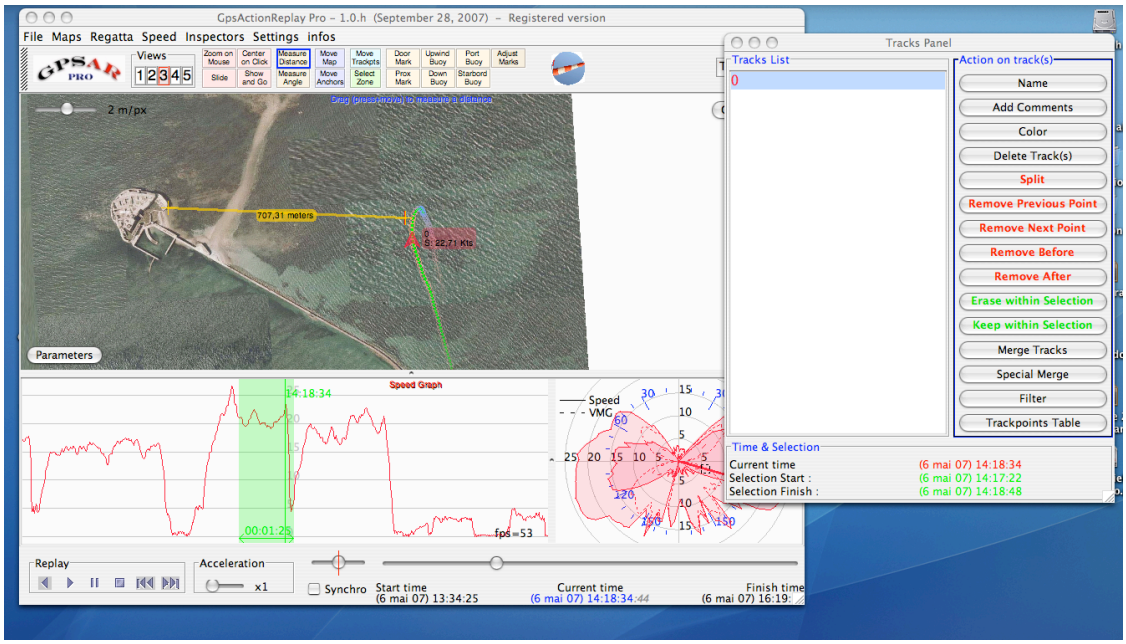
GPSACTIONREPLAY-PRO SOFTWARE

QUICK GETTING STARTED

Software version 1.1

This manual is the very short version of the comprehensive manuel (downloadable on www.gpsactionreplay.com) for people who want to get their speed results quickly.

www.gpsactionreplay.com



A. Install & Run GpsarPro

It's very fast and easy in most of the cases, including Windows, Mac and Linux

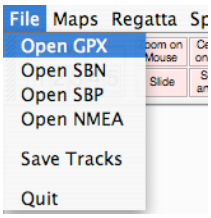
1- Download : download the latest version of GpsarPro on http://www.gpsactionreplay.com (we assume a 1.1 version or later for this manual). Save the file distributionGpsarPro10h.zip on your system.
2- Unzip this file (a double click should do the job), with a zip tool. You get a folder « distributionGpsar1 » folder which contains everything you need to use and run GpsarPro
3- Double click on « gpsarPro.bat » if you're using Windows. It'done. If you're using Mac Os X or Linux, open a shell, go to this folder, and type the command « sh gpsarPro.sh ». Note that in both case (windows or other system) you can double click on « gpsarPro.jar », which does the job too, but in this case the program will get LESS MEMORY to run than if you use the .bat or the .sh command
- Troubleshooting ? If it doesn't work, it simply means that the Java Machine isn't installed yet on your machine (it's installed on most of any recent system). Anyway, you can get it from java.sun.com. There is a link that redirect your browser depending on your system : http://java.sun.com/webapps/getjava/BrowserRedirect?locale=en&host=www.java.com:80
Then go back to 3 to run GpsarPro.

B. Load a Track

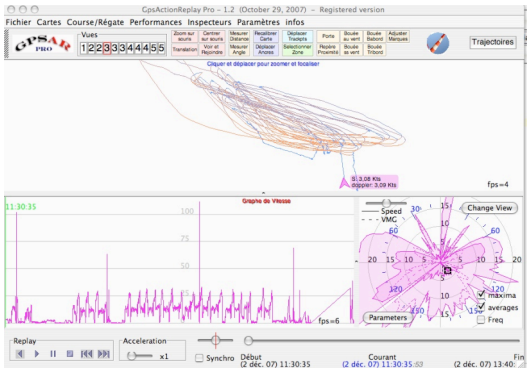
First, you need to get a file from your track :

- Garmin : use G7TOWIN with Windows system, or GpsBabel with MacOSX or Linux, and save track as **.gpx** file.
- GT-11 : set your GT-11 to get **.sbn** files (important : set « ON-FIX » to get only points when your device gets satellites view)
- With other devices, you use a dedicated software to get **.gpx** or **.nmea** file

Once in GpsarPro, load your track(s) with the relevant menu (gpx, sbn, sbp or nmea) :

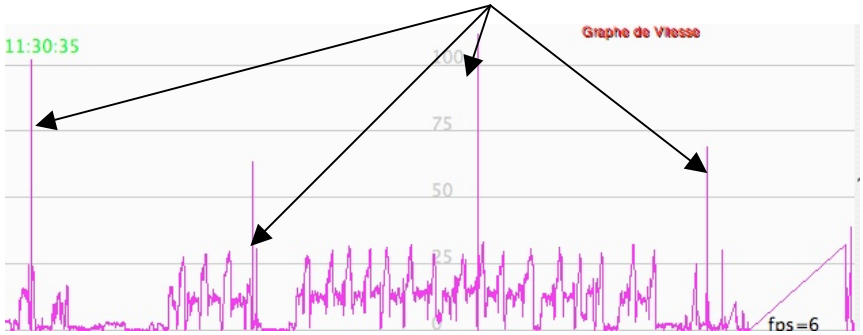


Then you get the track in the views in all windows :

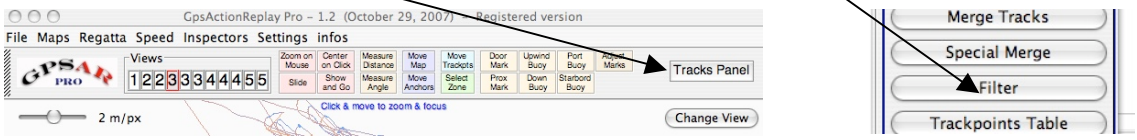


C. Check and filter Data (removing spikes)

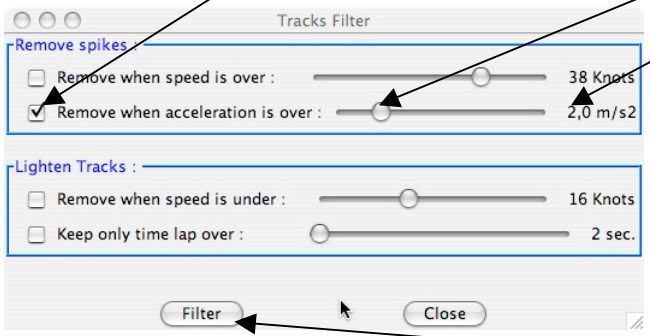
Have a look to the speed graph to get a quick overview of bad points (spikes). In this, example, you can see that about 4 zones contain spikes (and the scale is up to 100 knots !)



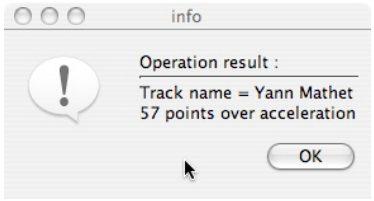
Then click on « Tracks Panel » button, and then click on « Filter » :



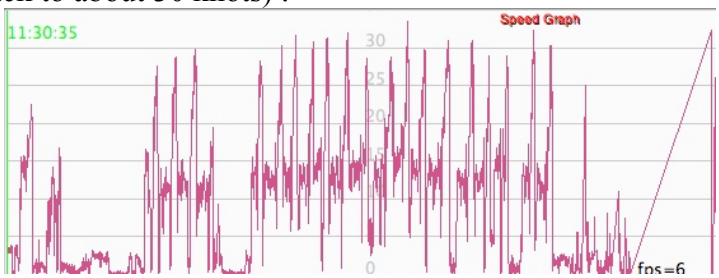
Check the « remove when acceleration… » box, and set its slider to 2,0 m/s2



These settings will be stored till next time. Now click on Filter, and you get the results window :

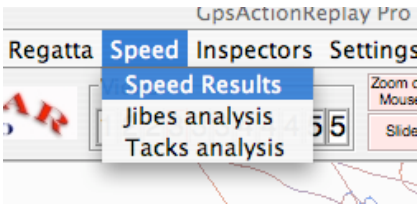


It's done ! As a consequence, you can see now in the speedgraph that there is no spike left (and scale is back to about 30 knots) :

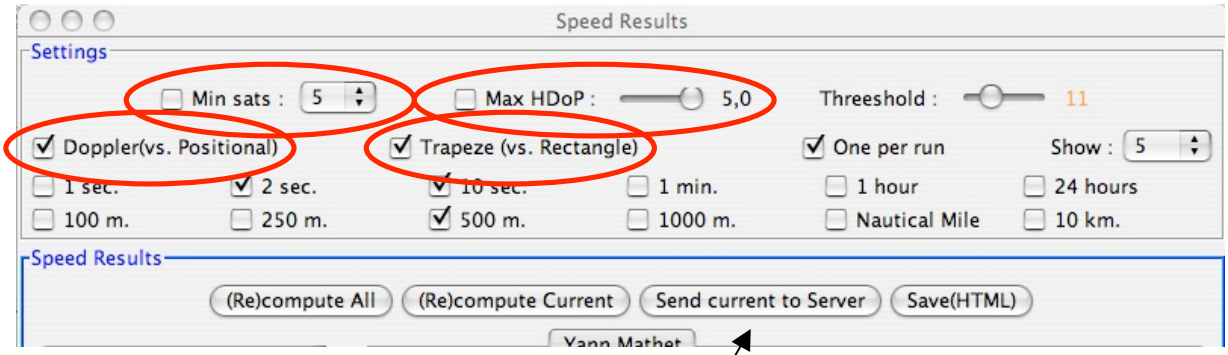


D. Compute and Send Speed Results

To get results from your tracks, choose « Speed results » in « Speed » menu :



You get a special user interface dedicated to speed performance.
You can change settings and then, each time, click on « recompute all » to see the results.
Before sending your data to gps-speedsurfing, 4 settings only are important

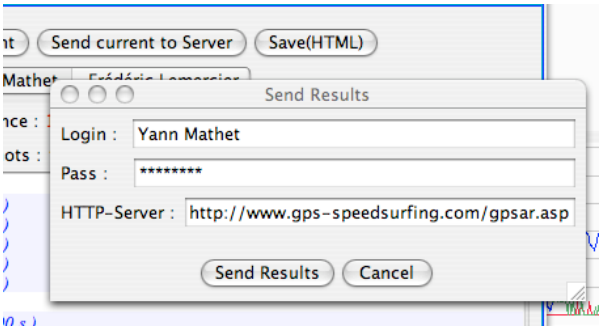


I recommand you set them as follows :

- **Doppler** : Checked with GT-11 (our example), Un-Checked with Garmin
- **Trapeze** : Checked (better accuracy of computation)
- **Min Sats** : Un-Checked if you're using Garmin, as you wish with GT-11 (if you don't know about it, keep it unchecked).
- **Max HDoP** : same as Min Sats

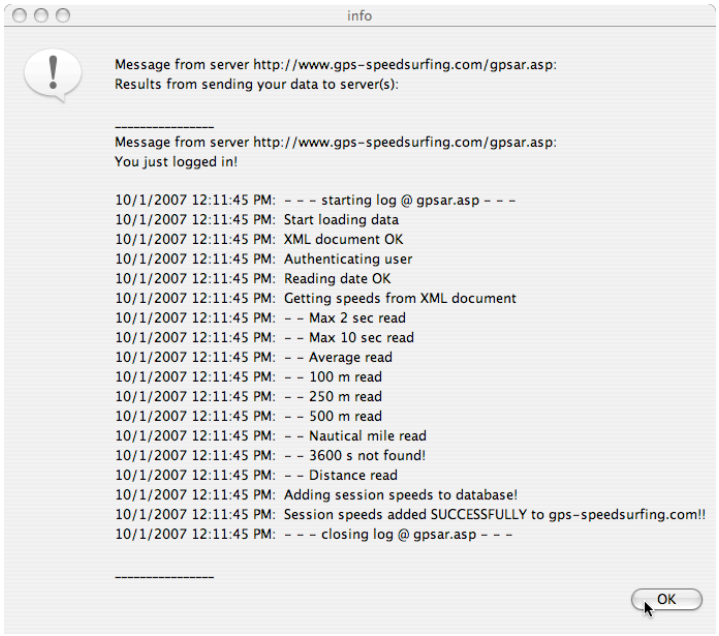
All other settings are automatically set specifically for gps-speedsurfing when sending your data, whatever your own settings in the interface (for instance, « One per run » is considered Checked, even if you haven't checked it, to cope with gps-speedsurfing rules).

Now, you can click on « send current to server »



Enter you name (first name, last name, as you did when registering to the gps-speedsurfing or gps-kitesurfing site).
If necessary, change the HTTP-Server address. By default, it's already set to gps-speedsurfing, so you'll have to change it only if you want to send to gps-kitesurfing.
All these settings are memorized by GpsarPro, even if you re-start, so you won't have to change it each time.

Then click on « send results », and you'll get a response from the server within seconds :



If you get this message, everything is OK, and you can connect to the website to validate your result.

It's done !

For detailed information, please refer to the full manual.