Ensure that there is no blank line in the file e.g.

```
...  
... lots of coordinates  
...  
-1
```

← do not leave a blank line

```
{VOR Rose for next_vor_ident (next_vor_name) computed using }
```

The alternative is to make the VOR Rose inactive. Add a semi-colon (;) at the start of each line e.g.

```
{VOR Rose for vor_ident (vor_name) computed using }  
;...  
;...  
;...  
;-1  
{VOR Rose for next_vor_ident (next_vor_name) computed using }
```

If you find any errors or if there are any changes e.g. new VORs or decommissioned VORs,, or you wish to have the Roses for a country not listed, please email me at acarslogger@hotmail.com.

Have fun.

Stuart (acarslogger)

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