First launch

Immediately after its first launch, contact the license server for a test, IGN license valid for 7 calendar days (*). It is therefore essential to have internet connectivity for this key. A message informs the activation key.

Simultaneously, the first map tiles appear. Called small square tile images that make up a map.

(*) Is deducted each day the application is used.

At startup,

displays the map of France on a large scale. Briefly, at the bottom of the screen you see a toolbar appear to signal its presence, then retract.
From that iPh iG éN ie has a location (by GPS or phone triangulation) the card is automatically zoomed and centered on this position. In the preferences, you can choose what level display according to the location accuracy.

**The permanent bar tools**

At the bottom of the screen is the toolbar base. It is transparent to reveal the card to the maximum. It has three "buttons":

- On the left, the button "crosshairs." It has a dual
function. If the card is not framed around the position of a touch on the button reframes with the cursor position in the center. On the other hand, the card is briefly darkened to highlight the cursor position. If it is already in, it makes it easy to place on a busy background.

- In the center, the copyright notice is an important button by touching it, it shows the toolbar second level. This is displayed 5 seconds and back down if no button is touched.
- On the right, the "scale" button. It is also an indicator displaying the current value of the scale and extent of corresponding distance. A touch of this button zooms, backing toward the upper level.

**Framing and Scaling**

We frame the card simply by moving a finger.

To change the scale (zoom) several possibilities:

**Classic:**

1. A double tap on a point on the map to refocus on this position **and** change of scale (zoom in).
2. Zoom out by a key symbol on the scale at the bottom right.

**iOS:**

- Zoom with two fingers, pinch to zoom, distance to zoom. It is also possible to center the map in these operations.

**View a region other than where you are**

- If you leave the cursor position visible part, the card is more focused automatically. To reactivate the automatic centering, touch the button "crosshairs" on the bottom left.
- By displaying maps large scale (zoom), locate the area you want to view.
- Double tap on the area in question to be closer again.

**The automatic caching tiles**

This feature is still operational, **with or without optional modules**.

Any tile displayed at least once is available in the device memory until the expiration of the license. So just look at a map when a network connection is available to use it then, even without network.

**Airplane mode**

**Warning:** With the flight mode, GPS is inoperative. This is a comprehensive limitation of iOS and is not specific to iPhGéNie.
Tools

It accesses several advanced application by the secondary toolbar functions. A button on the copyright bottom of the screen shows the bar.

This toolbar is detailed in this section of the manual, which in turn refers to each function.

Some features are only available with the purchase of optional modules:
Vmax: final purchase. Provides access to extended functions, bookmarks, traces balisGPS, melted, printing etc..<br>Cache installment: automates loading maps with configurable zones. The second cover is added to the lookup cache by default.

Purchase license page info

The info page is detailed in this article. It is accessed by the right button of the secondary toolbar above.

To purchase a module (optional) and / or IGN subscription license (required after the initial trial period), you must:

- touch the center of the main toolbar to display the buttons
- touch the "info" button (the i in a circle)
- on the info page, touch the blue chevron button "buy renew" box
- enter the password for your iTunes account
- touch the red button on the selected purchase.

The cursor position can take many forms.

At the stop, he as "spinning." Every 7 seconds he makes a move pump to help locate it in the context of map loaded.

Moving, it goes down, align in the direction of displacement and rotation leads to indicate movement and remain visible on the base map.

The color of the pointer can be selected in the preferences of the application (via the "Settings" application of the system). The "alternative" option automatically changes the color. This mode provides the best visibility on all funds.

The pointer is surrounded by a blue halo appearing on the scale, the accuracy of positioning. When the halo is troublesome is the case when precision is low, you can disable it.

Disabling halo precision:

Double tap on the cursor position. Reactivation of the same.

Information bubble
A pat on the router displays a bubble with the position and accuracy of GPS. This bubble follows the pointer. We delete it as bubble benchmarks touching.

### Manual stop GPS

It is possible to stop the GPS, a double tap on the button reticle on the main toolbar. This can significantly save battery power. GPS is reactivated by a simple tap on the same button, which implies a shift of position on the map.

**Tip:** ClicCool posted on the forum an interesting trick to cut the phone without turning off GPS and increase autonomy.

### Proximity sensor

This preference (via the Settings app -> iPhGé Nie) saves the display consumption. If the device is in a pocket or hidden by a flap sensor, the screen turns off. The application remains active and GPS according to the previous setting.

### Consumption in the background

A global setting "auto-off" (via the Settings app), enabled by default, led to stop the system (GPS) when the application is sent in the background (main button) and that no trace is being recorded. In this configuration, iPhGé Nie is dormant and does not consume battery. The context is completely preserved when the application is brought to the foreground. There may be a deadline for the position is updated correctly, depending on the time of suspension.

Do not let too long in the background because the system can decide if the complete foreground application consumes a lot of memory, Safari for example.

If a track is being recorded, or the GPS function activated, the GPS is not cut. The track is recorded normally and the battery is empty at the same rate in the foreground, perhaps more if another function is running (phone, web, etc.). When the application goes into the background icon is badged to indicate when the GPS is active. The number on the card can be 1 or 2 depending on the active functions (trace recording in
progress, active GPS tag).

It will benefit the autonomy to use the timeout option of GPS to limit consumption. This function is now stabilized. GPS is on time to obtain a sufficiently accurate then stopped position. More the delay is long, the better self. Of course the track will be less accurate. About compromise.

It is easy to check the mode of consumption it is by checking the presence of the icon in the location (picture below cons) status bar. If the icon is not present consumption is normal (low), it is present consumption is strong. In timed mode you see the show the time required to find the correct position. Important This is managed by the system (iOS4) icon, it is not specific to iPh iG éNie. If another application uses the GPS location, the icon will be present and the high consumption, even that iPh iG éNie is dormant. The reference manual stop an application, below are still useful for closing other applications that consume.

If "Automatic Stop" is disabled

Select this mode can be useful in certain circumstances, in a car with food for example. GPS and battery consumption are then kept in the background, with or without current track. The security below remain operational.

Additional security

How easy it is to send iPh iG éNie in the background with a current track and forget, it is certain that it will happen. iPh iG éNie has several safety checks to avoid unnecessary empty the battery.

1. Stop GPS and break the track in the background if the position remains stable over 30 minutes.
2. Stop GPS and break the track in the background if the position accuracy is poor for more than 10 minutes.
3. Stop GPS and break the track in the background if the battery charge drops below 25%. When iPh iG éNie is in the foreground, an alert is displayed. We can then force the active GPS touching the crosshairs button. This is the only way to drain the battery beyond 25%. Load testing is done every half hour.

However, the first two safeties are not
conditioned GPS positioning. If a sporadic operation in an area of poor reception intermittent alternating good and bad positions, they can fail.

Safety on the load is more reliable and should avoid the inconvenience of the iPhone "death."

**Memory**

Below is the manual shutdown of an application. It is useful to restart the application.

Total cessation of **iPh iGiN** :

- If **iPh iGiN** is displayed, pass it in the background by clicking on the Home button.
- Double-click the same button to display the main active applications.
- Hold the key icon to **iPh iGiN** for "dancing icons"
- Tape the red button termination of **iPh iGiN**.

**GPS Option**

See the chapter on GPS options to optimize the settings and lower consumption.

There are several toolbars in **iPh iGiN**.

At the bottom of the screen, the main bar remains visible permanently, semi-transparent. It is the most used buttons: automatic crop and scale indicator / zoom out button.

In the center of the bar, the copyright text is a button. A pat on it shows the removable toolbar the. It gives access to the main functions of **iPh iGiN**.

Most functions called from the bar have their own retractable toolbar.

From left to right in the picture: counters, card functions (choice of layers,
Scale (zoom) Change: the iPhone gestures - pinch gauge - works as expected. Alternatively: Zoom in by double tap. Zoom by pat on the scale indicator.

Since iOS4, the zoom 3 fingers keeps optical zoom without changing scale. It must be enabled in Settings-> General-> Accessibility> Zoom.

Full shift finger.

If no position is possible, there is no cursor and button trimming is always grayed out.

No position (no GPS, prohibited location, GPS initializing).

Active GPS. A pat on the icon center the map. To disable automatic framing, move the pointer out of the box (and release the finger).

Touch the icon has two consequences: reactivation of the automatic framing and contrast effect on the cursor to locate. Indeed, if we look for the slider is that you want the automatic scaling mode. The effect of cursor by darkening of the map allows you to view the cursor. In addition, the cursor is refocused if the automatic framing mode was not active.

GPS stopped manually by a double tap on the reticle. Battery Save button. Re-activation slap.

Note on the operation of the automatic scaling

Many users are surprised that the framing of the card does not position the cursor in the center. This is deliberate: the delineation algorithm takes into account the cursor and anticipates moving the card to reveal the maximum road ahead.

Switching mapping

Since v4.0, you can switch the display between the different maps available: the IGN are the heart of the application and open source OpenStreetMap mapping.
This chapter is valid from v5 (July 2013). For v4, see this page.

The toolbar.

This toolbar allows the selection of displayed layers and fused between layers. From left to right:

- button closure
- button for selecting the base layer (background)
- cursor fade and two buttons to switch directly stop the plans.
- the selection button layer foreground.
- see specific page print on the last icon on the right of the bar.

On the picture against the shore and melted layer superimposed on the standard mapping IGN.

Warning coastline mixed layer is primarily intended for the general public and practicing sports tourism seaside Only cards SHOM (and their digital versions) are used for marine navigation.

Maps and layers.
Each selection button opens a table displaying the available map layers grouped by source. At the time of writing, four sources are operational, the French IGN - IGN (F) - OpenCycleMap, the Cartographic Institute of Catalonia and the National Geographic Institute of Spain - IGN (ES). Others will be added depending on availability.

Some layers are transparent in nature - cadastre, administrative boundaries. They are distinguished by a specific icon. These layers can not be selected for the background:

- The background, the base layer to the left of the cursor fade, can have an opaque layer (no icon).
- The foreground to the right of melted cursor may include an opaque layer and one or more transparent layer.
- There must always be at least one active layer in the plan.
- Touching an opaque layer deselects another active opaque.
- Check a transparent not uncheck the others. They can shoot by touching again.
- When a transparent layer is selected, you can deselect the opaque touching again.

<table>
<thead>
<tr>
<th>Cartes litorales</th>
<th>OpenCycleMap (Gravitystorm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Photos</td>
<td>OpenCycleMap</td>
</tr>
<tr>
<td>Cadastre</td>
<td></td>
</tr>
<tr>
<td>Limitesadministratives</td>
<td></td>
</tr>
<tr>
<td>Etat-major 19ème siècle</td>
<td></td>
</tr>
<tr>
<td>Cartes évolution &quot;classique&quot;</td>
<td></td>
</tr>
<tr>
<td>Cartes évolution &quot;pastel&quot;</td>
<td></td>
</tr>
<tr>
<td>Cartes topographiques</td>
<td></td>
</tr>
<tr>
<td>Cartes topographiques</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cartes</th>
<th>OpenCycleMap</th>
</tr>
</thead>
<tbody>
<tr>
<td>Photos</td>
<td></td>
</tr>
</tbody>
</table>
Layers option and provisional

The specific functions of caching allowances only work if the map source allows the mass loading. To date, this is the case of Spain but not in Catalonia or OpenCycleMap.

Melted and transparent layers

Cursor melted for the determination of the opacity foreground.

If the foreground has transparent layer is melted double relaxation. He lowers Max mini stroke and a half when Max returns to the cursor in the middle.

- If there are only transparent layers before a background is added on the right course for a better readability depends on the background layer plane.
If the foreground has an opaque layer there is a background but added double melted operates on only transparent. This allows several combinations fused with a single slider.
Automatic activation of the background

Normally, if the foreground is completely opaque, the background is not active to avoid unnecessary load tiles. Once the foreground is partially or completely transparent, the background is active. If multiple channels are displayed simultaneously on the load increases proportionally to display - and the network if the tiles are missing.

A special case is where the foreground provides a layer happens at the limit of its territorial coverage. In this case, whenever there is a missing tile the background is enabled. Su the image below you can see the tiles of the coastal layer have only partial coverage and the rest of the picture is the "evolution" in the background layer.

We therefore always of interest to choose a background cover wider than the foreground. For example if you put in Catalonia in the foreground, it is wise to put Spain back or OSM.
Color cadastre

The overall color preference cadastral determines the loading of the tiles in either color. The color change is therefore not visible on the tiles loaded after changing the preference. To force all the tiles in a color, you must purge the scales cadastre to remove the tiles in the old color.

To orient the map to the north must be fast enough "triple tap" (<1s) on the map. The same action brings the card in the reading direction.

This function uses the internal compass (azimuth) for devices that have them. It therefore runs automatically if you turn in
place and allows you to approximate bearings. It is quite convenient to identify such peaks.

For devices without an internal compass, the heading is used. This only works if you are moving. The increase is hardly used here, but it helps to have the map "in the direction of travel."

A preference option to orient in the direction of the compass devices. Moving, this setting is more stable.

In the rotation mode, normal zooming and moving the map function normally.

**iPhone 4 + Retina** and **iPad**, users can enjoy a display mode tiles in **high resolution**.

This mode is accessed via the **Info** page that displays a switch at the top:
When activated, the tiles are displayed using the native resolution of the Retina display, which is exactly twice (so four times more pixels) of the previous generation devices. They therefore appear twice smaller loading as seen on the image below cons:

In this mode, the work plan is larger, 25 tiles on an iPhone and 81 on an iPad. This implies more load on the network and on the package.

The immediate benefit is the ability to view a larger area of land for a certain scale. The downside is that most of us cannot read small text. It is therefore necessary to switch between modes as needed.

But there is a special case with two scales 1/25000 and 1/12500: as they are the same digitized at different resolutions, the display of the scale 1/12500 allows for a full-scale map 1/25000 with remarkable accuracy.

**Value of the indicator scale**
The scale values displayed are the same in both modes, not to disrupt our visual associations. A multiplier (x2) is added in high resolution mode to signal the doubling of no scale.

**Optical zoom on a detail**

It is always possible in the resolution as in the normal mode, use the zoom with two fingers to enlarge an area and a detail.

The **3-finger zoom** in native iOS keeps optical zoom without changing scale. It must be enabled in Settings-> General-> Accessibility> Zoom.

**Tip: If you** do not change the scale after an optical zoom, bring the fingers to their original position.

**Cursor icons in high resolution**

The animated cursor icons are
available in HR, only red color. The reason is that the images needed to compose the animation add volume to the application especially for HR images. A color has been preferred.

By choosing the setting alternating color you can see, looking good, the cursor icons of other colors are less clear. Make your choice.

---


What do we seek?

The word cache is widely used in computer science to describe a local data storage eliminates the need to pick them up whenever you need it. The advantage is twofold, saving time and availability to display maps (photos, etc..) Even without a network connection. Some use the term "off-line" which refers only to the second point.

iPhigénie displays data servers Geoportal. The subscription service gives the right to store this data until the subscription is valid.

The tiles

In the field of digital mapping, word tile is often used to describe a small image square containing a piece of card. Indeed, the very large size of a large-scale map of the structure makes it necessary for a great puzzle checkerboard composed of large cells: the tiles. The other layers, photographic (orthophoto), cadastral, etc.. are similarly composed of tiles. The tile is the basic unit of data storage in the cache.

On the screen

When pans the map, zoom in or move the wallpaper is green
for tiles that are in the cache. It is gray to the one to get on the server. It becomes dark red when the tile is being received.

**Several caches, why, how?**

iPhiGéNie manages two caches.
1. The first, the lookup cache is automatic. It existed since the first version of iPhiGéNie. The principle is simple: any tile consulted (on screen) is automatically stored in the cache. It therefore remains available for the next display will be immediate, with or without connection to the Internet. The lifetime of this cache is that of the subscription Geoportal. As it is valid, the lookup cache is maintained. If the subscription is renewed automatically, there is no automatic purge of the cache.

2. The second cache is called provisional cache. It is new in version 3.1 and is available only if you subscribe to the cache option installment, annual validity. It allows you to load in advance several levels, possibly on several layers in a grip adjustable territory. The aim is to ensure the availability of cards, without having to display first. Operations on this optional cache are described on a separate page. His life is one of the option. The cache is cleared if the option is not renewed.

The following figure illustrates the principle against. This model is kind of sets. An important point is that a tile can be part of the two caches. It is stored in flash memory (the "disk") once. In case of selective purging (below) by hiding a tile is effectively erased from memory if it is not part of any cache.

**Automatic purging and loading according to Geoportal licenses**

**Important** Non topographic maps remain graceful access even if the subscription lapses.

Automatic purge cache
consultation mentioned on this page and in the following table relates only to the topographic maps and photos in high resolution, as well as all the other layers.

The license geoportal purchased by recurring subscription gives access to flow data (maps etc..). It is necessary to receive tiles, whatever the destination cache. If it expires, the lookup cache is purged.

The option provision allows the massive batch fetching. When it expires, the provisional cache is purged.

Specific options, coastline and ICAO make no distinction between consultation and provision. The tiles are always in a single cache for the option.

<table>
<thead>
<tr>
<th>subscription Geoportal</th>
<th>valid</th>
<th>outdated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cache consultation</td>
<td>active</td>
<td>served</td>
</tr>
<tr>
<td>Provisional Cache</td>
<td></td>
<td></td>
</tr>
<tr>
<td>coastline hides</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ICAO Cache</td>
<td></td>
<td></td>
</tr>
<tr>
<td>receipt of tiles</td>
<td>yes</td>
<td>not</td>
</tr>
<tr>
<td>display cache tiles</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>consultation</td>
<td></td>
<td>(empty)</td>
</tr>
<tr>
<td>display tiles optional</td>
<td>yes</td>
<td>no</td>
</tr>
<tr>
<td>cover</td>
<td></td>
<td>(empty)</td>
</tr>
</tbody>
</table>

If an option is still valid after the expiration of the subscription, so you can still use the tiles from the corresponding cache, but it is not possible to change the content.

The tiles free layers are still in the consultation cache, even
if they are loaded grip (currently only Spanish layers permitting).

**Operations covers: toolbar**

The first three buttons are still functional even without provision option.

1. X to hide the tools
2. Trash to selectively purge
3. The question mark for usage information

The other three buttons relate option provisional cache and are described in detail on another page.

1. List of way memory storage.
2. Switching between the creation of a right-of-way and display memory.
3. Start a loading operation provision cache.

**Operations covers: Usage Information**

This screen shows the number of tiles in memory by caching
and territory, with estimation of the memory space used. If the provision cache is active, it is normal that the third line does not display the total of the previous values. As shown in the first image tiles present in both caches are tabulated for each of them but once stored in memory. It is the union of two sets.

**Operations covers:**

**selective purge**

**bug v5** see this message if the application crashes when opening the tool.

To free up space on your device, or to refresh the card (photos, cadastre ...), use this screen that allows selective purge criteria.

**Note:** Apart from the overall purge subscription, no automatic purge operation is done on the lookup cache. No action on your part tiles consulted accumulate in memory without limit other than the space available on your device.
Pour sélectionner les sections pour lesquelles la purge des caches s'applique. La consultation est la seule option qui masque la consultation.

**Ignorer**

Mar 11, 2011

Relevant.
The second active section of the test areas. Only tiles selected area will be purged.

The next section allows you to enable and set a date criteria. Tiles whose date of last posting, or if loading is older will be purged.
Then there is the activation of the test scale and selection of scales to serve. The list of scales indicates the amount of tiles currently recorded for each.

<table>
<thead>
<tr>
<th>Cartes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 / 3 125</td>
</tr>
<tr>
<td>1 / 6 250</td>
</tr>
<tr>
<td>1 / 12,5k</td>
</tr>
<tr>
<td>1 / 25k</td>
</tr>
<tr>
<td>1 / 50k</td>
</tr>
<tr>
<td>1 / 100k</td>
</tr>
<tr>
<td>1 / 200k</td>
</tr>
<tr>
<td>1 / 400k</td>
</tr>
<tr>
<td>1 / 800k</td>
</tr>
</tbody>
</table>
Finally, the last section allows you to specify a maximum cache size. This will remove all the tiles in excess of this size. On this criterion, the tiles are sorted by date and the oldest deleted first.

**Combination of criteria.**

All criteria are cumulative. This means that the tiles will be purged those that satisfy all conditions.

The size criterion for a particular operation: If the maximum specified size involves removing more tiles than what follows from the other criteria, they are disabled and only the size (with sorting by date) is taken into account. Conversely, the size criterion is automatically
turned off if it becomes too restrictive to meet the other criteria. Last change premium.

The operation described here are available only if the option provisional cache is active.

See previous operations general cover.

**Minor bug:** loading incomplete, see details at the end of paragraph Definition of control.

**Reminder tool buttons cache**

1. X to hide the tools
2. Trash to selectively purge
3. The question mark for usage information

The other three buttons relate option provisional cache.

1. List of way memory storage.
2. Switching between the creation of a right-of-way and display memory.
3. Start a loading operation provision cache.

**Defining a grip**
With the option enabled, the display tools cover shows a map centered on the grip frame. This framework can be resized, putting the finger on one of the four "key" corners (white circle). The fifth key moves the frame.

It is possible to zoom. The frame remains the same coordinates and you can adjust it precisely by moving the card on each corner.

A framework to refocus after a default zoom, touch the "frames" icon twice.

The header area of the grip frame displays the number of tiles to be loaded during this operation. If this load causes a saturation provisional cache, limited in size, the number of tiles to be served is also indicated.

**Important purge time:** If a load operation saturates the cache, while purging is automatic. For each tile received and registered, is deleted from another cache. If the load operation is interrupted, there is no erase unnecessary.

The selection criterion is temporal: the cache tiles that have never been displayed are prime candidates sorted by upload date, oldest first. Then this is the last posting date is considered. This function automatically maintains the most commonly used tiles and the latest in the cache.

**Reminder** As explained in the general cache, all tile actually displayed is a member of both caches. Such a tile drained from provision cache remains
available for display as part of the consultation cache. The advantage of this principle is that the expiration of one of two caching guarantees to keep the tiles which you are entitled.

<table>
<thead>
<tr>
<th>Scale</th>
<th>Tiles</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 / 3 125</td>
<td>234 630</td>
</tr>
<tr>
<td>1 / 6 250</td>
<td>59 024</td>
</tr>
<tr>
<td>1 / 12.5k</td>
<td>14 880</td>
</tr>
<tr>
<td>1 / 25k</td>
<td>3 780</td>
</tr>
<tr>
<td>1 / 50k</td>
<td>960</td>
</tr>
<tr>
<td>1 / 100k</td>
<td>272</td>
</tr>
<tr>
<td>1 / 200k</td>
<td>72</td>
</tr>
<tr>
<td>1 / 400k</td>
<td>20</td>
</tr>
<tr>
<td>1 / 800k</td>
<td></td>
</tr>
</tbody>
</table>

Touching the bounding box blue button to access retail scales to download for this control. For each scale, in three sections for three layers, the number of tiles involved is listed. Touching a line is reversed selecting this scale.

**When loading incomplete** It may happen that hold load more tiles than expected or even less. In the latter case the loading message appears incomplete. If a second test gives the same result, this is probably a marginal cases where the grip is just a tile border to certain scales. Can be repeated an almost identical control will probably not
on the same limit.

**Start download**

A button on the "fill" button to the right, begins charging. The ratio of tile charge is shown with the estimated time remaining. This is approximate because it depends on the network, but also the proportion of tiles to actually load relative to those already present.

Since the launch of the operation, it is stored in the list of allowances. It will be possible to resume the operation to finish in case of interruption, or after purging the cache to reload this control. The display will switch to display allowances, centered on it being loaded.

You can stop charging at any time, even immediately after launched by a button on the X button.
Information on rights-loading

The alternate “frames” button the display mode setting between control and display of footprints in memory. The first is the default when entering tools cache. The second is the default launch a load. The button icon switches to illustrate the transition to the alternate mode.

In the header of a framework of control, count down the three numbers on the tiles. We find this kind of statement in several places in sheets details of each transaction.
The **first number** is the account of the tiles of the allowance **provision** currently in the **cache**. It is therefore the number of tile counted against the quota provision cache.

The **second number** is the account of the tiles of the allowance currently present in all **caches**. The tiles you actually have available, **offline**.

The **third number** is the total number of tiles of the allowance for scales that are associated with this operation. For all the tiles from the grip in the hand, it is necessary that the last two numbers are equal.

*Note* For coastal maps and OAC options, as there is no distinction between **provision** and consultation, the first two numbers are always the same, unless of course a grip also provides layers IGN not optional.

As part of the initial selection, each under control has a blue button detail. By touching it, it switches to record details of this transaction.

**List of operation and detail sheets**

The list button in the center of the toolbar displays a list of all loading operations stored. This is the only way to access an operation performed on a different area of the current territory.

From this list you can access the detail sheets, as for the blue button in graphical mode.

The list is sorted by last operation. It is important to anticipate what influence may be self-served by a new load.
The card details can rename operation to identify the list. It provides access to the control and operation of the detail list of available scales by tile / layers.

**View** The center button, green, returns in graphical mode and center the map on the right of this operation, restoring the display scale when downloading. This is a convenient way to locate in an area without having to manipulate the map. As against the currently displayed layer configuration is preserved, unlike the other two green buttons.

This button starts the count charging algorithm, but without access to the network for missing tiles. Its interest is twofold: how many tiles are already present / missing tiles and combine this with the new right to preserve a purge on a control which overlaps. The layer configuration is restored as it was at the time of the definition of control.

**Reload** this button restarts the load operation. All missing tiles are downloaded again. As during initial loading, if the cache becomes full there is a purge default date. Reloading a grip may therefore involve a partial purge of other allowances. The layer configuration is restored as it was at the time of the definition of control.

*These tiles are not recharged.* If you want to completely refresh the tiles of a way (eg after an update IGN) must first be purged. In the latter case it will be
more appropriate to perform a purge

scales on the screen purge criteria. Then return to the right to charge what is missing.

Reload a grip on the induced effect to refresh the date of loading of the tiles. This is a way to protect a right-of-induced purge before loading another. Taking the list on this page, if you load the influence Ecrins and the cache becomes full (this is not the case here.
for an option to 40,000 tiles), operations at the bottom of the see list of all or part of the tile served their provision cache. The *Diois* operation is one that runs less risk.

**Purge** This frees up space in the (s) cover (s). Purge only affects the way and does not touch the tiles of other allowances.

Purge les tuiles de cette emprise. Sans effet si aucune tuile n'est présente.
L'emprise est conservée pour chargement ultérieur.

**Supprimer**

Purger les tuiles des cette emprise dans...

- *...le cache provision*
- *...TOUS les caches*

Serve a grip **does not remove** the operation, which remains available for future use, or simply framing guide.

**Delete** This deletes the operation of the list. It **does not drain** tiles from the grip. The two actions are complementary. If you want to totally clean must first purge and delete. If an operation is removed there is no longer a way to selectively purge the tiles from

*If two-way overlap, common tiles are **not** deleted.*

A dialog box appears before the purge to specify on which (s) cover (s) involved in the transaction.

- Select *Cache provision* to free up its quota in keeping the tiles that were actually displayed.
- Select *All caches* to free up memory space on your device, especially for the footprints you will not need a long time.
his grip. You can still use the tool purge
general criteria.

**Details by scales and layers**

<table>
<thead>
<tr>
<th>Scale</th>
<th>Cache Tiles</th>
<th>Memory Tiles</th>
<th>Tiles in Right for Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/12.5k</td>
<td>9/9/14859</td>
<td>3/3/3776</td>
<td>1/1/990</td>
</tr>
<tr>
<td>1/25k</td>
<td>3/3/3776</td>
<td>1/1/72</td>
<td>1/1/20</td>
</tr>
<tr>
<td>1/50k</td>
<td>1/1/990</td>
<td>1/1/72</td>
<td>1/1/6</td>
</tr>
<tr>
<td>1/100k</td>
<td>1/1/272</td>
<td>1/1/72</td>
<td>1/1/20</td>
</tr>
<tr>
<td>1/200k</td>
<td>1/1/72</td>
<td>1/1/20</td>
<td>1/1/6</td>
</tr>
<tr>
<td>1/400k</td>
<td>1/1/20</td>
<td>1/1/20</td>
<td>1/1/6</td>
</tr>
<tr>
<td>1/800k</td>
<td>1/1/6</td>
<td>1/1/6</td>
<td>1/1/6</td>
</tr>
</tbody>
</table>

At the bottom of the page, we find the
details of the tiles by scales and layers.
The numbers are displayed in the same
format described above: cache tiles
provision / memory tiles / tiles in the
right for scale.

Each of these options add a
storage area clean. There is no
distinction between consultation
and pre-loading options. The
loading and purge described in
previous chapters are the same,
the difference is simply the
storage space that is separate.

We find these specific caches
listed on the screens of statistics
and purge.

**Note on the coast preloading**

Experience shows that the scale
1/50k provides sufficient detail,
especially outside high-
resolution mode. This minimizes
the loading areas. In HR and /
or certain areas it may be better
to load the 1/25k mode.

**Loading mixed ROW**

- If you specify a hold by checking scales in layers on different cache, each is run normally, but the total shown on the part of the grip is not too full details of each.
- While this is possible, it is not advisable to set a hold regards to both terrestrial and coastal mapping. If the option expires and is not included, we can not hold the charge.
- It is advisable to make room in the cache before starting a loading control. In case of saturation, cleaning stolen is less efficient and can remove tiles that you would have preferred to keep.

Bar counters this by rotating the different current values. Values are rotated by a tape to the center of the bar.

![70 km/h (4.0s)](image)

Speed in km / h. When time is in brackets (simulated here), the value is included in the displayed period. This gives a value for low speeds (on foot, on horseback), when the GPS always returns zero.

![44.83525N 5.48858E](image)

Position in decimal degrees on the WGS84 reference.

In position mode, the right button is used to change the units and display accuracy:

![44°50'02.7"N 5°29'14.5"E](image)

Enabling UTM coordinates and Lambert is in the global application preferences.

![713 ± 50 m](image)

Altitude and accuracy. Correction **geoid** is a fixed value for France. A more precise correction is feasible but the vertical accuracy of GPS does not justify.

![223° (2.0s)](image)

The course followed, possibly integrated.

The left button hides the bar counters.
This page contains the settings of the application that must be accessible from it. The static settings are accessed less frequently by the "Settings" system application. For added flexibility, the "Territories" settings are accessible from both sides.

**Territories**

Setting "in position" is important, because it defines if the GPS position (or network triangulation) is predominant in the territory by default. If this option is active, your current position, if available, determines the area displayed. So you have to disable it to check the map of Mayotte if you are in France and vice versa.

Generally, this option is enabled.

The list of territories allows you to select the one that will be displayed in the absence of position or when the previous option is disabled.

**Licenses and modules**

The bottom of the info page displays the modules that you have purchased (Vmax) and the expiry date of the current license Geoportal.

The "add / renew" button initiates communication with the AppStore to make or restore your purchases.

Since version 3.1, a specific identifier iPhigéNie is present. It is described on this page.

**Accessories Masqott**

See the announcement on the forum

**Identifying specific device 's iPhigéNie (IUID)**
Because of obvious abuse for commercial purposes, Apple has decided to suspend access to the unique internal number (UDID) for iOS devices. This number was previously used by iPhïGëNïe to unravel the problems and restore subscription.

It is now a unique internal number is used. It is suitable for iPhïGëNïe and is only present to solve the issue of licenses. It is shown on the info page, in the section of licenses.

Send your IUID the support

If you have a pb with your licenses must communicate this number to support. To simplify the transmission, a touch on the No. automatically copy to the clipboard. Touching the blue button detail, a pre-filled email to support is displayed. Document why you write before sending.

If you have not configured the email on your device, this draft can view the full IUID to copy by hand.

Everywhere in this manual where the term UDID is mentioned, you can alternatively send this IUID.

Manual and legends

The last block includes textbooks and legends. The manual is it accessible without leaving the application. The legends of the most used scales are available. You should know that these are the same images Geoportal. From scanning, they are of insufficient quality. The demand for better images was made at the IGN. It is possible to zoom by distance or double tap.
iPhigiNéNie - install the module preferences in the Settings application (global preferences iPhone, gear icon):

The upper block reproduces the settings for the territories. They are available in two ways (see info page) because they are fundamental to the operation of the application.

**The choice of coordinates (v2)**

UTM and MGRS coordinates, if enabled here are available through the button swap in position display. They are also in the form of detailed benchmarks. The default coordinate system is used to create benchmarks to specify the subtitle.

Version 2.2 adds the changes in Lambert coordinates. This line determines what type of Lambert is active. The setting is taken into account for the display and entered when Lambert coordinates is entered on the search page.

**Scale adjustments**
The first item provides access to a list of all levels and allows you to specify the ones you want that iPh iG éNie displayed. By unchecking those little use for you, zoom steps are reduced. At present, the scales 1 / k 3200 and 1/6400 k are of little interest because they are just different definitions of 1/12 800K. It is possible to “zap”. Occasionally, an update check Geoportal has not given them a new freshness.

The following three items allow you to choose what to show map scale launch, according to the position accuracy.

iPh iG éNie remembers the current context (zoom and position) for 24 hours. This context takes precedence over the default settings. This is the most convenient way to operate: we can and quit and relaunch the application several times a day without losing context.

The color preference cadastral determines the loading of the tiles in either color. The color change is visible on the tiles loaded after changing the preference. To force all the tiles in a color, you must purge the scales cadastral to remove the tiles in the old color.

**The interface settings**

- You can choose the color and size of the cursor position. Only the red color is available in high resolution.
- keeping the cursor in a small area in the center of the screen. centered cursor Lets find without fail.
- projection direction: especially useful for practitioners off-road to see the course over longer distance. A red dotted ending materializes on the map. It is even visible if the cursor is outside the scope (within a few tiles).
- The "proximity sensor" option and saving battery: If enabled, this option allows you to quickly turn off the screen (but active application, present position) to ON mode. Slide the device in a pocket off screen, the lights go out. On a bike rack, or equivalent, can tinker a small flap that folds and pass the iPhone in economy mode, a quick gesture. The same gesture in reverse displays the map in half a second.
- The option "map rotation" determine whether the rotation takes into account the heading or azimuth.

Heading is the direction of travel. This only works in motion. The azimuth is the
direction in which the camera is facing. It works off by turning on site (devices with integrated compass).

- A rocker activates an audible signal at the end of the cache loading operation. The sound is different depending on whether the cache is fully charged or not (for example on network problem).
- The color choices for the traces for the displayed traces, not active. On some funds and some eyes, the green is not visible enough. The active track is always red. This global setting is the default, each track can have its color through its detail sheet.
- The transparency option, when enabled, allows you to make tracks and benchmarks temporarily transparent for better view of the map. Activation slap on the map. This transparency has two levels and is canceled after 10s.
- The sort option applies to group display traces and marks in alphabetical order or time.

### Licences

<table>
<thead>
<tr>
<th>Licence</th>
<th>User</th>
</tr>
</thead>
<tbody>
<tr>
<td>iPhiGéNie</td>
<td>vmax_testeur</td>
</tr>
<tr>
<td>IGN</td>
<td>2010-09-01</td>
</tr>
</tbody>
</table>

### GPS

GPS options are detailed in [the following article](http://translate.googleusercontent.com/translate_c?depth=1&hl=fr&ie=UTF-8&u=http://www.iphine-f1a.com/manuel.html&usg=ALkJrhj-zqqidWizBq4DGASQjnN2Z5SY8A).

<table>
<thead>
<tr>
<th>Option</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>arrêt automatique</td>
<td>1</td>
</tr>
<tr>
<td>intervalle de position</td>
<td>au mieux</td>
</tr>
<tr>
<td>tempo position</td>
<td>au mieux</td>
</tr>
<tr>
<td>filtre points traces</td>
<td>1</td>
</tr>
<tr>
<td>correction altitude</td>
<td>Automatique</td>
</tr>
<tr>
<td>calibration compas</td>
<td>1</td>
</tr>
</tbody>
</table>

### GPS tag

The operation of the "tag" is detailed on [a specific page](http://translate.googleusercontent.com/translate_c?depth=1&hl=fr&ie=UTF-8&u=http://www.iphine-f1a.com/manuel.html&usg=ALkJrhj-zqqidWizBq4DGASQjnN2Z5SY8A). The preferences allow you to enter the password.

The last option allows you to cancel the automatic restart of the tag to the launch of the application if the network is unavailable and that the shutdown, which implies a connection is not possible.

**Do not use this last setting to activate the tag.** The recovery procedure is different from that of starting. The right way to start tag is dedicated to the toolbar button benchmarks.
Export GPX

The export options are explained in the chapter on export GPX. The paper option has no effect in less than iOS 3.2.

From version 2, the global options (via the "Settings" application) are enriched with a "GPS" section.

Automatic shutdown:
This is a very important option in iOS4. It is irrelevant under iOS3. Its operation is described in a specific section of the manual for the end of battery consumption is recurrent.

- Position interval: This option allows you to choose the minimum distance required between two successive positions. She went directly to the GPS. Will GPS flow more spaced positions. It is likely that Will consumption decline slightly. HOWEVER, icts hand use is to reduce the volume of recorded tracks (Vmax).
- Frequency of position: This option is most useful to limit the consumption of battery. By spacing the positions in time can be significantly limit the use of GPS. This is indeed suspended between two measurements. More time is, the better self. This option is useful for all users, even those who do not have the Vmax (and thus no traces). Of course, positioning and especially the tracks become more schematic. But setting to 15 or 30 seconds still allows proper monitoring by significantly decreasing the use of GPS.
- Filter track points: This option applies only to the registration marks. Treated it in a separate chapter.
- Altitude Correction. Mentioned in this Chapter Correction counters already was present since version 1. There is now an option to accommodate all combinations of areas and equipment. In fact, the average compensation for France is 48m and may not be suitable for other territories. More importantly, the
output of the iPad and iPhone4 That Have Changed. It Appears That The GPS embedded in thesis models now Automatically proper altitude. Have They therefore need more of this adjustment and should be "fair" in all territories. Applies The automatic fashion the correctional 48m on all devices Prior to the iPad and iPhone4.

- Compass Calibration: This option disables the Message Compass Calibration (compass). It is advisable to turn off if you do not use the azimuth information. To make the post less invasive version 2.1 of iPhíGéNie adds a delay of a FEW seconds. Disappears So the messages even if the compass is not calibrated. Advisable It is therefore to "8" whenever the message.

Reminder: After the GPS altitude is very approximate and shoulds be taken with caution. Especially if the horizontal accuracy is poor.

---

**Purchases and subscriptions on the AppStore**

To access the purchase page:

- touch the toolbar at the bottom to show the buttons
- touch the "info" button (the i in a circle)
- on the info page, touch the blue chevron button "buy renew" box
- touch the red button on the selected purchase.
- enter the password for your iTunes account

To display this page, you're in the security context established by Apple. No personal information is Disclosed we do. Dialogues connections are managed by the system.

At first, please login. In general your account is already configured and you only need to confirm the password.
Then there is a waiting stage is normal, the iPhone contacts Apple's servers and iPh iGiNéie Purchases to check the restore if you've made and considers.

It is significant to Know That if You have multiple devices (3.0 iPod, iPhone, iPad), modules and Will Be Automatically your license valid in all.

Restoration / share Purchases is Initiated by a Specific button (green). You must restore this button with your previous Purchases are not valid on a device (new or reset).

Recurring subscriptions

iPh iGiNéie system uses the recurring subscription That Allows a multi restoration devices.

The page then displays the modules and licenses. Those who are already vested are checked and can not be selected.

If you click on a product after a confirmation message, the module or Geoportal license will be installed on your device.
If you purchased a license with a previous version (2.x), section "registration service" is checked. Recurring subscriptions are only available if the license is close to expiration.

Managing recurring subscription

The procedure described below is subject to change because it is managed by Apple. See their page reference for managing subscriptions.

A button allows direct access to the subscription page from your iTunes / Store account.
The manual procedure to view this page is as follows:

- Application Settings -> Store
- Show details of your account by touching the ID (your email in principle)
- Touch "View Apple ID"
- Find and touch the button manage subscriptions (or packages)
- On the subscriptions page, there is a button to cancel the recurrence and aussi Those of the two periods as possible. That the current time is gray and the other red.
- Touch the red button on the Desired time to switch on the subscription thereof. The transaction will be at the end of the period.

**Note:** The subscription button is not present so no recurring subscription is subscribed It Appears Automatically Effective purchase.

**Deposit:** The monthly subscription is only profitable for one or two months a year. Pensz to disable recursion not to be surprised by direct debit from the AppStore.

That in the event a power failure or any other reason, the transaction to Prevent Normally full. She would return Automatically to the next launch of the application. If You have confirmed your purchase, **no need to repeat the operation**.

**Purchases disabled**

If you see the Following Message Is That You are in one of the Following cases:
- You have this restriction Abebooks web sites yourself to protect yourself from false manipulations. then It is Necessary to revalidate the option via the "Settings" application "Application Settings- > General-> Restrictions-> Purchases integrated "
- You use a secondary account ("children") attached to a hand account. This kind of account May be limited purchase.

**iPhone jailbreak**

If You have difficulty was jailbroken iPhone, [see this thread] .
If a problem with a purchase - restoration of rights

Purchase not taken into account

Sometimes a network or overload on Apple servers fault prevents a purchase to complete successfully.

They are Automatically included, order it May Be Necessary to restart the application. Under iOS4 +, you must fully the full as described below. Application aussi can stop and start the iPhone.

- If iPhigéNie is displayed, pass it in the background by Clicking on the Home button.
- Double-click the same button to display the main active applications.
- Hold the key icon iPhigéNie to "dancing icons"
- Tape the red button termination of iPhigéNie.

Restart iPhigéNie, minutes qq If the Effective Purchases are not validated certificates, it May Be Necessary to restore rights. This case is different from the previous and rather occurs after a reset of the device (sometimes after an update iOS4).

License transfer between platforms

See the specific page

restoration of rights

If for one reason or Reviews another, reset the device in Particular, your rights are not enabled on a device, you must restore as follows:

1. touch the toolbar at the bottom to show the buttons
2. touch the "info" button (the i in a circle)
3. info on the page, locate the "Licensing"
4. touch the blue chevron button "buy renew" box
5. touch the green reset button - b.
6. Enter the password for your iTunes account (Note: use the same account When purchasing.) Do not purchase at this course.
7. That's it. After communication between servers, your licenses are validated.

"Failed to reallocate" "You can not purchase this item with this account"

Many support request mention one of these messages:

- "Failed to reallocation. Please first purchase the app"
- "Failed to reallocation. Log on to the account with which you purchased this app."
- "You can not purchase this item with this account. You must purchase the Appropriate Application before buying this item"

In this case if you have not made any in-app purchase is easier to remove and re-install.

. The latest versions, most is recent, are more explicit It is imperative to use the same iTunes account to purchase and restoration. Here are the steps to do this:

- Application "Settings" - > Store - > Apple ID - > Logout
- At this course it is sometimes useful and Advisable, to power cycle the device
- Throw iPhigéNie
- touch the toolbar at the bottom to show the buttons (even if the screen is gray)
- touch the "info" button (the i in a circle)
- info on the page down almost all the way down
- touch the blue button chevron box "add / renew"
- touch the green reset button to install the purchased licenses on the other device
• enter the username and password **from the iTunes account You have purchased licenses**.

**Warning**: It is possible, That the failover account is blocked by the mechanism of "Device Associate" for downloading music In this case we can not change account every 3 months (see Terms iTunes).

**Note**: It is not Advisable to install the application via iTunes Because it adds an additional risk of not using the proper account.

In case of persistence of the error, it seems to be related to accounts with the email address / username has been changed. There is the Apple support that can solve this problem. Casting a manual on server **is nevertheless possible, by supplier providing the UDIDs devices pertaining concerned.**

If the problem persists, use the mailing of the IUID process: on the info screen, license section, a blue button lets you send an email.

### Old device unavailable

We must then find His No.:

**On a Mac:**

- In the Finder, go to ~ / Library / Application Support / MobileSync / Backup (the ~ is your "home") and Library is translated into French.
- The numbered files therein have names formed with the UDID of each device, optionally followed by digits date and time. The UDID is the first 40 characters

**Note**: Since OS X 10.7 "Lion" the Library folder is hidden. Use the "Go" menu in the Finder with the "Alt" key. See [this article](http://translate.googleusercontent.com/translate_c?depth=1&hl=fr&prev=/m/translate) for more details.

**On Windows**, the file is one of the two following:

- C: \Documents and Settings \USERNAME \Application Data \Apple Computer \MobileSync \Backup
- C: \Users \USERNAME \AppData \Roaming \Apple Computer \MobileSync \Backup \

You must check the "view hidden files" to find the folder.

In the latter case you need to open the log file and look for a line with::

UDID: xxxxxxxvotre_udidxxxxxxxxx

Depending on the date of these cases it is easy to distinguish the UDID.

See [this Apple support page](http://translate.googleusercontent.com/translate_c?depth=1&hl=fr&prev=/m/translate) for the different boxes DEPENDING on the system.

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### Backing up and Restoring data

If you acquired the Vmax module, you will quickly a collection of data points and traces. You may want to restore data in case of loss, whatever the cause.

**Note**: This article is not about the **restoration of rights (licenses) covered in Article Reviews another**.

Consider the data organization and the different ways to backup / restore.

### What data and where?

It is above all the folders and files Containing the marks and traces. These are Stored in the folder Documents Specific to the application. This folder is accessed using iTunes or DiskAid (in free mode).

In this case **papers**, two subfolders:

- **reperes**:. Benchmarks are Stored in groups A group is a non-divisible or outside line access. The files have the name of the group and are easily identifiable. These binary data files, do not exploitable off **iPhGéNie**.
traces: In the folder traces there are subfolders, one for EACH group, named as groups. Each group Contain folders sub-folders, one for EACH track. These are the file creation date of the record, whatever the name of it. Change the name of the track Does not change the folder and vice versa. We can therefore save / restore / delete EACH track individually. It is not Appropriate to detail the data files binary traces, not exploitable off iPh iG é N ie.

If iCloud is enabled for iPh iG é N ie You can only access the default groups ([brand] [new], ...). The others are in the iCloud space.

What else? In addition to the document iPh iG é N ie records other information, preferences, database caches. This information can not be accessed directly. The only way to save / restore is the overall backup via iTunes below.

And tiles cover? They are never saved. For two reasons:
1. This is prohibited by the Terms of Use License IGN
2. This penalizes enormously in size and time synchronization via iTunes.

Global auto backup via iTunes

This type of backup is an integral part of the model Apple iOS + iTunes. Every time you sync your device with iTunes (including wireless), while the space of data iPh iG é N ie is copied to your computer. This includes documentation, goal aussi preferences and database caching (with the definition of-way, and tiles are not saved.) This is the only way to return to a Specific conditions set in the time of the application. This can be life-saving in case of a major problem with your unit, Requiring a reset, and when to replacing: a device.

Restoring a synchronization via iTunes restores everything on the implementation in the state at the time of the backup.

Advantages:
1. Process common to all applications, no Specific learning.
2. Automatic default (depending on your iTunes settings).

Disadvantages
1. The corollary of the advantage 1. To restore must be done globally For the entire device. This is not always a good choice if the last sync date. You can lose the recent additions in the Application Contacts for example. No. detail. You can not Specify what is Recovered.
2. You must have a computer at hand
3. What's in iCloud is not saved / restored. This domain is part (following §)

A few tips:
1. Make regular timings for not too much delta between saving and current status of the unit.
2. You can always, at the cost of acrobatics recover a previous state. If you have this need, for example, after an unfortunate removal of the application:
   1. Make a sync of the current state in order to return.
   2. Restore an old sync that contains the lost data.
   3. After Restoring Reviews another method (below) to save the data (iTunes / method DiskAid, works even if the release of iPh iG é N ie restored is broken).
4. Restore again with the last one made in sync.
5. Re-install an updated release of iPh iG é N ie
6. Restore specific backup made 3.

iCloud

A Specific section of the manual is dedicated to iCloud. No mention here That icts Specific relation to other means clustering of backup.

Advantages:
1. It is **Both** a backup and sharing between devices.
2. Common to all applications configuration, no specific learning.
3. Once everything is configured and operational machine. Effective even deleting / re-install the data in place without the action (except predefined groups [...]).
4. The backup is done without computer at hand.
5. The data is saved in Apple. So they survive a loss on your computer.

**Disadvantages**

1. If you remove an item (landmark, track or group) is lost on all devices. Unless you very quickly to isolate a device and save the item to GPX.
2. Sometimes there are Risks of delay synchronization update causes crashes or data.
3. The data in the cloud are not directly accessible to a specific backup.
4. It takes Internet access to save / restore
5. The data is saved in Apple. It may offend, both for large companies or addiction to the principle of confidentiality.

**Manual backup via iTunes / DiskAid**

It is easy to access the folder *Documents* of *iPhiGéNie*. Allows iTunes as standard, it purpose Allows only limited operations. It can save files and folders at the top level (in documents ), you can order import / restore the files on the first level. It is enough to import GPX but not to restore tracks and binary benchmarks. HOWEVER as it is to perform safety backup, iTunes only.

To restore data, or get a group of markers or a Specific track, the implementation DiskAid , in free fashion is useful.
There are others offering the same service.

This is a backup of specific data (binary, not usable outside the application).

**Advantages:**

1. The principle of access to records is an Apple specification, managed by iTunes, although not all applications use it.
2. Quick and easy when you have incorporated the principle.
3. We can detail what is saved and restored. We can easily remove a damaged track, or copy a single device between two.

**Disadvantages**

1. It should be a computer available.
2. If you hack the file organization (Voluntarily or not) can compromise access to data (plant).
3. No data backup iCloud.

**Backup import / export GPX**

INITIALLY, the export / import GPX mainly to communicate with the outside world goal also it has way to keep your data safe. For implementation see dedicated chapters.

**Advantages:**

1. The backup can be used in other contexts.
2. GPX + XML files can be edited with a text editor and it can correct or manually transform the data.
3. This is the only way to secure the iCloud data against an unfortunate deletion.
4. The surest way for archiving data remains valid even if the binary file format evolves over time.

**Disadvantages**

1. Procedures for export / import are less automatic / faster than other modes.
2. The restoration does not affect just the same. In particular groups are not automatically recreated.
3. It takes more than good organization for export then reimport.
4. Less suitable for regular backups.

**Conclusion**

This large chapter can Conclude by saying That It is Advisable to combine the modes:

- Regular sync with iTunes, which is the crash insurance.
- iCloud active or not, it really depends on your usage. Permanent backup without computer, more sharing, but no easy access to data.
- Direct backup *documentation* for easy handling and detailed.
- GPX export to archive or from time to time to secure what is really important and / or share.

---

**iCloud**

iPhiGéNie can share documents, ie the traces and markers via iCloud. *Only user-created groups are shared*. All automatic groups, Whose name is in brackets, eg. [New] are never shared and local REMAIN.

As always in computing, a significant Prior backup data is Strongly recommended caution.

**Activation**

The first time the Application is Launched on a device with iCloud (iOS> 5) proposed a dialogue to enable sharing via iCloud. If the option is not checked immediately it is available in the global preferences via the Settings application.

To activate all relevant data is copied to the cloud. The availability of other devices is fast but not instantaneous. It is advised not to rush to see to allow the transfer to complete. Group lists are dynamic and we see the items appear.

During this initial copy, the maximum is done to avoid overwriting identical elements on both devices. It is therefore possible that duplicates appear in this phase. If one wants to go on a healthy and clear basis here is a possible method:

1. Select device as reference and enable iCloud above.
2. On any other device, make a backup of non-local groups GPX export. This security will find the missing items.
3. Remove non-automatic groups on the other device.
4. Enable iCloud.

Another solution is to name the groups differently on devices before connecting. But we must then manage duplicates.

**Use**

Then, in normal use, when an item is moved from a local group to a shared group, it appears on all devices attached to the same iCloud account.

The same goes for any changes on a shared item. It is strongly recommended not to play too much to change an element simultaneously on two devices simultaneously. There is no management of advanced version of last modification and crush others. Let get a change before making Reviews another on a different device.
Deactivation

It is as possible to disconnect a device from the cloud. Groups are copied locally pertaining concerned and are not made on other devices exchange. It is a method for duplicate content from one device to Reviews another, without RETAINING the link in the cloud. When a device is disconnected, the papers are in the cloud if there is iCloud Reviews another device in fashion.

Subsequent reconnection is possible, with the risk of duplication Mentioned in § activation.

Time availability

If You have wide Amounts of data, Especially for track, time availability on other equipment can be quite important Especially in phone connection. Advised It is not to try to display groups of major landmarks or wider traces, without Allowing time for data to be Transferred. This is the case Especially Effective reinstalling the application.

Data are Collected on cloud purpose are not immediately available.

[Vmax] Querying and Address

Version 2

The search function is now part of the functions of landmarks.

The text of the latest research is stored.

All search sites that have been posted are automatically stored in the [research].

All versions

The highlight of the database available in the Geoportal is the Ability to find all the names of all present detailed maps. It is also possible to make searching for addresses. The results are accurate. Each street listed No. distinguished position.

Names
The results are listed according to the distance (circle) at the current position or, failing that, at the center of the map.

If one result is selected, it is automatically centered on the map.

If several are checked, they are shown, goal DEPENDING May not be visible on the zoom and the relative position of the card.

Points that are not currently active on the territory are not displayed. The example below shows two names of Martinique.

But switching to the territory of Martinique, they are automatically visible:
The list of results is stored between two searches. One can thus select as required.

**Address**

Addresses are returned with an indication of the common code INSEE, All which is different from the postal code.

**[Vmax] Search Contact**

Can benchmark position coordinates using the search form.

The search page in [iPhigéNie](http://translate.googleusercontent.com/translate_c?depth=1&hl=fr&source=web&ie=UTF-8&u=http://iphigenie-f1a.com/manuel.html&usg=ALkJrhj-zqqidWizBgz4DGA5QjnN2ZKSY8A) gives some information about the syntax. Here it is in more detail.

**Latitude / longitude**

The coordinated latitude and longitude are expressed in the WGS84 geoid (the GPS) that is compatible with the RGF93 (French version of the first with extended precision can enter these coordinated):

- Decimal Degrees: 44.5 6.5 Note that you can use either the splitter to the French (comma) and English (dot).
- Degree sexagesimal: degrees, minutes and seconds are separated by ":" 44:30 6:30:00

We just mix the decimal and sexagesimal in the search field. The results are always decimal.
UTM

Can enter UTM coordinates.
syntax is quite strict: 32T 301254 4930449
UTM odre In the Elements are: area X (longitude) Y (latitude) Reminder: the values of X and Y are metric.

MGRS

It is a variant Mainly military, UTM.
Syntax: 32T 01254 30449 SQ (square area XY).

Lambert

The syntax used by Lambert coordinates is as follows: 931186X 1953106Y (metric)
Adding letters XY is not in the standard Lambert goal here is used to raise the issue with latitude / longitude coordinates.

Note: The search is done using the Lambert-type selected in the overall preference of the application. Ensure That We must therefore, before Entering, know what Lambert is active.

Note on the network

Search by coordinates requires no network, because the calculation is done in the application. It is only if the syntax is incorrect coordinates an attempt to search the database of IGN will be made. Probably without success.

[Marks re-positionables]

Pins coordinate searches are green, movable and changeable. between the two The shade is That One moves a finger mark (see manual markers) and Its position is changed by changing the coordinates fashion change in the form of detail.

[Vmax] Function "radio beacon" GPS

GPS tag (see the remarks of caution below). Warning: altho the fat on this manual page, many of you do not think to cut the tag Effective use, May Their battery drain.

The toolbar includes marks a new icon for this function tag. It can take two states DEPENDING on Whether the tag is active or not. By default it is off (the first icon).

Before you can activate it, set a username and password in the global preferences of the application. As you go and communicate to your followers, do not use a password that opens other accounts (not the one of your computer or your bank's etc..). Choose a username understandable for your friends and not too common to avoid collisions.
Then, in **iPhIGéNie**. To activate the tag of a tap on the button. The icon changes state after a successful communication with the server. Well wait and check the activation réussie. Votre position is felt every 5 minutes to the server, with the altitude and battery level are listed in the following. Battery information lets you know that a signal loss is expected if the battery is low.

Contact your ID to anyone you want. They can track your progress on [iPhIGéNie.com website](http://translate.googleusercontent.com/translate_c?depth=1&hl=fr&ie=UTF-8&prev=/search%3Fq%3D%2528%2524%2529%2520%26client%3Dfirefox-a%26hs%3DzVf%26source%3Ddocurl%26addURL%3Dhttp%3A%2F%2Fwww.iphigenie.com%2Finalle%2Bmanu…&usg=ALkJrhj-zqqidWIzBg4DGA5QjnN2ZKS8Y8A) In a next update aussi monitoring can be done in **iPhIGéNie**.

![Map of the area](image)

**Ajouter un suivi**

Vous pouvez suivre plusieurs **iPhIGéNie** en même temps en les ajoutant successivement.

<table>
<thead>
<tr>
<th>identifiant du suivi</th>
</tr>
</thead>
<tbody>
<tr>
<td>identifiant</td>
</tr>
</tbody>
</table>

Clicker un bandeau pour afficher le détail des positions.

**max_simu**

*balise coupée le 2013-03-12 13:32:54*  
*ne plus suivre*

**Very important information for followers: remember to stop the tag at the end of your business**. A slap on the tag button. On the page Following the stop time is displayed and followers to know that allows you have finished your course. See the security considerations below.

In case of interruption of the application without extinction of the tag, the function automatically returns the next launch. A message informs you. This is necessary in case the application is terminated by the system for any reason. An overall preference to cancel the automatic restart if the network is unavailable and the shutdown, All which implies a connection is not possible.
GPS and consumption

- If the tag is active, **the GPS is not cut When the implementation goes into the background**. Did When track is Recorded. Reason to think the cut. If the battery drains to nothing.
- The tag itself does not add function consumption. A very short query every 5 min is negligible.
- If the tag is active, stop the GPS button is inoperative.
- You can use the tag function with a GPS timer setting. Time point (fix) will be offset by the time tag in the top table position tracking page.

Information on identifiers,

- The username and password are sent to the server at the time of activation of the tag. If the username is already taken you will be prompted to change it.
- The server tag is not secure, the password is in clear feeling. Reminder: use a specific password and inconsequential when broadcast.

Confidentiality

- No data is transmitted if the tag is not enabled.
- Each **activation** of the beacon, the positions of more than 3 days is erased.
- If you want to delete all your data server position, proceed as follows: Delete the password or ID in the preferences, then restart the tag. A message informs you delete data. Remember to reset a password before you can use the tag.
- You can change your password, before the start of the tag. We can not track your location with a password update.
- If you do not cut the tag, it can follow you forever with all the Risks of induced indiscretion. **Consider the cut** (bis).

And security.

- Do not take your safety in the operation of the tag. The reliability of the network connection, the application, battery, etc. do not guarantee a valid position.
- Inform your followers not to assume a security problem for the simple reason of an abnormal position or not updated. Positioning can be useful in case of emergency release but should not be the trigger for a correlation without further warning.
- It was intended to allow the sending of messages from the server in case of abnormal position. This option does not work, just not to create false alarm in the event of system malfunction.
- If tracking is not updated, it may come to a stop for **iPh iG N i** Untimely or manual, without Interrupting the tag. It is not possible, to be sure of the position.
- If monitoring shows an hour off the tag, consider the course as completed safely, regardless of the position. In fact, this fence is a manual action, deliberate and meaningful to the person followed.
- The most significant anomaly case is a follow-up that is updated regularly (functional tag), while remaining on an unjustified position. Example: successive positions in a ravine below the planned route, paraglider still mountainside, etc..

Follow the "GPS tag" pins [Followed] 2012-11-10 4:28:31 pm

A specific button to mark a position on a person Have you activated the **GPS Tag feature** in icts **iPh iG N i**. It must be safe You have the credentials of this person.

Touching this icon, it **creates** a new benchmark. The entry form of mark is displayed to enter the password of the tag.

This creation is only required once. The marker is then stored in the [followed], and we can see from this list, like all
These benchmarks are represented by a red pin.

A touch on the marker shows the tooltip with the tag name, distance and azimuth are.

A specific indication is added before the name that can take two values:

1. (HJ) Offside: the tag is off. Its owner HAS disabled (off) and the display is the last position. quit The time is available in the form of detail.

2. (HS) Off: the tag HAS been not extinguished, the purpose server Does not receive a position for longer than normal. It is Often the box When you forget to cut the tag end of the exit. aussi This can Occur if the issuer HAS no network for a while.

3. The Lack of status if normal. The tag is active. Automatically It is repositioned every exchange position with the server (5 minutes)

A button on the blue button in the bubble reaches the record detail.
There are contacts details, status and the Ability to display the parcour (Approximate) of the tag Followed.

These pseudo-traces are also listed in the group of traces [followed]. They are not permanent and will disappear from the group when they are no longer displayed.

For Each shipment of your own position to the server, iPhiGéNie Receives the list of followers of your tag. A tool tip you of any exchange by posting this list.

In this example against, there is one follower: web. This is a reserved name That Indicates That you are monitoring through a browser displays the tracking website That iPhiGéNie.com.
[Vmax] Traces

Altitudes: warning

Altitudes not the GPS is not accurate. This is not a limitation of iPhone / iPad, goal consequence of the GPS mode calculation. This accuracy is further Top Reduced by poor reception conditions. It is "normal", at least predictable, the altitude curves show abnormalities. Similarly, total altitude difference shoulds be taken with caution.

Traces and toolbar

The buttons on the toolbar are mere traces.

- Register Button (Round)-stop (square) to start or stop a trace.
- Pause button-on.

Active trace being recorded, is red. The other lines are green.

A track is Composed of segments. Each pause terminates the current segment. A new segment is started the recovery. If the position changes while a track is paused, a dotted line connects the two segments.

If one or more traces are displayed When the record button is pressed, proposed to the summary Most recent recording. This helps to catch the mistake of turning off track instead of pause. There is no difference between "break on" sequences and "arrêt-enregistrement/reprise."

If the track is interrupted by a phone call, for example, it is Automatically When Resumed is restarted.
You (iOS 3.x). It is creating a new segment. iOS 4 is the trace functional in the background.

The beginning of a track is marked with a blue marker, the end of a yellow / red. An active track has no end mark.

- The info button. It displays a banner "counters track": distance, elevation gain, time, average speed. A pat on the banner displays (and mask) curve gradient.
- The "lists" button opens the page management groups. See the Specific chapter, the common signs and markings.
- The "export" button aussi Discussed in its own chapter.

Extended tool bar
Since Adding Functions for Creating / editing and monitoring the toolbar is too wide traces in vertical display on an iPhone, It has in this case a button away. It toggles the function buttons.

Filtering points
A global option (via the "Settings" application) enables a filter points. The purpose of this filter is not saving battery (see about the GPS options) but AVOID recording traces unnecessarily huge.

It is possible, and even Advisable, to use the filter at the same time That the GPS timing Will limit battery consumption.

Shouls You Know That, by default, the GPS Provides one to three items per second. This is unnecessarily MOST for outdoor activities.

The filter Applies an algorithm on several criteria (distance, accuracy, heading, distance to the road 3d) for Determining Whether a Point is Retained. This algorithm uses the last three points received and may decide to reject
the latter or the contrary precedent.

It is normal That is the red trail behind the current position in this mode. It can even Occur in a straight line at high speed, a wide gap is created betweens the two. At the end of the track, it catches the position, if considers.

[Vmax] Creating / editing tracks and roads

It is possible, to change tracks Recorded by or imported by GPX. It is also possible to create routes directly on the screen as well as routes by point waterways. Finally, in response to a maximum of use cases, it is even possible to add navigable points to a track. It is then possible to follow such as a road or a path.

Some definitions

<table>
<thead>
<tr>
<th>Trace route Recorded on</th>
<th>Generally points are dated and altimeters. They are listed with a T red. Most routes are imported as Such.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Route created manually</td>
<td>to prepare a race, They Do not Contain any temporal or elevation information. A future version Will add a altimetry MNT. It is listed with a T black. On this page the word aussi includes road signs.</td>
</tr>
<tr>
<td>Route Established in or imported by GPX (the road format). This is a simplified way, through navigable points. No time indication. R black.</td>
<td></td>
</tr>
</tbody>
</table>

Navigable item in tracking mode, the display shows distance, azimuth and Estimated to the nearest 'time navigable item. All items of a road are navigable. They are conical Represented by red markers. aussi It can mark any item to Plotted as a waterway, Creating mixed object TR. They are red or black DEPENDING on the presence of time.

On the left a path with a navigable point collar. On the right road (completely bogus).

The pictures show the toolbar tracks, with the edit button and button up.
Editing a route

In edit mode, the path is strewn with small yellow pebbles. **Note:** all items are not represented. To avoid cluttering the display, you can use the scroll buttons to move to the next item / previous.

Touching a stone to select none. The active item is displayed in red. A tooltip appears, and an area of "key" to move the point:

- Touch / drag to move.
- A pat on the button hides / shows the info bubble. Touch the bubble as the mask.
- Button will disappear after 10 seconds. Touch again to view the stone.
In the bubble: Point location, time, item / total in the segment, the segment speed index.

Be careful in moving a much we track lap: according to the movement, the lengths of the sections on Either side of the Point Will Be changed. This May distort the instantaneous velocity goal aussi the maximum and average speed of the track. On the trail Emparis points Moved up shows a speed of 28km / h INSTEAD of 2.

The edit mode displays its specific toolbar. The buttons from left to right:

- **Output**: end of modification and recording.
- **Tag**: switch the current point-in "tag" navigable = item The button is inactive route fashion Because all the items are navigable.
- **Divide (v5.1)**: the track is divided on the current item Becomes the first of the new segment. You can cancel this operation by touching the button **Delete**. Over the last three pictures in this §, we removed the point of the track to display the segment.
- **More**: Adding a mid-point interpolation betweens the current point and the next. It Also has a function "Cancel" : after deleting hath touching this button restores the deleted (with details of time and altitude).
- **Previous**: Moves the focus to the previous item. This is not the "rock" visible above, the purpose Recorded last issue. Icon pebble moves to materialize the active focus.
- **Next**: The next item in the management of the plot.
- **Delete**: Deletes the active focus. The focus shifts to the previous item. Canceled The operation is by touching the More button *if the focus is not Moved In the Meantime*.

Individual cases of erasing a track with segments:

1. If you delete the **first** item of a segment, the item is not deleted, the goal segment is attached to the form. This is useful for joining two segments from an untimely break. This Does not apply to the first item of the first segment (*first trace*).
2. If you delete the last point of a segment that has more than two points, the segment is deleted completely.

Creating a new route

- Touch the Edit button
- In choosing "new road" dialog point A is Positioned at the center of the screen. It is red indicating indication That It Can Be Moved.
- Set the starting point of the track
- A slap on the "" button to change the mode of the active point it becomes green. Another tape makes gray, a third back to red.

The three modes of the endpoint of a line

- How red is common with other points: In this state the item can be Moved with the key.
- The way green . This is the magical way: touch / slide on Automatically Creates The Necessary items for the road follows the cursor key. Desired Just follow the cursor with the n That the road to build path . It is normal for the route (in red) is behind the "elastic" white (as in the automatic recording of a track.) Release the button to force the point. This is the recommended way to mark a clear shift in the plot (hairpin turn, etc.).
- The fashion gray Manual mode. We must release the button to create EACH track point.

At any time, you can move any point of the route by selecting it. Back to the terminal point to extend the path.

The path created after recording (modification mode) is in the [new] as recorded traces.
Create a route

Choose "new road" in the dialog establishment.

There is no magic mode, all points shall be releasing the button. They are depicted by an icon tag to be shown on the map.

The road created Effective recording (change mode) is in the [new] Recorded as traces.
Notes on export

The manuals are exported GPX tracks as "tracks" without time indication. This is consistent with the practice.

The roads are exported as "roads" under the agreement.

The special case of plots with navigable item is Treated by exporting two entities:

- The "track" with all points along the route. Navigable items are distinguished by a special kind.
- A road with only navigable points.

Importing GPX such third party software will give two entities.

**Warning**: If you export multiple tracks mixed together, some software may refuses to read the file that tracks and roads are alternated. In this case, you must export a single track per file (use the visible group).

[Vmax] Monitoring track / road

Follow a trail
The monitoring function is enabled by a new button on the toolbar traces the big arrow “one way”.

- View a track (recorded, imported or created manually).
- Touch the button up.
- A dialog box allows you to select the direction of follow-up on that of course. If the path includes navigable points, the dialogue has 4 choices (right). See below.

When monitoring is active, the icon is that of a "stop" sign to stop the function.
- Track to follow is shown in white (shaded visible on white background). The path is green.
- If the position is not on the route, it is projected thereon to determine the values of monitoring.

Button info displays (right) information bar. This bar Consists of four fields That Are aussi buttons to swap values

- Distances traveled and remaining (negative).
- Deviation from the road, with m indicating the side from walking.
- Time: Past, estimated remaining (negative), ETA (estimated time of arrival).
- Speeds mean (Vm), Instant (Vi)

Accuracy of the calculation: The average speed, remaining time and the arrival time is calculated from the time and position monitoring was Launched. It is possible, to start monitoring anywhere on the road HAVING calculated values correspond to reality. Can "wipe the slate clean "(time, speed) with stop / restart monitoring.
Navigating a route

Practitioners "off track" air sports etc. .. need to locate on navigable point "waypoints". This is the subject of roads.

Choose the management of monitoring

A green dotted path indicates the direction of the next navigable point.

Accuracy: The choice of the point is navigable Considered automatic, DEPENDING on the position and heading up .. There is no manipulation to Ongoing monitoring to move from one branch to Reviews another spiral Aircraft Does little concern for His next race Will

All which APPEAR only once on the road.

The buttons on the info bar contains additional values from the following plot:

- Distance to waypoint (W)
- Button on the standard route: azimuth waypoint.
- Time estimated to waypoint, waypoint ETA time.
- Speed: as studs.

The right image shows the optional heading display monitoring projected to materialize drive away.

Navigate Track

Monitoring is one of a road intended the display is a little different to the travel path That is featured on the track, except betweenes Being
Appears Have you got a road.

**[Vmax] Benchmarks**

shows three kinds of markers (waypoints). All can be classified into groups, named and annotated.

- Research findings, blue, fixed position. They are stored by default in the [research]. They are not getting the search function, "target" icon.
- Points positions, yellow / red, fixed position by default in the [positions]. They are created by touching the "pin / arrow" icon to the right of the target in the toolbar. A marker is created at the current position.
- The manual bookmarks, green, RPN, default in the [marks]. Created by the "pin / button" button, INITIALLY They fall to the center of the screen. It is then possible, to Accurately position on the map.

**Move a marker**

1. A slap on the benchmark shows a button (white circle). Put your finger on the button to move the marker.
2. A long touch on the marker Does rise. We can then move to position icts, it will "plant" when the finger is over.

For all benchmarks, a quick tap displays a tooltip. The title and subtitle are displayed. They can be changed in the details of the mark. Touch the bubble to close.

The bubble HAS blue button for live display of listing retail landmark, without Having to go through the lists. It is possible, for this file to rename and annotate the mark, Classifying it as a group and delete it. See the page on the detail sheet.

When the bubble is displayed a blue dotted path joins the current position of the mark.

The two icons on the right have the same functions as the traces: the group management and export. These functions each have a separate article.
Pins and implementation plan

Since the record detail of a landmark, it is to be Directly open the Apple Maps application. This allows you to view the position and calculate a route to this point. To return to the toolbar is too wide benchmarks in vertical display on an iPhone, it has in this case a button away. It toggles the function buttons.

Swapping the toolbar

The toolbar is too wide benchmarks in vertical display on an iPhone, it has in this case a button away. It toggles the function buttons.
In horizontal view, or an iPad, the width to display all the buttons.

**Meaning of icons buttons**

In the order of the bar above

1. Close pins functions
2. Add movable manual landmark in the center of the screen by default.
3. Open the search page
4. Add a marker at the current position
5. Ranking benchmarks
6. Activate / deactivate the "BaliseGPS" function
7. A benchmark tracking BaliseGPS "friend"
8. Add photopoint
9. Export benchmarks

**[Vmax] Benchmarks and pictures**

It is possible, to associate a bookmark with a picture, or Adding an image to an existing landmark or by Creating a Positioned at the location of an image reference.

This function is only available from the iOS 4.1. From this release, the use of the library by third-party applications is redesigned, Adding data management capabilities: such as geolocation.

Pins associated with an image are displayed with a flag on Their icon.

**Create a landmark Directly From a Photo**

The "photo" button starts the function. If the camera can take pictures, a dialog allows you to choose the source of the image.

- If you take a new picture, the marker is created at the current position. The photo is saved in the library, with its geo-location, as does the native iOS application.
- When an image of the library is selected, the positioning of the mark depends on the presence of geo-location information in the picture. If they are present on the benchmark used. If the current position is used.

In all cases, the benchmark set is manual to allow adjustment. In case of manual removal of the mark, the photo location is not changed, only That of the benchmark. To reposition the photo as a reference, you must remove and return the form via retail.

**Add, delete or change the image of an existing landmark**

1. View record details of a landmark. Already If the mark is an image, it is visible as a thumbnail. A pat on the thumbnail displays the picture in full screen.
2. Switch to change the mark.
3. Touch the thumbnail (or the default icon) to select the source and target image.
4. If the marker is movable deviation (green) icts position is changed if the photo is geo-localized. Research markers (blue) and position (yellow) are not Moved. You can copy the coordinates of a green paste before him an image for restore then mark.

- It deletes a photo with the red button.
We can remove and replace an image to reposition a placemark.

**Important landmarks and library**

Does not duplicate the images from the library. It associates EACH item with reference thereto. This avoids duplication and allows you to manage images with other tools.

If an image is deleted from the library, it is no longer available for reference.

**Export benchmarks Photo**

- A new global preference is available to export pictures with pins in an email.
- Export mail is limited to 5 images. The mall is not suitable for large volumes of data. When sending, if the email is heavy, year to Reduce the size of pictures option.
- Upon receipt of an email Containing a GPX file and an image, the Association is not automatic. We must first, save the picture in the library, since the mall, on the other hand, again the combination betweens the imported and saved landmark picture. In most cases, the export / import of the two is not justified. Image Containing the geographical position Often it is sufficient. GPX is useful if it contains additional information.

**[Vmax] Traces and marks: detailed files**

For traces like pins, each item has a detailed editable. To view the record detail, click on the blue chevron button.

In sheets traces, only the first and last section are editable. All sheet information is exported to GPX.
Modifying a record

It goes into edit by higher fashion "edit" button.

- By default, the cursor is in the last block. Enter here any detailed information on this item.
- The first section allows you to name, caption, and classify items in a group.
- Touch the title or subtitle field to edit it.
- A button on the group field displays the group list Where you can classify this item.

For traces, the record is updated in real time, including altitude curve.

Direct operations on track
Duplicate original keeps track before modification, to make variations were common DB, etc. This is duplicated track that remains open for editing (see name).

Export To export a single track conveniently. Complements the export per group.

Load cards Will This function scroll Automatically track the four scales topographic All which simplified caching tiles along a trace.

Changing the position of a landmark

You can change the position of a landmark by changing coordinates icts. We can do it in any coordinate system displayed. Entering The syntax for has-been extended to allow the simplified size Described on the search page, as well as the formats used for display in the cards.

Landmarks photo viewing and editing

Pins can be associated with pictures. In consultation fashion slap on a thumbnail displays the picture in full screen. edit In fashion you can add, edit, or delete an image.

Clearing

The big red reset button is active all the time Warning: Deletion is immediate.

[Vmax] Traces and numbers: group management

Group management is similar to the traces and pins.

- Groups Whose name is in brackets are That default groups are created automatically. You can delete them but they will be recreated as needed.
- The group [visible] is a nickname That group includes items Currently Automatically checked and therefore visible on the map. If you touch an item in this group, it disappears (it is no longer visible.) The item is not removed from its real group. The deletion of this group is a convenient way to put the card "to clean."
- You guy group name to view the items it contains.
- It selects an item for display by selecting a tape.
- The card is Automatically centered on the last item selected.
- To see the detailed form of an item, you must uncheck it and touch the blue chevron button.

![Image of a map with groups and items]

Warning: Deletion is immediate.
Changes the group list

We go in edit Mode with the upper "edit" button.

- Group is added by changing the title "new group." The green + button erases the default label.
- We modify an existing group by touching the name. The keyboard appears. Is validated certificates by the "return" key.
- It Removes a group by touching the button - red. Confirmation by the "delete" button. **Caution: Deleting a group, once confirmed, remove all items it contains**. This is radical, it is the only purpose rapid method When You Have many items.
- There is also a quick method "delete-delete" from the "normal" state, passing the finger from left to right on a group name, it switches to that particular mode with a clear button for this group (image below). Also touch on the "delete" button to cancel the operation. The "OK" button too.

---

Rank items

---
When the list of items is displayed, the "edit" button changes to "rating" mode.
Select the items you want to move or delete.
Touch one of the icons at the bottom DEPENDING ON Whether you want to delete or reclassify items.
If the bin is selected items are deleted. If the "file" is selected, a list of groups Appears.
Select the destination group.
The display returns to the current group. Displaced items are gone, they are in their destination group.

[Vmax] Traces and numbers: GPX export

The export GPX file procedure is common traces and markers that have the same button to the right of the toolbar.

Some points regarding the export:

- An export operation always Refers to a group.
- We use the little group [visible] for one export item.
- Once a group is selected, a GPX file is created and an email is generated, you need complete (address) and send.
- If the exported group contains several traces or marks, they are grouped into a single GPX file.

Caution: if the "mail" option is not active (in the global preferences) this step is omitted.

- The generated files are accessible via iTunes, if the option is activated (in the global preferences). After connecting your device, the iTunes displays a list of file sharing applications "Applications" tab. GPX files are located here. You can copy them to your computer. Do not try to change the content of the "tracks" files and "point of reference" that are seen in this context. You can save 'em (they are Already by the standard procedure for synchronization), aim Their files are not usable outside of iPhigNélie.

Caution: Do not allow to accumulate export files in Documents. Should be cleared manually Effective recovery.

Export photos benchmarks

See bottom of page marks pictures for some details on the export picture in email. See also option in the global preferences.
**[Vmax] Traces and marks: import GPX**

**iPh iGéNie** allows you to import GPX files, without identification of Imposing an account or site specific share. You have a choice.

Importing GPX files can be done in several ways:

**Copy a file via iTunes**

This is the most reliable method to import:

- Connect your device to iTunes
- Select your device to view the configuration
- In the "Applications" tab, scroll down to the file selector and click **iPh iGéNie**.
- Slide or GPX files in the Documents folder.
- They Will Be imported When you view the list of groups **iPh iGéNie**.

This access to the Documents folder is useful to delete a file that is the problem. It also helps to clean by removing the GPX files from the export commands after copying.

You can use aussi **DiskAid**, as shown in this post. Allows Direct iTunes backup files but not the document Subsequent manual copying Within folders (files only the first level).

**iTunes: re-import an Exported File**

We need to change the file name, removing the "exp_" at the beginning. This is necessary not to import the exported file in the Documents folder.

**Import a file attachment to an email**

- Put the GPX file attachment to an email That You Will receive on your device.
- Place your finger on the icon in the Mail attached file, a menu opens and offers to open the file in **iPh iGéNie**.
- You can directly send a trace of one device to another without going through a computer. The prefix "exp_" is Automatically removed (see below).

**If the application crashes after importing a file (usually by email)**

When pressing the button list, the application of the import files waiting. Sometimes the mail application saves some bad files, or the file is Incorrectly formatted. Which can causes a crash.

In both cases the solution is to delete the file when viewing it with iTunes as explained above.

**Import by URL**

The principle is to use a URL (a web address), All which is the file to import. **iPh iGéNie** defined a special URL-That Differs only at the Beginning:

**Example** gpx :// / iphigenie.com / gpx / Emparis.gpx

If you see this guide from an iPhone / iPad, a pat on the link above to open automatically **iPh iGéNie** to import the file.

This URL can be manually typed in the address of Mobile Safari aussi received by email or bar.

As this particular URL format is not present as-is on the net, there are two cases:

**Directly import a file That is on the net, Such a sharing site:**

- Copy the URL of the GPX file. In MOST browsers You have to right click and "copy". See end of article list
sharing sites tested.
- Paste it into the address bar of Safari on your device (iPhone / iPad)
- Manually replace "http" with "grail" at the beginning of the address
- OK.

Closed Safari (background on multitasking devices) and iPh igNie starts. The track is located in the [import]
This "manual" method has the advantage of working on the go, without using a computer.

Importing a GPX file located on your computer

In the previous case, the file is already on a server accessible on the internet. This is not the case of a file on your
computer. As a URL implies that the file is available on the net, iPh igNie offers a service "GPX relay" through
this website.
- Go to page GPX relay thesis and follow easy instructions:
  - Select the file to send.
  - Click the "send" button.
  - After checking the file, the URL is displayed and formatted correctly. You have the option to send it by email
to your device.
- In the received email on your device, click on the link opens in That iPh igNie .

Sharing sites tested

You are invited to post in this thread your experiences with other sites.
- Openrunner: on this site have on the procedure works. This can be done by copying and pasting the link-edit the
  GPX file. You can even click on the link downloads the file. That ounce (unnecessarily) it has the advantage
  purpose of displaying the link in the address bar. There are more than the change in gpX:
- Vttour: Works well as the previous one.
- RandoGPS: Works well. You can copy and paste the link-edit. If you click on a post from Safari, the goal address
  is correct.
- UtagawaVTT: after modification by the webmaster, but cooperative, this site functions as the previous one: error
  message if you click, but the link is good for modification gpX:
- TraceGPS: here, it is not possible, to copy the link. But if you touch it, it opens in another window. Safari
  displays an error message. We can ignore it and change the URL in gpX: and it loads.

[Vmax] Printing and screen shots

"Action" icon, found on the toolbar "map" provides access to print and
copy functions "screen.

There are two ways to print:

AirPrint printing

Devices in iOS 4.2 + and able of multitasking (iPhone 3GS, iPhone 4, iPad) may use this feature. At first glance it may
SEEM useless because it is natively supported by a handful of wireless printers. In principle, the OS update X 10.6.5
should allow you to enable sharing of any printer connected to a Mac via this protocol. For the moment, this
possibility has been postponed, there are a plethora of web pages and applets that enable (google "airprint" .)
Here is a link to AirPrint Activator a mini-application (in English) all which does not use Apple file.

So it becomes possible to use any printer connected to a Mac over a WiFi network.

In all cases, the procedure is the same for iPh igNie: A slap on the
"Share" button opens the dialog for selecting the printer. We validate
the print button and the print job is started in the background. You can
view, delete, and print monitor via the printer driver (double tap the
Home button).
Influence and scale of the printed document

Printing in iPhone is not a single screenshot. The Entire mosaic tiles displayed and not just the visible screen is used. In practice, this corresponds to a square of side 768 on an iPhone and 1280 pixels per side on an iPad and an iPhone 4 in high resolution fashion. It is therefore very useful to switch to HR mode on an iPhone 4. This 2.8 multiplied by the printed surface.

The print data Were adjusted to Obtain a print to scale, subject to the accuracy of the printer and paper quality.

Traces and marks displayed are present on the printout.
Here, for comparison rendering the same track in Both print formats (click on the pictures to get the original PDF):

For super-picky, which after cutting and superimposed printing on a paper map IGN will notice a slight deformation, remember that the projections are different. The main thing is that it is usable.

**Screen capture and printing third-party applications**

It is also possible to print using third party applications. All major printer manufacturers (Canon, Epson, HP, etc ...) broadcast applications on the AppStore for printing papers and pictures in particular. *iPh iG é N* saves a (much larger than the standard screen iOS copy) equivalent image library.

On devices that are not capable of AirPrint (4.1 or no multitasking), the function automatically when you touch the print button.

On devices capable of, the screenshot is saved if the printing is Canceled in the dialogue option before you print (see above). You can disable this automatic by a [global preference](http://translate.googleusercontent.com/translate_c?depth=1&hl=fr&client=transapp&u=http://iphigenie-f1a.com/manuel.html&usg=ALkJrhj-zqqidWlzB9g4DGAS5QjmN2ZKSY8A).

In all cases, when a screen shot is saved, it appears briefly by lifting the map.

We can then launch the third party pursuant to select the printing Recorded picture and print it. Metadata define a picture of the proper scale printing (DPI) purpose They are ignored MOST of the time and the image is printed to fill the page. Then you try to play the scale factor of the print dialog, if available, to obtain a correct scale. In some cases, it is useful to try:

- 100% if the factor exceeds displayed
- 45% if the factor displayed is 100%

**connection to an external display**

The use of *iPh iG é N* in Conjunction with an external display is easy: Just connect the monitor or projector with a suitable cable.

**Some details about the remote Image**

The picture displayed on the external display is not a simple duplication of the iPhone / iPad screen. She makes the
best use of the available can Externally resolution. As for printing, The Entire mosaic tiles displayed and not just the visible part of the native screen is used. In practice, this corresponds to a square of side 768 on an iPhone and 1280 pixels per side on an iPad and an iPhone 4 in high resolution mode. It may be useful to switch to HR mode on an iPhone 4. This Increases the visible area of the external card When resolution is higher than 768px in one dimension.

However, the management of the external image is not as developed as the native image. The external image is updated Only When a crop or zoom on the original picture. Necessary There are sometimes due to an update by slightly moving the native image.

On the other hand, the external image is centered as the native image, but its size and different form factor can distort the overall impression.

Often cropping the image is native crop the external image in reverse apparent meaning, because of the shifting mosaic tiles. After a little practice we found it.

**What cable to connect a monitor / external projector.**

Apple cords:

- VGA cord. Have you Gives It is he, for the moment, the best resolution 1024x768 Externally, if Allows the monitor. Its default is to not have USB. It is therefore not possible, maintain maintenance to the load of the iPhone / iPad.
- Cord components. It has a USB port for powering the iPhone / iPad. By cons it was not possible to exceed the 720x576 video resolution (576p) with this cord. Some Apple documentation is mentioned 1280x720 (720p HD half). This Seems to be the case. We do not know if the HD will return later.
- Composite cord. Not tested, aim Will probably lower picture quality, in the same resolution as the previous one.

Cords Lightning connector: There is a variant HDMI and VGA version. Returns are welcome to use.

Third cords. No test yet. Any feedback will be welcome in this thread.

**Troubleshooting**

**Abnormal behavior of the application**

Sometimes Effective year facility or upgrade, Behaves abnormally. For example starting and blocking loading cache mode.

In this case:

- Remove the application
- Power cycle the device (this was recommended to a user by Apple).
- re-install Directly from the device without using iTunes.

This Will not make you lose your license. As against the cache, pins and traces recorded will be lost. Make backups (general backup through iTunes, or export).

**The card runs alone without stopping**

Is that You have made a "triple tap" inadvertently activated and the orientation of the card user. Repeat a triple tape and everything is in order.

**[v4 only] The functions map, the "melted" the land registry and printing**

**The molten fashion**
It will display maps and photos overlay with adjustable fade.

Operation is simple and is especially interest in the avoidance of doubt the precise scales, when a forest does not match the card, for example.

It is possible, to hide the Remaining melted tools display a picture or even mixed melted. ATTENTION fading mode, you load twice as tiles and it is normal that it takes longer to load in an area that is not cached. It is more efficient to choose cards OR photos before hide tools melted.

The cadastre

The molten cache mode an additional resource, the land registry.

In this mode, at small scales (high zoom), a global preference DETERMINED if the streets are displayed as in normal mode, or the land registry. By default, the land registry option is active and Allows overlay plot and photos. You can choose betweens orange cadastre All which is best seen on a green background and black classic That is MOST visible on light background. Warning option changes color on the land registry Does not Automatically reload the tiles Already in cache. purge We must manually change color in a sustainable way .

In the metropolis, the plot is even more accurate than the photos and the ultimate zoom, this is the only layer displayed.

Geoportal button / switch OpenCycleMaps

A touch of this button switches the mapping mode. The switch scanning is now an option in the global preferences.

Printing and screen shots

The last button is used to print and export screenshots .

[v4 only] Switch mapping: Geoportal / OpenStreetMap

This chapter of the manual is obsolete with v5. It is kept for A Few Devices That can not be updated.

By default, the switch mapping is controlled by a button on the toolbar "map".

A one overall preference Enables a Specific gesture, the horizontal scanning two fingers to control the switch When you want to do it often.

The tipping button is less prone to operator error, but slower.

OpenStreetMap / OpenCycleMap

iPh iG N can display maps collaborative OpenStreetMap . This is the varying OpenCycleMap is displayed. It is more suitable for our use Because They include contours, derived from NASA data. The whole is less precise and less than Documented our dear IGN goal worldwide coverage. It is appreciated !

The cover OSM fashion :. It works as expected for the lookup caching The provisional option is not active in this way Because You have to pay for the service. currency This May Be in the future.
Maps and projections

Below, two pictures to compare, Focused on the same point

Ladders Mercator

Those who have practiced navigation, sea or air, know, the Mercator projection does not preserve the scale expands with latitude and that is why the distances are measured on the side of a navigation map (scale latitudes).

The consequence is obvious on the images above: the same benchmark that measures 170m to latitude 45 ° applies only 231m in the north of Martinique, at 15 ° N.
The distance value is calculated and displayed for each movement of the card. The fourth map above, centered few km north of the 2 first lost to 2m wide.