



BGA Scoring Guide

A guide to using SeeYou to score a competition using BGA rules.

Including guides for:

- Scoring using SeeYou
- Creating Airspace Files
- Creating Waypoint Files
- Editing Scoring Scripts
- Creating IGC Ranking List Entries

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Approved SeeYou Version for 2019

Seeyou Version 10.1
BGA Scoring Script 2019a

Required software

- Seeyou,
 - Available from <https://www.naviter.com/download-manual-support/>
- A valid SeeYou licence
 - Available from <https://www.naviter.com/purchase/>

Part 1 Pre Competition

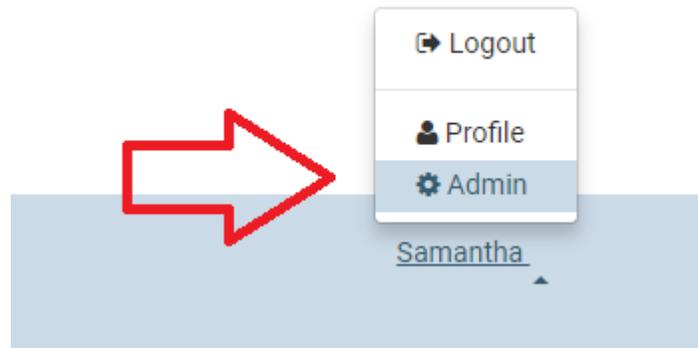
1.1 Set up competition

Set up competition on Soaring Spot

Log to Soaring Spot in using your SeeYou account details (naviter.com) at the bottom of the page.



When logged in click on the bottom of the page on your name, this will pull up a drop down menu. Select Admin



Click on the "add new"

MY COMPETITIONS Claim Samantha

My competitions

[+ Add new](#)

Competition	Location	Start date	End date	Permission	Actions
You don't have any competition. To get access to your competitions from the old Soaring Spot follow this link.					

ABOUT PRIVACY POLICY
© 2000 – 2019 Naviter, d.o.o.

Fill in the form appropriately for your competition

New competition

1 Competition 2 Classes 3 Airspaces & waypoints Done

Title:
Scoring Guide

Location:
<div class="flag flag-gb"></div>Lasham

Date:
2020-01-01 to 2020-01-08

Permalink:
/scoring-guide-lasham-2020

Facebook feed URL

Calculate team cup

[Next](#)

ABOUT PRIVACY POLICY

Class: *
Unknown

New class name:
Blue Class

Class permalink:
/blue

Visible fields:
 Club Country Handicap Team

[Delete](#)

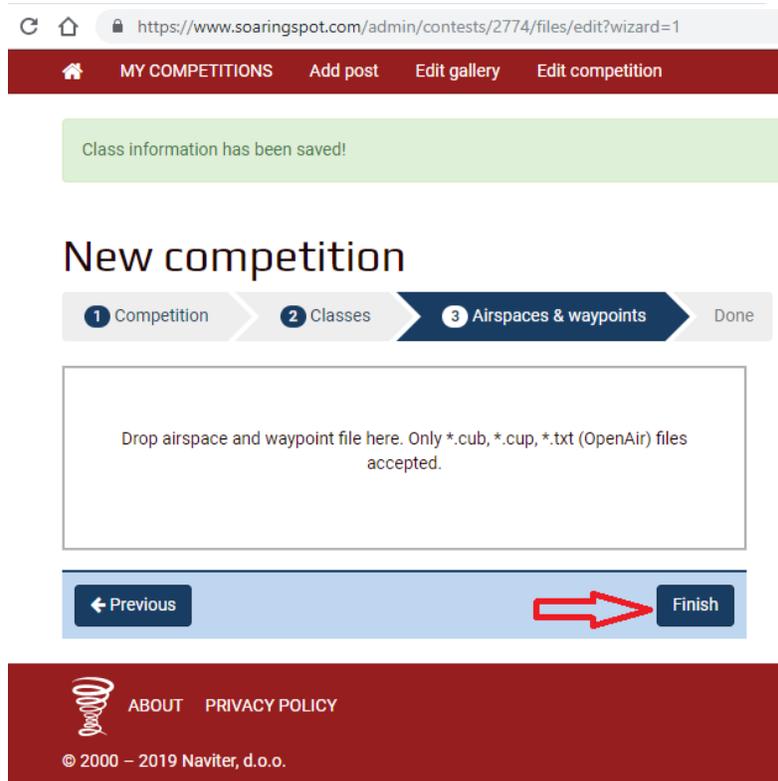
Class: *
Unknown

New class name:
Red Class

Class permalink:
/red

Visible fields:
 Club Country Handicap Team

Skip the 3rd step (airspace and waypoints) - you can do this nearer the start of the competition when the files have been created. Click Finish.

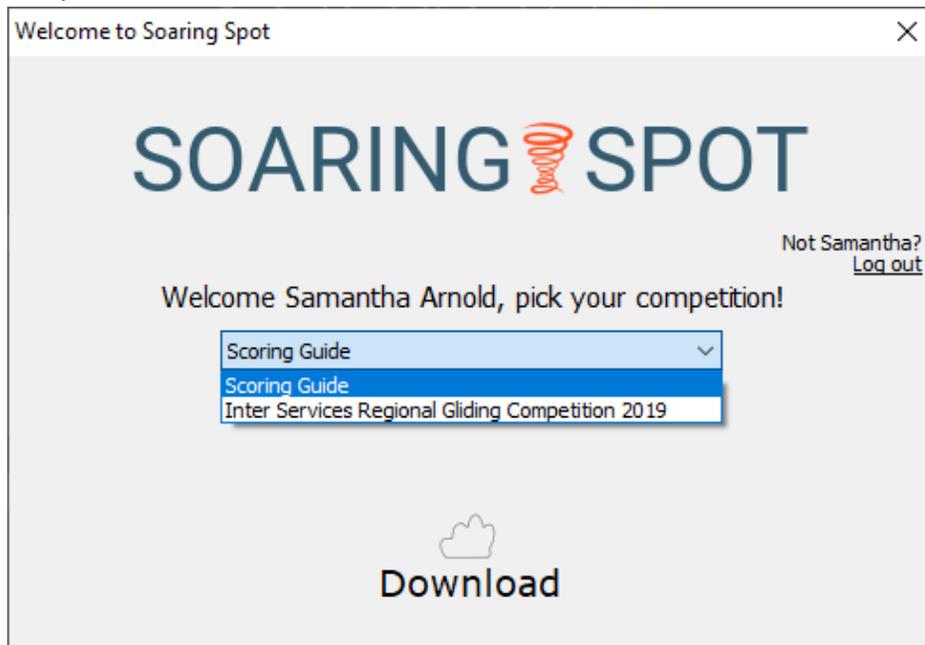


1.2 Linking your soaring spot competition to SeeYou

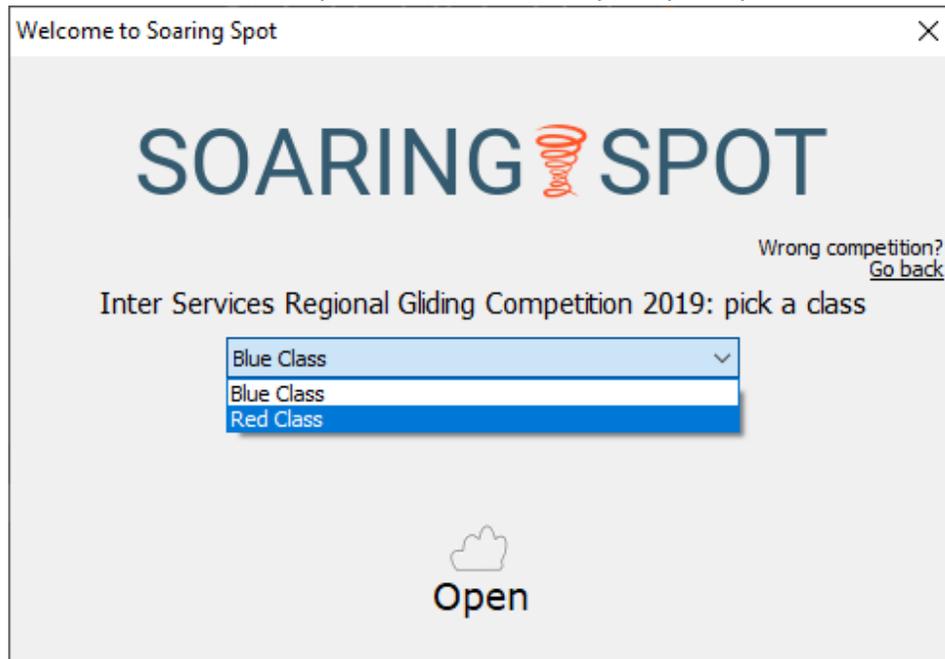
Open the SeeYou program
Click on Soaring Spot Icon:



Select your competition and click download:



Select your class and click on the open button which will pull up the pilot list:



1.3 Collecting Entries

There are several methods for collecting entries,

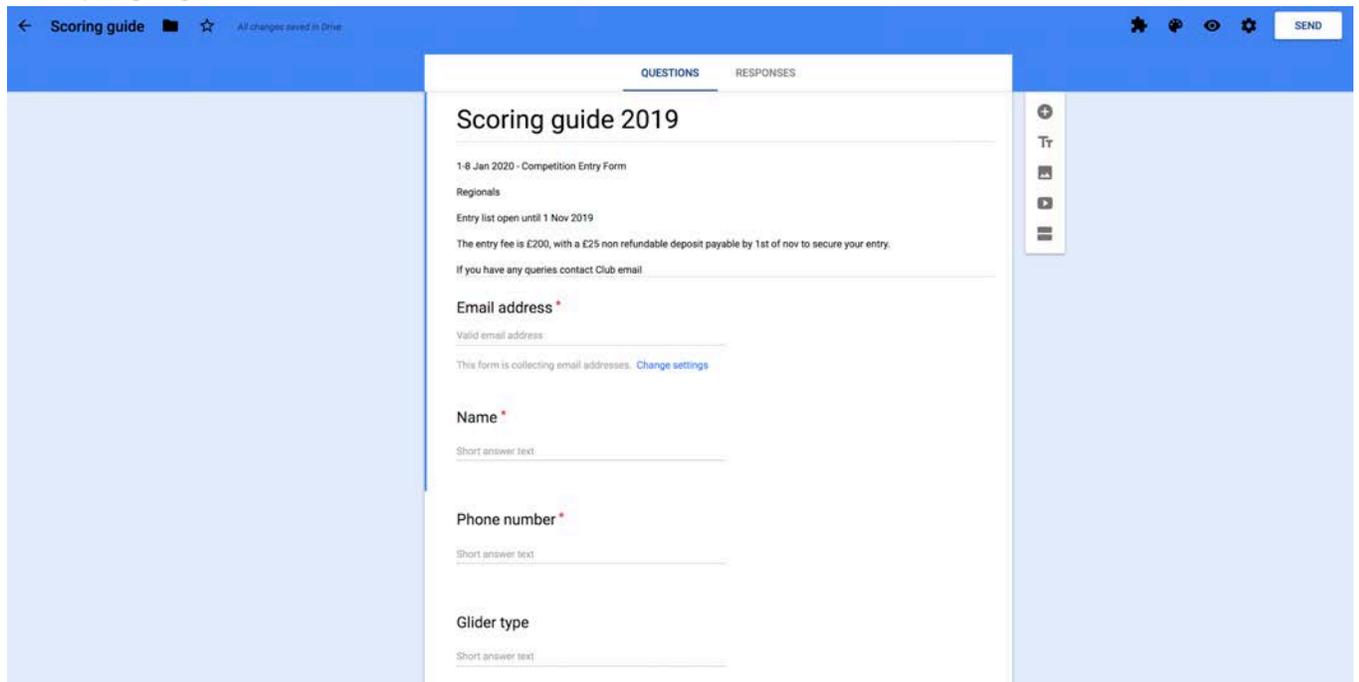
- Google Form (or other online form).
- BGA Entries system.
- Robo Control or other comp management system.

1.3.1 Google Form

If setting up your own comp entry system using a google form the suggested data fields to collect are:

- Name
- Email
- Phone Number
- Glider Type
- Competition Number
- Handicap (if applicable)
- Gliding Club

Example google form:



The screenshot shows a Google Form titled "Scoring guide 2019" with the following content:

1-6 Jan 2020 - Competition Entry Form
Regionals
Entry list open until 1 Nov 2019
The entry fee is £200, with a £25 non refundable deposit payable by 1st of nov to secure your entry.
If you have any queries contact Club email

Email address *
Valid email address
This form is collecting email addresses. [Change settings](#)

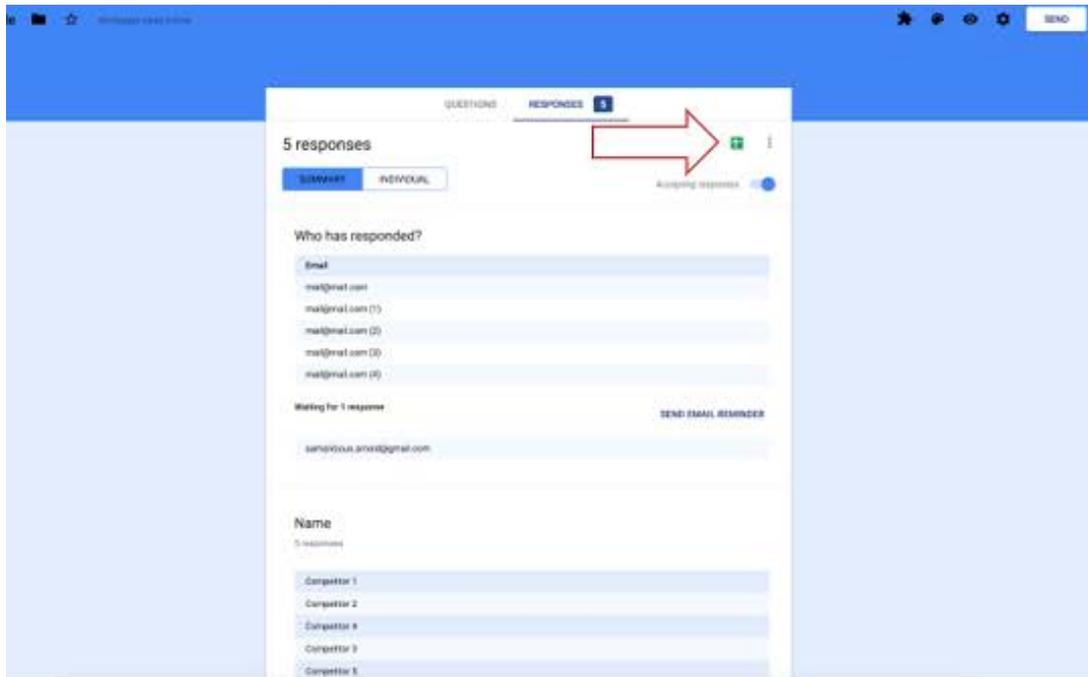
Name *
Short answer text

Phone number *
Short answer text

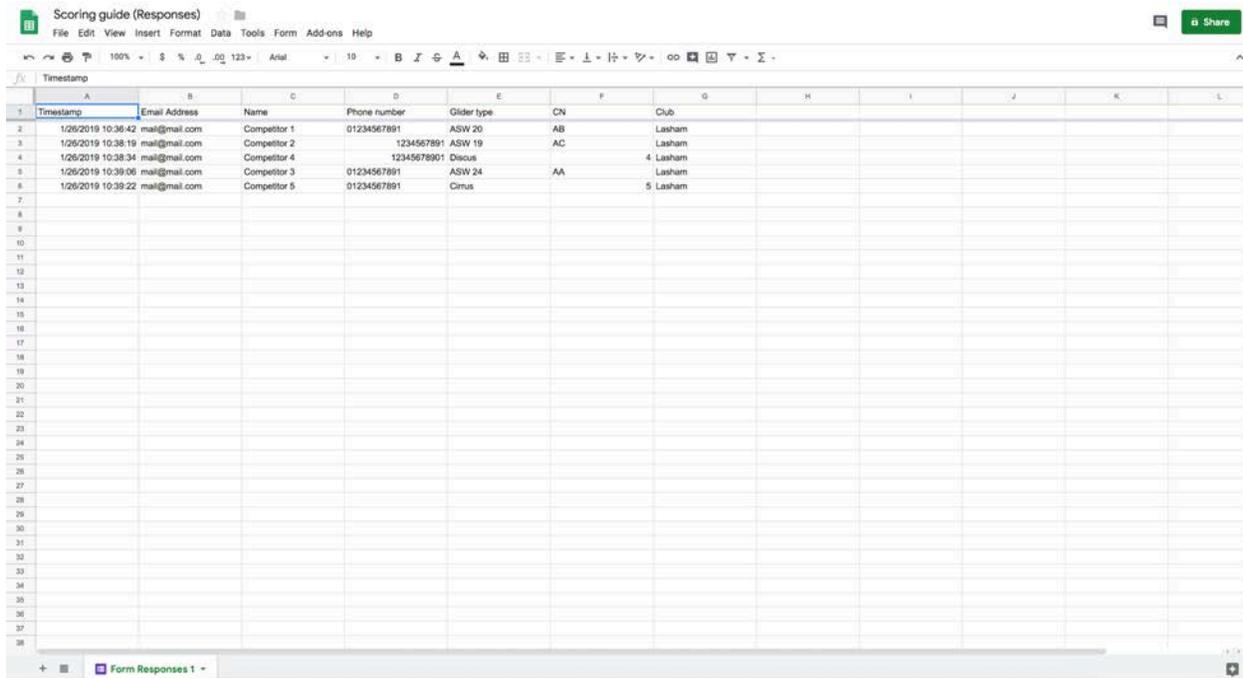
Glider type
Short answer text

This will give you a list of information to put into SeeYou.

The responses will display like this:



The responses can be turned into a spreadsheet by clicking the highlighted button (above) which will look like this:



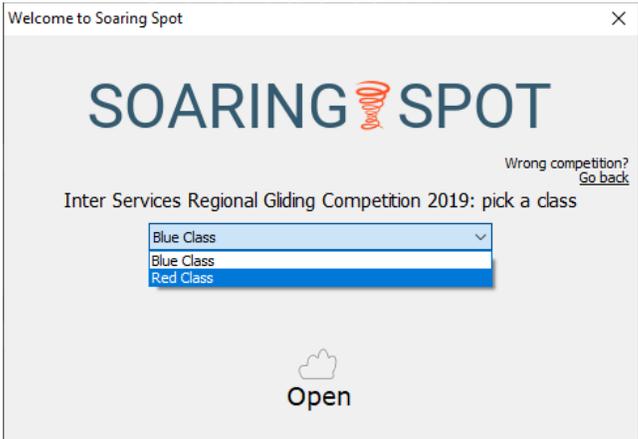
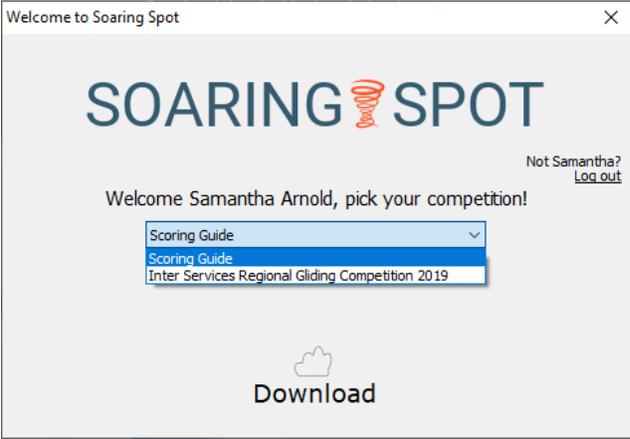
This is the competitor information that we will use for the competition.

1.3.2 BGA Entry system

The BGA will send you a spreadsheet of entry information.

1.4 Entering Pilot Information into SeeYou

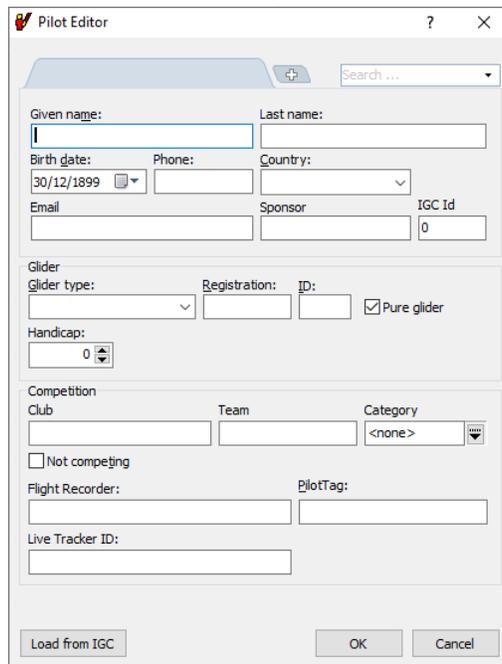
Open the desired competition from the Soaring Spot Icon and ensure you are in the right class before adding pilots.



Click the 'Add Pilot' button on the Pilot list screen (that comes up when you open a class in SeeYou)



This brings up Pilot editor:

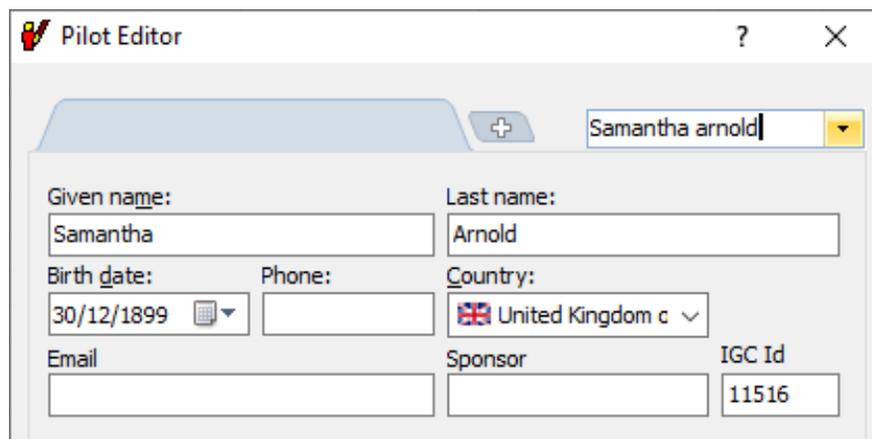


The screenshot shows the 'Pilot Editor' window with a search bar at the top right. The form contains the following fields:

- Given name: []
- Last name: []
- Birth date: 30/12/1899 [calendar icon]
- Phone: []
- Country: []
- Email: []
- Sponsor: []
- IGC Id: 0
- Glider type: []
- Registration: []
- ID: []
- Pure glider:
- Handicap: 0 [dropdown]
- Competition Club: []
- Team: []
- Category: <none> [dropdown]
- Not competing:
- Flight Recorder: []
- PilotTag: []
- Live Tracker ID: []

Buttons at the bottom: Load from IGC, OK, Cancel.

Use the search bar in the top right to search for your entries - if the pilot has flown in an IGC ranked competition before their information will automatically populate the form:



The screenshot shows the 'Pilot Editor' window with the search bar containing 'Samantha arnold'. The form is populated with the following information:

- Given name: Samantha
- Last name: Arnold
- Birth date: 30/12/1899 [calendar icon]
- Phone: []
- Country: United Kingdom c [dropdown]
- Email: []
- Sponsor: []
- IGC Id: 11516

If the competitors have not flown a rated comp before you will need to enter all of the information you have collected into the pilot editor window. Leave the IGC ID blank and contact the pilot - ask them to log in to the IGC website and create an IGC ranking list ID using the attached guide (see annex D). You then have to update the Pilot Editor to input the ID.

The screenshot shows the 'Pilot Editor' window with the following data entered:

- Personal Information:** Given name: Competitor, Last name: 1, Birth date: 30/12/1899, Country: United Kingdom c.
- Glider Information:** Glider type: ASW 20, Registration: G-AAAA, ID: AB, Pure glider:
- Competition Information:** Club: Lasham, Team: (empty), Category: <none>
- Other Fields:** Handicap: 110, IGC Id: 0, Flight Recorder: (empty), PilotTag: (empty), Live Tracker ID: (empty).

The above is an example of a sufficiently completed pilot entry to continue with the competition set up process.

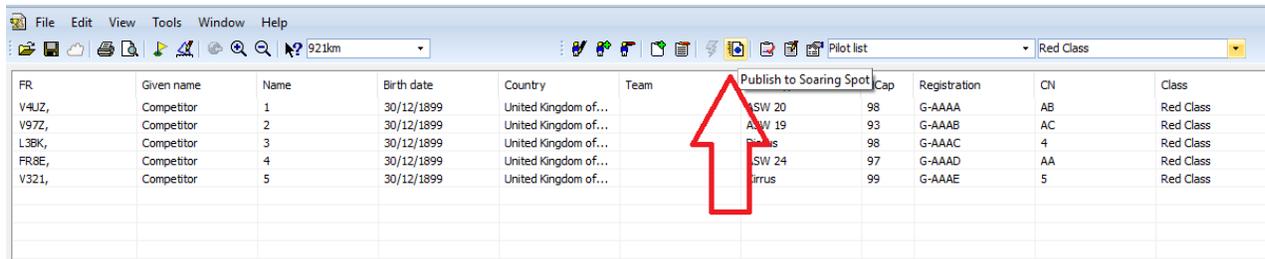
You enter in the information that you have for the competitor and will then need to enter their correct handicap. See You defaults to IGC handicaps so you will need to manually enter the BGA handicap a list of which can be found as part of the BGA rules for rated competitions on the BGA website

This screenshot is identical to the previous one, but the 'Handicap' field is now set to 98, indicated by a red arrow pointing to it.

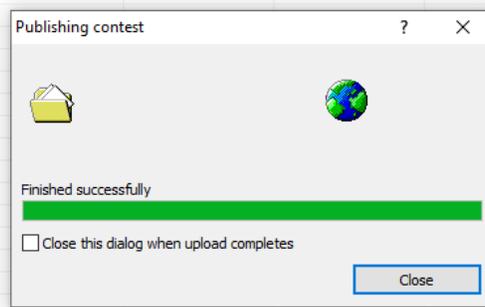
Repeat this process for all of the competitors.

Note - Upload to Soaring Spot

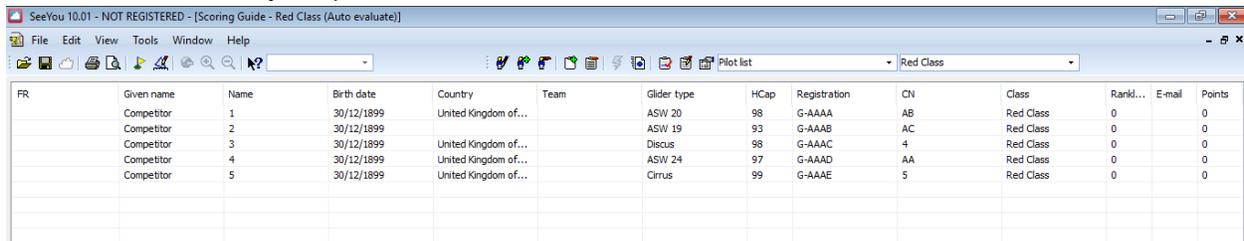
After every few competitors click the upload to soaring spot button, this will save the data to the SeeYou cloud. If SeeYou crashes and you have not done this you can lose all of the data you have put in to SeeYou - this is very frustrating.



FR	Given name	Name	Birth date	Country	Team	Publish to Soaring Spot	HCap	Registration	CN	Class
V4UJ,	Competitor	1	30/12/1899	United Kingdom of...		ASW 20	98	G-AAAA	AB	Red Class
V97Z,	Competitor	2	30/12/1899	United Kingdom of...		ASW 19	93	G-AAAB	AC	Red Class
L3BK,	Competitor	3	30/12/1899	United Kingdom of...		Discus	98	G-AAAC	4	Red Class
FR8E,	Competitor	4	30/12/1899	United Kingdom of...		ASW 24	97	G-AAAD	AA	Red Class
V321,	Competitor	5	30/12/1899	United Kingdom of...		Cirrus	99	G-AAAE	5	Red Class



When all are added your pilot list window should look like this:



FR	Given name	Name	Birth date	Country	Team	Glider type	HCap	Registration	CN	Class	Rank...	E-mail	Points
	Competitor	1	30/12/1899	United Kingdom of...		ASW 20	98	G-AAAA	AB	Red Class	0		0
	Competitor	2	30/12/1899	United Kingdom of...		ASW 19	93	G-AAAB	AC	Red Class	0		0
	Competitor	3	30/12/1899	United Kingdom of...		Discus	98	G-AAAC	4	Red Class	0		0
	Competitor	4	30/12/1899	United Kingdom of...		ASW 24	97	G-AAAD	AA	Red Class	0		0
	Competitor	5	30/12/1899	United Kingdom of...		Cirrus	99	G-AAAE	5	Red Class	0		0

Offline scoring - instead of uploading to soaring spot you can save as to a .cucx file which will keep the data offline and saved.

1.5 Collecting and Inputting Logger Information

Collecting logger information from the competitors. This can be done by:

- Asking the competitors to email a trace from each of the two loggers that they are planning to use.
- Using a competition management system like RoboControl

1.5.1 Finding the logger ID

The information that you need from the Logger is the Flight recorder ID (FR ID). This can be found in the trace file name or, if the file has been renamed, it can be found in the top line of text in the file. To access the top line of text in an IGC file, open the file using any text editor e.g. Textedit or notepad

See the below example where the file “88PLPJ01.IGC” has been opened in Notepad:

```
88PLPJ01.IGC - Notepad
File Edit Format View Help
ALXNPJ0FLIGHT:1
HFDTE250818
HFFXA015
HFPLTPILOTINCHARGE:
HFGTYGLIDERTYPE:Ventus_2-
HFGIDGLIDERID:G-VSGG
HFDTM100GPSDATUM:WGS-1984
HFRFWFIRMWAREVERSION:3.6
HFRHWHARDWAREVERSION:0.0
HFFTYFRTYPE:LXNAVIGATION,LX7007FC
HFGPS:uBLOXf_TIM-LP,16,max9000m
HFPRSPRESSALTSENSOR:LX7007CD
HFCIDCOMPETITIONID:SG
I023638FXA3941ENL
C050616135051250818000100
C0000000N00000000ENO_NAME
C0000000N00000000ENO_NAME
C0000000N00000000ENO_NAME
C0000000N00000000ENO_NAME
F110008162721262010080715301811
LLXNORIGIN1055385111250N00101674W
B1055385111250N00101674WA0017100177005000
B1055535111251N00101674WA0017100177005000
B1056085111251N00101674WA0017100179005008
B1056235111251N00101674WA0017100179005008
B1056385111251N00101674WA0017100179005008
B1056535111251N00101674WA0017100179005008
B1057085111251N00101674WA0017100179005000
B1057235111251N00101674WA0017100179005008
B1057385111250N00101674WA0017200177005000
B1057535111250N00101674WA0017100177005000
B1058085111250N00101674WA0017100177005008
B1058235111250N00101674WA0017100177005008
B1058385111250N00101674WA0017100177005008
B1058535111250N00101674WA0017100177005000
B1059085111251N00101674WA0017100179005000
<
```

For the igc file “88PLPJ01.IGC” the file name gives you all of the information that you need.

The first part of the file name “88P” is the date code.

The second part of the file name “LPJ0” is the logger ID.

The final part of the file name “1” is the serial number of the flight for the day

If the file has been renamed you can find this information at the top of the text file in the long format “LXNJP0”:

```
88PLPJ01.IGC - Notepad
File Edit Format View Help
ALXNPJ0FLIGHT:1
HFDTE250818
HFFXA015
HFPLTPILOTINCHARGE:
HFGTYGLIDERTYPE:Ventus_2-
HFGIDGLIDERID:G-VSGG
HFDTM100GPSDATUM:WGS-1984
HFRFWFIRMWAREVERSION:3.6
HFRHWHARDWAREVERSION:0.0
HFFTYFRTYPE:LXNAVIGATION,LX7007FC
HFGPS:uBLOXf_TIM-LP,16,max9000m
HFPRSPRESSALTSENSOR:LX7007CD
HFCIDCOMPETITIONID:SG
I023638FXA3941ENL
C050616135051250818000100
C0000000N00000000ENO_NAME
C0000000N00000000ENO_NAME
C0000000N00000000ENO_NAME
C0000000N00000000ENO_NAME
F110008162721262010080715301811
LLXNORIGIN1055385111250N00101674W
B1055385111250N00101674WA0017100177005000
B1055535111251N00101674WA0017100177005000
R1056005111251N00101674WA0017100179005000
```

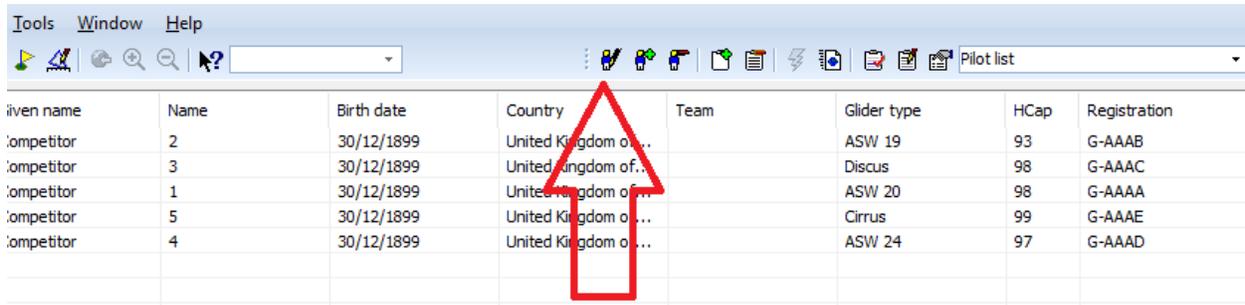
“LXNPJ0” is the same as “LPJ0” in the file name. This is simply the long and short code for the logger manufacturer. You can use either code when inputting this information into SeeYou. You can read the short and long manufacturer codes in the table on the next page.

IGC-APPROVED FLIGHT RECORDERS - 19 CURRENT MANUFACTURERS

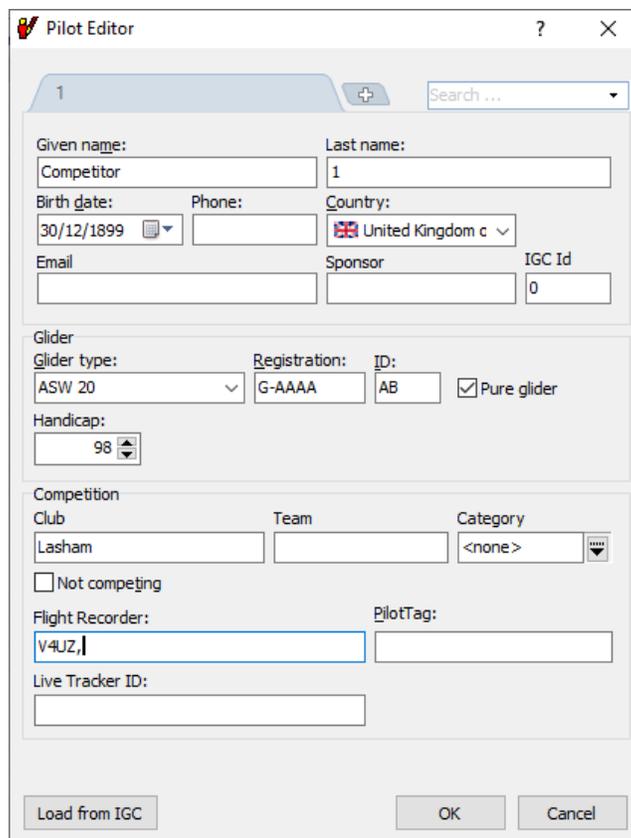
S/N	Name of Manufacturer (alphabetical order)	Country	Manufacturer's web page	IGC Codes for the Firmware Manufacturer	
				3 letters	1 letter (for short version of IGC file name)
1	Aircotec Flight Instruments	Austria	www.aircotec.at	ACT	I
2	Cambridge Aero Instruments	USA	www.cambridge-aero.com	CAM	C
3	ClearNav Instruments (ex Nielsen Kellerman)	USA	www.clearnav.net	CNI (NKL)	K
4	DSX Data Swan	Switzerland	www.d-s-x.net	DSX	D
5	EDIATec (with Flarm Firmware)	Switzerland	www.ediatec.ch	FLA	G
6	EW Avionics	UK	www.ewavionics.com	EWA	E
7	Flarm Technology GmbH	Switzerland	www.flarm.com	FLA	G
8	Garrecht Avionik GmbH	Germany	www.garrecht.com	GCS	A
9	IMI Gliding Equipment	Czech Republic	www.imi-gliding.com	IMI	M
10	LXNAV d.o.o.	Slovenia	www.LXNAV.com	LXV	V
11	LX Navigation	Slovenia	www.lxnavigation.com	LXN	L
12	Naviter d.o.o.	Slovenia	www.naviter.com	NAV	Not applicable, full IGC file name used
13	New Technologies s.r.l.	Italy	www.ntsrl.it	NTE	N
14	Peschges Variometer GmbH	Germany	www.peschges-variometer.de	PES	P
15	Scheffel Automation	Germany	www.themi.de	SCH	H
16	PressFinish Electronics GmbH	Germany	www.pressfinish.de	PFE	Not applicable, full IGC file name used
17	Streamline Digital Instruments (SDI)	Germany	www.sdi-variometer.de	SDI	S
18	Triadis Engineering GmbH	Switzerland	www.triadis.ch	TRI	T
19	Zander Segelflugrechner	Germany	www.zander-variometer.de	ZAN	Z

1.5.2 Entering the logger ID into SeeYou

Now you have collected the Logger ID you can add it to the “Edit Pilot” window in SeeYou:



Given name	Name	Birth date	Country	Team	Glider type	HCap	Registration
Competitor	2	30/12/1899	United Kingdom of...		ASW 19	93	G-AAAB
Competitor	3	30/12/1899	United Kingdom of...		Discus	98	G-AAAC
Competitor	1	30/12/1899	United Kingdom of...		ASW 20	98	G-AAAA
Competitor	5	30/12/1899	United Kingdom of...		Cirrus	99	G-AAAE
Competitor	4	30/12/1899	United Kingdom of...		ASW 24	97	G-AAAD



Pilot Editor

1 Search ...

Given name: Competitor Last name: 1

Birth date: 30/12/1899 Phone: Country: United Kingdom c

Email: Sponsor: IGC Id: 0

Glider

Glider type: ASW 20 Registration: G-AAAA ID: AB Pure glider

Handicap: 98

Competition

Club: Lasham Team: Category: <none>

Not competing

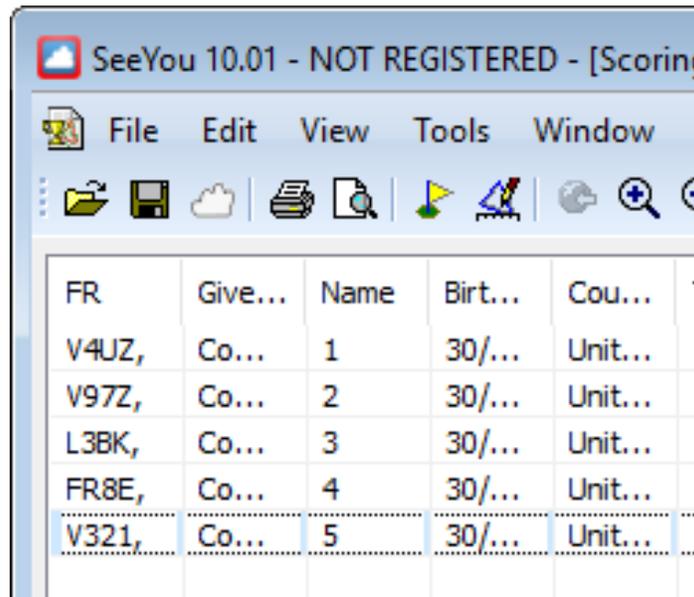
Flight Recorder: V4UZ, PilotTag:

Live Tracker ID:

Load from IGC OK Cancel

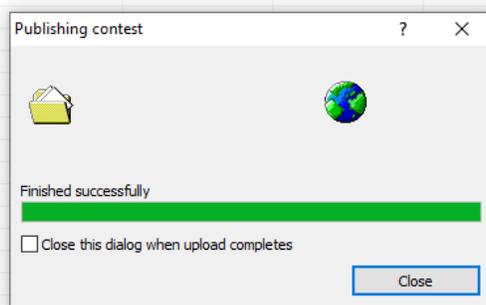
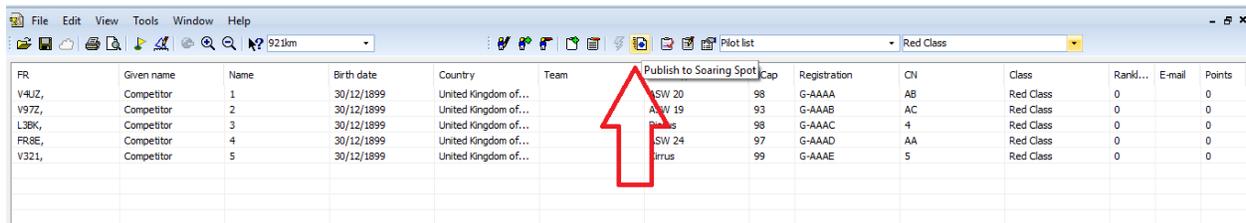
Each logger id must be followed by a comma with a space before the next EG, “LAAA, LBBB,” would be the two loggers “LAAA” and “LBBB”

Once the logger information has been entered it should be seen in the 'FR' column of the pilot list window:



Note - Upload to Soaring Spot

After every few logger IDs have been entered hit the "upload to Soaring Spot" button to save the data!

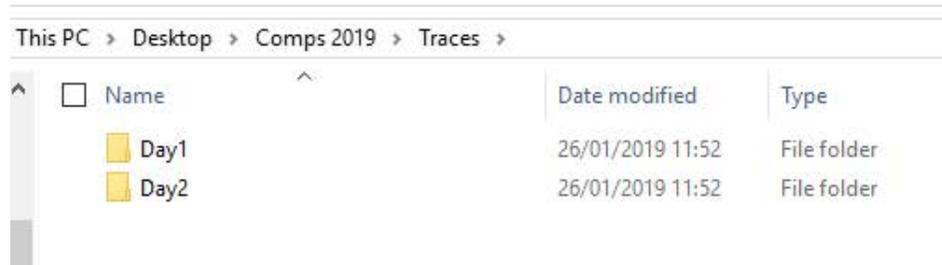


1.6 Collecting Traces

There are several ways of collecting the IGC files:

- Get pilots to manually hand in SD cards and memory sticks
- Set up email account linked to IGCMail for pilots to email traces to (see the guide at this link http://download.naviter.com/igcmail/lgcMail_Help.pdf)
- Use a comp management system like RoboControl to collect and manage traces from competitors

All of these systems should end up depositing the Logger files into a folder that you designate. A suggestion is that you set up a file for each day to keep this information organised.



1.7 Upload Waypoints and Airspace Files

1.7.1 Uploading waypoint and airspace files

Once you have created the waypoint and airspace files (see the waypoint and airspace guides), you will now need to add them to your competition on https://www.soaringspot.com/en_gb/. Login as before (follow 1.1) and then click on the edit competition button at the top of the screen of the appropriate competition.



Click the edit button next to files and drag and drop your airspace and waypoint files into the competition.

MY COMPETITIONS Add post Edit gallery Edit competition

Scoring Guide

Lasham, United Kingdom, 1 January 2020 – 8 January 2020

Competition [Edit](#)

- Scoring Guide
- Lasham, United Kingdom
- 1 January 2020 – 8 January 2020
- 0 competitors in 2 classes

Classes [Edit](#)

- Red Class (Unknown)
- Blue Class (Unknown)

Files [Edit](#)



- Competition doesn't have any waypoint or airspace file.

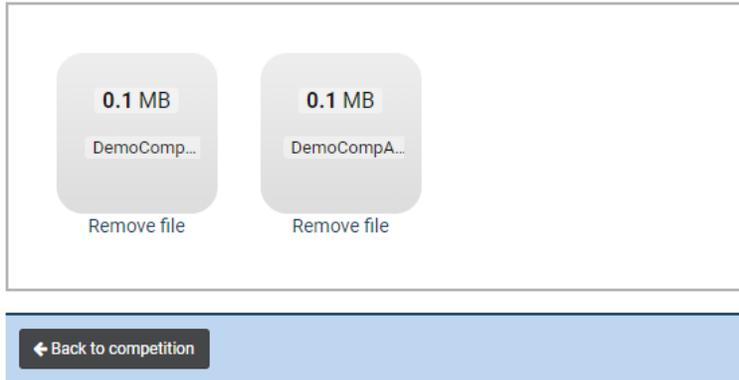
Permissions [Edit](#)

The screenshot shows the SoaringSpot admin interface on the left and a Windows File Explorer window on the right. The browser window displays the 'Scoring Guide' page for a competition in Lasham, United Kingdom, from January 1-8, 2020. The 'Competition files' section is empty, with a message: 'Drop airspace and waypoint file here. Only *.cup, *.cup, *.txt (OpenA... accepted.' Below this is a '+ Copy' button and a 'Back to competition' button. The footer includes 'ABOUT PRIVACY POLICY' and '© 2000 – 2019 Naviter, d.o.o.' The File Explorer window shows the 'Comps 2019' folder on the Desktop, containing a 'Traces' folder and two files: 'DemoCompAirspace.txt' and 'DemoCompWaypoints.CUP', both dated 26/01/2019 11:56.

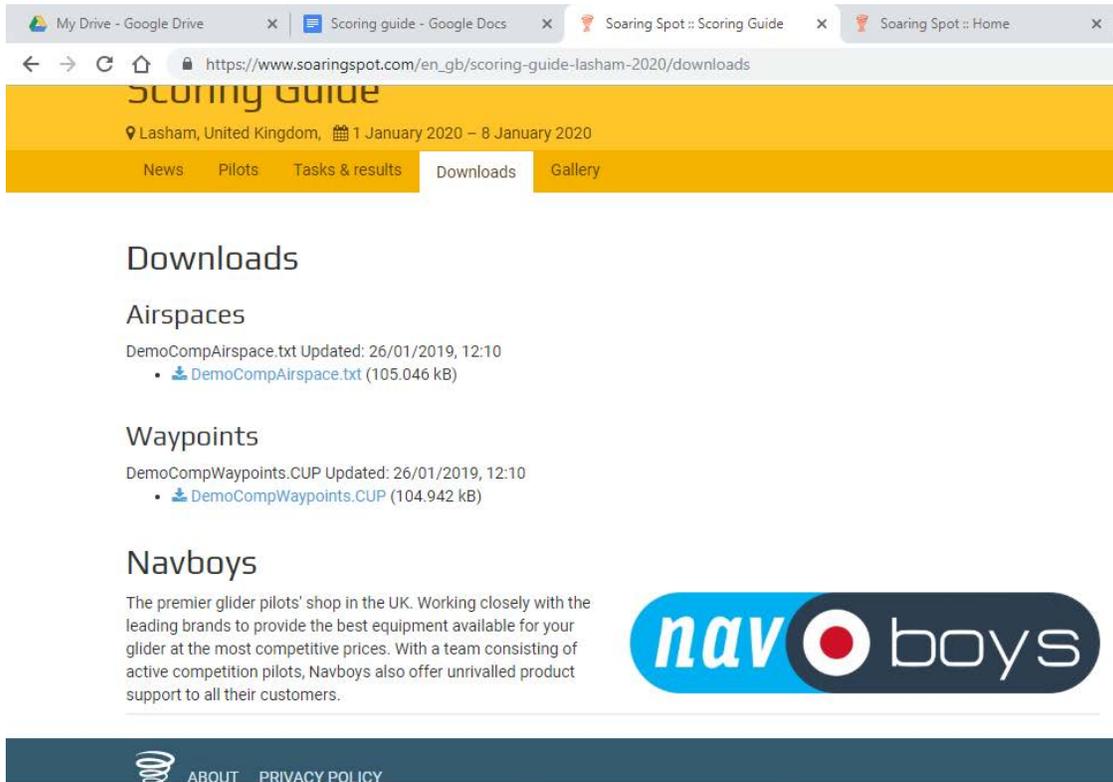
Scoring Guide

Lasham, United Kingdom, 1 January 2020 – 8 January 2020

Competition files



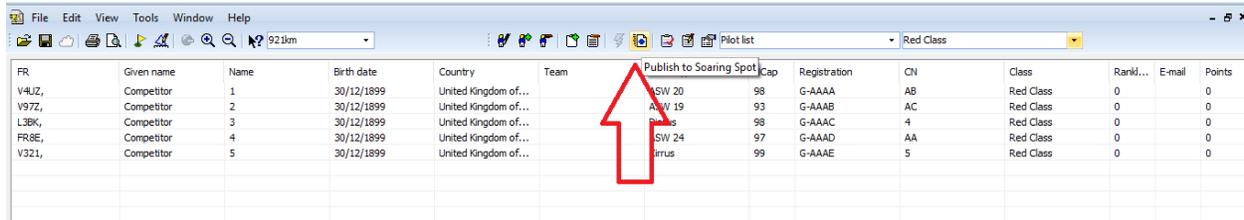
You will now be able to find the files on the downloads page of your competition on soaring spot



Note - Upload to Soaring Spot

1.7.2 Converting files to all required formats

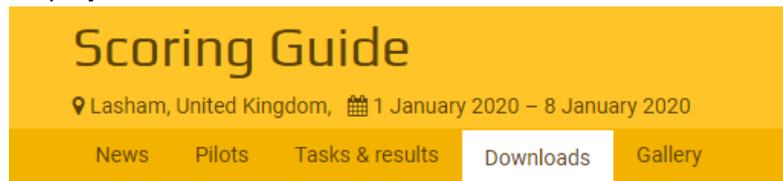
In order to convert the files to all of the required formats you have to click the upload to soaringspot system in SeeYou:



FR	Given name	Name	Birth date	Country	Team	Cap	Registration	CN	Class	Rank...	E-mail	Points
V4UZ,	Competitor	1	30/12/1899	United Kingdom of...		SW 20	98	G-AAAA	AB	Red Class	0	0
V97Z,	Competitor	2	30/12/1899	United Kingdom of...		SW 19	93	G-AAAB	AC	Red Class	0	0
L3BK,	Competitor	3	30/12/1899	United Kingdom of...		SW 23	98	G-AAAC	4	Red Class	0	0
FR8E,	Competitor	4	30/12/1899	United Kingdom of...		SW 24	97	G-AAAD	AA	Red Class	0	0
V321,	Competitor	5	30/12/1899	United Kingdom of...		SW 25	99	G-AAAE	5	Red Class	0	0

This runs the script on the Soaring Spot website to convert the files.

They should now display all of the files converted like this:



Scoring Guide

Lasham, United Kingdom, 1 January 2020 – 8 January 2020

News Pilots Tasks & results Downloads Gallery

Downloads

Airspaces

DemoCompAirspace.txt Updated: 26/01/2019, 12:10

- [DemoCompAirspace.txt](#) (105.046 kB)
- [DemoCompAirspace.cub](#) (256.194 kB)

Waypoints

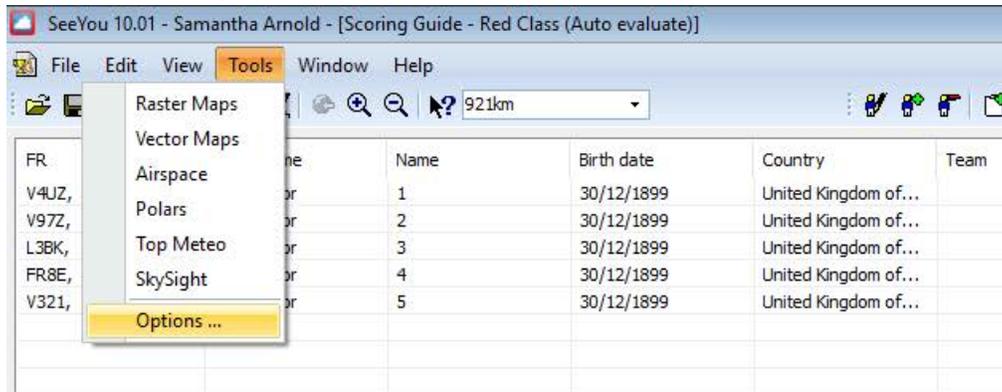
DemoCompWaypoints.CUP Updated: 26/01/2019, 12:10

- [DemoCompWaypoints.CUP](#) (104.942 kB)
- [DemoCompWaypoints_lxnavigation.da4](#) (24.902 kB)
- [DemoCompWaypoints_ilec.ndb](#) (75.017 kB)
- [DemoCompWaypoints_zander.wpz](#) (26.551 kB)
- [DemoCompWaypoints_winpilot.dat](#) (86.02 kB)
- [DemoCompWaypoints_volslogger.dbt](#) (14.759 kB)
- [DemoCompWaypoints_garmin.gpx](#) (158.5 kB)

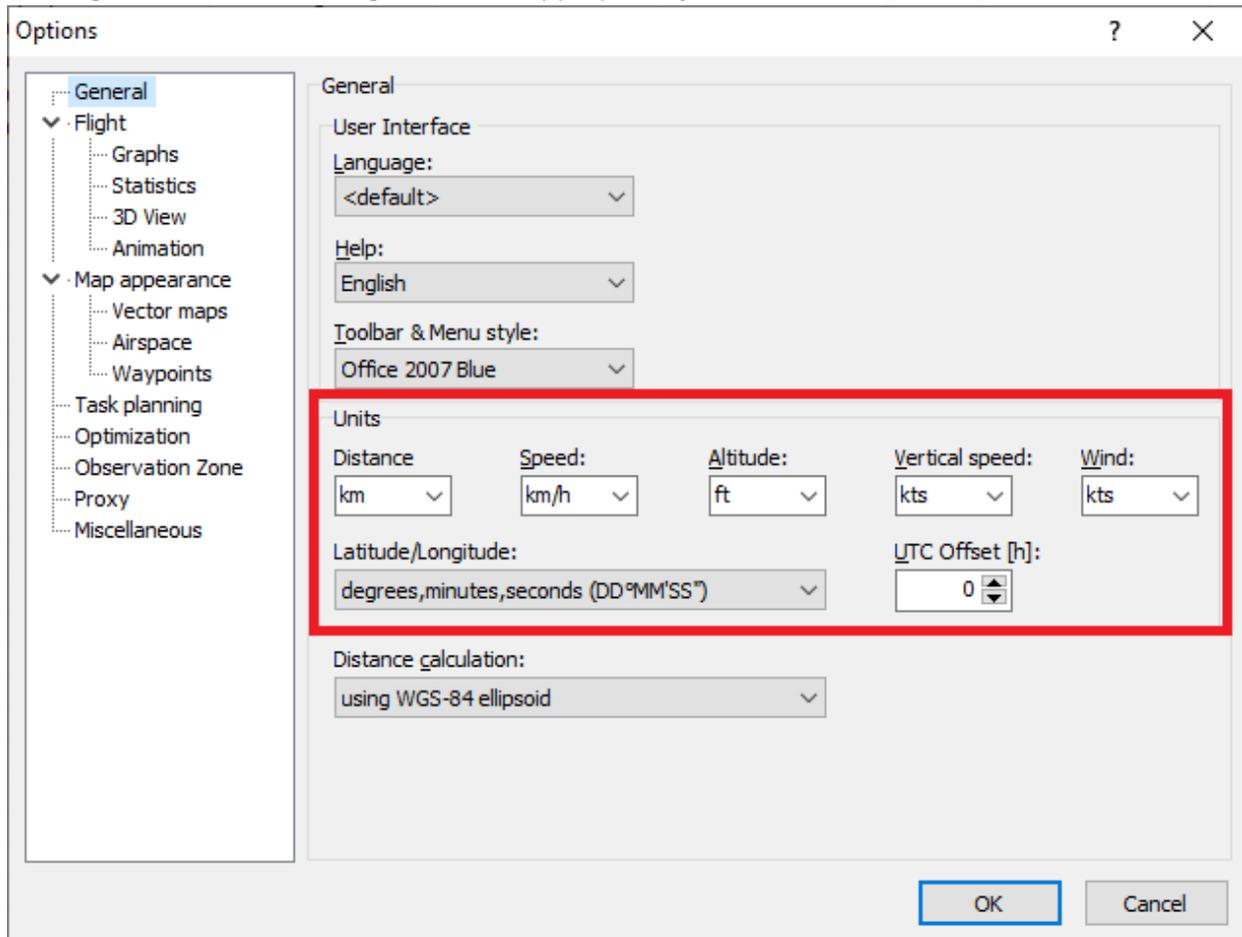
1.8 Setting up SeeYou Settings

First you need to check that SeeYou is set up correctly in regards to units etc.

Go into tools and select options:

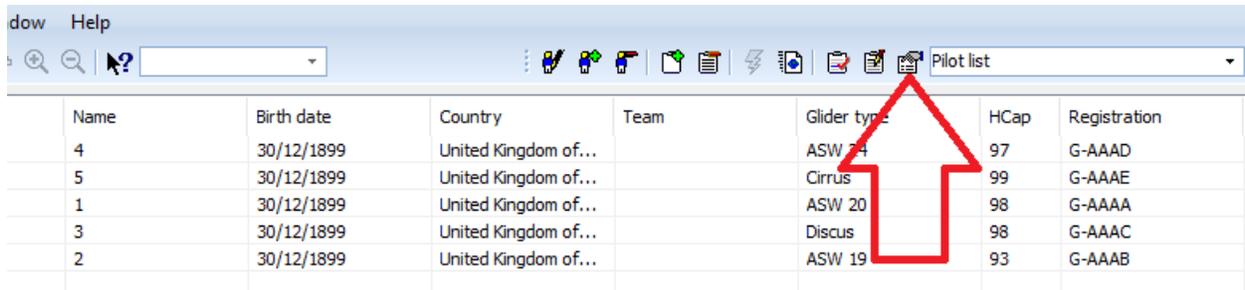


In the general section, change the units appropriately:



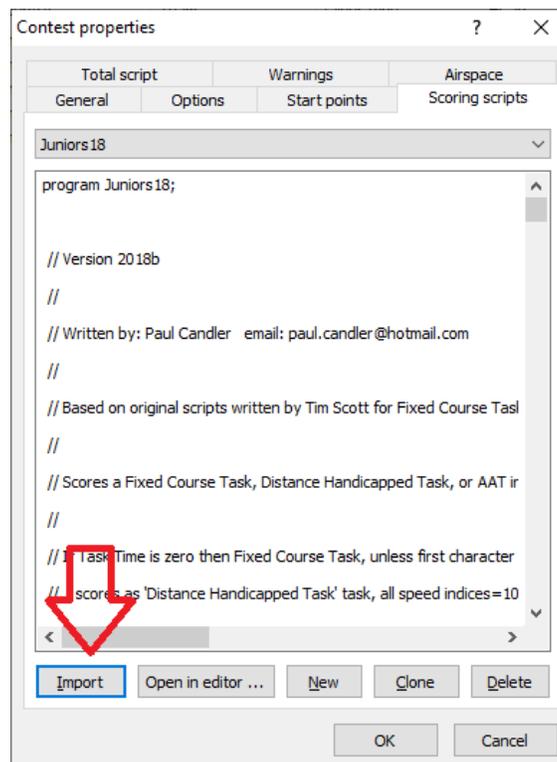
1.9 Uploading a scoring script

Set up your scoring script following the scoring script guide and upload it to the competition using the contest properties window:

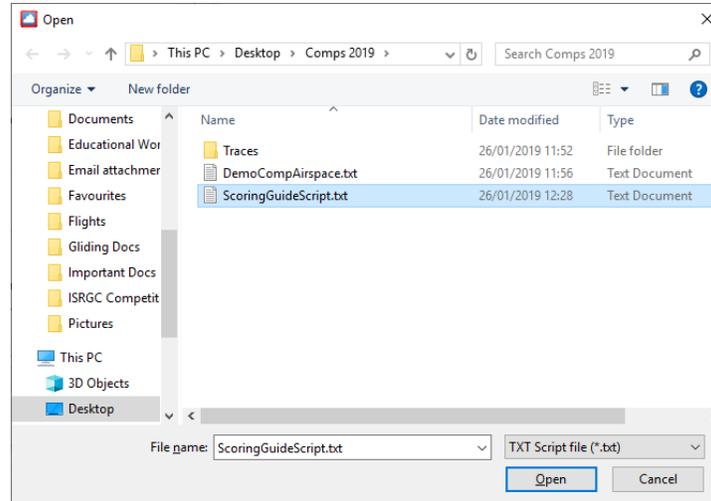


	Name	Birth date	Country	Team	Glider type	HCap	Registration
	4	30/12/1899	United Kingdom of...		ASW 24	97	G-AAAD
	5	30/12/1899	United Kingdom of...		Cirrus	99	G-AAAE
	1	30/12/1899	United Kingdom of...		ASW 20	98	G-AAAA
	3	30/12/1899	United Kingdom of...		Discus	98	G-AAAC
	2	30/12/1899	United Kingdom of...		ASW 19	93	G-AAAB

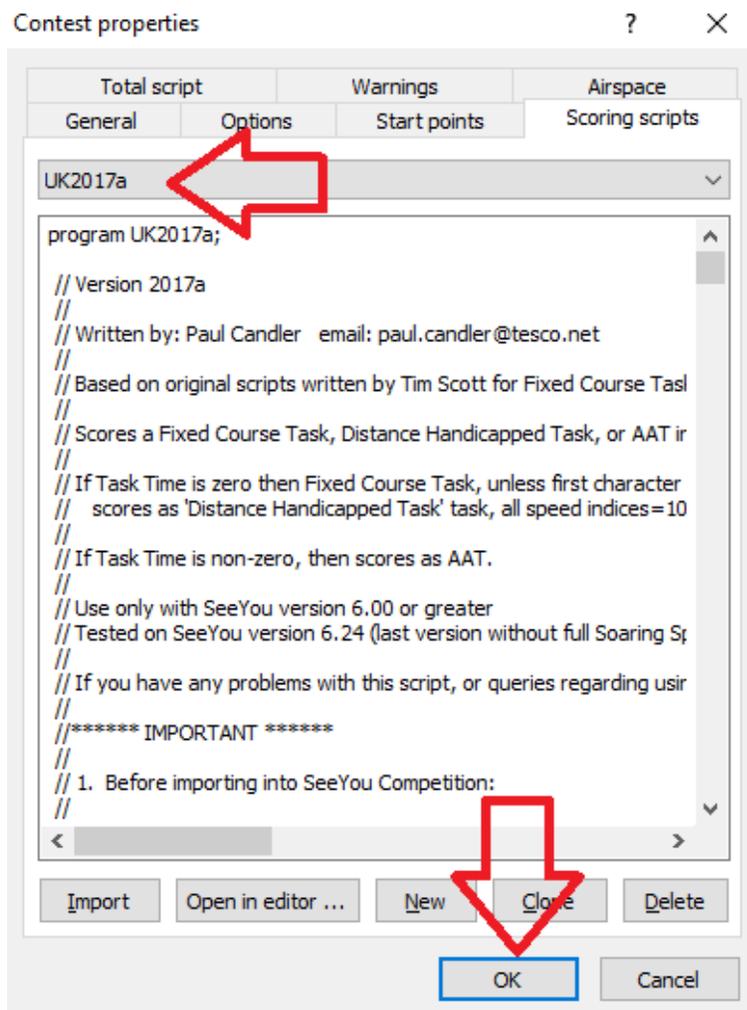
Click on the Scoring Scripts Tab



Select the correct scoring script that you have created for the competition using the scoring script creator guide (Annex-C).



Once you have clicked open and have checked the script is in the list (using the drop down), you can click 'Ok' in the contest properties box.

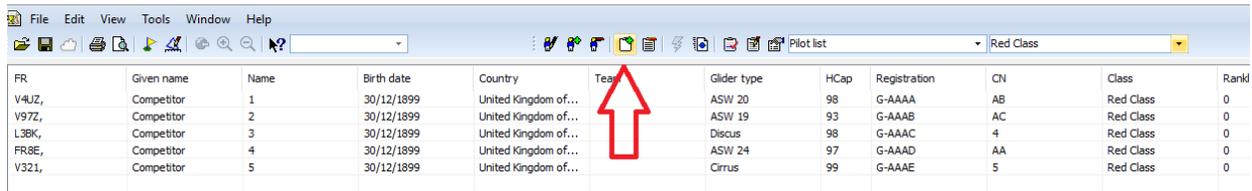


Your competition is now set up, hopefully this has all happened the evening before the competition starts, go and enjoy a cold adult beverage.

Part 2 Each Competition Day

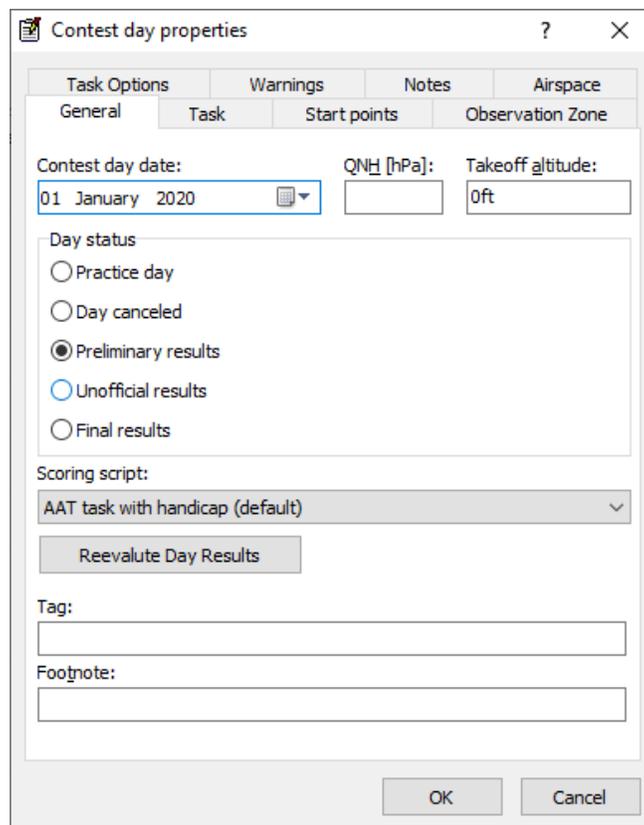
2.1 Setting up a Day in SeeYou

Click the 'Add Day' button



FR	Given name	Name	Birth date	Country	Team	Glider type	HCap	Registration	CN	Class	Rank
V4LJZ,	Competitor	1	30/12/1899	United Kingdom of...		ASW 20	98	G-AAAA	AB	Red Class	0
V97Z,	Competitor	2	30/12/1899	United Kingdom of...		ASW 19	93	G-AAAB	AC	Red Class	0
L3BK,	Competitor	3	30/12/1899	United Kingdom of...		Discus	98	G-AAAC	4	Red Class	0
FR8E,	Competitor	4	30/12/1899	United Kingdom of...		ASW 24	97	G-AAAD	AA	Red Class	0
V321,	Competitor	5	30/12/1899	United Kingdom of...		Cirrus	99	G-AAAE	5	Red Class	0

When you set up the contest day it will open the contest day properties window



Contest day properties

Task Options | Warnings | Notes | Airspace

General | Task | Start points | Observation Zone

Contest day date: 01 January 2020 | QNH [hPa]: | Takeoff altitude: 0ft

Day status

Practice day

Day canceled

Preliminary results

Unofficial results

Final results

Scoring script:

AAT task with handicap (default)

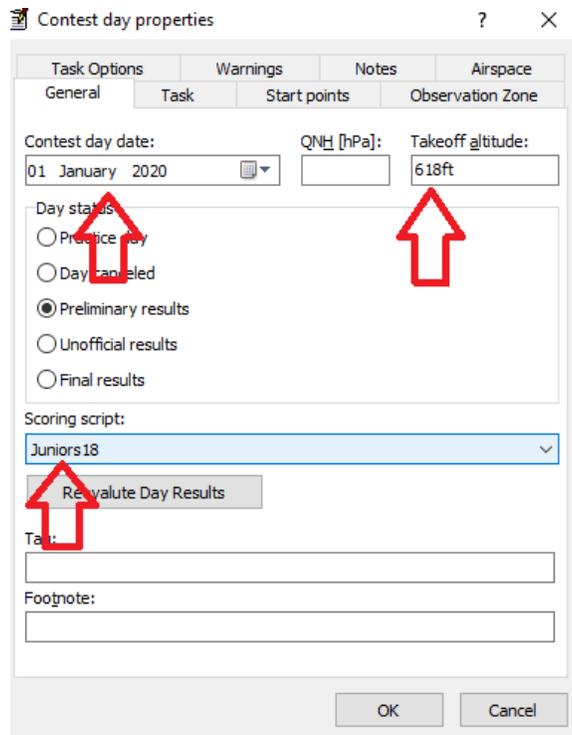
Reevaluate Day Results

Tag:

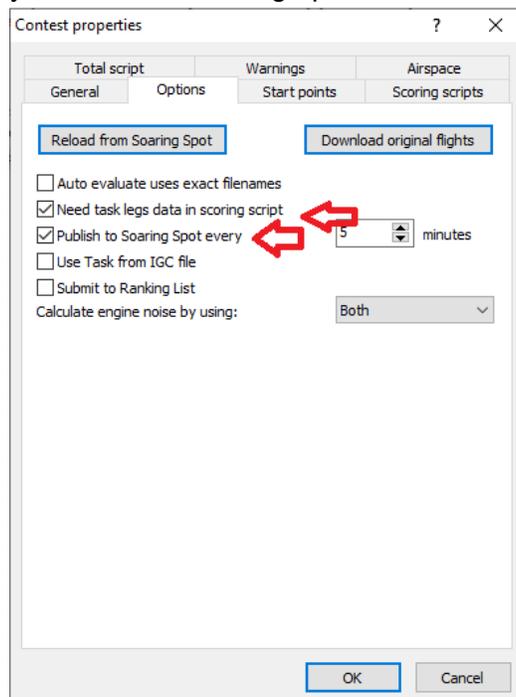
Footnote:

OK Cancel

Ensure that the following fields are correct:

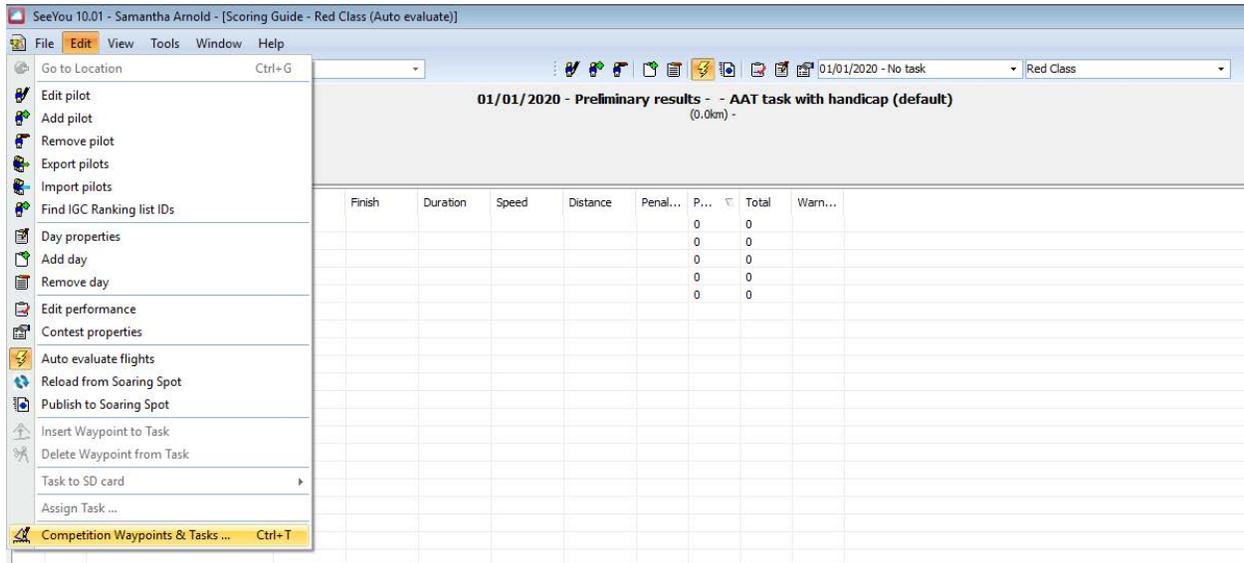


Set the correct options to make the scoring script to work as written in the header of the scoring script file. The BGA scoring scripts require certain options to be selected in order for SeeYou to calculate the scores correctly, select the following options;



2.2 Adding a task

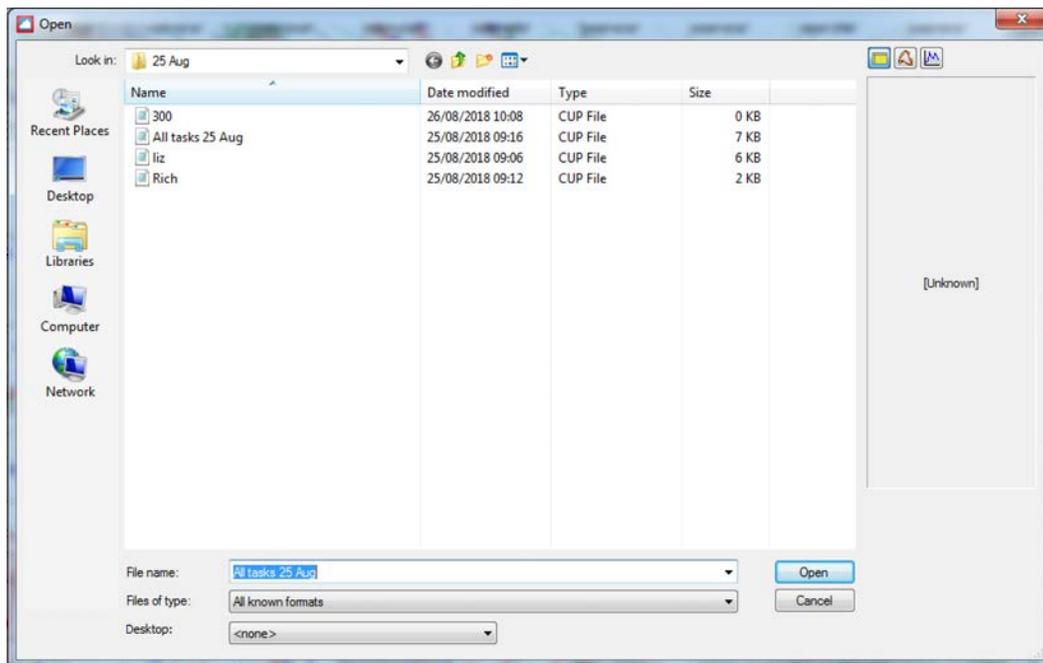
Go into the edit tab on the top left of SeeYou and select Competition Waypoints & Tasks:



Your Task setter may send you the tasks in a cup file. This file can be opened in SeeYou and added to the competition waypoint and task window.

2.2.1 Entering task from a cup file

When in the competition waypoints and task window select file/open and select the cup file that contains the task.



Add the cup file to the active window (competition waypoints and tasks) by opening the file in seeyou, when the file loads it will present you with the following list of options.



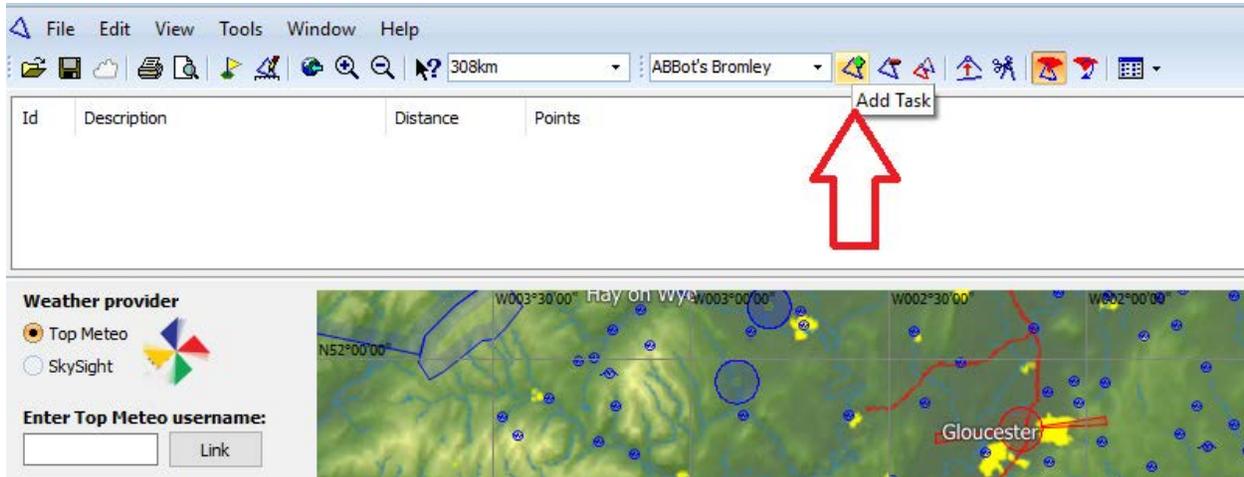
The task will now display on your list of competition waypoints and tasks.

Id	Description	Distance	Points
0	21 Aug Blue A	259.6km	CAC-Candover Church, NOS-Northampton South, BLY-Bletchley, WAnTage, BGW-Basingstoke West, ARP-Airfield Reference Point
1	21 Aug Juniors A	258.8km	LA6-Lasham Start North, TOWwcester, BOZeal, DIDcot, BGW-Basingstoke West, ARP-Airfield Reference Point
2	21 Aug Red A	328.0km	BASingstoke, TOWwcester, ACB-Alconbury, WAnTage, BGW-Basingstoke West, ARP-Airfield Reference Point
3	23 Aug Blue C	190.6km	LASham Finish North, OGBourne, DIDcot, SHL-Salt Hill Mast, LA9-Lasham Aylesfield House, ARP-Airfield Reference Point
4	23 Aug Juniors C	187.1km	LA5-Lasham West, OGBourne, DIDcot, SHL-Salt Hill Mast, LA9-Lasham Aylesfield House, ARP-Airfield Reference Point

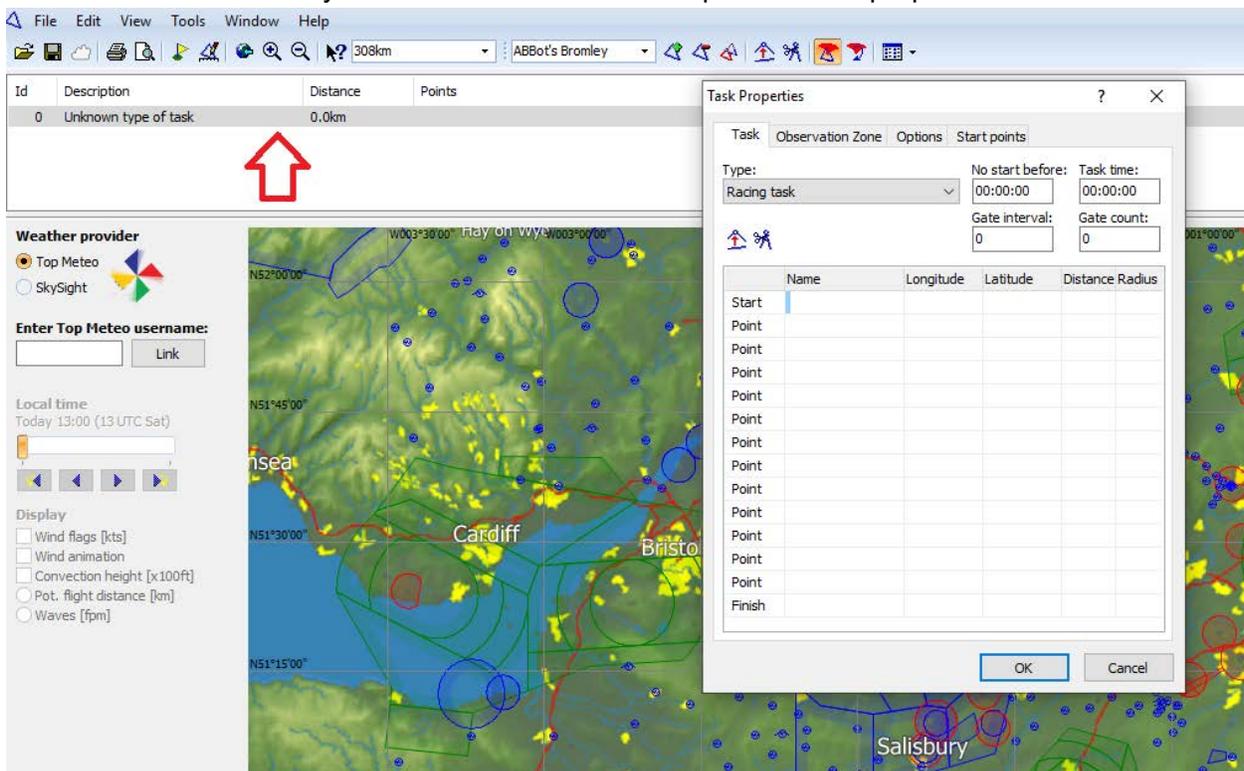
2.2.2 Entering the task manually

You can also create the task manually using the steps below.

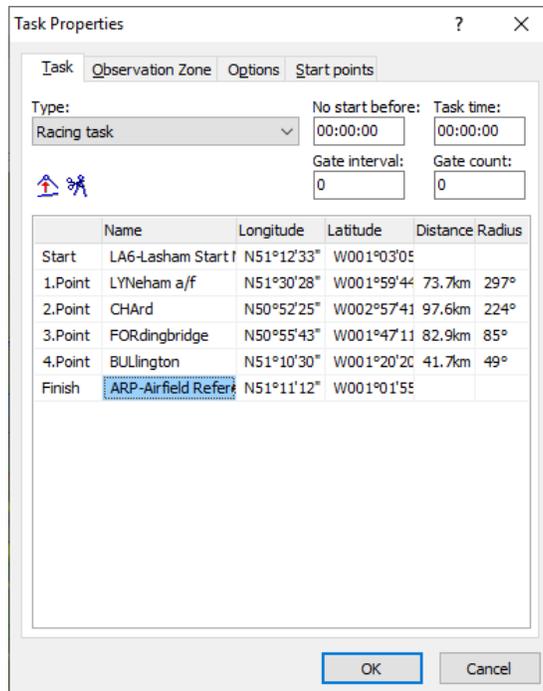
Press the “Add Task” button



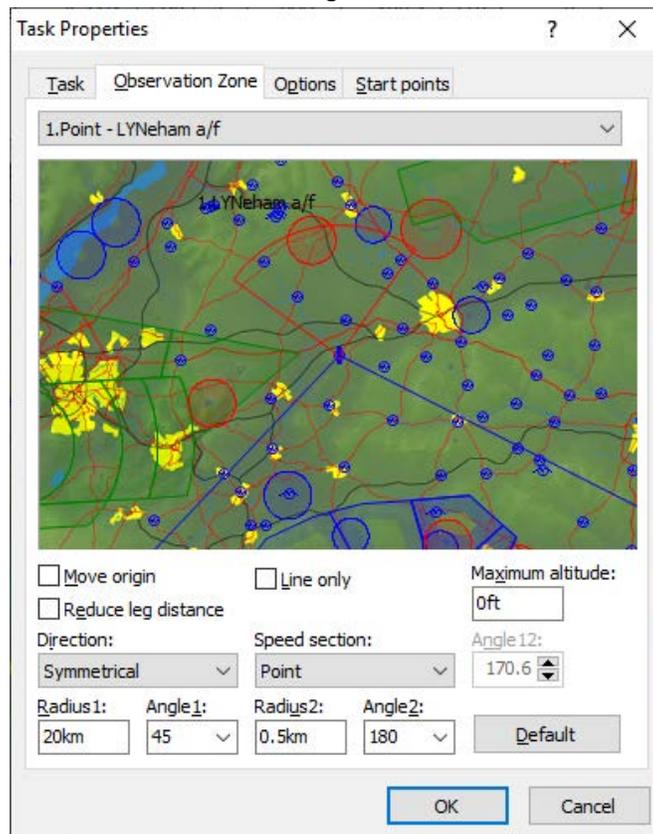
Double click on the task you have created which will open the task properties window



Input the task using waypoints.

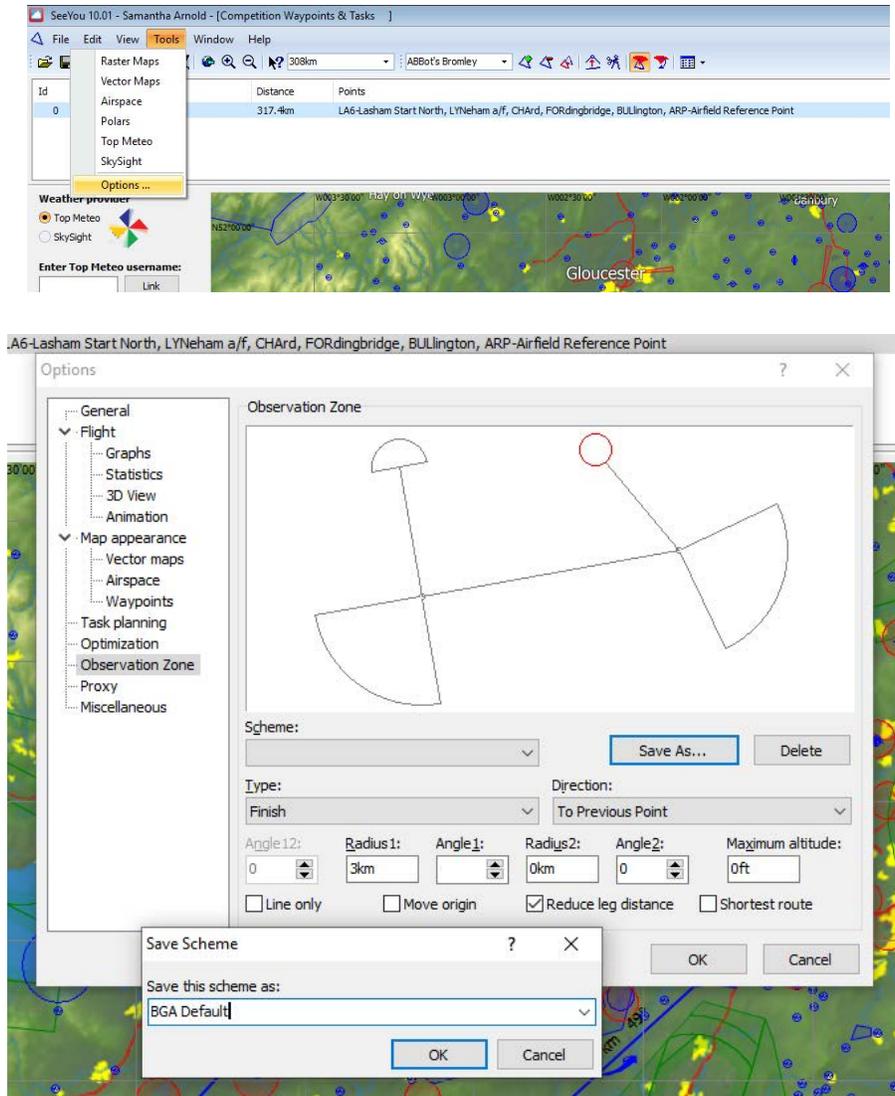


Now correct the observation zone options to whatever is in use for the competition day. To set default observation zones, refer to “2.2.3 Setting default observation zones”



2.2.3. Setting default observation zones

Set defaults by going to the options window on the tools menu, you can then enter the required defaults for Start, Turnpoint and Finish zones.



Once you are happy that the task information is correct, you can assign the task to the day.

2.2.4 Naming Tasks

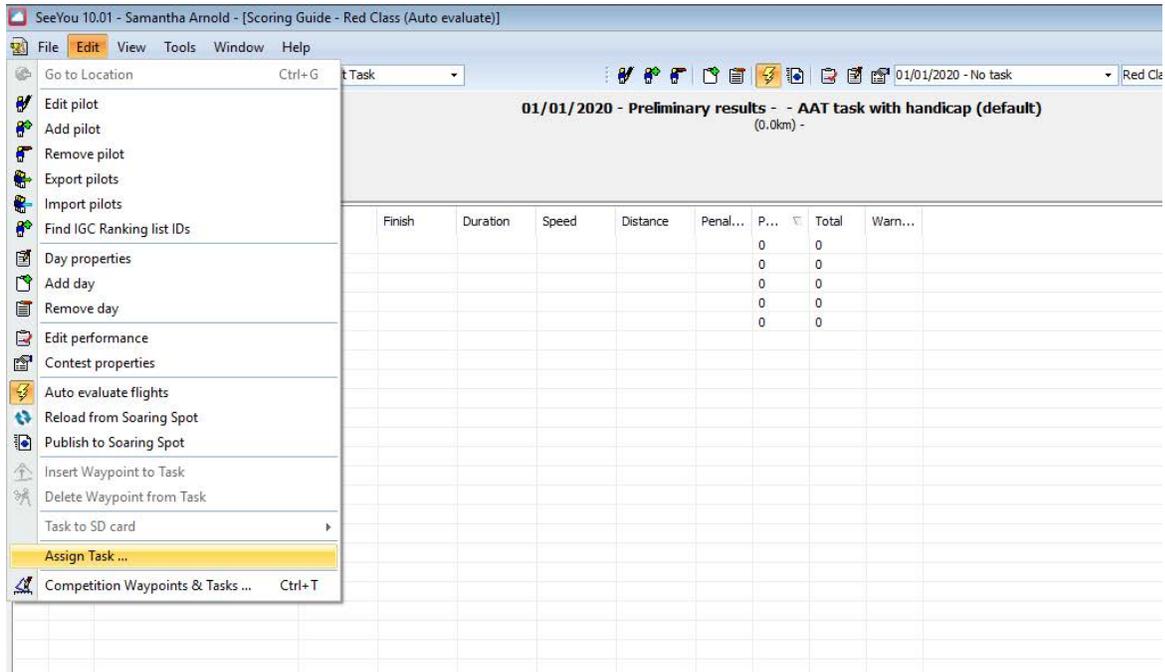
It is sensible to name your tasks sensibly so that they are easy to find.

A suggested format is: DATECLASSTASK

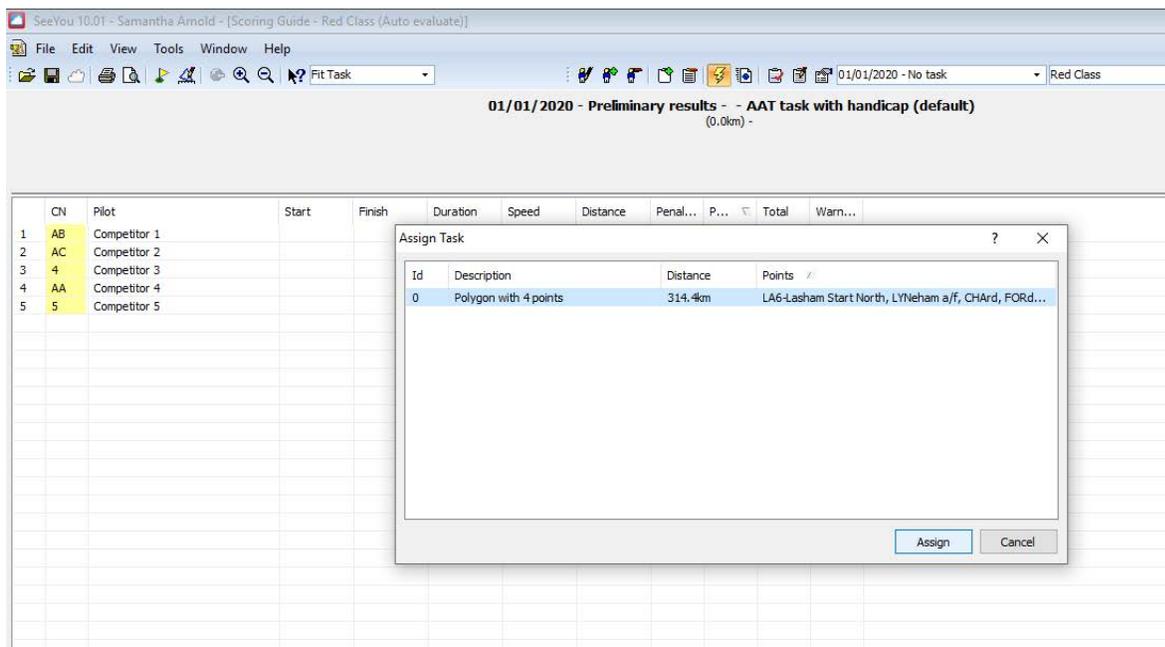
For example, the A task for the red class on day 1 for this competition would be
"01JanREDTaskA"

2.3 Assigning the task to the day

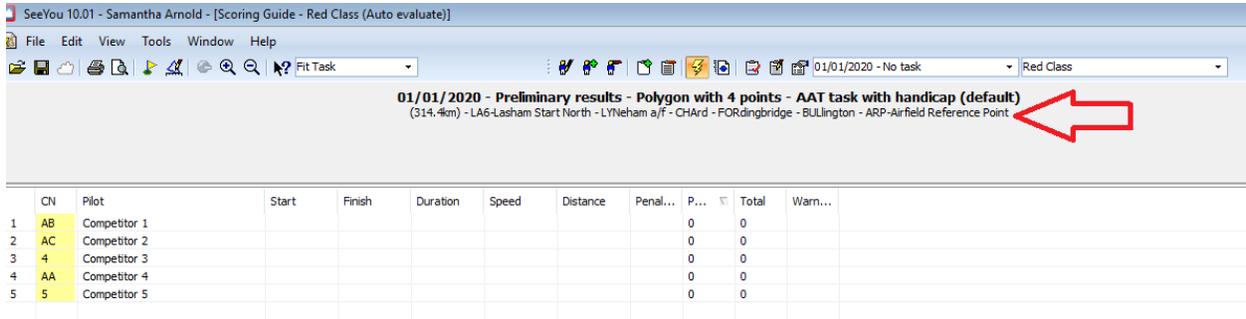
In the day window select edit/assign task



This will then show you a list of all the tasks available on your competition waypoints and tasks list. You can select the right task for the day and assign it.

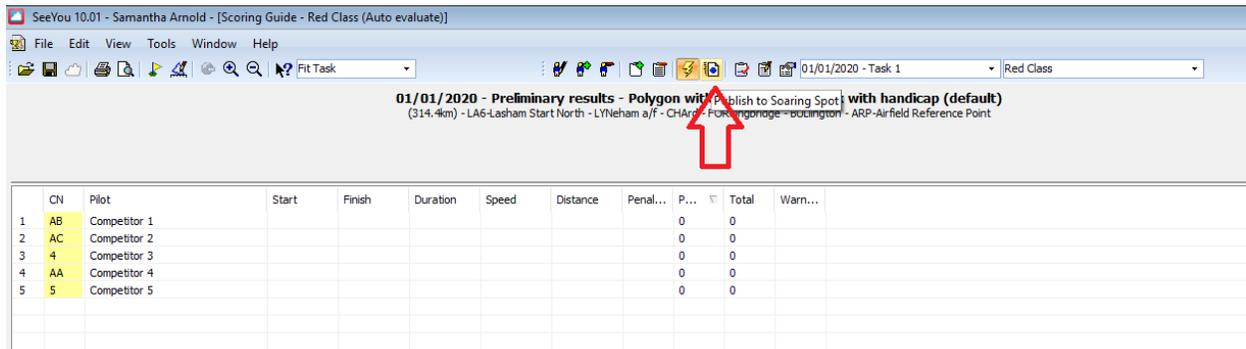


You can see it has assigned as you will see the task under the name of the day:

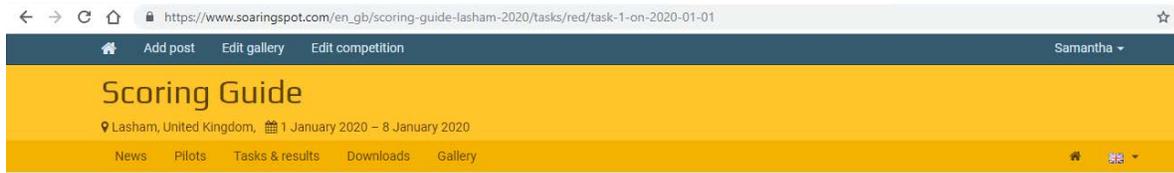


Note - Upload to Soaring Spot

Then click upload to soaring spot. This will sync the task information to the Soaring Spot website and anyone who is using oudie live will automatically be able to download the task information.



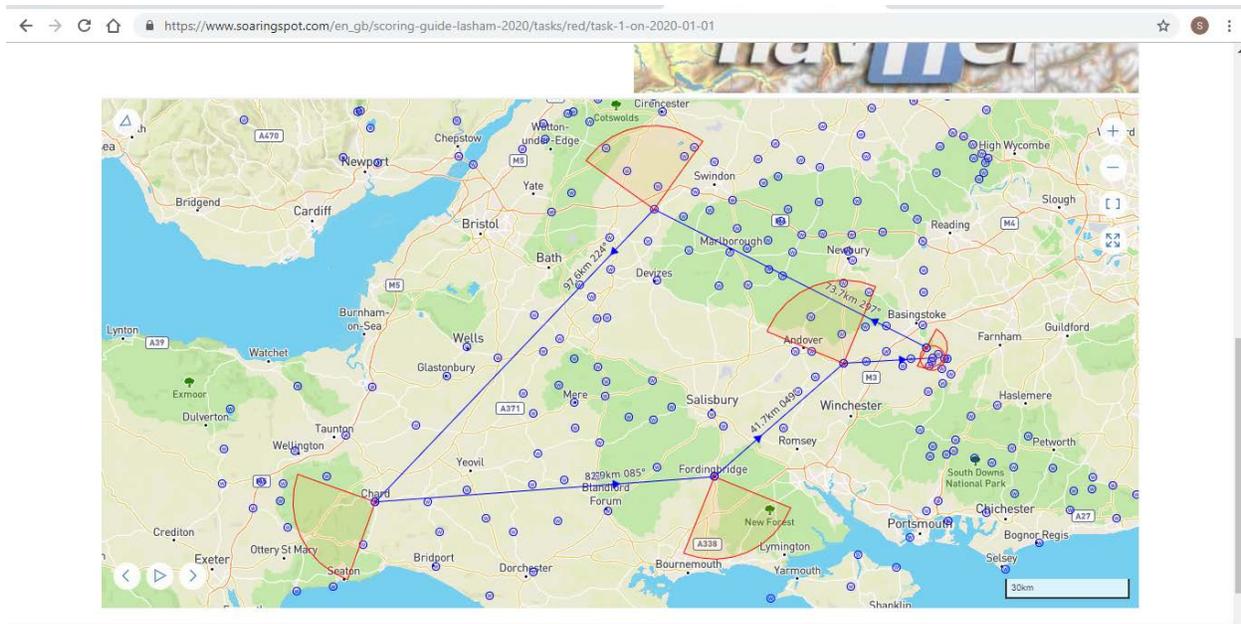
You can check that it has uploaded to Soaring Spot:



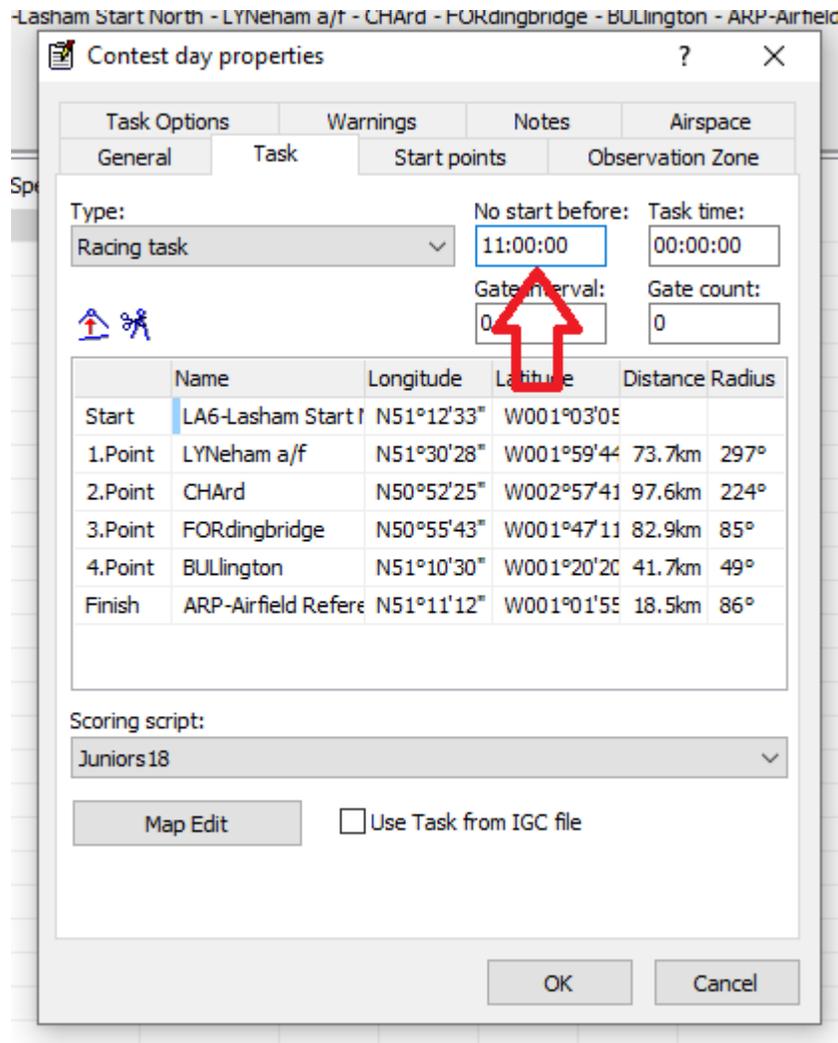
Task 1, Red Class, 1 January 2020

Turnpoint	Distance	Direction	Observation zone
LA6-Lasham Start North	2.84 km	151.7°	Next, R=5.00 km, Angle=90.0°
LYNeham a/f	73.68 km	297.2°	Symmetric, Rmin=0.50 km, Rmax=20.00 km, Angle=90.0°, Cylinder R=0.50 km
CHArd	97.64 km	224.1°	Symmetric, Rmin=0.50 km, Rmax=20.00 km, Angle=90.0°, Cylinder R=0.50 km
FORdingbridge	82.87 km	85.3°	Symmetric, Rmin=0.50 km, Rmax=20.00 km, Angle=90.0°, Cylinder R=0.50 km
BULLington	41.69 km	48.7°	Symmetric, Rmin=0.50 km, Rmax=20.00 km, Angle=90.0°, Cylinder R=0.50 km
ARP-Airfield Reference Point	18.50 km	86.5°	Cylinder R=3.00 km
Total:	314.38 km		

It is also worth checking that the map looks like what is expected:

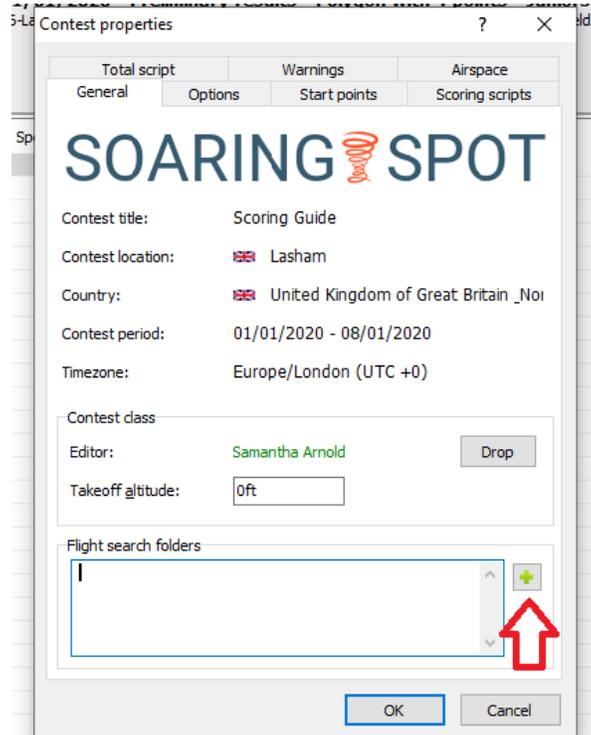


Once the start gate has opened you can enter the start gate open time into the contest day window. This is important for SeeYou ignoring the pilots passing through the start line before the line has opened.

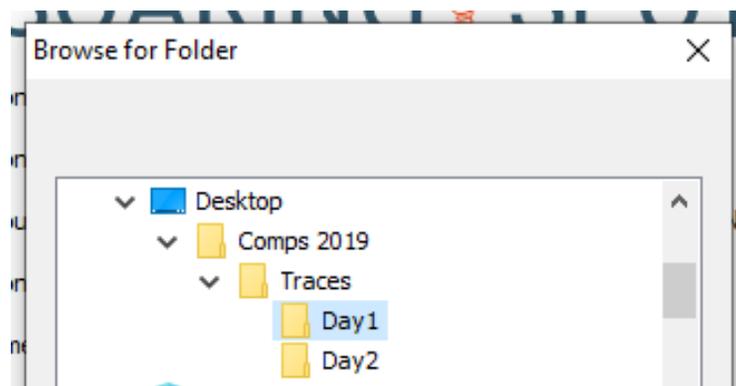


2.4 Processing Traces

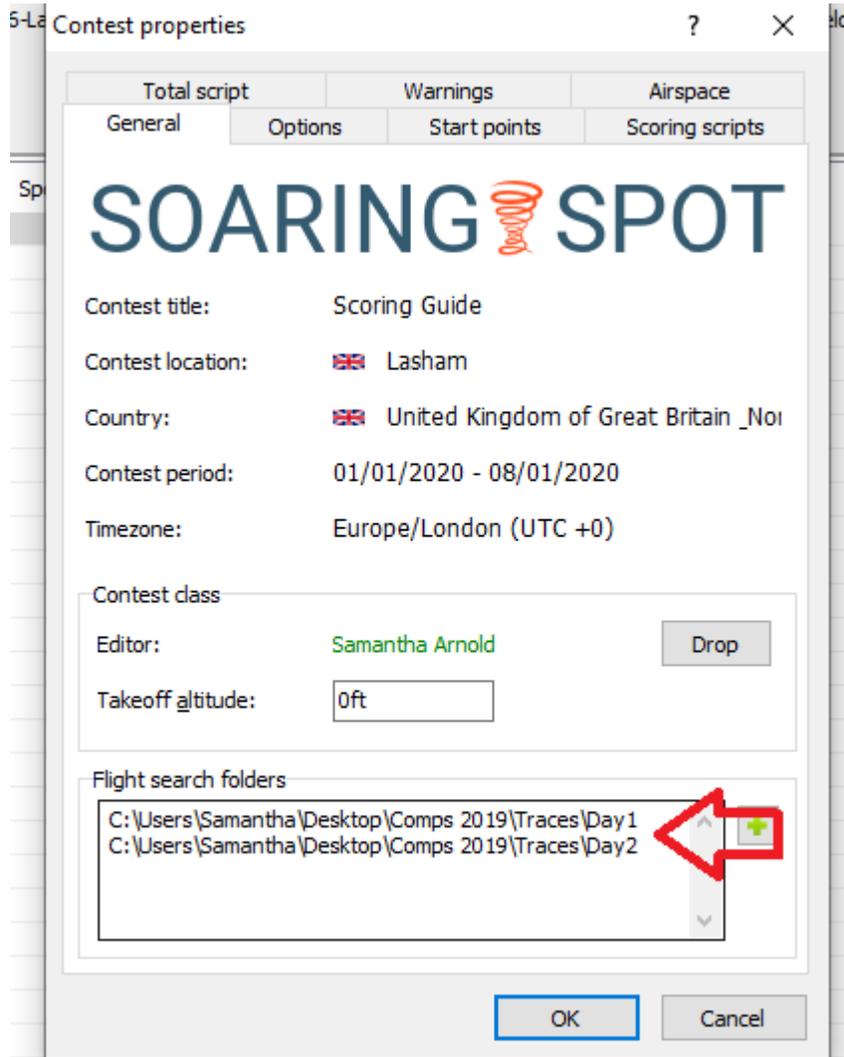
You need to tell SeeYou where to find the traces, in the contest properties window click the + symbol to add a folder that SeeYou will look at:



Select the folder for the day:



SeeYou will now continuously check that folder for traces that match any of the logger ID's that you have entered in the pilot list.



SeeYou will then automatically select the traces and score them.

25/08/2018 - Preliminary results - Polygon with 4 points - Juniors18										
(314.4km) - LAG-Lasham Start North - LYNeHam a/f - CHard - FORdingbridge - BULLington - ARP-Airfield Reference Point										
Junior Nationals / Fixed Course Task, Wind not set or format incorrect										
Y distance = 120.0 km										
Day Speed Points = 667, Day Distance Points = 333										
CN	Pilot	Start	Finish	Duration	Speed	Distance	Penal...	P...	Total	Warning
1	AC Competitor 2	12:18:30	16:05:52	03:47:22	89.2km/h	338.0km		1000	1000	Airspace violation found
2	AA Competitor 4	12:17:53	16:07:05	03:49:12	84.8km/h	324.1km		902	902	Airspace violation found
3	4 Competitor 3	12:19:00	16:07:04	03:48:04	84.4km/h	320.8km		892	892	Airspace violation found
4	AB Competitor 1	12:18:31	16:07:37	03:49:06	84.0km/h	320.8km		884	884	Airspace violation found
5	5 Competitor 5	12:05:56	15:55:19	03:49:23	83.1km/h	317.6km		862	862	

2.5 Contest Wind

These results are preliminary but not yet correct. The bga scoring script requires you to input a contest wind in order to windicap the results of a handicapped competition. Information on how to do this is printed at the top of the scoring script.

25/08/2018 - Preliminary results - Polygon with 4 points - Juniors18
(314.4km) - LA6-Lasham Start North - LYNeHam a/f - CHArd - FORdingbridge - BULLington - ARP-Airfield Reference Point
Junior Nationals / Fixed Course Task, Wind not set or format incorrect
Y distance = 120.0 km
Day Speed Points = 667, Day Distance Points = 333

To find the contest wind, average several traces from the day to find what wind different competitors experienced. You do this by clicking on the competitors flight:

Day performance

Pilot
Competitor 2 - 25/08/2018 (V97Z)
88P188P_AC.icc Browse

Performance

Flight evaluated manually Show online Reset

Take off 11:16:19 Soaring begin 11:19:42 Soaring end 16:07:33 Recalculate

Start 12:18:30 Finish 16:05:52

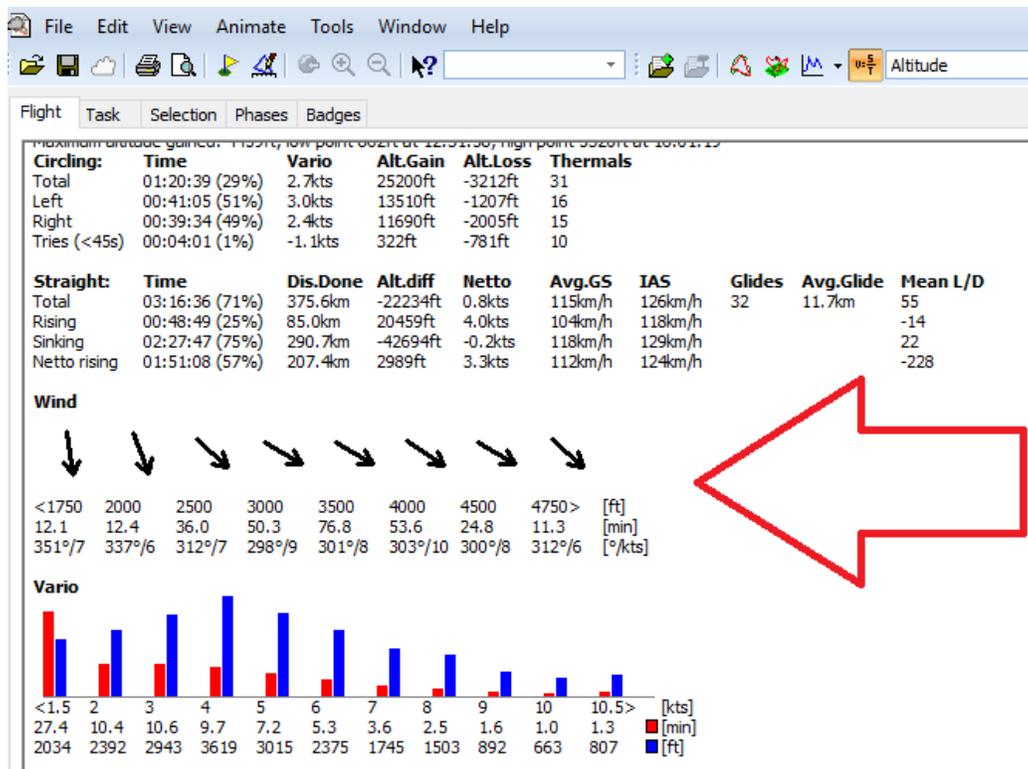
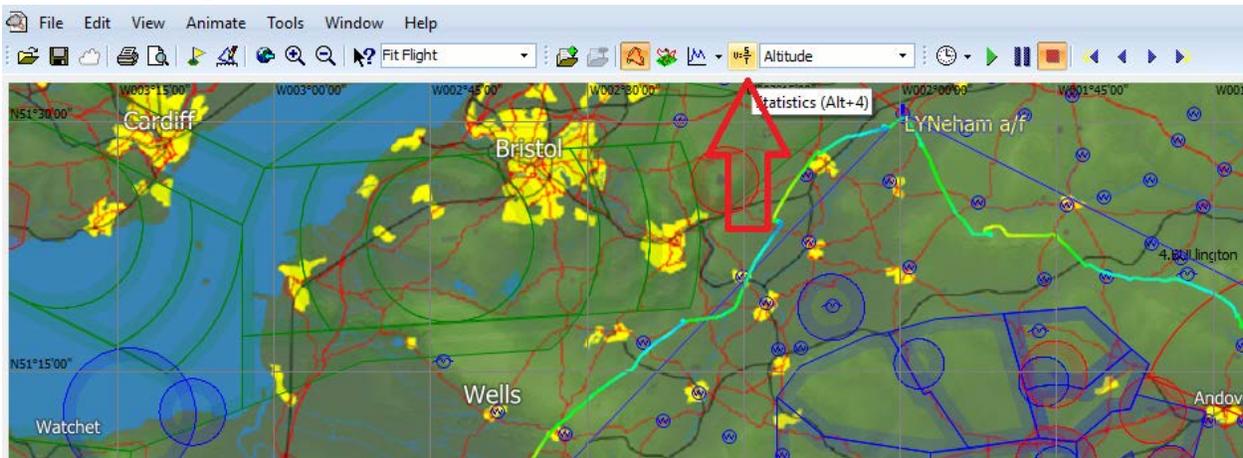
Speed 89.21km/h Distance 338.04km

Comments Penalty 0 Points 1000

Start points

View Flight View Raw OK Cancel

Click on view flight, open the statistics view and scroll down to see the wind.

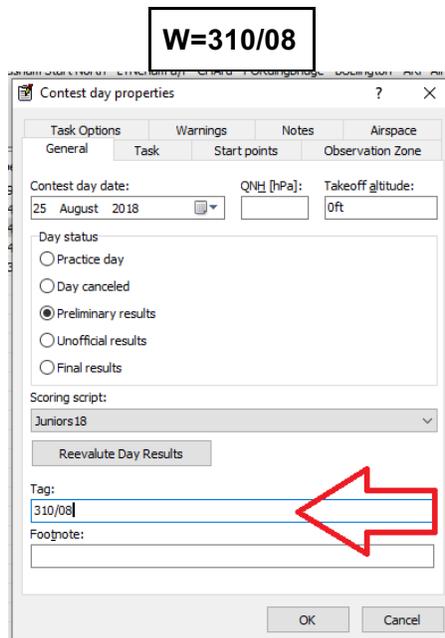


Use the wind calculating spreadsheet to average this data. This is available to download from www.benedictsmith.co.uk/gliding/contestwindcalc.xlsx

See the screenshot below which has taken data for 3 contestants at their most common height bands and calculated the contest wind for the day as 310/08

	A	B	C	D	E	F	G	H	I	J	K	L
1		2000		3000		4000		5000		Average		
2	Contestants	Direction	Strength									
3	1	337	6	298	9	303	10	312	6	313	8	
4	2	312	9	297	8	304	9	312	5	306	8	
5	3	338	5	298	9	301	8	304	6	310	7	
6	4											
7	5											
8	6											
9	7											
10	8											
11	Average	329	7	298	9	303	9	309	6	310	8	
12												
13												

You enter this calculated wind into the day properties window Tag:
Contest Wind must now be entered in the form "W=ddd/ss"



You will then need to hit the "Reevaluate Day Results" (notice the incorrect spelling in the software) button to apply this change.

2.51 Other uses of the Tag Box

Withdrawn Pilots

If any pilots have withdrawn, the number withdrawn is entered in the form "Nw=n" where n is the number of withdrawn pilots, either before or after the Contest Wind, using a semicolon as a separator.

e.g. "W=270/12;Nw=2" or "Nw=2;W=270/12" (W and Nw are not case-sensitive)

Distance Handicapped Tasks

For Distance Handicapped Tasks, the Handicapped Distance must be entered instead of the Contest Wind, in the form "H=ddd.d"

2.6 Checking a trace

You need to check several things on a trace to ensure that the competitor has successfully completed a task. You might want to make use of a paper check sheet or online form (in robocontrol) to keep track of all of these checks. The format of this is something similar to this example below.

DATE:

Scoring Check

Class	CN	MOP Time	ENL/MOP/P	Check	Airspace	Start time
15	CN	: :	PURE			
15	CN	: :	PURE			
15	CN	: :	MOP			
15	CN	: :	PURE			
15	CN	: :	ENL			
15	ΔX	. .	PURE			

You can check Engine Noise Level (ENL) and Airspace infringements in the warning dialogue in the bottom of the day window.

The screenshot shows a software window titled "25/08/2018 - Preliminary results - Polygon with 4 points - Juniors18". It displays a table of flight results and a warning log at the bottom. A red arrow points to the warning log section.

CN	Pilot	Start	Finish	Duration	Speed	Distance	Penal...	P...	Total	Warning
1	AC Competitor 2	12:18:30	16:05:52	03:47:22	91.4km/h	346.3km		1000	1000	Airspace violation found
2	AA Competitor 4	12:17:53	16:07:05	03:49:12	86.8km/h	331.5km		899	899	Airspace violation found
3	4 Competitor 3	12:19:00	16:07:04	03:48:04	86.3km/h	328.0km		888	888	Airspace violation found
4	AB Competitor 1	12:18:31	16:07:37	03:49:06	85.9km/h	328.0km		880	880	Airspace violation found
5	5 Competitor 5	12:05:56	15:55:19	03:49:23	84.9km/h	324.6km		858	858	

Warning Log:

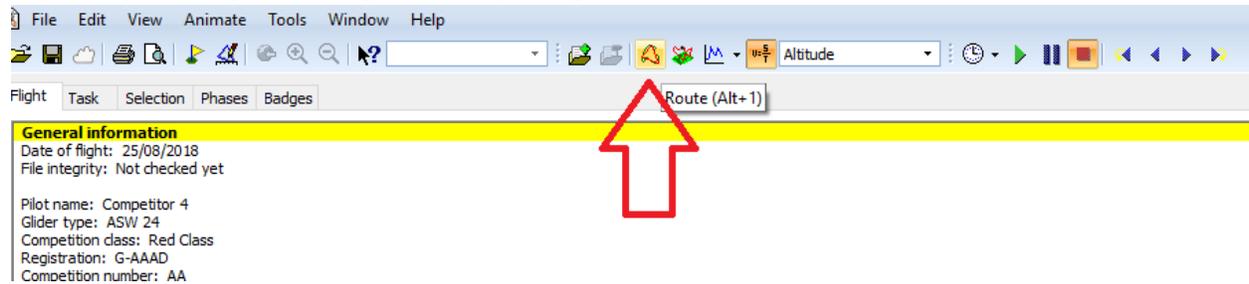
- 14:22:15: Entering Control zone
Class D MERRYFIELD ATZ at 1047ft.
- 14:26:37: Leaving Control zone
Class D MERRYFIELD ATZ at 1791ft.
- 14:26:49: Entering Control zone
Class D MERRYFIELD ATZ at 1837ft.
- 14:27:03: Leaving Control zone
Class D MERRYFIELD ATZ at 1926ft.
- 14:27:23: Entering Control zone
Class D MERRYFIELD ATZ at 2028ft.
- 14:27:29: Leaving Control zone
Class D MERRYFIELD ATZ at 2051ft.
- 14:31:43: Entering Control zone
Class D MERRYFIELD ATZ at 2133ft.
- 14:31:53: Leaving Control zone
Class D MERRYFIELD ATZ at 2100ft.

2.6.1 Airspace Infringements

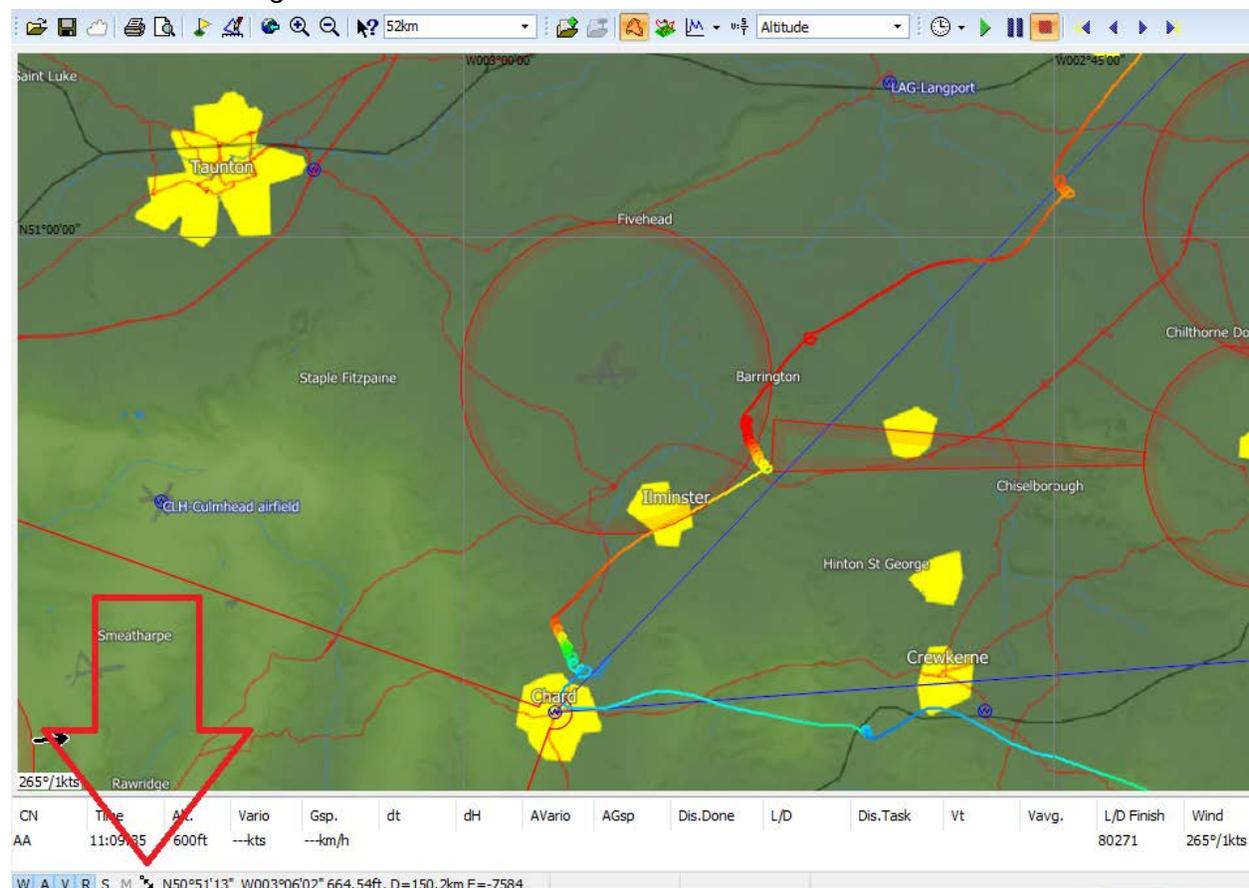
Check whether any of the “Airspace infringements” that SeeYou has found are into penalty airspace. If so, you will need to measure the distance that the glider has been inside the penalty airspace to decide if it is:

- A minor penetration (50pts) of less than 200m horizontally and 100ft vertically or a
- A major penetration (500pts) of more than 200m horizontally or 100ft vertically.

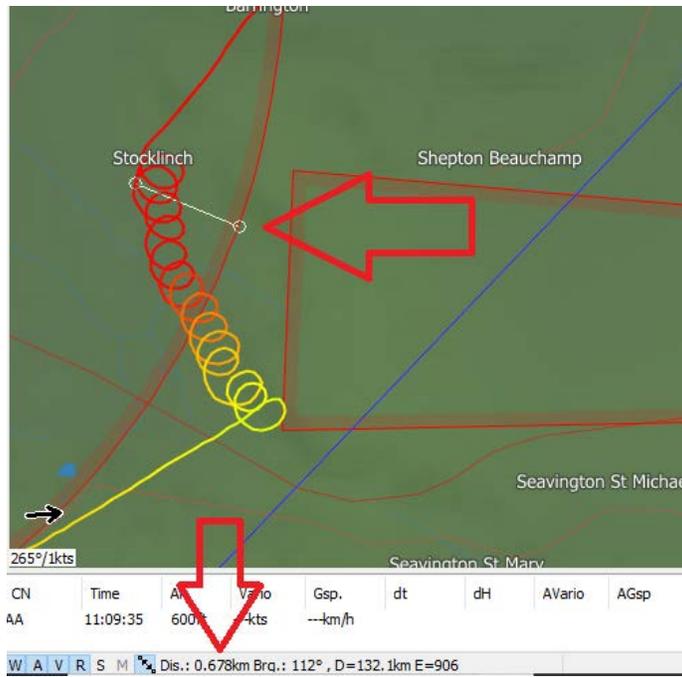
You can do this measurement using the measuring tool on the flight view screen. You get to this screen by clicking on the flight, then opening the route view.



Select the measuring tool:



Use the tool to measure the point of maximum penetration. The example below measures 678m, which would be a 500pt penalty.



2.6.2 Applying Penalties

You apply the penalty to the pilot by:

- Typing the appropriate value in the pilot performance window 'penalty' box
- Please note any penalty airspace infringements as "Admin Penalty" in the comments box
- De-select the display online button.

The screenshot shows a software window titled "Day performance" with a help icon, a question mark, and a close button. The window is divided into several sections:

- Pilot:** "Competitor 4 - 25/08/2018 (FR8E,)" and a file path "88P\88P_AA.igc" with a "Browse" button.
- Performance:** Contains checkboxes for "Flight evaluated manually" (unchecked) and "Show online" (unchecked). It also has "Reset" and "Recalculate" buttons.
- Time and Status:** Includes "Take off" (checked, 11:10:15), "Soaring begin" (11:13:27), "Soaring end" (16:08:37), "Start" (checked, 12:17:53), and "Finish" (checked, 16:07:05).
- Speed and Distance:** "Speed" is 86.78km/h and "Distance" is 331.52km.
- Comments:** A text box containing "Admin Penalty".
- Penalty and Points:** "Penalty" is 500 and "Points" is 399.
- Start points:** An empty text area.
- Buttons:** "View Flight", "View Raw", "OK", and "Cancel".

Red arrows point to the "Show online" checkbox, the "Comments" box, and the "Penalty" input field.

2.6.3 Secondary Loggers

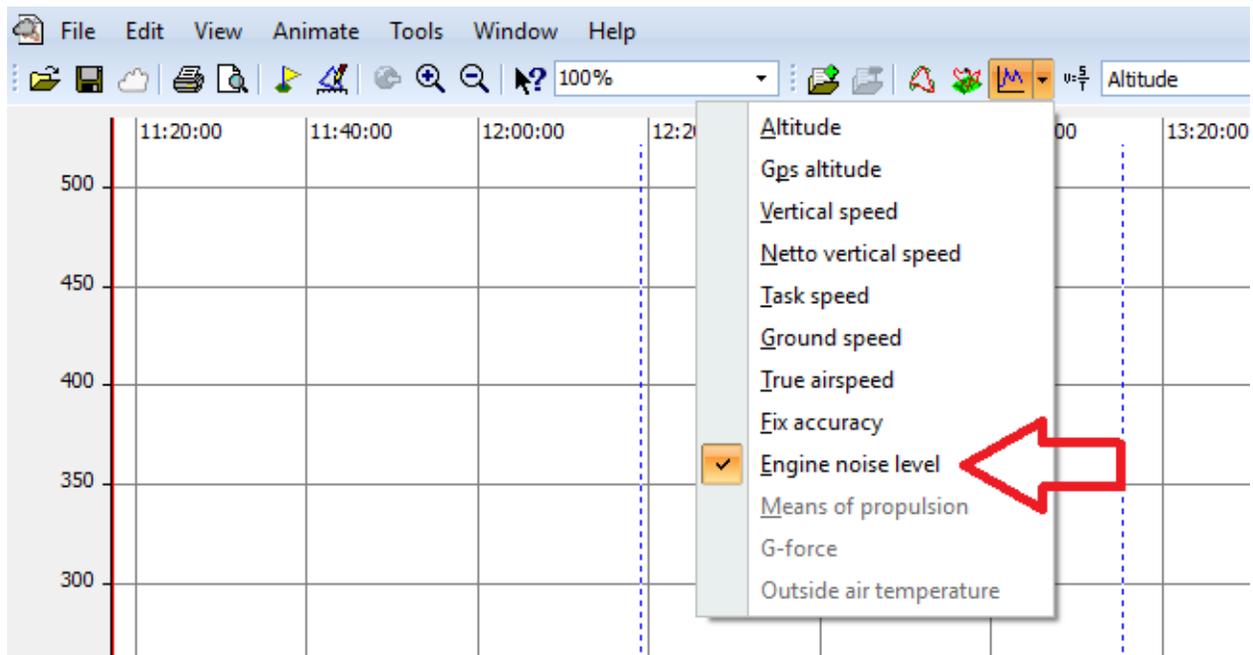
The pilot may wish to submit a secondary logger. You can then evaluate this trace by selecting it from the drop down menu at the top of the pilot performance window and click the recalculate button. This will rescore the new trace. It is unlikely to move the trace in terms of horizontal position but may make a difference in relation to the vertical infringement.

The screenshot shows a software window titled "Day performance" with a close button (X) in the top right corner. The window contains the following fields and controls:

- Pilot:** "Competitor 4 - 25/08/2018 (FR8E,)" and a dropdown menu showing "88P\88P_AA.igc". A red arrow points to the "Browse" button next to the dropdown.
- Performance:**
 - Checkboxes: "Flight evaluated manually" (unchecked), "Show online" (unchecked), "Take off" (checked), "Start" (checked), "Finish" (checked).
 - Time fields: "Soaring begin" (11:13:27), "Soaring end" (16:08:37), "Start" (12:17:53), "Finish" (16:07:05).
 - Speed: 86.78km/h
 - Distance: 331.52km
 - Buttons: "Reset" and "Recalculate". A red arrow points to the "Recalculate" button.
 - Comments: "Admin Penalty" field.
 - Penalty: 500
 - Points: 399
- Start points:** An empty text area.
- Bottom buttons:** "View Flight", "View Raw", "OK", and "Cancel".

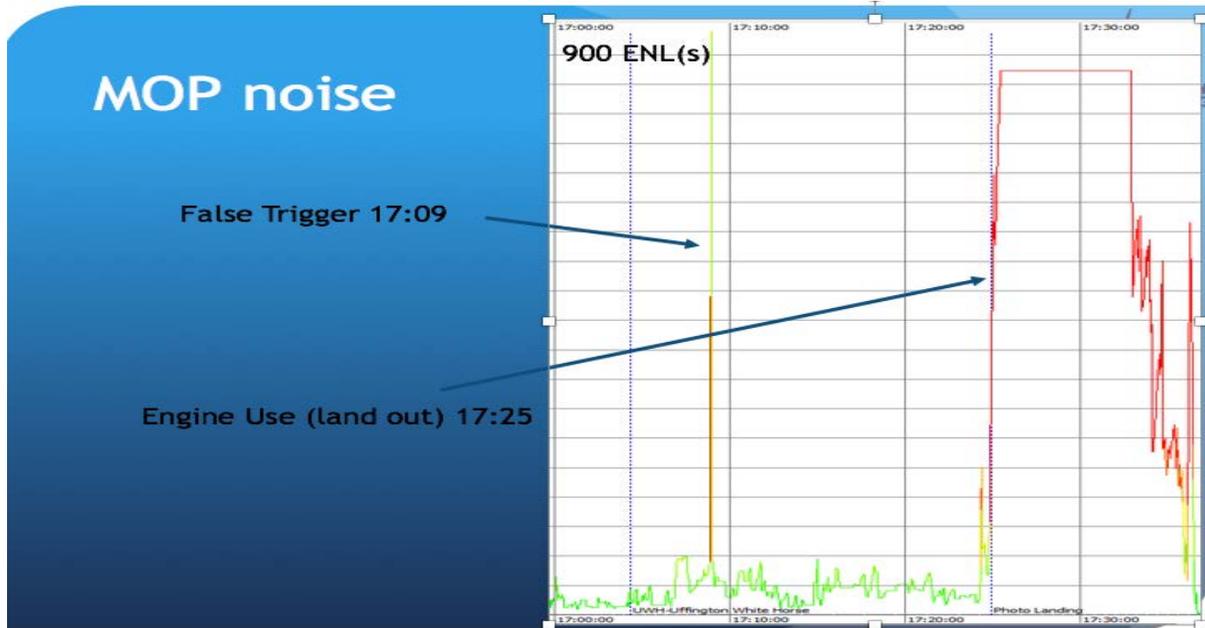
You can also look at the logger's vertical calibration chart to see if the logger position is higher or lower than scored.

2.6.4 Checking Engine Noise Levels



Seeyou should automatically stop scoring for any pilot whose engine noise level moves above a threshold likely to be an engine start event.

This graph shows two ENL (or MOP) events, you can see a false trigger caused by turbulence or some other noise and then a actual engine noise event. If SeeYou has incorrectly triggered you can edit this by changing the soaring end time (a box on the day performance window) in SeeYou in this case from 17:09:00 to 17:25:00 this would score the flight correctly



Day performance

Pilot
Competitor 3 - 25/08/2018 (L3BK,)

88P\88P_4.igc

Performance

Flight evaluated manually Show online

Take off 11:20:53 Soaring begin 11:24:44 Soaring end 16:08:43

Start 12:19:00 Finish 16:07:04

Speed 86.29km/h Distance 328.01km

Comments Penalty 0 Points 888

Start points

View Flight View Raw OK Cancel

2.6.5 Adjusting Start Line Time

Another common SeeYou trick is to not correctly pick up the last time someone has gone through the start line.

This can be manually evaluated by looking at the flight and then correcting the start time. You can do this using the start time check box on the check sheet above.

Day performance

Pilot
Competitor 3 - 25/08/2018 (L3BK,)
88P\88P_4.iqd Browse

Performance

Flight evaluated manually Show online Reset

Take off 11:20:53 Soaring begin 11:24:44 Soaring end 16:08:43 Recalculate

Start 12:19:00 Finish 16:07:04

Speed 86.29km/h Distance 328.01km

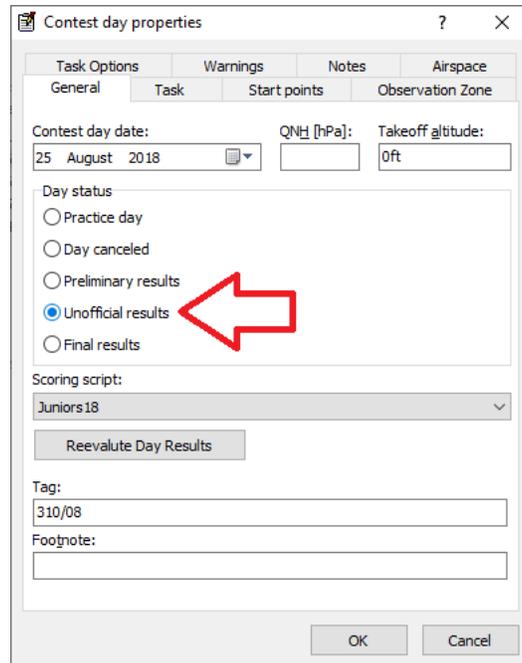
Comments Penalty 0 Points 888

Start points

View Flight View Raw OK Cancel

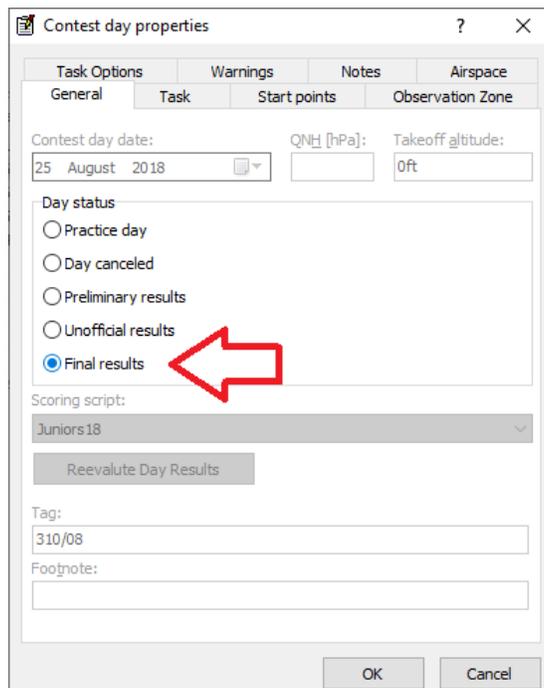
2.7 Changing the Day Status

Once you have reviewed all of the scores for a day you can make the results unofficial using the contest day properties.



The screenshot shows the 'Contest day properties' dialog box. The 'Day status' section has five radio buttons: 'Practice day', 'Day canceled', 'Preliminary results', 'Unofficial results', and 'Final results'. The 'Unofficial results' option is selected, indicated by a blue dot and a red arrow pointing to it from the right. Other fields include 'Contest day date' (25 August 2018), 'QNH [hPa]', 'Takeoff altitude' (0ft), 'Scoring script' (Juniors18), 'Tag' (310/08), and 'Footnote'. Buttons for 'Reevaluate Day Results', 'OK', and 'Cancel' are also visible.

24 hours after the results become unofficial or 24 hours after the resolution of any protests you may make the results Final.



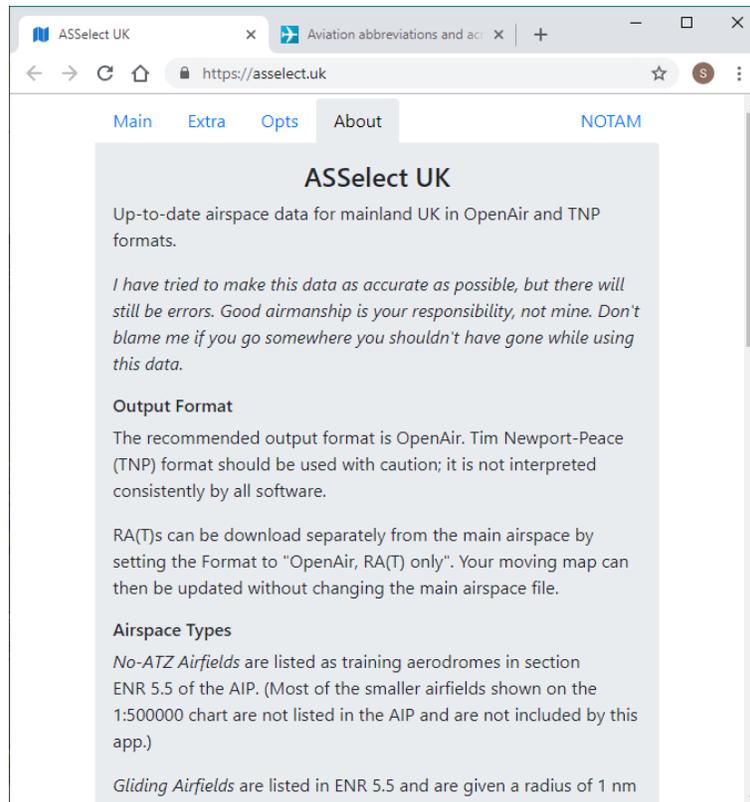
The screenshot shows the 'Contest day properties' dialog box. The 'Day status' section has five radio buttons: 'Practice day', 'Day canceled', 'Preliminary results', 'Unofficial results', and 'Final results'. The 'Final results' option is selected, indicated by a blue dot and a red arrow pointing to it from the right. Other fields include 'Contest day date' (25 August 2018), 'QNH [hPa]', 'Takeoff altitude' (0ft), 'Scoring script' (Juniors18), 'Tag' (310/08), and 'Footnote'. Buttons for 'Reevaluate Day Results', 'OK', and 'Cancel' are also visible.

Annex A - Creating an airspace file

1. Selecting Airspace

The BGA recommends the use of <https://asselect.uk/> to create airspace files.

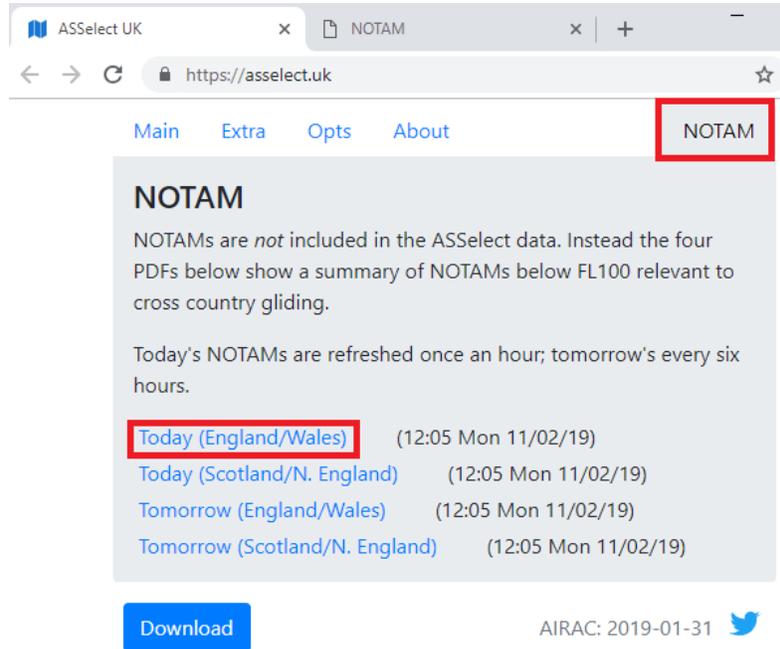
It is first helpful to read the 'About' tab on the website.



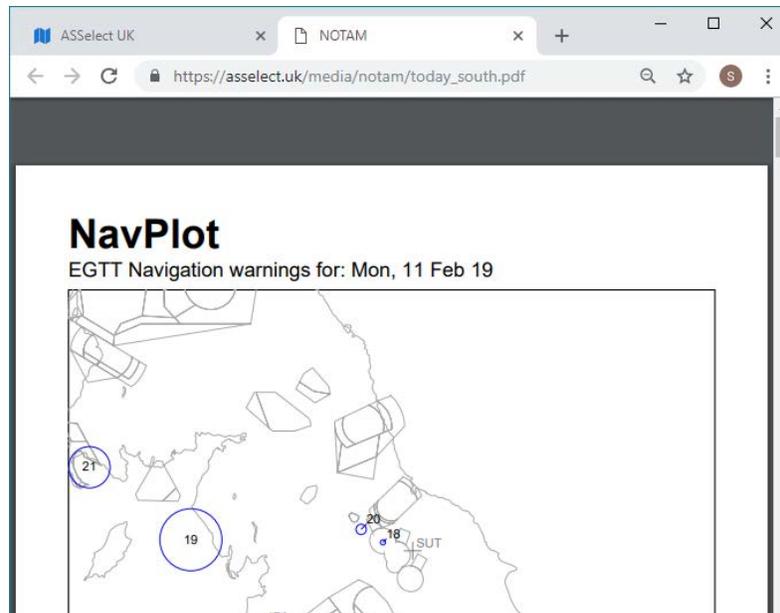
Go through the 'Opts', 'Extra' and 'Main' tabs to filter and/or select airspace to be included within your airspace file.

1.1 NOTAMS

NOTAM (Notice To Airmen) are not included in the file exported by ASSelect but can be accessed in PDF form from the website by clicking on the 'NOTAM' Tab.

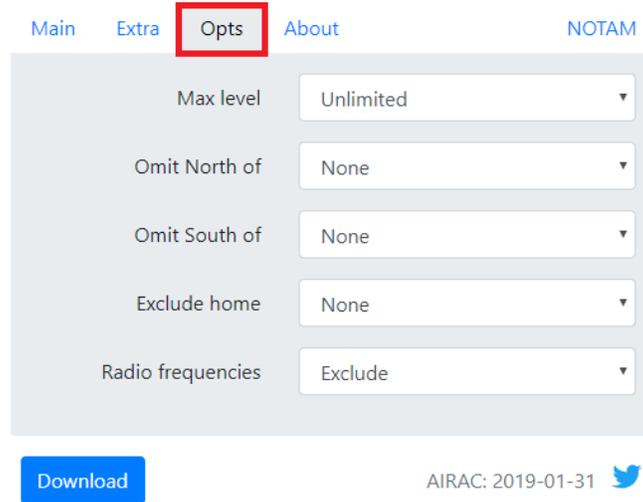


You can then select the correct link which will open another internet tab with the PDF.



1.2. Options

To exclude certain locations and heights of airspace, click on the 'Opts' Tab:



Main Extra **Opts** About NOTAM

Max level Unlimited

Omit North of None

Omit South of None

Exclude home None

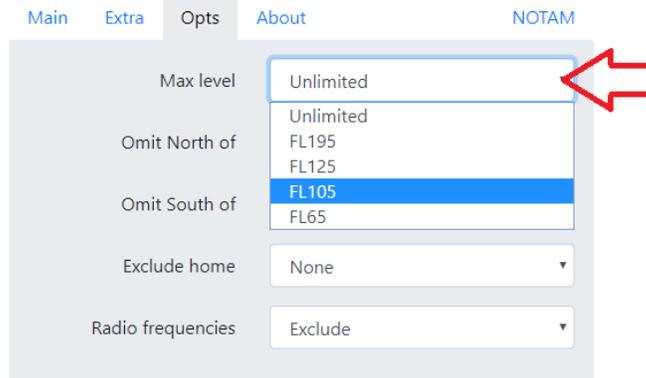
Radio frequencies Exclude

Download

AIRAC: 2019-01-31

Simply go through the different drop downs and select the desired option. For more detail read on.

Depending on the type of competition, location and conditions, it might be a good idea to limit the ceiling of the airspace on the file. To do this click the drop down:



Main Extra Opts About NOTAM

Max level Unlimited

Omit North of FL195
FL125

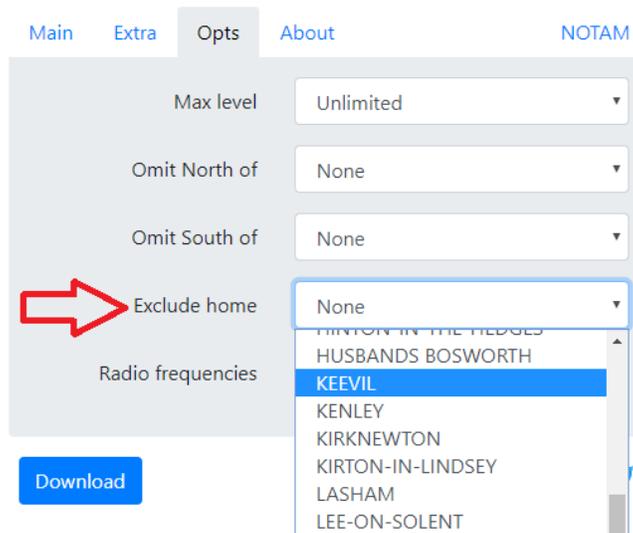
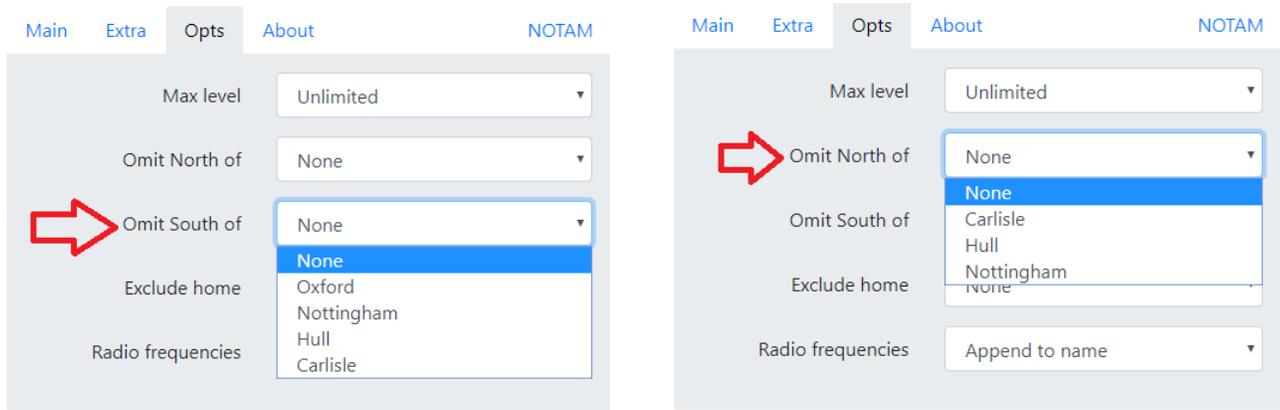
Omit South of FL105
FL65

Exclude home None

Radio frequencies Exclude

You can exclude airspace north and south of various cities by using the drop downs

You can select the 'home' location to reduce workload in the start sector as this will exclude the 'home' airspace:



You can attach radio frequencies to the relevant airspace within the file by selecting 'Append to name'

Main Extra **Opts** About NOTAM

Max level Unlimited

Omit North of None

Omit South of None

Exclude home None

 Radio frequencies

- Append to name
- Exclude
- Append to name

Download

AIRAC: 2019-01-31 

1.3 Extras

To select other types of airspace like Wave Boxes, Local Agreements and RATs click on the 'Extra' tab on the website.

Main **Extra** Opts About NOTAM

Wave Boxes [Set/Clear All](#)

- NSGA BORDERS
- NSGA DARTMOOR
- NSGA DERBYSHIRE
- NSGA SCOTLAND
- NSGA WALES
- NSGA YORKSHIRE
- TRAG ABOYNE
- TRAG NORTHUMBRIA
- TRAG PORTMOAK
- TRAG SCOTLAND LOWER
- TRAG SCOTLAND UPPER
- TRAG SPADEADAM LOWER
- TRAG SPADEADAM UPPER
- TRAG WALES LOWER
- TRAG WALES UPPER
- TRAG YORKSHIRE LOWER
- TRAG YORKSHIRE UPPER

Local Agreements [Set/Clear All](#)

- AMPIT TRIANGLE
- BATH GAP
- BMFA SALTBY
- BOOKER COMPS
- CAMPHILL
- CHIPPING ROY

Simply select the desired boxes that you want to be included in the airspace file.

Any RA(T)s that are published which you need to be aware of will show up at the bottom of the page in the 'Temporary Restrictions':

- NUCLEAR EXEMPTIONS
- P18 CROSSING
- P600/N864 CROSSING
- P600/SCOTTISH TMA
- R105 HIGHGROVE HOUSE
- RILES GLIDING AREA
- SOUTHEND CROSSING
- WESTBURY CONCESSIONS

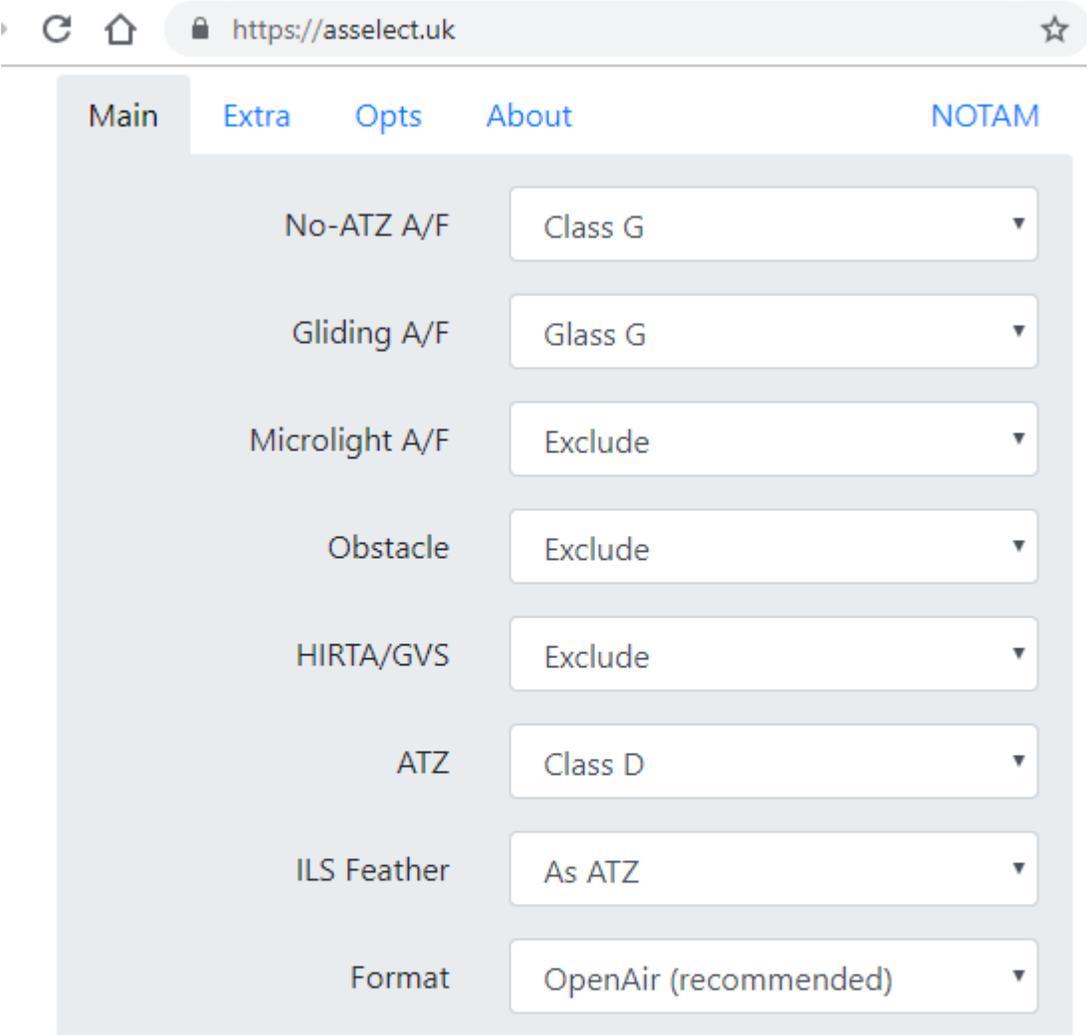
Temporary Restrictions, RA(T) [Set/Clear All](#)

No RA(T)s currently published.

[Download](#) AIRAC: 2019-01-31

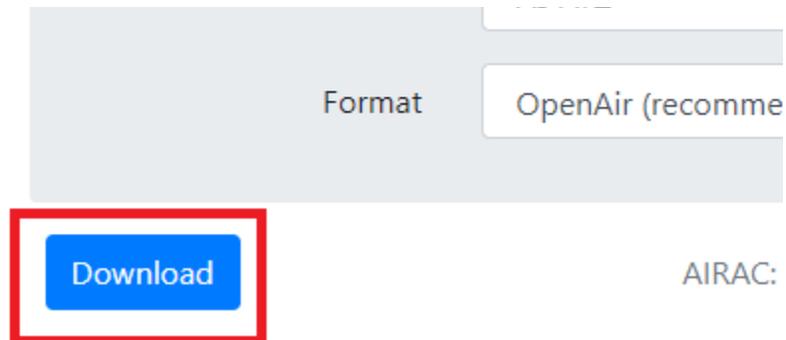
1.4 Main

Go through each drop down and select the appropriate option.
A recommended set up is shown below.

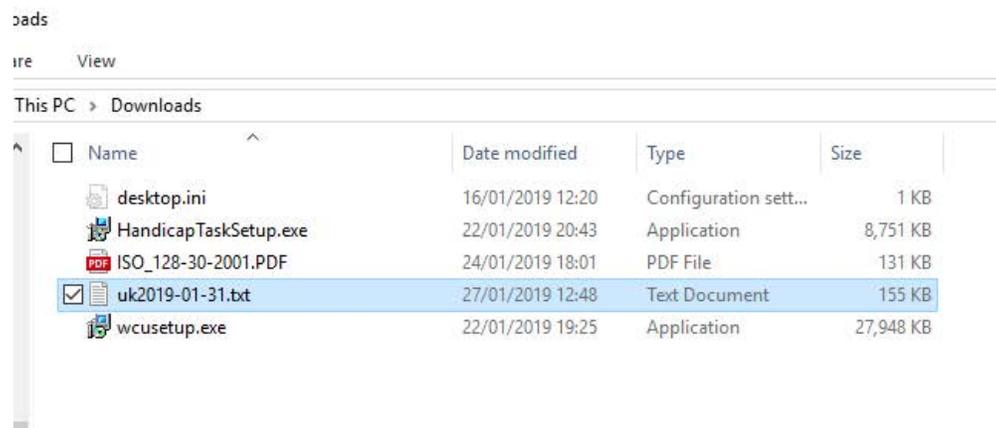


2. Download

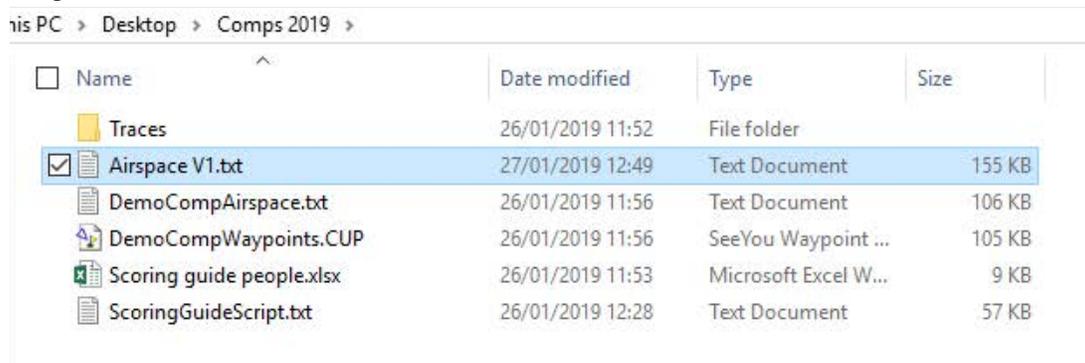
Once you are happy with all of the filters and airspace selected, the file can be downloaded by clicking the 'download' button.



The file will be in your downloads and will be automatically named with the date.



To make it easy to organise the files during the competition, ensure you rename the file to something sensible with version numbers.



When opening the file you can check the airspace by reading it.

```
sam code stuff.txt - Notepad
File Edit Format View Help
| UK Airspace
* Alan Sparrow (airspace@asselect.uk)
*
* I have tried to make this data as accurate as possible, however
* there will still be errors. Good airmanship is your responsibility,
* not mine - Don't blame me if you go somewhere you shouldn't have
* gone while using this data.
*
* To the extent possible under law, Alan Sparrow has waived all
* copyright and related or neighbouring rights to this file. The data
* in this file is based on the work of others including: George Knight,
* Geoff Brown, Peter Desmond and Rory O'Connor. The data is originally
* sourced from the UK Aeronautical Information Package (AIP).
*
* Settings: {'atz': 'classd', 'format': 'openair', 'glider': 'classg',
*           'hgl': 'exclude', 'homesite': 'None', 'ils': 'atz', 'loa-
*           BATH GAP': '', 'loa-DAVENTRY BOX': '', 'maxlevel': '10500',
*           'microlight': 'exclude', 'noatz': 'classg', 'north':
*           '52.9', 'obstacle': 'exclude', 'radiofreq': 'include',
*           'south': '49'}
*
AC A
AN BERRY HEAD CTA
AL FL65
AH FL195
DP 51:11:15 N 003:29:29 W
DP 51:10:10 N 003:13:41 W
DP 50:43:36 N 003:18:22 W
DP 50:44:41 N 003:34:01 W
DP 51:11:15 N 003:29:29 W
*
AC A
AN BERRY HEAD CTA
AL FL65
AH FL195
```

Where there is an asterisk at the start of a line the rest of the line is just informative text, not code.

The section 3 gives an explanation for the different abbreviations within the text file.

3. Acronyms and Codes

Text file acronyms:

```
*
* AC class ; class = Airspace Class, see below:
* R restricted
* Q danger
* P prohibited
* A Class A
* B Class B
* C Class C
* D Class D
* GP glider prohibited
* CTR CTR
* W Wave Window
*
*
* AN string ; string = Airspace Name
* AH string ; string = Airspace Ceiling
* AL string ; string = Airspace Floor
* AT coordinate ; coordinate = Coordinate of where to place a name label on
the map (optional)
* ; NOTE: there can be multiple AT records for a single airspace
segment
*
```

This can be found online through the link:

<http://www.winpilot.com/UsersGuide/UserAirspace.asp>

Other Acronyms used on the website:

NOTAM - Notice To Airmen

HIRTA - High Intensity Radio Transmission Areas

GVS - Gas venting site

ILS - Instrument Landing system

RA(T) - Restricted Airspace Temporary

CTR - controlled traffic region

Annex B - Waypoint File Guide

1. Using the BGA list

1.1 Downloading the .CUP file

Visit the 'BGA Turning Point Page' <http://www.newportpeace.co.uk/turningpoints.htm>

When setting tasks for competitions, it is recommended that the Waypoint file for for 'organised task groups'.

Scroll down to section 3 and click 'here' to download the .CUP file:

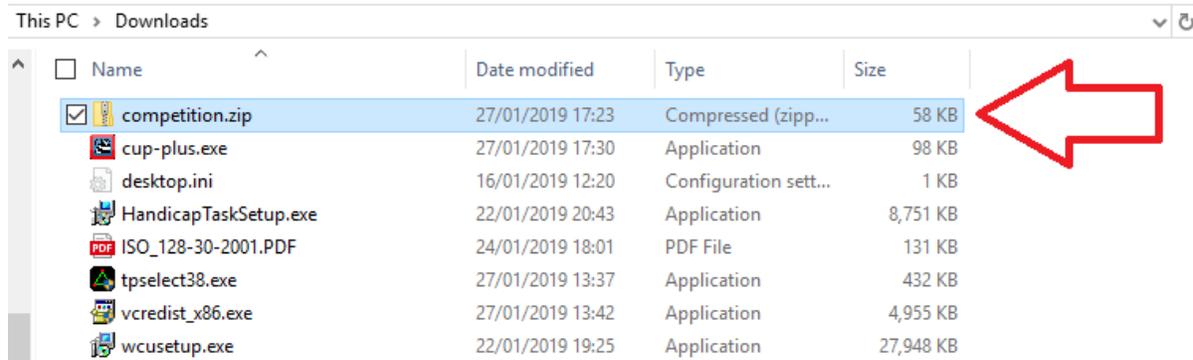
3. WAYPOINTS FILE FOR ORGANIZED TASK GROUPS (including Competitions).

From 2016 there are in fact two lists. One has all the TP's as before. The other has a reduced set, - made by removing TPs that lie close to sensitive airspace such as ILSs, holds or active airfields. The removed points are ones that we'd be wise not to send large numbers of gliders to (unless appropriate mitigations are put in place). So when you task set , please look beyond the fact that a TP exists - its mere existence doesn't mean that it must therefore be ok to use at any time and when you set for groups of gliders just use the more limited list.

Waypoints not suitable for **Organised Task Groups** are marked in the Excel file with a ! in the Category field.

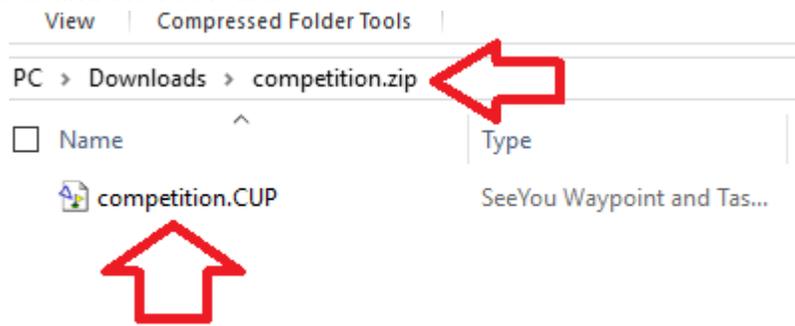
A .CUP file, with all such waypoints removed is available for Tasksetters [HERE](#).

It will appear in your directory:

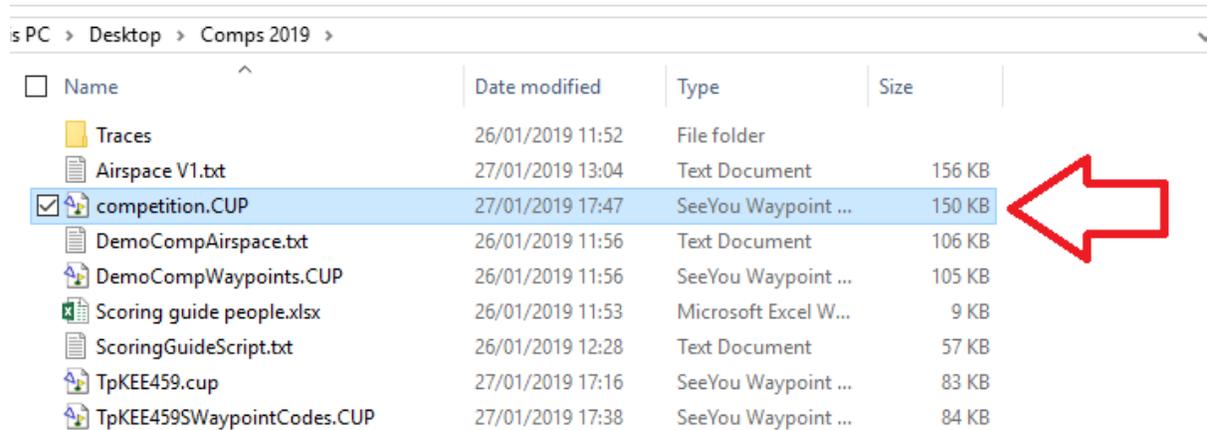


Name	Date modified	Type	Size
<input checked="" type="checkbox"/> competition.zip	27/01/2019 17:23	Compressed (zipp...	58 KB
<input type="checkbox"/> cup-plus.exe	27/01/2019 17:30	Application	98 KB
<input type="checkbox"/> desktop.ini	16/01/2019 12:20	Configuration sett...	1 KB
<input type="checkbox"/> HandicapTaskSetup.exe	22/01/2019 20:43	Application	8,751 KB
<input type="checkbox"/> ISO_128-30-2001.PDF	24/01/2019 18:01	PDF File	131 KB
<input type="checkbox"/> tpselect38.exe	27/01/2019 13:37	Application	432 KB
<input type="checkbox"/> vcredist_x86.exe	27/01/2019 13:42	Application	4,955 KB
<input type="checkbox"/> wcusetup.exe	22/01/2019 19:25	Application	27,948 KB

Open the .ZIP file to find the .CUP file:



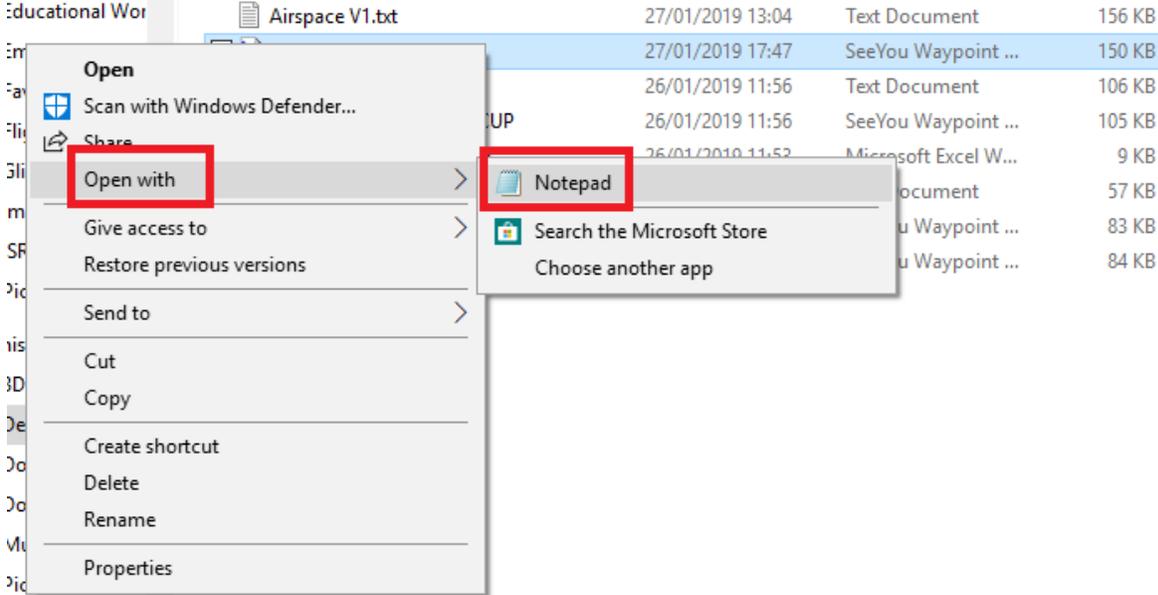
Move/Copy the .CUP file out of downloads into another sensible directory



1.1.1 Opening from the directory

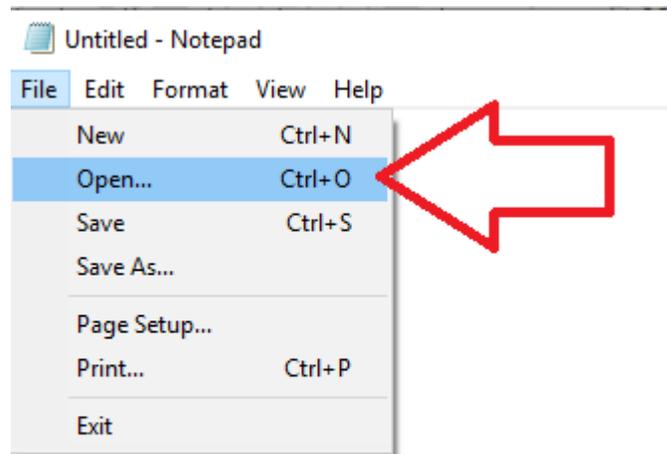
Click on the .CUP file and then right click.

Hover over "Open with" and then select a program like Notepad or Textedit.

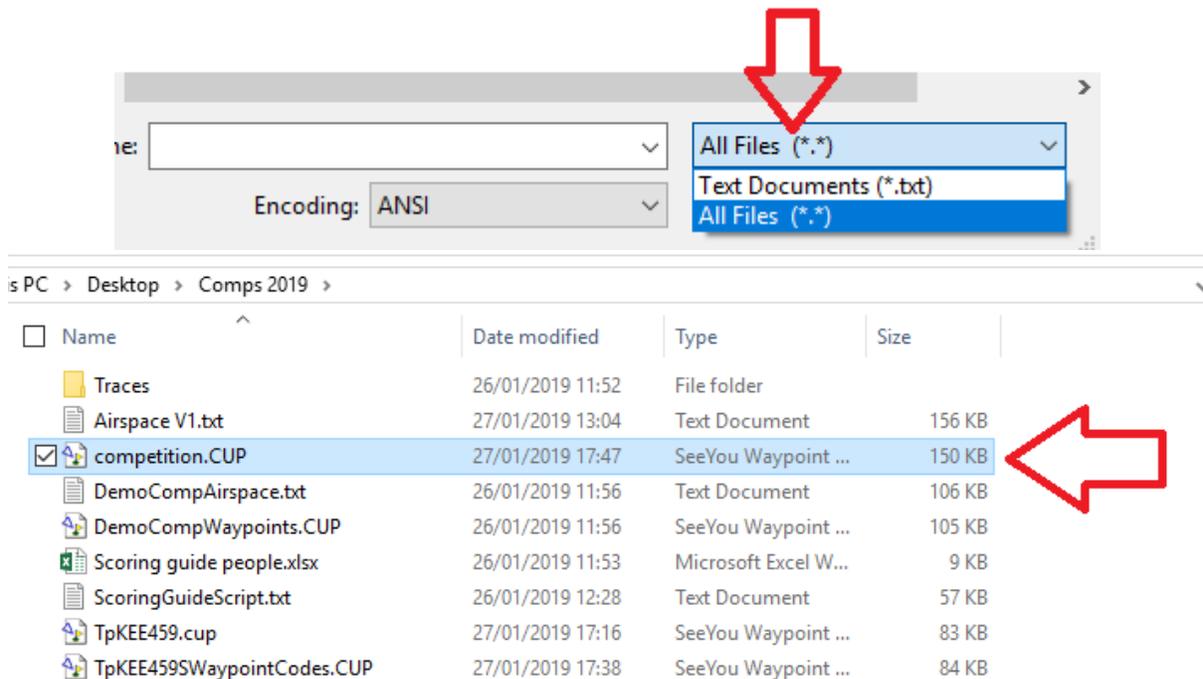


1.1.2 Opening from the program

Or go into the program like Notepad or Textedit, click open and search for the .CUP file)



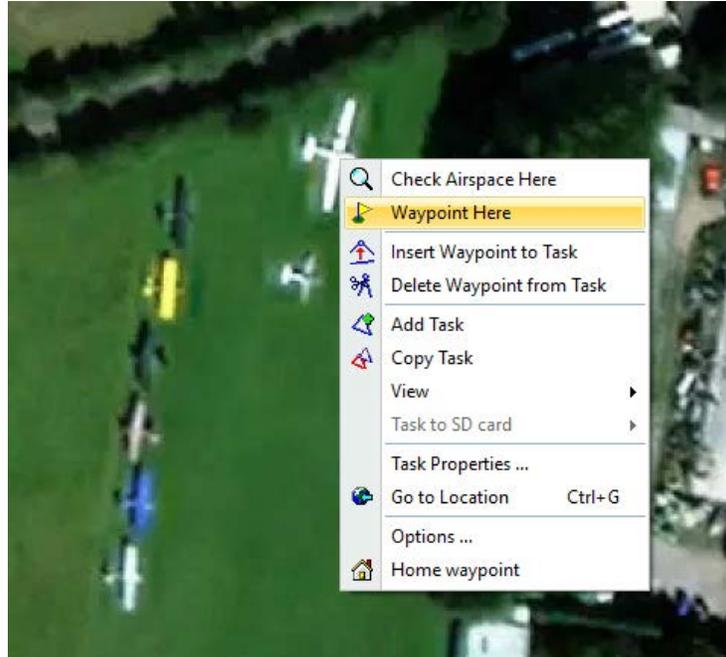
Click on the .CUP file you want to open - ensure that it is searching 'All Files' not just 'Text Documents'



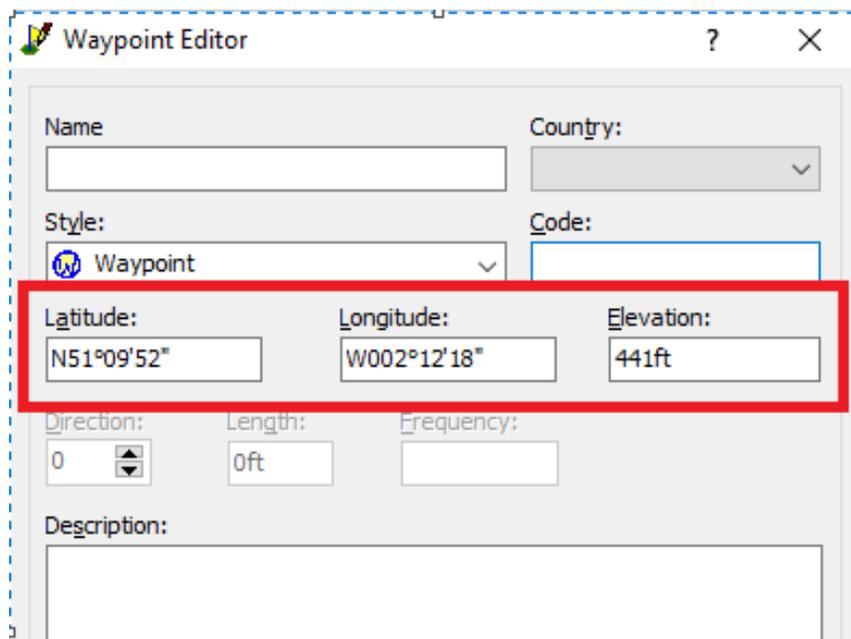
1.2 Using SeeYou to find coordinates for a new waypoint

One way of finding the coordinates is to use SeeYou.

Hover over where you want the Waypoint to be and then right click. Select “Waypoint Here”



This will produce a pop up that show you the latitude, longitude and elevation of the point you have selected:



You can then use this data to input the waypoint.

1.3 Adding Waypoints

The .CUP file will open and look similar to, if not the same as this:

```
competition.CUP - Notepad
File Edit Format View Help
name,code,country,lat,lon,elev,style,rwdir,rwlen,freq,desc,userdata,pics
"AB1-Aboyne Bridge",AB1,UK,5704.213N,00247.239W,450ft,1,,,,,"S side of villag
"ABBot's Bromley",ABB,UK,5248.780N,00154.594W,328ft,1,,,,,"E end of B5013 cro
"ABD-Aboyne Dinnet",ABD,UK,5704.301N,00253.397W,492ft,1,,,,,"Bridge over rive
"ABErgavenny",ABE,UK,5148.575N,00300.587W,230ft,1,,,,,"SSE side of town 600m
"ABF-Aberfeldy",ABF,UK,5637.270N,00352.428W,197ft,1,,,,,"Bridge NW of town to
"ABIngton",ABI,UK,5530.146N,00341.788W,853ft,1,,,,,"Flyover over M74 N side c
"ABL-Aberfoyle",ABL,UK,5610.717N,00423.070W,66ft,1,,,,,"T Junction W of town
"ABN-Abingdon Bridge",ABN,UK,5140.120N,00116.766W,164ft,1,,,,,"SE side of tow
```

The top line of the file explains what the different lines of the text file represents.

In the existing entries, the common completed fields are:

```
Name,code,country,lat,long,elev,style,,freq,desc,,,
```

Use the format of the top line to create your own waypoints by editing the text.

- Ensure that your new waypoint doesn't have the same name as another waypoint on the file.
- To make your new files easier to find in the file in future, a recommendation would be add them at the bottom.
- Note how any names or text is quoted
- Watch out for units as well as what format the lat long is shown in

Using the Lat, Long and Elevation from the above example (1.2), produce the line of code:

```
YEUVI1 Reservoir ,YEU,UK,5054.059N,00238.100W,2157ft,1,,,, N end of causeway over Sutton Bingham Reservoir where road  
"YETHolm",YET,UK,5532.761N,00216.930W,331ft,1,,,, "Minor road over River Glen E side of town",  
"YOE-York East",YOE,UK,5357.414N,00100.719W,33ft,1,,,, "A64/A1079/B1229 2 NMI NNW of Elvington airfield",  
"YORK",YOR,UK,5357.728N,00104.918W,260ft,1,,,, "Top of 197 ft tower in City centre.",  
"YTN-Yeovilton",YTN,UK,5100.639N,00238.467W,75ft,4,,,127.350, "NW side of active RN airfield with MATZ. Site of Heron  
"YTT-Yattendon",YTT,UK,5127.553N,00112.231W,395ft,1,,,, "Minor road S of Yattendon village. 4 NMI E of M4 J13 Chieveley  
"WNG-Wing Farm",WNG,UK,5109.520N,00212.18W,441ft,1,,,, "Airborne Composites Wing Farm Strip. G-CINO parking space"
```

Then save the text file:

File > save as

It is recommended to change the version number of the file name if you make any changes.

You can then open the .CUP file from SeeYou

2. Using “TpSelect”

One of the softwares that can be used to create our own waypoint files, gather the BGA waypoint list and filter the waypoint list is called ‘TpSelect’.

To know how to use the program you can either continue using this guide or use the instructions provided on the following link: <http://www.newportpeace.co.uk/tpselect.htm>

Ensure that the GPS system you are going to use is compatible (SeeYou is):

http://www.jeffg.co.uk/gliding/tpselect_download.htm



The screenshot shows a web page titled "Jeff Goodenough's pages" with a sub-header "TpSelect Download". The page features a navigation menu with buttons for "Forum", "Contact", "Up", "Readme", and "Download". A central message states: "TpSelect is now hosted by Tim Newport-Peace. To download the latest version, please click on this link: <http://www.newportpeace.co.uk/tpselect.htm>". Below this, a section titled "GPS file formats currently supported:" lists various file formats in three columns: Borgelt B100, Borgelt B2000, Cambridge (XCSoar, LK8000), ClearNav (STX), DA4 (Fiser LX, Colibri etc.), EWView3, G7ToWin, Gardown, Garmin PCX5AVD, GPX (MapSource, EasyGps etc.), Mapsource (old versions), Notamplot, Peschges VP6, Peschges VP9, SeeYou, TaskNav, Volkslogger, and Winpilot. At the bottom, there is a "Donate" button and a small red text note: "If you find my software useful, a small donation helps me to keep my development software up to date."

2.1 Downloading and installing

This software can be downloaded from the following link.

http://www.newportpeace.co.uk/waypoints/tpselect/tpselect_load.htm?

TPSelect

This program was written by Jeff Goodenough and is copyright. It is provided free of charge.

The program is only intended for use by UK (or visiting) soaring pilots using the official BGA turning point database.

No liability whatsoever is accepted for the use of this program. It is the responsibility of the user to verify the accuracy of the results.

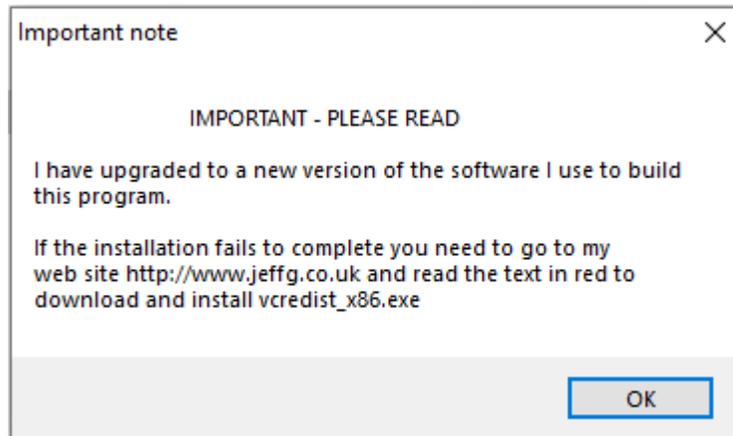


The download will show up at the bottom of the browser like below:



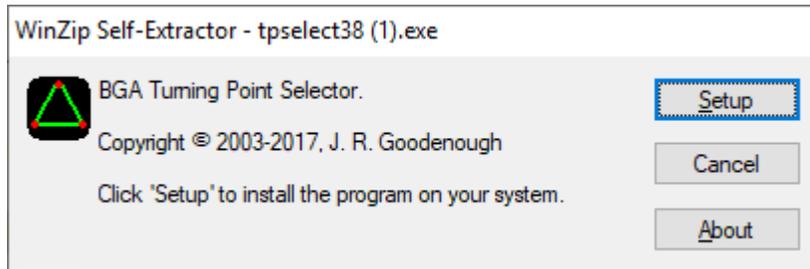
You can either double click on this icon or go into downloads and double click on the file. Allow the the file to make changes to your computer.

The pop up below might come up from the installation - just click okay

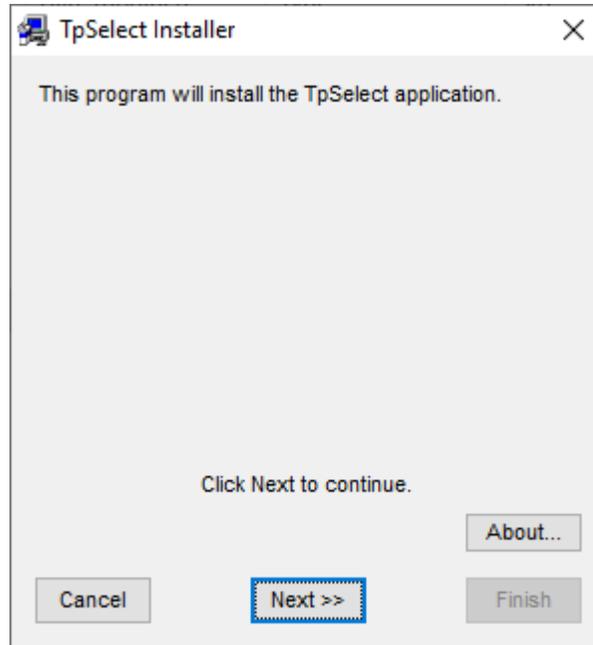


The next window that will be seen is below:

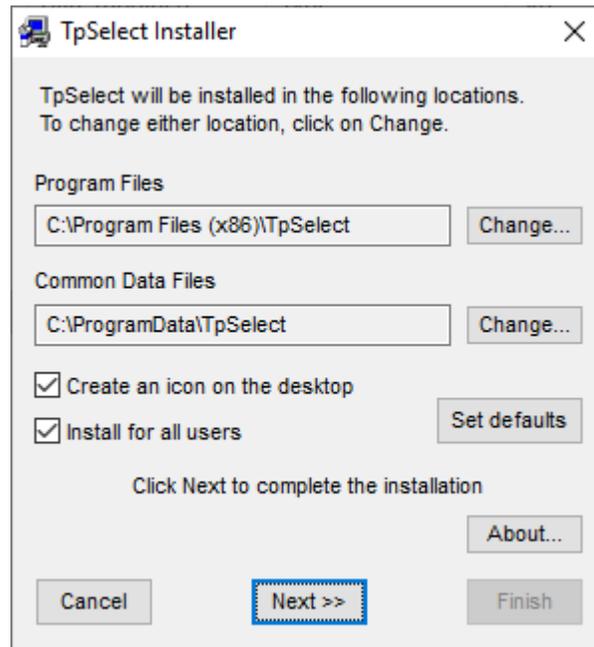
Click 'Setup'



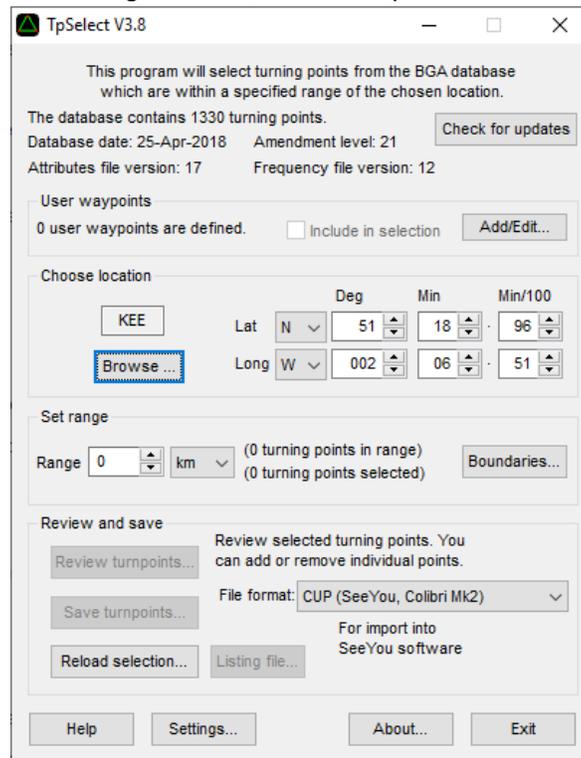
Click next on the installation window:



Ensure that it will put the files in the appropriate location - It will most likely default to a sensible place anyway.

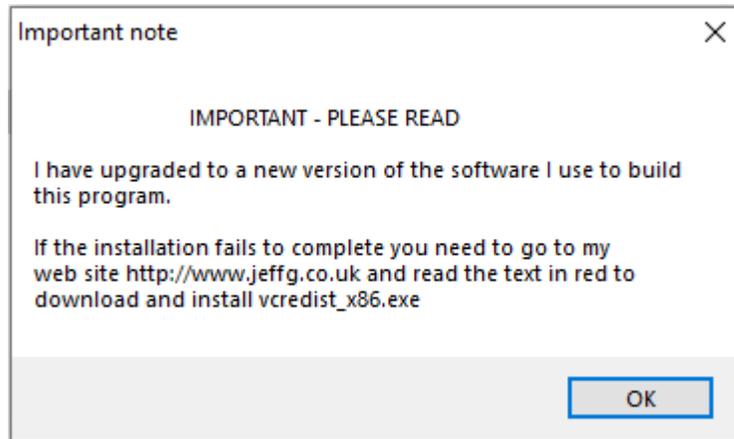


Keep clicking 'next' and following instructions until the system installs. You will eventually get the following window, which is TpSelect:



2.1.1 If it doesn't install

If the program doesn't install, it might be because your computer is missing some of the files needed to run the program



You can go to the homepage <http://www.jeffg.co.uk/index.htm>



Welcome

Forum
Contact

Home Gliding Other stuff

Welcome to my web site. Please take a look at my [Gliding](#) pages. They are mostly concerned with software I have developed with gliding in mind.

The [Other stuff](#) section lists software and suppliers I use and recommend.

If you have any comments, suggestions or questions, please use one of the buttons on the left to visit the forum or send me an email.

Please note: I have re-opened the forum with additional anti-spam measures. Feel free to post your comments and questions.

If you have problems installing my latest software, you may be missing some Microsoft DLL files. Go [here](#) to download vcredist_x86.exe. Click on the Download button, ignore any offers and click 'No thanks and continue' to download the file. When download completes, double-click on the file to install it.

NB: It is not sufficient just to download the file - you must install it too!

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Follow the following link <https://www.microsoft.com/en-us/download/details.aspx?id=5555>

Click download:



Microsoft Visual C++ 2010 Redistributable Package (x86)

Important! Selecting a language below will dynamically change the complete page content to that language.

Select Language:

vcredist_x86 (1).exe

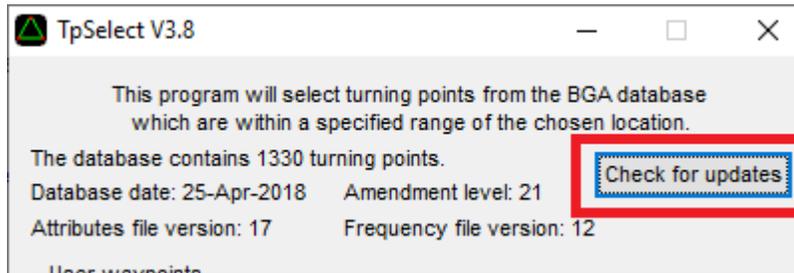
The following should appear at the bottom of the browser:
Same as before, double click this icon or go into downloads and double click there.
Follow the installation wizard that appears, accepting changes to the device (but be aware of promotions).

Try to install TpSelect again by going into downloads and double clicking on the installation wizard and follow the steps in 2.1.

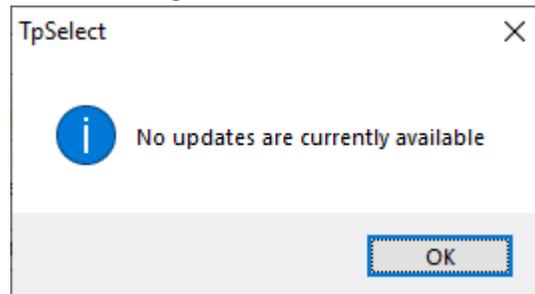
	competition.zip	27/01/2019 17:23	Compressed (zipp...	58 KB
	cup-plus.exe	27/01/2019 17:30	Application	98 KB
	desktop.ini	16/01/2019 12:20	Configuration sett...	1 KB
	Download_1736194_1548703317193.pdf	28/01/2019 19:21	PDF File	77 KB
	HandicapTaskSetup.exe	22/01/2019 20:43	Application	8,751 KB
	ISO_128-30-2001.PDF	24/01/2019 18:01	PDF File	131 KB
<input checked="" type="checkbox"/>	tpselect38.exe	27/01/2019 13:37	Application	432 KB
	vcredist_x86.exe	27/01/2019 13:42	Application	4,955 KB
	wcusetup.exe	22/01/2019 19:25	Application	27,948 KB

2.2 Checking for updates

The first thing to do is check for updates:



If the program is up to date, the following window will be seen:

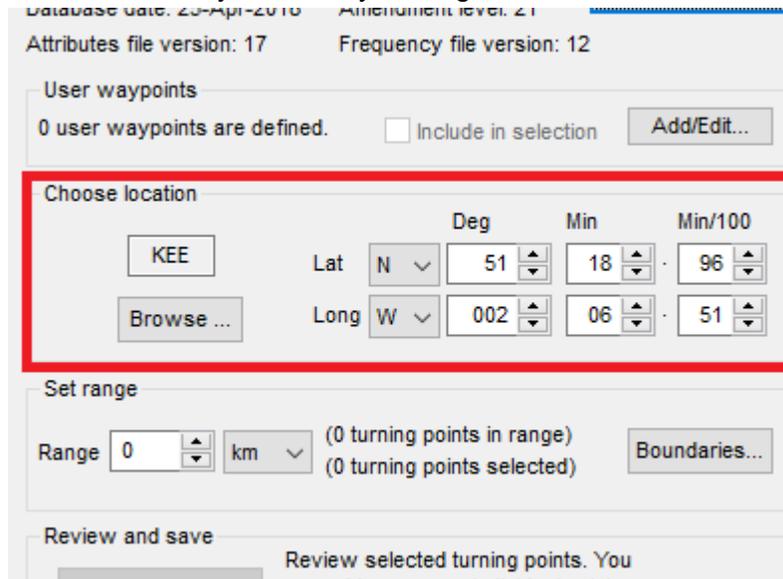


If there are any updates, the program will give you the option to download them. Download them otherwise the waypoints it produces might be out of date.

2.3 Set your 'origin'

To be able to filter waypoints relative to where you are (where you want to centre a radius of waypoints from) in the UK, you can set your 'origin'.

The program will remember what you set as your origin.



To set this origin, you can either manually enter the Latitude and Longitude coordinates:

Choose location

KEE

Browse ...

	Deg	Min	Min/100
Lat N	51	18	96
Long W	002	06	51

Or you can click “Browse” and search for a current BGA listed waypoint:

Choose location

KEE

Browse ...

	Deg	Min	Min/100
Lat N	51	18	96
Long W	002	06	51

This will bring up a list of waypoints and you can either sort by the 3 digit code or the name of the waypoint. Once you are happy with your selection, click ‘ok’.

Browse database

Choose a turning point from the list

INK	Inchkinloch
INV	Inverary
IPE	Ipswich E
ISE	Inverness SE
ISL	Islip
IVS	Invershin
IVY	Ivybridge East
IWE	Iwerne Minster
JED	Jedburgh
KCA	Kielder Castle
KCG	Kincraig
KDL	Kendal
KEE	Keevil
KEV	Keewick

List in code order List in name order

Cancel OK

You can see the selection on the main page

Choose location

KEE

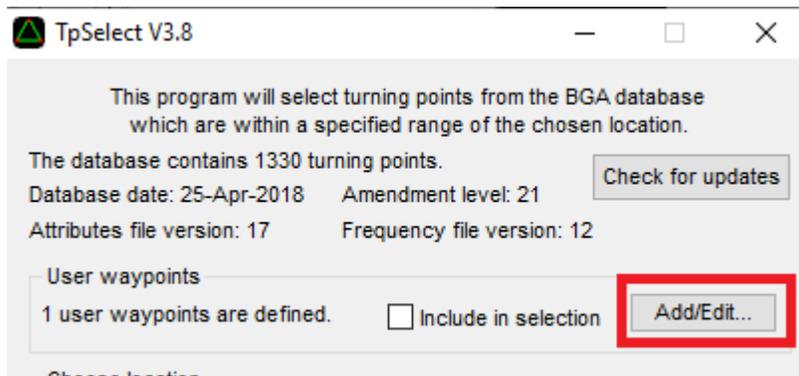
Browse ...

	Deg	Min	Min/100
Lat N	51	18	96
Long W	002	06	51

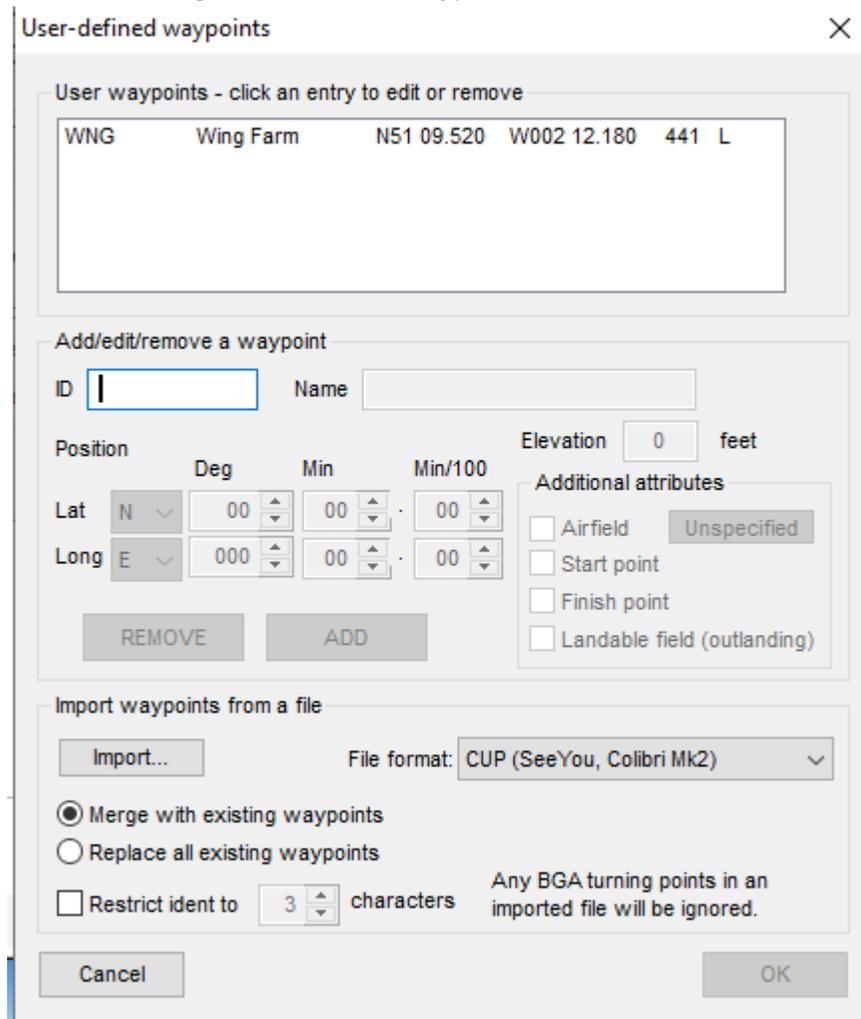
2.4 Custom Waypoints

Adding, Editing, Removing and Importing Waypoints using TpSelect is very simple.

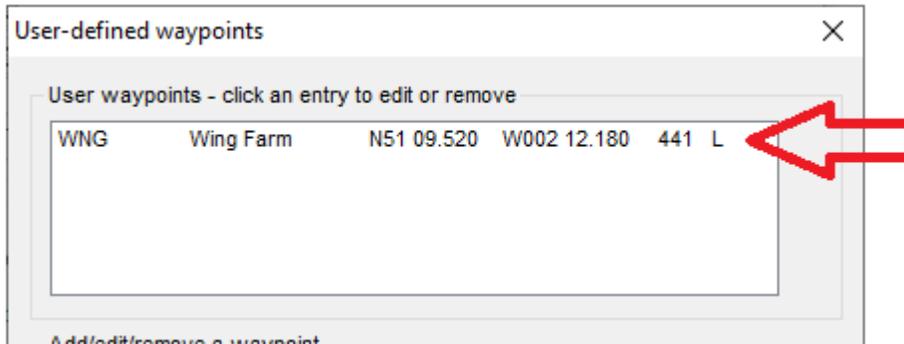
First of all, click “Add/Edit...”



This will produce the following “User-defined waypoints” window:



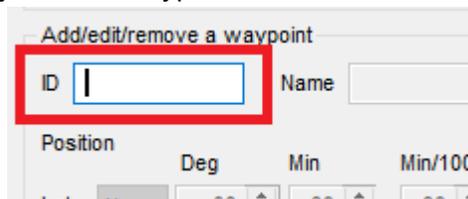
Any waypoints you have created previously will be displayed here:



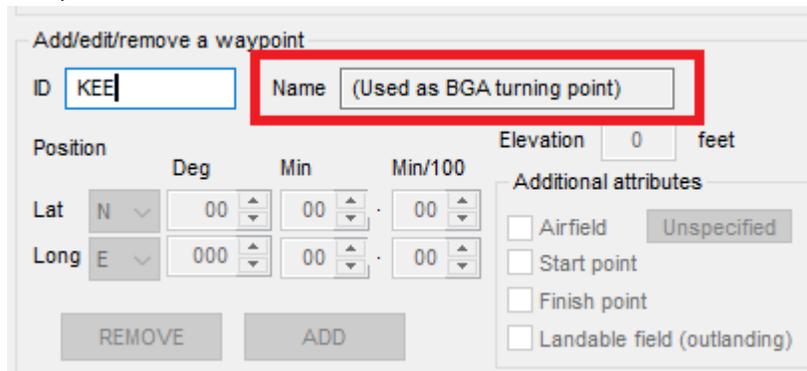
Once you have finished in this window, click “OK” to go back to the main window

2.4.1 Adding Waypoints

Once in the “User-defined waypoints” window,
Start typing in a 3 digit ID for your new waypoint:



If you accidentally type in an ID that is already an existing BGA waypoint, the program will prevent you from continuing (note how all of the other things you can enter are grey and you cannot click on them):



Once you have created an ID that is unique, you can continue adding the rest of the information about the Waypoint:

Add/edit/remove a waypoint

ID Name

Position

Lat

Long

Elevation feet

Additional attributes

Airfield

Start point

Finish point

Landable field (outlanding)

Import waypoints from a file

For information on how to find coordinates of a desired point, see section “1.2 Using SeeYou to find coordinates for new waypoint”

Once you are happy with the details, click “add”

2.4.2 Editing Waypoints

Once in the “User-defined waypoints” window,

Select the waypoint you want to edit. Change the information within the box and then click “update”:

User-defined waypoints

User waypoints - click an entry to edit or remove

WNG	Wing Farm	N51 09.520	W002 12.180	441	L
-----	-----------	------------	-------------	-----	---

Add/edit/remove a waypoint

ID Name

Position

Lat

Long

Elevation feet

Additional attributes

Airfield

Start point

Finish point

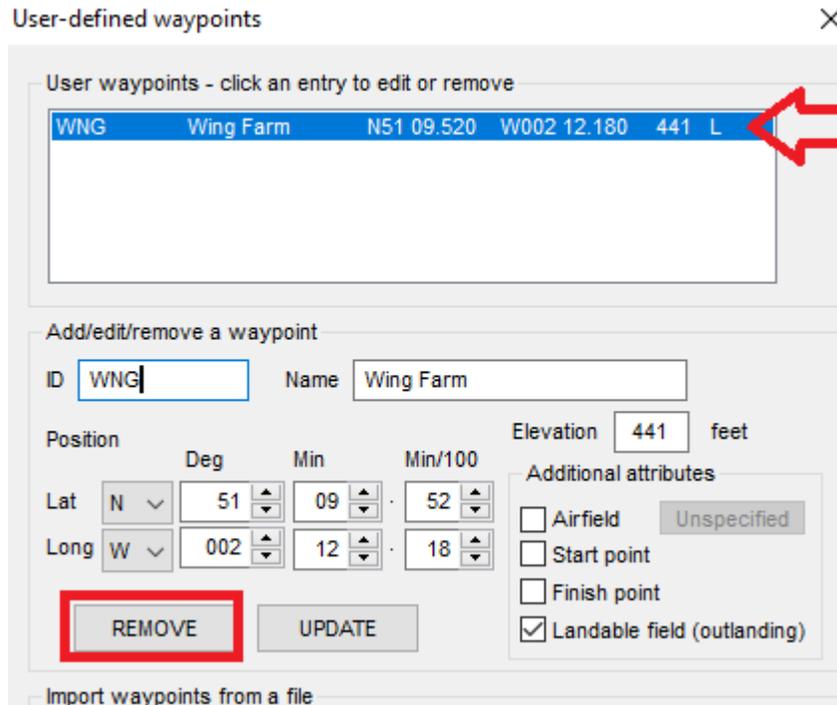
Landable field (outlanding)

Import waypoints from a file

2.4.3 Removing Waypoints

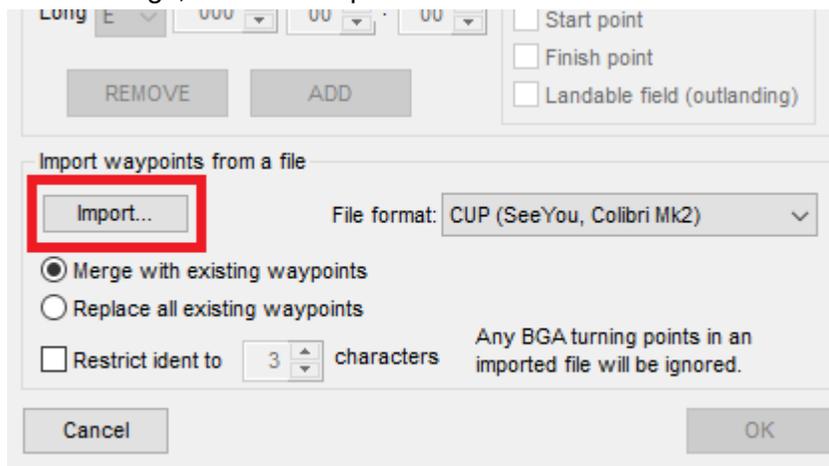
Once in the “User-defined waypoints” window,

Select the waypoint you want to remove then click “remove”

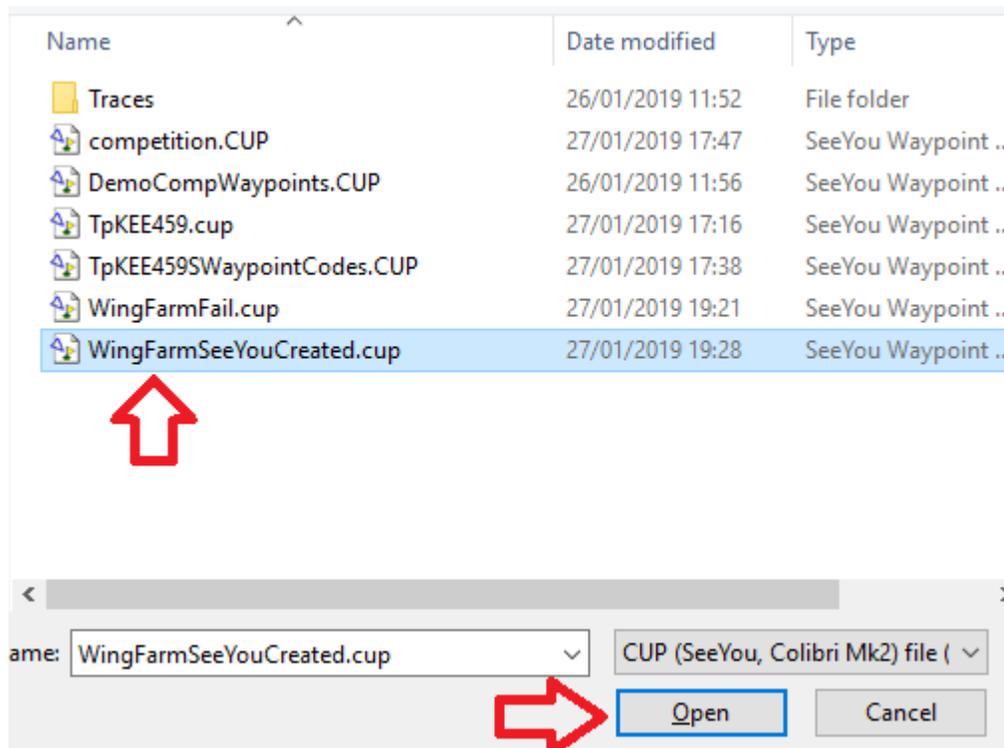


2.4.4 Importing Waypoints

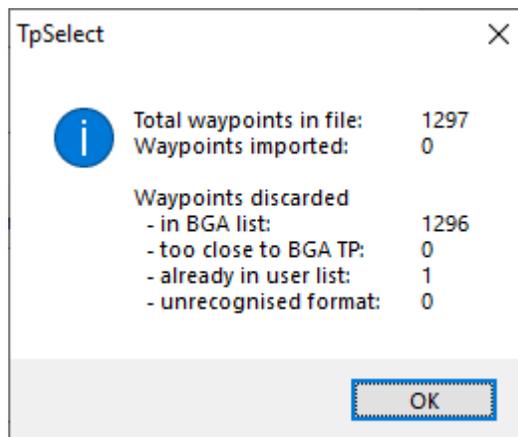
Once in the “User-defined waypoints” window,
 Before importing anything, ensure you are happy with the settings. (see 2.4.4.1 Settings)
 Once happy with the settings, click the “Import...” button.



This will bring up your directory. Select the CUP file and click “open”



TpSelect will bring up a dialogue box which breaks down what sort of turning points are in the file you want to import:



Click "ok" to see results

2.4.4.1 Settings

Before importing anything, ensure you are happy with the settings.

Note that any BGA turning points that are imported will be ignored as they are already in TpSelect.

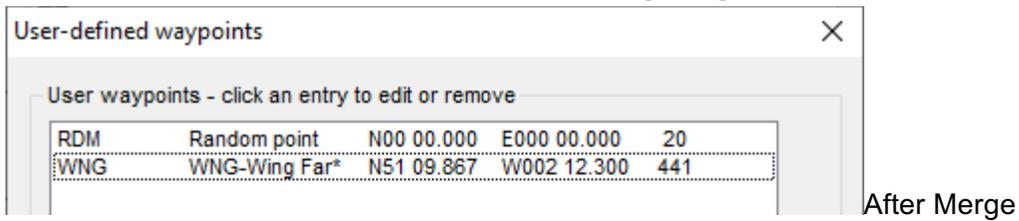
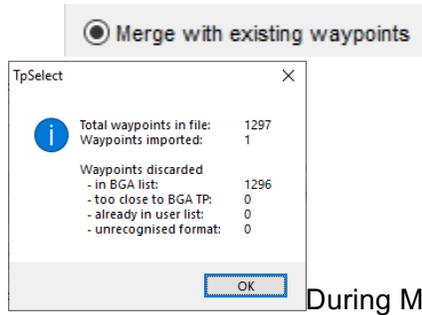
The default ID that is recognised is 3 digits, but this can be changed.

For SeeYou, ensure that the file format is .CUP

See below the difference between merging and replacing

2.4.4.1.1 Merging

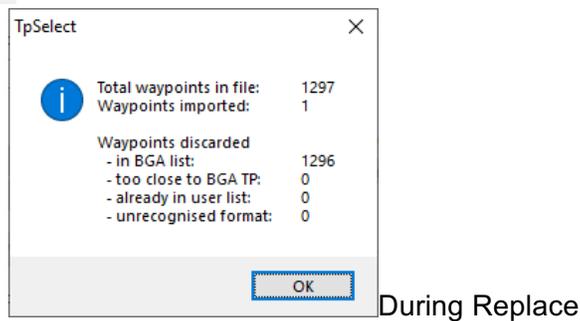
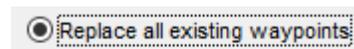
“Merge with existing” will add other user defined waypoints (not created on TpSelect) to the current list on TpSelect:



(The default is “merge” as this won’t remove waypoints you have created already on TpSelect.)

2.4.4.1.2 Replacing

“Replace all existing” will delete waypoints defined with TpSelect and replace them with the ones in the file



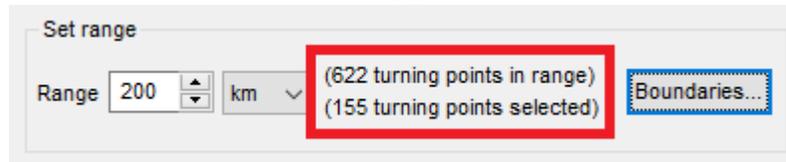


After Replace

2.5 Setting a range of waypoints

The BGA turning points that will be made into a file for exporting can be filtered by range and boundaries.

Using both of these filters will reduce the turning points included in the file.



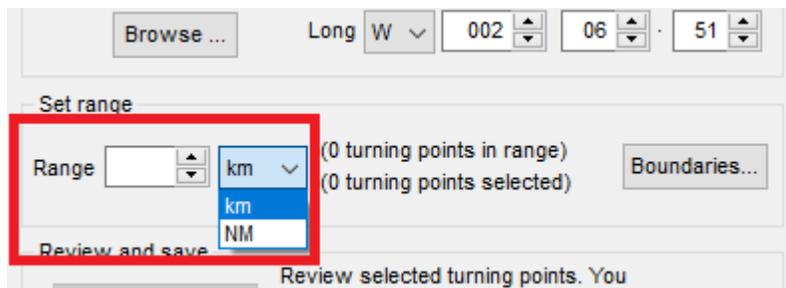
Set range

Range 200 km (622 turning points in range)
(155 turning points selected) Boundaries...

In the example above, out of the 1296 waypoints on the BGA list (at time of publication), there are 622 within the 200km range of the origin, and 467 of these have been excluded by other boundaries - leaving 155 selected for the file.

2.5.1 Range

Edit the range of waypoints that are included (the range is the radius of the ring that sweeps around your set origin) by typing in the number and specifying the units (either kilometers or nautical miles).



Browse ... Long W 002 06 51

Set range

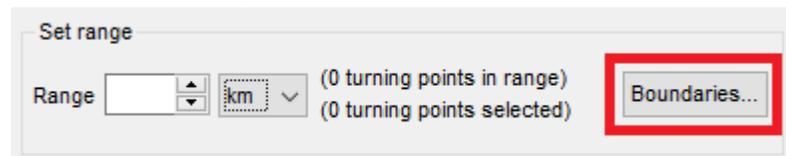
Range (0 turning points in range)
(0 turning points selected) Boundaries...

Review and save

Review selected turning points. You

2.5.2 Boundaries

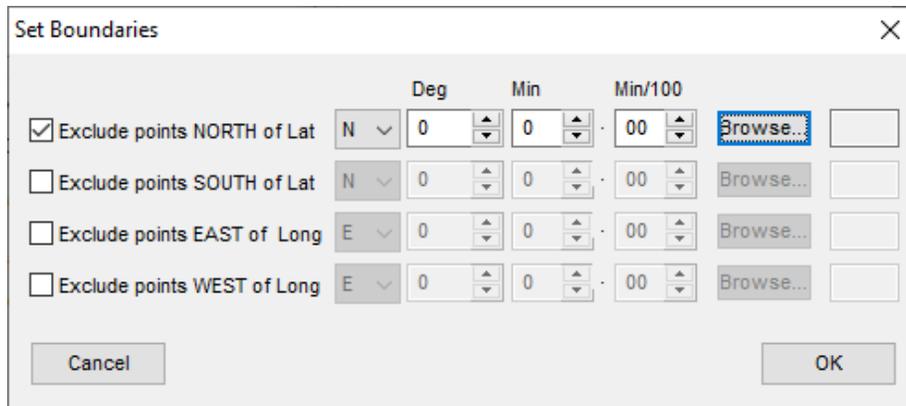
Boundaries can exclude waypoints north, east south and west from certain coordinates or other waypoints. To set these boundaries, click on "boundaries"



Set range

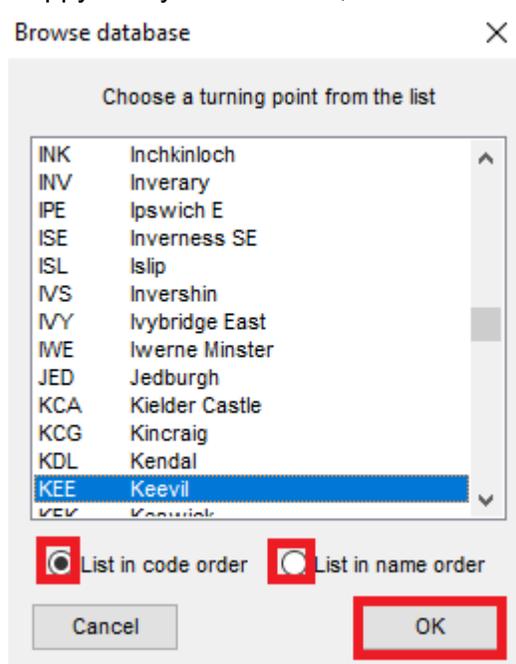
Range (0 turning points in range)
(0 turning points selected) Boundaries...

This comes up with another window:



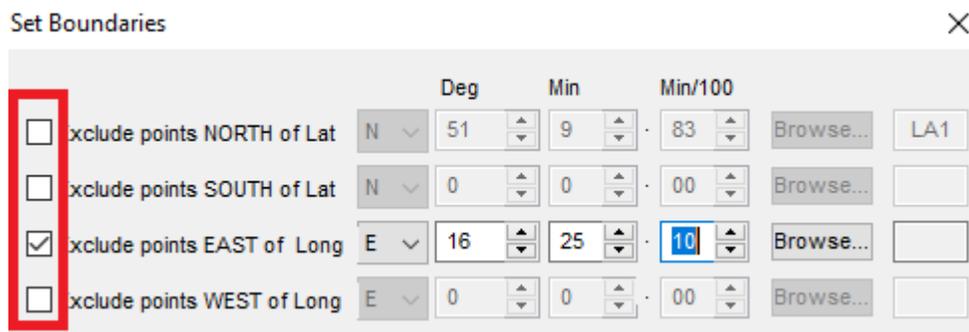
You can either type in a Lat (north/south) or Long (east/west) or browse for a waypoint by clicking on “browse”.

This will bring up a list of waypoints and you can either sort by the 3 digit code or the name of the waypoint. Once you are happy with your selection, click ‘ok’.



You can go through each exclusion and follow the same process.

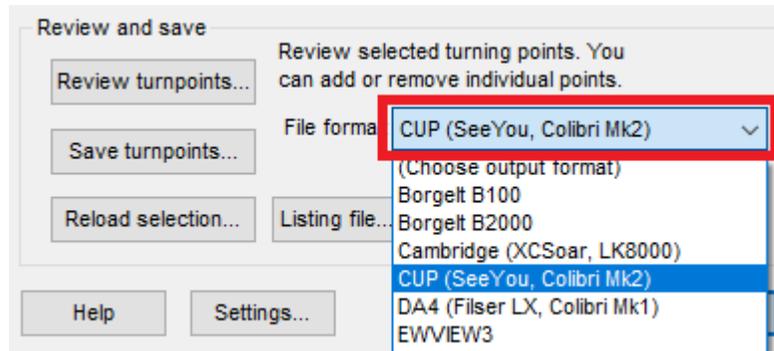
You can enable and disable the exclusions by ticking/unticking the boxes:



Note (seen on top line) that if you select a reference for the exclusion, even if you untick the box, it will save your input.

2.6 Review & Export

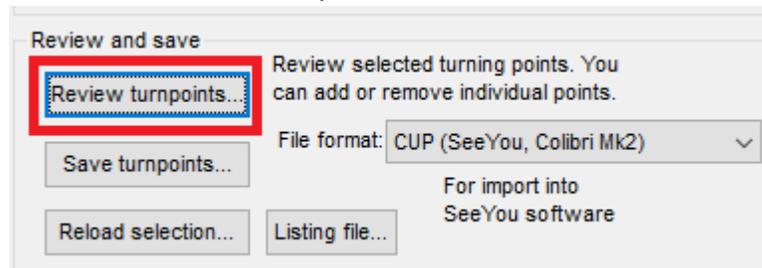
It is recommended that the formatting is set before reviewing and saving. For SeeYou (like previously), select CUP format:



2.6.1 Review Waypoints

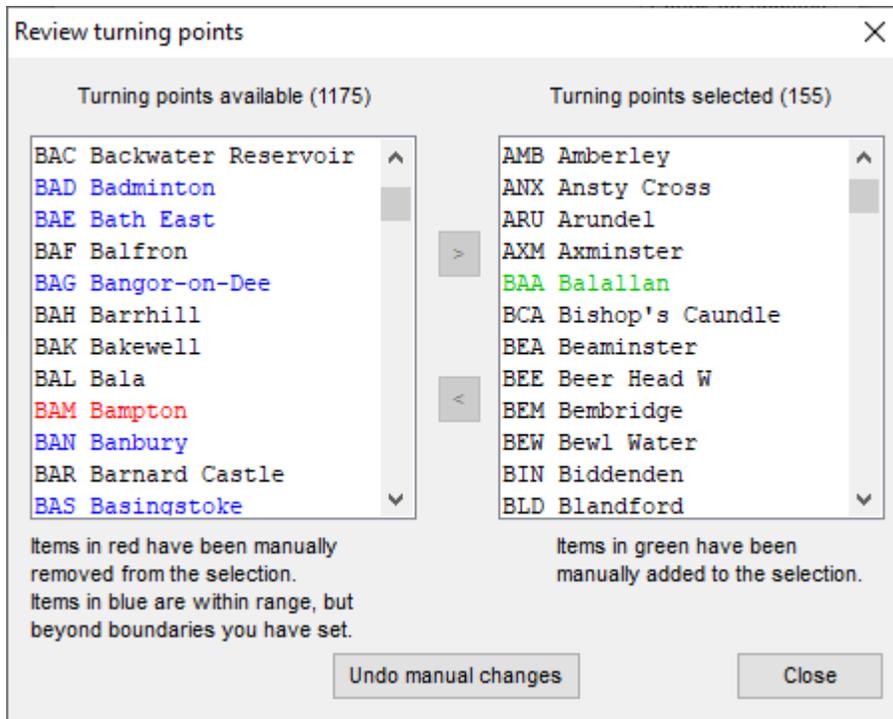
Reviewing waypoints

From the main window, select "review turnpoints":



This will bring up two columns: Available Turning Points (not on the file) & Turning Points selected:

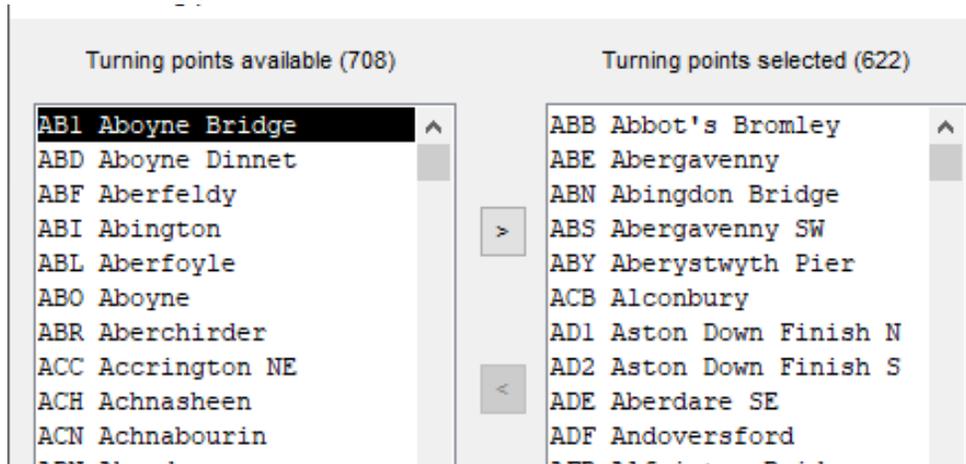
The "turning points selected" has been created from changing the range and boundaries (see above, section 2.5). There are 1175 turning points 'left over'. In this window you can manually move turning points from 'left over' into the file you will be creating for export.

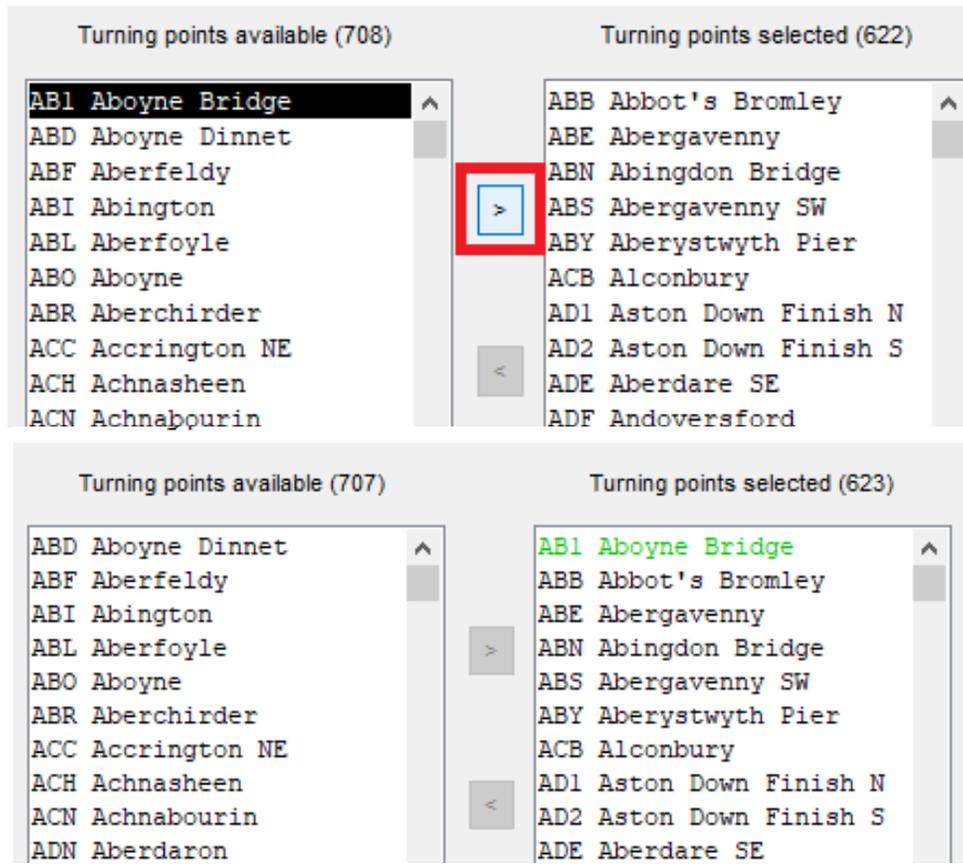


As stated in the picture:

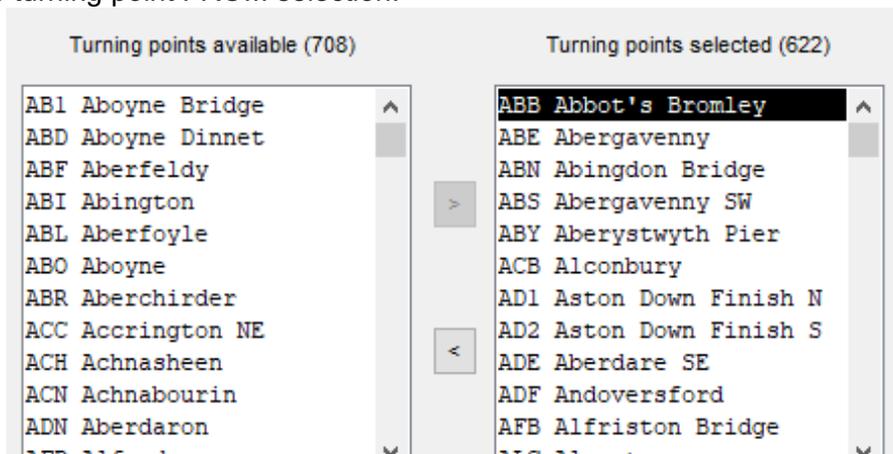
- Red have been manually moved out of the selection
- Blue are within the range set, but have been excluded by boundaries
- Green have been manually added from the available list to the selection

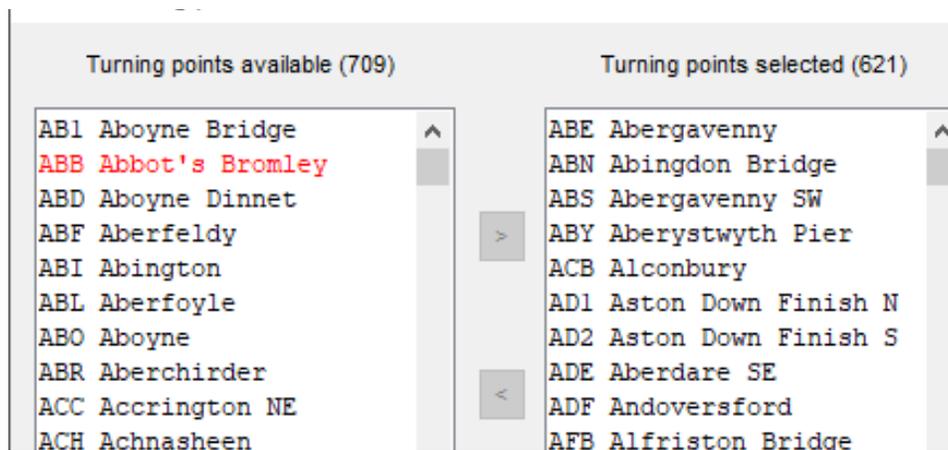
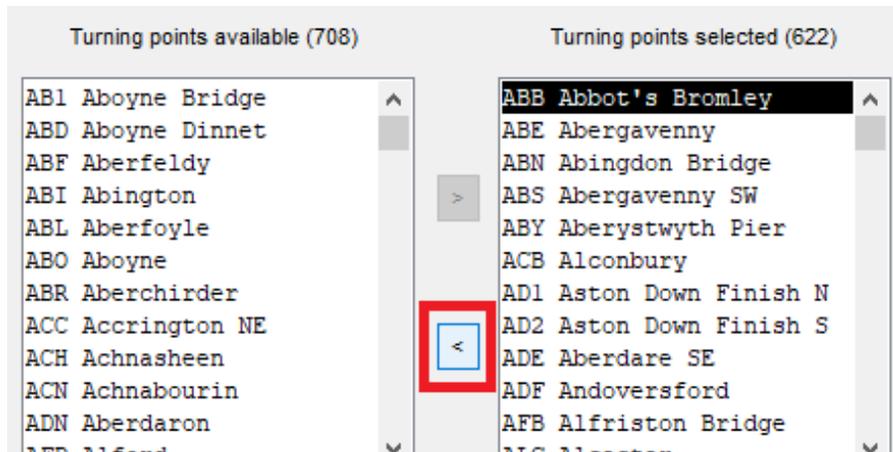
How to move the turning point TO selection:



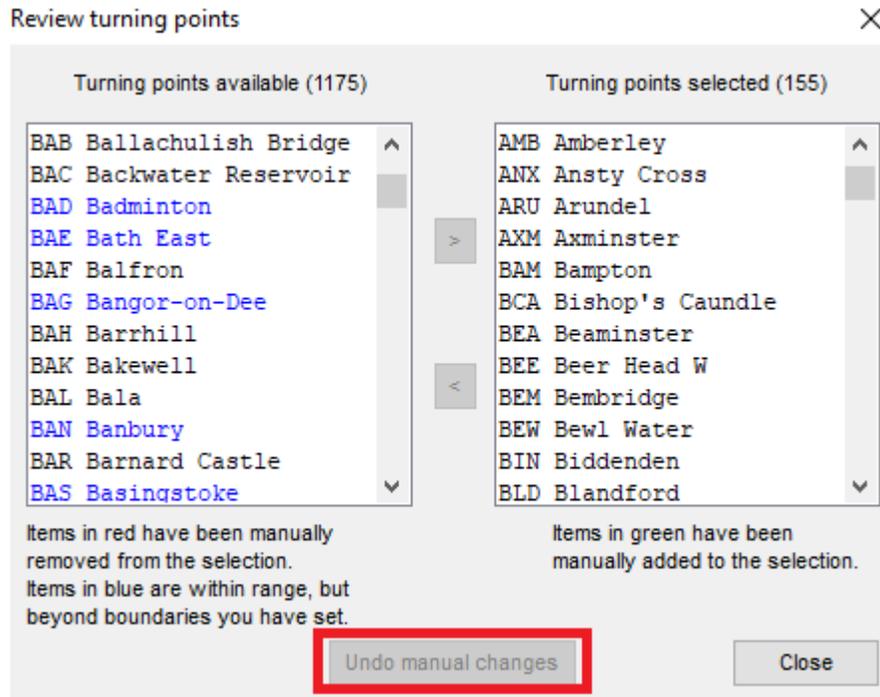


How to move turning point FROM selection:



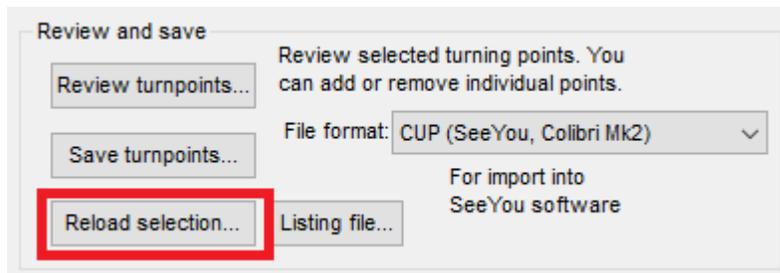


To undo any changes you have made, click the “Undo manual changes” button. Note that it undoes ALL of the changes, not just the last one.



2.6.2. Reloading waypoints

In TpSelect you can edit existing CUP files (selections of turning points).
Click the "Reload Selection..." button

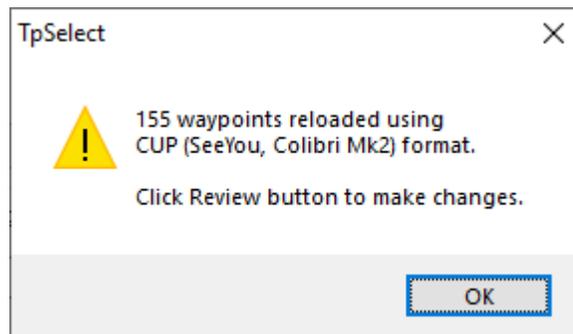


This will open up a directory where you can select the file you want to open:

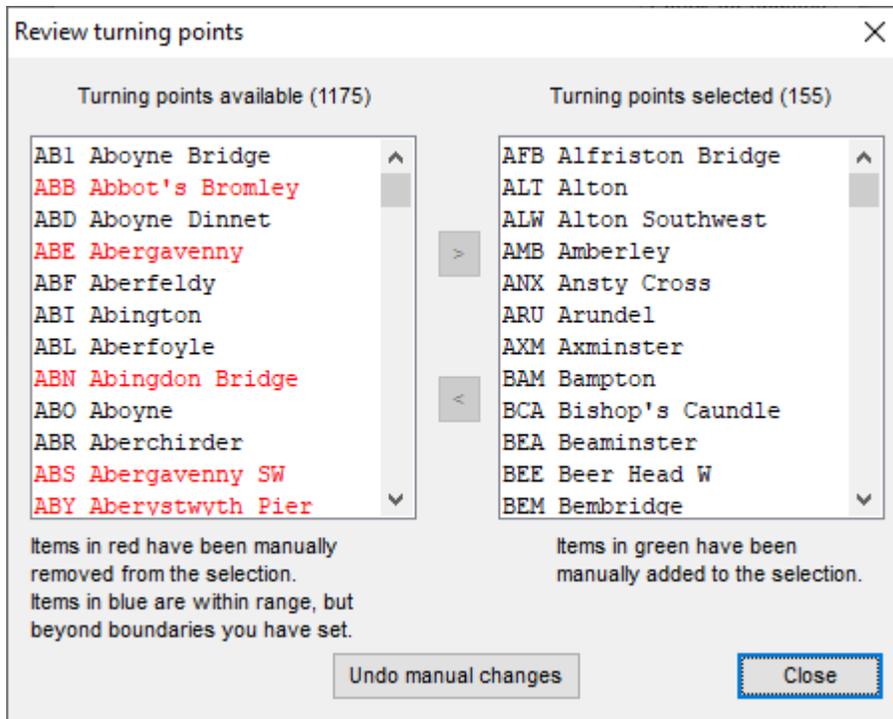
Name	Date modified	Type
Traces	26/01/2019 11:52	File folder
competition.CUP	27/01/2019 17:47	SeeYou Waypoint ...
DemoCompWaypoints.CUP	26/01/2019 11:56	SeeYou Waypoint ...
TpKEE155.cup	29/01/2019 22:15	SeeYou Waypoint ...
TpKEE459.cup	27/01/2019 17:16	SeeYou Waypoint ...
TpKEE459SWaypointCodes.CUP	27/01/2019 17:38	SeeYou Waypoint ...
WingFarmFail.cup	27/01/2019 19:21	SeeYou Waypoint ...
WingFarmSeeYouCreated.cup	27/01/2019 19:28	SeeYou Waypoint ...



Once the file has been selected, the following dialogue box will be seen - this just informs you that any waypoints viewed now are from the file selected.



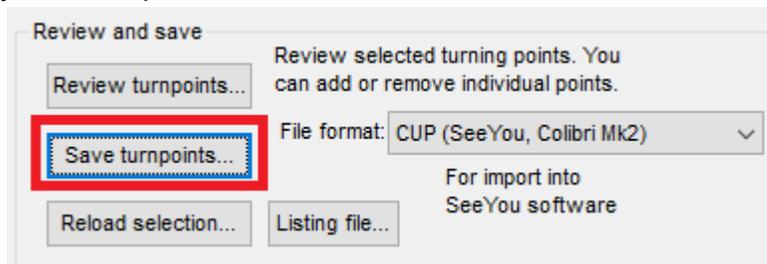
You can now follow the same steps as above (review and save - sections 2.6.1 & 2.6.2) to change the waypoints within the file:



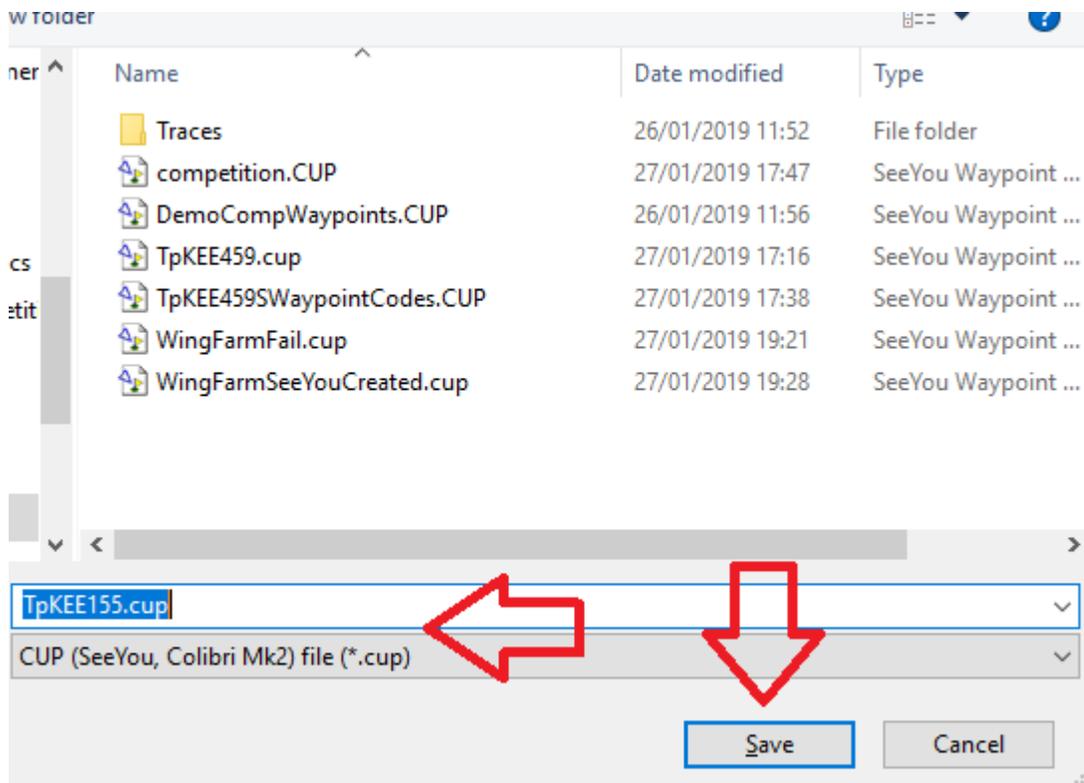
Be aware that when you save an edited reloaded file, the automatic naming of the file occur, which will be different from the one you reloaded to start off with. You can simply rename the file when it comes to save (see section 2.6.3).

2.6.3 Save waypoints

Once you have reviewed your waypoints are are happy with the selection you can save them. Double check they will be exported in the desired format and then click “save turnpoints”:



It will bring up the directory, and it will save the file with an automatically generated name of “Tp [3 code ID for origin waypoint] [number of waypoints in the file] .cup” You can rename this file if you wish. Then click “save”



The .CUP file will then be saved where you chose and can then be loaded into SeeYou or onto Soaring Spot.

It is recommended that you load the file into SeeYou to check before Publishing on SoaringSpot. You can do this by following the steps in 1.7 of the scoring guide on page 21.

Annex C - Scoring Script Guide

This guide will talk you through downloading and setting up the standard scoring script which is approved by the BGA each year.

Once the script has been set up (following the instructions in this guide), it can then be imported (using “1.9 Uploading a scoring script”). As mentioned in “2.1 Setting up a Day in SeeYou” (of main Scoring Guide), using the contest properties tab, you need to ensure the respective conditions are selected in SeeYou. Furthermore, when it comes to scoring the traces, the wind needs to be entered into tag box (See 2.5 Contest Wind of Scoring Guide).

Downloading the script

Go to the BGA website and download the latest SeeYou Scoring Script:

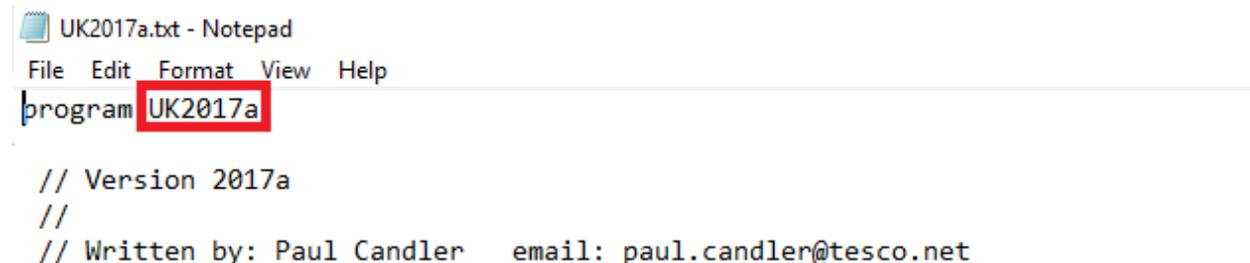
<https://members.glidering.co.uk/library/information-for-organisers/seeyou-competition-scoring-script/>

This link may change as new versions are released, search for the most recent version available on the website.

Open the zip file so that your computer detects the text file. You can select an editor and edit the script through SeeYou, but simply opening the .txt file in Notepad (or equiv) will also do the job.

If you are running multiple competitions, you will either want to put the scripts for each competition in a different folder and/or rename the files.

Note: changing the file name in a directory won't change the name that SeeYou detects - you will have to change the name on the topline of the text file:



```
UK2017a.txt - Notepad
File Edit Format View Help
program UK2017a

// Version 2017a
//
// Written by: Paul Candler email: paul.candler@tesco.net
```

Read through the important information at the top, especially if this the first time of processing this script.

Setting the Competition Type

To ensure that the script uses the correct code for the type of competition you are scoring:

1. Add '\ ' in front of CompClass = '?'
2. Remove '\ ' from in front of the class that you are going to score.

For example, for a regionals it should look like this:

```
#####  
//CompClass = '?', ←  
//CompClass = 'Open Nationals', ClassVariables = '',  
//CompClass = '18m Nationals', ClassVariables = '1,50,100000,200000,40,150000,7200,1.18,250,200,0',  
//CompClass = '15m Nationals', ClassVariables = '1,50,090000,180000,36,150000,7200,1.10,250,200,0',  
//CompClass = '15m&Std Nationals', ClassVariables = '1,50,090000,180000,36,150000,7200,1.04,250,200,0',  
//CompClass = 'Std Nationals', ClassVariables = '1,50,090000,180000,36,150000,7200,1.04,250,200,1',  
//CompClass = '20m Two Seater Championship', ClassVariables = '1,50,080000,160000,32,150000,7200,1.00,250,200,0',  
//CompClass = 'Club Nationals', ClassVariables = '1,50,090000,180000,36,150000,7200,1.04,250,200,1',  
//CompClass = 'Handicapped Nationals', ClassVariables = '1,50,080000,160000,32,120000,7200,1.00,250,200,1',  
//CompClass = 'Junior Championships', ClassVariables = '1,50,080000,160000,32,150000,7200,1.00,250,200,1',  
CompClass = 'Regionals', ← ClassVariables = '0,40,060000,120000,30,080000,7200,1.00,000,000,1',  
#####
```

Using designated starts

As stated in the script, you only need to worry about the version number of SeeYou if you are going to be using Designated Starts.

If you are using a version of SeeYou later than 8.2, then you can leave this section of script as it is:

```
SeeYouVersion = '>8.2';  
  
// ***** If you are not using Designated Starts you can ignore SeeYouVersion.  
// If you are using Designated Starts and using SeeYou v8.2 or earlier, then remove the line above and then remove the double slash  
// from in front of the next line.  
  
// SeeYouVersion = '8.2 or earlier';
```

If you are using a version of SeeYou that is 8.2 or earlier, then you need to follow the instructions, and the script should end up looking like this:

```
// SeeYouVersion = '>8.2';  
  
// ***** If you are not using Designated Starts you can ignore SeeYouVersion.  
// If you are using Designated Starts and using SeeYou v8.2 or earlier, then remove the line above and then remove the double slash  
// from in front of the next line.  
  
SeeYouVersion = '8.2 or earlier';
```

Annex D - IGC Ranking List ID Creation

1. Go to www.igcrankings.fai.org/ click on pilots > Add a new pilot

Competition	Date
Czech Junior Championship	31 July 16
Coppa Internazionale del Mediterraneo	1 August 16
German Junior Championships	1 August 16
Concours International de Bailleau	2 August 16
Canadian National Championships	3 August 16
Qualification Competition Lachen Speyerdorf	4 August 16
FAI Sailplane Grand Prix, Germany	6 August 16
Championnat de France Juniors	6 August 16

2. Fill in your details

NOTE : Before adding, please make sure you are not already in the ranking list !

First name:

Surname:

Nationality:

E-mail:

Password:

Confirm password:

What is 41+1? (the answer is 42)

3. Note your IGC ranking list ID

4. Complete more of your details

Click here to change your password [Change password](#)

Pilot ID Number: 9588

Only the details below can be edited.

Pilot Surname:

First Name and Initials:

Gender: Not set Male Female

Date of Birth (DD/MM/YYYY):

Home Club:

Occupation:

Email address:

Nationality (NAC):

FAI Licence no.:

Receive emails about changes in your ranking position

Please keep your glider information up to date - it is very useful for setting up competition details for organisers

Class	Glider	Reg	Comp No	Logger 1 s/n	Logger 2 s/n
15m	<input type="text"/>				
18m	<input type="text"/>				
open	<input type="text"/>				
std	<input type="text"/>				
club	Standard Cirrus	G-CHKD	E	ALXV30D	<input type="text"/>
20m	<input type="text"/>				

German Junior Championships	1 August 16
Concours International de Bailleau	2 August 16
Canadian National Championships	3 August 16
Qualification Competition Lachen Speyerdorf	4 August 16
FAI Sailplane Grand Prix, Germany	6 August 16
Championnat de France Juniors	6 August 16
Offenes Märkisches Vergleichsfliegen	9 August 16
Coppa Città di Rieti	14 August 16
British Junior Championships	20 August 16
British Nationals 18m	20 August 16
Sudwestdeutsche Segelflugmeisterschaften	20 August 16
KeiheuvelCup 2016	20 August 16

Ranking lists summary

Overall ranking



1. Sebastian Kawa
2. Michael Sommer
3. Karol Staryszak

IGC 20M Teams

5. Please send the scorer an email to confirm you IGC ranking list ID so it can be added to your competition entry.