VMS touring

GPS Navigation User Guide

CONTENTS

NAVIGATION
Selecting on or off road modes..... 3

OFF-ROAD NAVIGATION (Available to street and off-road units only)
Your choice of off road software..... 4

MAIN MENU
Main Menu Options..... 5

VIEW MAP SCREEN
Viewing the map..... 6
On screen controls..... 6-7

ROUTES
What is a route?..... 8
Creating a route..... 8-9
Viewing and Navigating along a route..... 10
Modifying a route..... 12

WAYPOINTS
What is a waypoint?..... 13
Adding a waypoint on the map..... 13-14
Adding a waypoint by coordinates..... 15
Adding a waypoint at current location..... 16-17

SEARCHING MAPS
Searching for a location..... 18

TRACKLOGS
What is a tracklog?..... 19
Creating a tracklog..... 19-20
Accessing and modifying a tracklog..... 21

MAP LIST
Browsing the Map list..... 22

SETTINGS
Accessing and modifying the settings..... 23

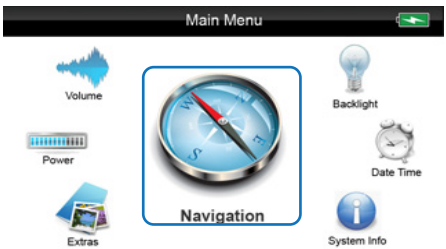
ABOUT
Accessing About..... 23

EXIT
Exiting VMS OFF ROAD GPS..... 23

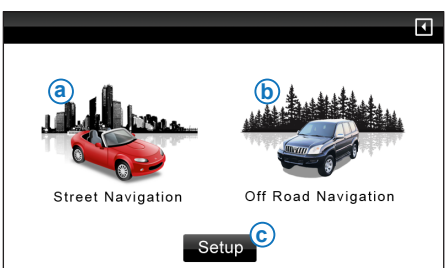
Selecting on or off road modes

To start any of the navigation applications, turn on your GPS and select the **navigation or GPS icon**.

VMS Portable GPS



VMS In Dash GPS



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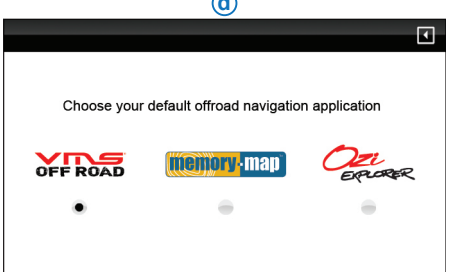


Select the following options

(a) Street navigation

(b) Off road GPS
The default Off Road application is VMS Off Road.

(c) Change Off road GPS software.
If you wish to select another Off Road application, you can do so here **(d)**.

Your choice of off-road navigation software

Please Note: Off-Road Navigation is not available to "street only" navigation purchases.

The VMS Touring range are preloaded with two Off-Road GPS apps

VMS Off Road GPS **OR** OziExplorer CE (demo version)

Both apps perform the same job, that is to aid in Navigation in Off Road conditions. This Quick Navigation Manual is compact and portable. It focuses on the VMS app, which is the recommended Off Road App. If you prefer to use Ozi CE, sales, help & support is provided by OziExplorer directly from www.oziexplorer.com

VMS Off Road GPS
The VMS app is developed in Australia with easy of use and great features in mind. Therefor, it performs very well on touch screen enabled devices which is a popular feature on all VMS GPS products. The app is great for novice and experienced operaters of Off Road software. It provides a no fuss, intuitive user experience and is packed with great features.

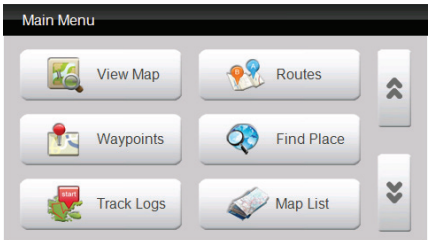
VMS Off Road GPS app technical support
Tutorials, Hints & Tips: can be found on our website http://kb.vms4x4.com

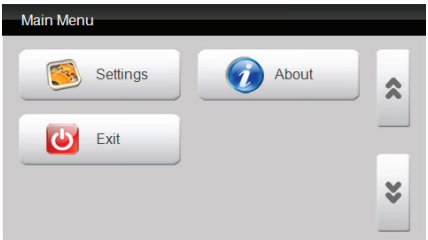
Ozi Explorer CE
A demo version of Ozi Explorer CE is preloaded on this device for convenience and by request from customers who are experienced with the software, and are familiar with it's operations. OziExplorer iVMS does not provide technical support Ozi Explorer CE. For help and support, please contact Ozi Explorer directly.

The demo version does require an activation key. Although all features can be accessed in the demo version, the application will time out after 30 minuntes of use. To register Ozi Explorer, a registration code can be purchased through the Ozi Explorer website. www.oziexplorer3.com/eng/aussiepurchase.html

Ozi Explorer technical support & user guides
www.oziexplorer.com

Main Menu Options





View Map
Displays the map screen with the last open map and position. See pages 5-6 for more information.

Routes
Create a new route or modify an existing route. See pages 7-11 for more information.

Waypoints
Create a new waypoint or modify an existing waypoint. See pages 12-16 for more information.

Find Place
Key in the name of place or destination to then go to or view on the map. See page 17 for more information.

Tracklogs
Track where you have been. Start / stop or view your track log. See pages 18-20 for more information.

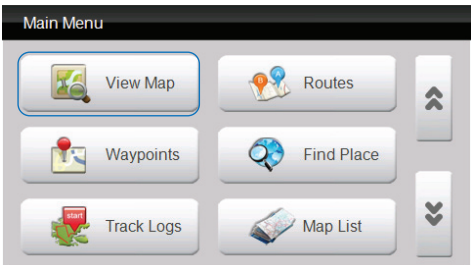
Map List
Easy access to a complete list of maps. See page 21 for more information.

Settings
Access to a variety of common settings that can help tailor the application to suit your needs. See pages 22 for more information.

About
Check the current version and build of the app. See pages 23 for more information.

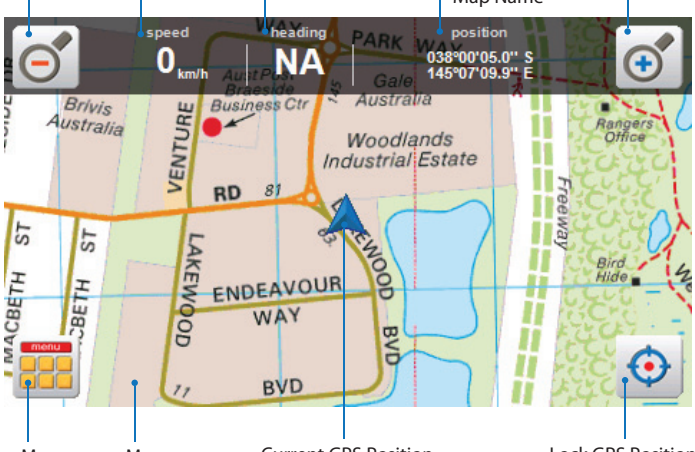
Exit
Exits the app.

Viewing the map



When you launch the VMS app you will be presented with the main menu. To start tracking your current position, the simplest way is to tap on the “View Map” button.

On screen controls



Current GPS position
Only if you have acquired a GPS position will you see this current position arrow. The current position arrow pinpoints your location precisely on the map. The arrow points in the direction you are heading and rotates accordingly as you change your course.

Heading
Heading displays the angle of the direction in which you are travelling. 0 (true north) to 360 degrees.

Lock position
Use the “Lock GPS” button to display your current GPS position centred on the map. This can be helpful for when you are browsing around any map and wish to quickly revert back to your current position.

Map
Shows the current map on screen. To browse around the map, simply tap and drag the map in the desired direction you wish to move the map.

Menu
Brings up the main menu options (see page 4)

Position / Altitude / Map Name
By tapping in this location you can rotate between the three different displays available to you, they are:

Position:	Displays your current / live gps position in a coordinate format. Formats available are: longitude latitude: Degrees, Minutes, Seconds. Decimal Minutes, Decimal Degrees.
Altitude:	Displays current altitude in metres.
Map Name:	Displays the name of the current visible maps.

Speed
Displays your current speed. Formats available: Metric, Imperial or Nautical.

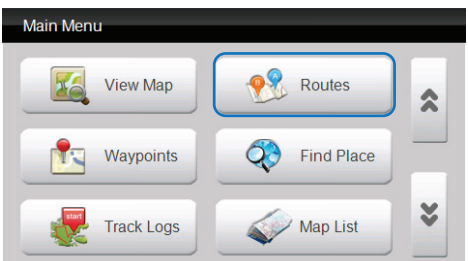
Zoom in
Tap the “Zoom in” button to view the current map in more detail. When the maximum zoom level has been reached for a map, the next tap of the “Zoom In” button will automatically load the next available map scale.

Zoom out
Tap the “Zoom out” button to view the current map in less detail. When the maximum zoom level has been reached for a map, the next tap of the “Zoom In” button will automatically load the next available map scale.

What is a route?

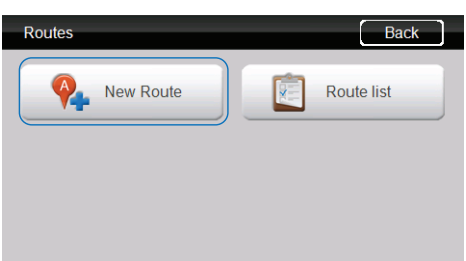
A route is a series of waypoints linked together to provide more accurate navigation information along a route. Each waypoint on the route is a via point. When each via point is reached, the next waypoint in the route is automatically called.

Creating a route

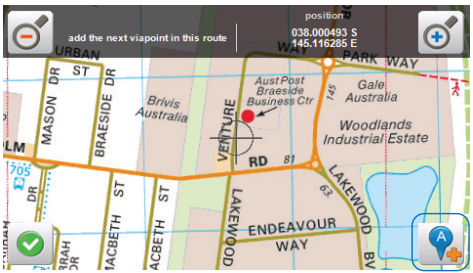


Prior to accessing the routes menu, please locate the region or map you wish to plot the route.

When ready, access the main menu and press on “Routes”

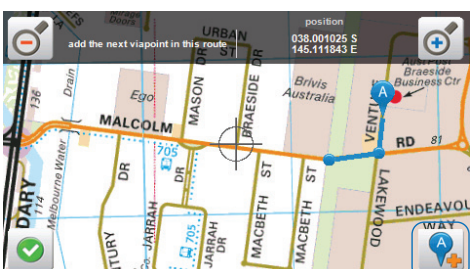


Press the “New Route” button

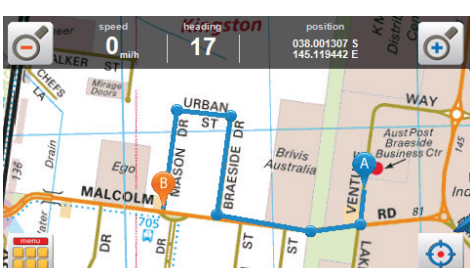


A crosshair will be displayed on the centre of the map. Position the map so that the crosshair is in the position you wish the begin route from. Press the icon with the A+ symbol to drop the first point.

The beginning of the route will be labelled with an (A) marker. (As in going from point A to B.)

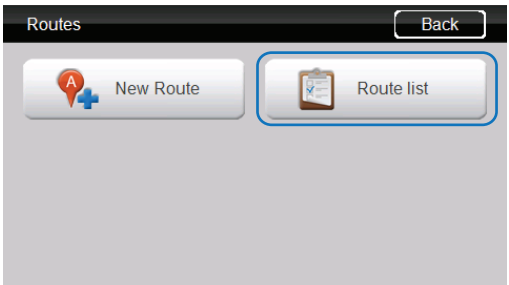


After the starter point has been placed, continue to add as many more points as you desire to draw your route. Again simply move the map to line up the position of the next checkpoint and press the A+ symbol to drop each via point as illustrated.

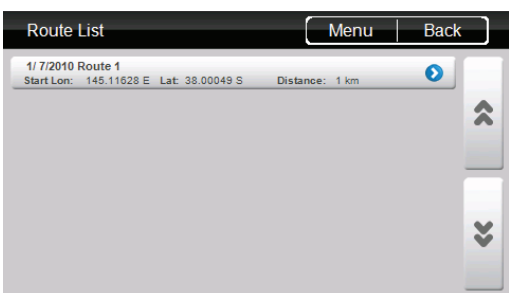


When you have finished the route press the green tick button. Your last via point dropped will become the end of the route and be labelled by a (b) marker.

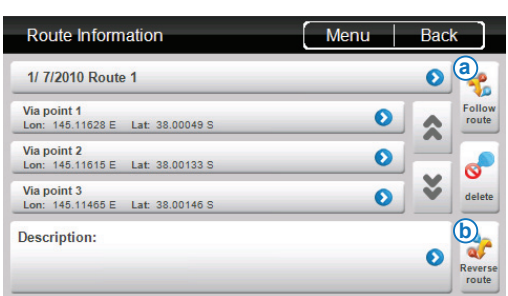
Viewing and Navigating along a route



If you plan to navigate along the route you have just created, please return to the main menu, select “Routes”, and select “Route” list.



Here we can see the route we have just created. We can see the title of the route with its date, the distance of the route, and it’s starting coordinates. Please select the route for more information and options.

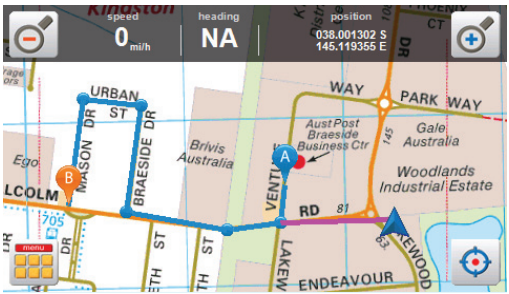


From this screen here we have a large range of options to choose from.

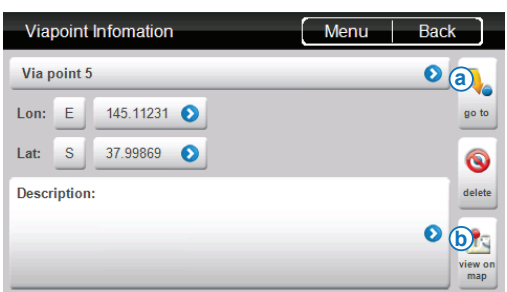
(a) If you wish to simply get going and navigate to this route, simply press the “Follow Route” button.

This will bring take you to your current position on the map and create a heading guidance line to assist in navigating you to the beginning of the route, or the nearest via point.

(b) If you wish to start from the other end, select “Reverse route”



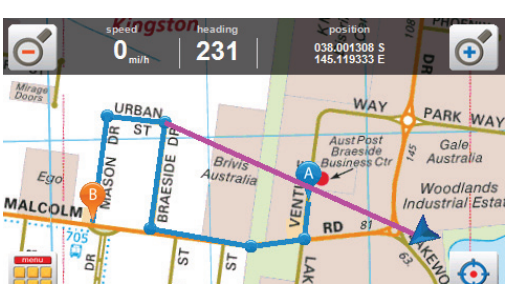
In this instance the first checkpoint is closer then the beginning position (A), so the guidance line has automatically locked on to whatever point is closest.



You also have the option of choosing which via point you wish to navigate to. To do this access the Route Information page on the route you are interested in.

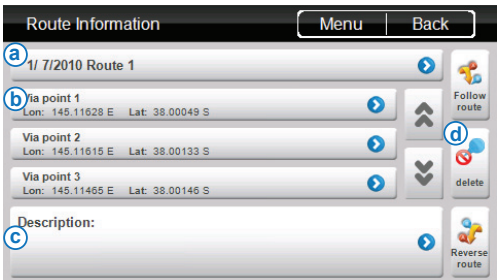
(a) Select the via point you are interested in and select “Go to”.

(b) You even have the option of simply viewing this via point on the map by pressing “View on Map”.



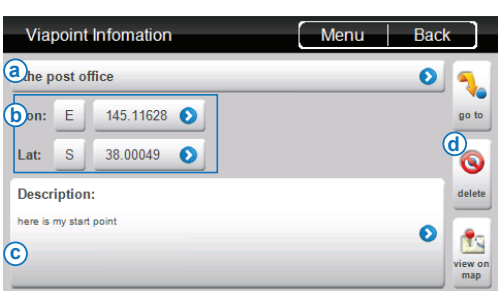
If you selected “Go to” a particular via point, the map screen will display and a guidance line will point in the direction of the selected via point.

Modifying a route



By accessing the route information page of a desired route, you will have the ability to modify the routes title, via points, route description or delete the route all together.

(a) To modify the title of a route, select on the title of the route, by default the route title will be labelled with the date, and the route number.
(b) To modify the position or title of each via point, select on the title of the Via point, by default the via point tile will be labelled Via point X, and display the longitude and latitude coordinates
(c) To add a description to the route tap on the description box to add your own notes about this route.
(d) To delete the whole route including all it's via points, press the "delete" button.



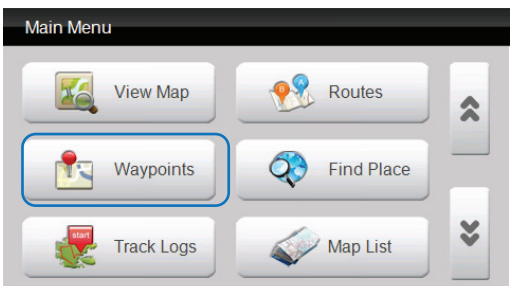
When you have selected a via point of choice, it is here you will have the ability to modify the via points title, coordinates, description or simply deleting the current via point.

(a) To modify the title of a via point, select on the title of the via point, by default the via point title will be labelled as Via point X, x being the number order from which that via point was created.
(b) To modify the position of the selected via point, you can modify the coordinates of the Longitude and Latitude.
(c) To add a description to the via point tap on the description box to add your own notes about this via point.
(d) To delete this single via point, press the "delete" button.

What is a waypoint?

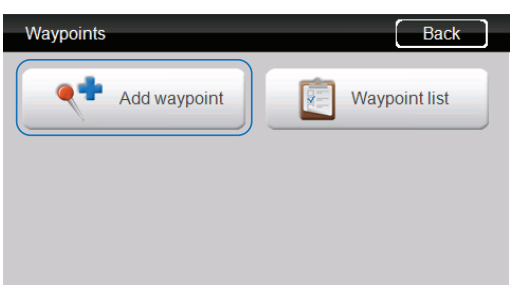
Waypoints are used to mark points of interest such as locations or landmarks for later reference. The Waypoint can be stored in memory and loaded for later use. Examples of using waypoints could be marking a camp site, vehicles location, a hazard or even your favourite fishing spot. Waypoints can be marked prior to or during your trip either by manually entering coordinates or simply by marking them on the navigators map.

Adding a waypoint on the map



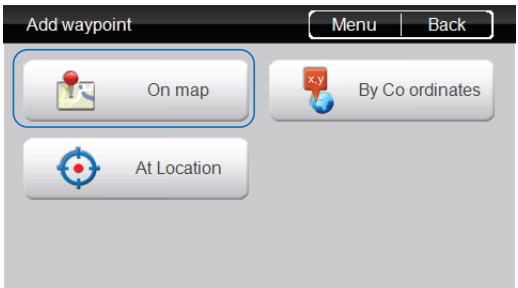
Prior to accessing the Waypoints menu, please locate the region or map you wish to plot the route.

When ready, access the main menu and press on “Waypoints”.

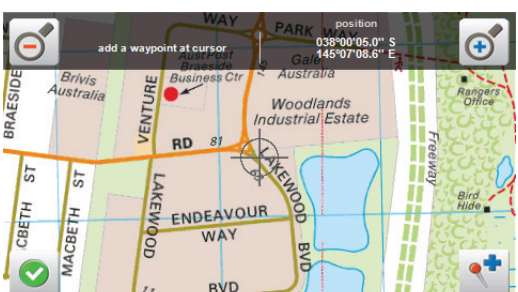


Press the “Add waypoint” button.

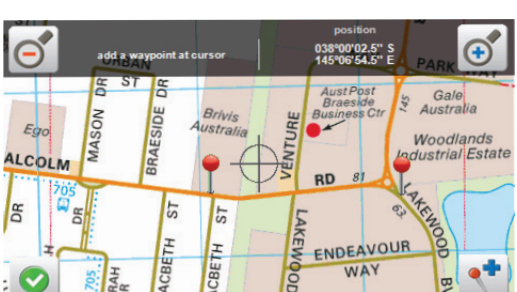
Next you will be prompted to select a method for creating your way point. Each method will be explained below.



To add a waypoint on the map, press the “on map” button.

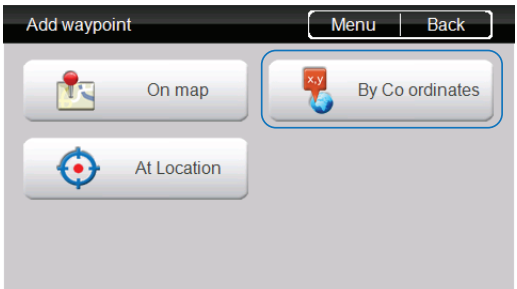


A crosshair will be displayed on the centre of the map. Position the map so as the crosshair is in the position with where you want to place your waypoint. Press the icon with the “pin and + symbol” to drop the first point.



More than one waypoint can be placed on the map while in this mode. Continue adding as many waypoints as desired. When you are happy with your placements, please press the “green tick” button.

Adding a waypoint by coordinates

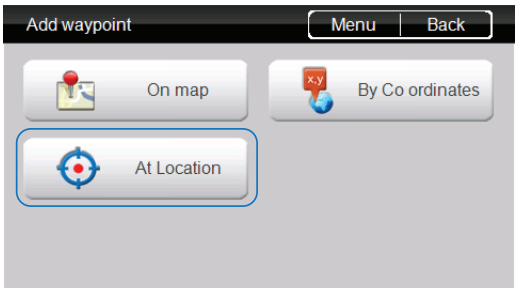


To add a waypoint by coordinate press the “By Coordinates button”

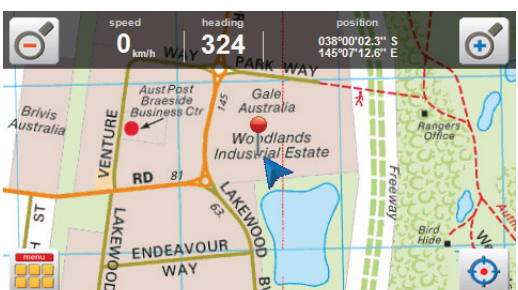
If you know the coordinates of a location of interest, this is the page you will enter them in.

(a) If required, title your waypoint by pressing into this box here. If you leave the waypoint untitled it will automatically title your waypoint with the date and waypoint number.
(b) To enter in your coordinate information, tap in each individual box to modify the value.
(c) To add a description to the waypoint tap on the description box to add your own notes about this location.
(d) To navigate to the waypoint, press the “Go to” button to be taken to your current GPS position on the map with a guide line to your in the heading of the waypoint selected.
(e) To delete the waypoint, press the “delete” button.
(f) To place the waypoint and view it’s current position on the map, press the “View on map” button.

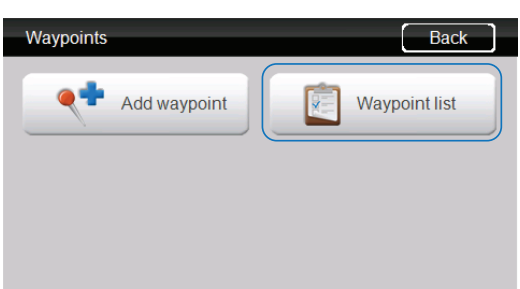
Adding a waypoint at current location



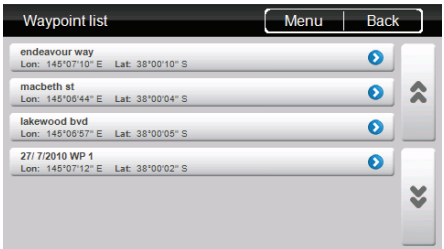
To add a waypoint at your current GPS location simple press the “At location” button.



A waypoint will be placed at your current GPS position as illustrated.



To access a waypoint previously placed on the map, select the “Waypoint list” button from the waypoints menu.

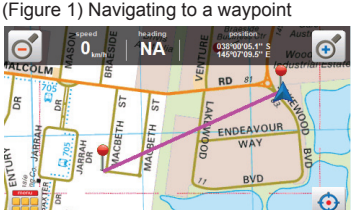


The waypoint list will bring up a list of all the waypoints you have created in the past. From here you have the option of selecting a waypoint of interest, of which you are able to view on the map, navigate or modify its details.

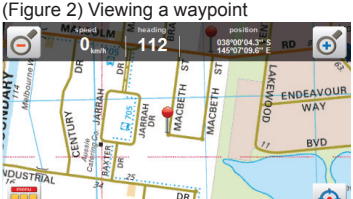
From this menu you have a series of options relating to the waypoint you have just selected.

(a) To modify the waypoints existing title, press on the title it's self.
(b) To modify the coordinate location of this current waypoint , tap in any of the individual fields to modify each individual value.
(c) To add or modify the waypoints description, tap on the description box to add your own notes about this location.
(d) To navigate to the waypoint, press the "Go to" button to be taken to your current gps position on the map with a guide line to your in the heading of the waypoint selected. (See figure 1)
(e) To delete the waypoint, press the "delete" button.
(f) To view the waypoints current position on the map, press the "View on map" button. (See figure 2)

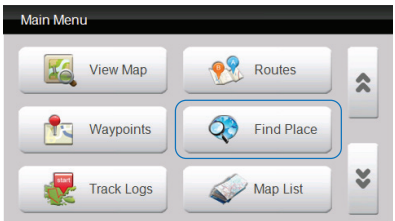
(Figure 1) Navigating to a waypoint



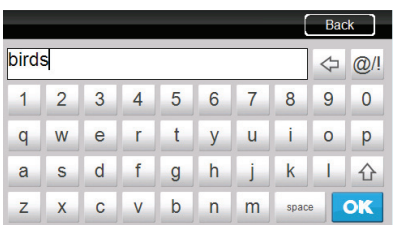
(Figure 2) Viewing a waypoint



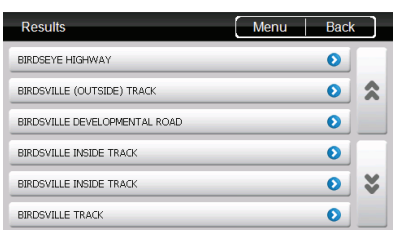
Searching for a location



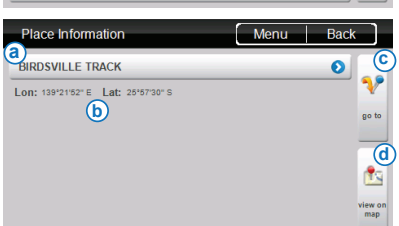
If you know the name of a place of interest, you can use the app's search feature to search for your destination via a keyboard. To begin, select the "Find Place" button.



Begin typing in part or the whole word your destination.



The search will return a list of results that contain part of the word typed into the search. Search results may vary depending on the maps loaded into the VMS app. Tap on the required place of choice.



When the destination has been selected, you are presented with an information page that contains some various options.

(a) Displays the title of the location

(b) Displays the longitude and latitude of the location

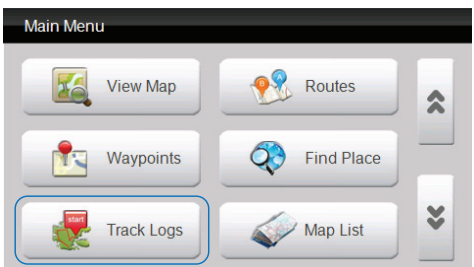
(c) Select the "Go to" button if you wish to set this location as your destination. A guidance line will automatically point in the direction of the destination from your current GPS Position.

(d) Select the "View on map" button if you wish to simply view the location of interest on the map.

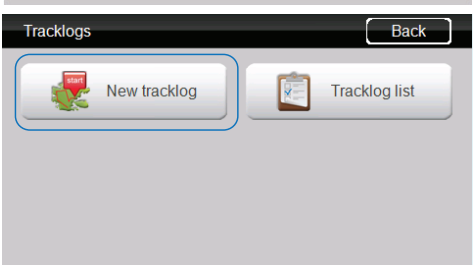
What is a tracklog?

A track log, also known as a bread crumb trail is simply a record of your previous GPS positions displayed as a “trail” on the map.

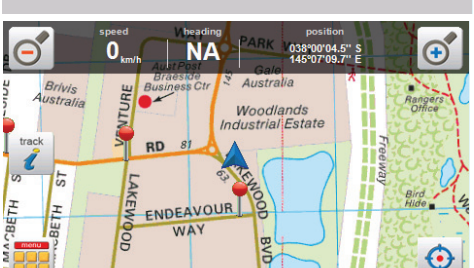
Creating a tracklog



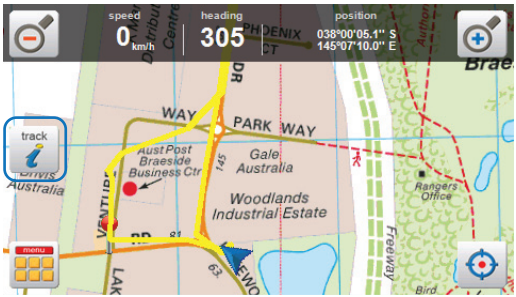
All the tracklog features can be accessed via the main menu by tapping on “Tracklog “button.



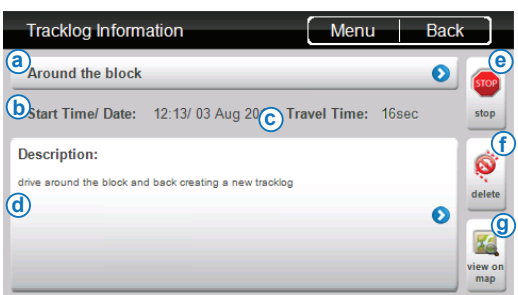
Press the “New track log” button to begin creating your new track log.



As soon as you select the “New track log” button, the map screen will be displayed and your track log will begin tracking from your current GPS position.



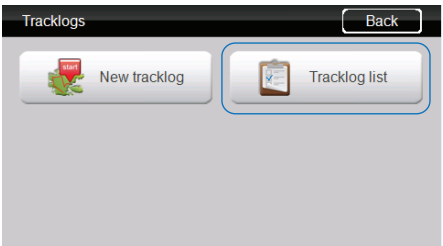
Your track log will be marked out by a yellow line as indicated on the map. If you wish to modify or stop the current track log, press the track button with the (i) symbol to bring up the Track log information page.



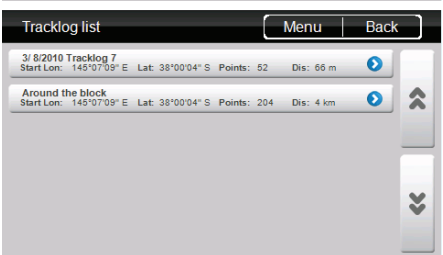
The track log information page will be displayed containing some various modification options relating to that track log file created.

(a) If required, title your track log by pressing into this box here. If you leave the track log untitled it will automatically title your track log with the date and track log number.
(b) Start Time/ Date: The Time and Date of the track log are recorded.
(c) Travel Time: A timer records the time that the track log has been active for.
(d) To add a description to the track log tap on the description box to add your own notes about this track log.
(e) Press the “Stop” button to stop the track log from recording your footsteps.
(f) Press the “Delete” button to delete this track log.
(g) Press the “view on map” button to view the current status of your track log.

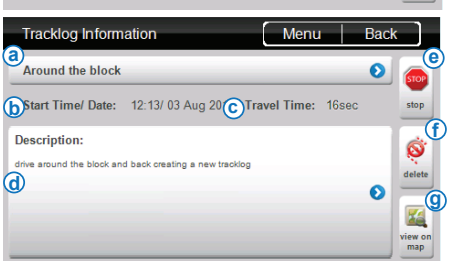
Accessing and modifying a tracklog



To access a track log previously recorded on the map, select the “Tracklog list” button from the track logs menu.



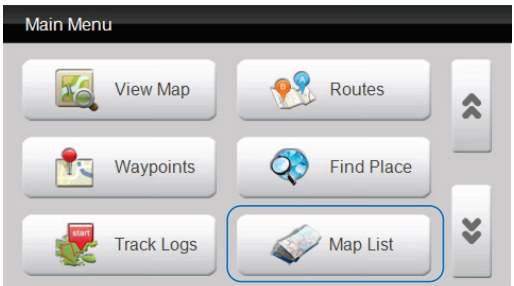
The tracklog list will bring up a list of all the tracklogs you have created in the past, from here you have the option of selecting a track log of interest which you wish to view on the map or modify it’s details.



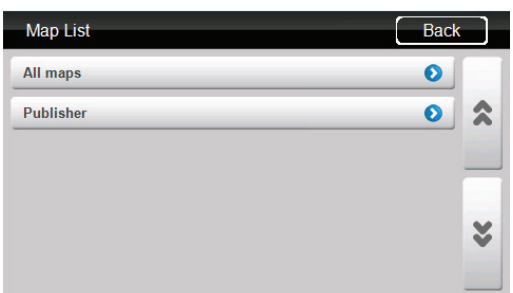
The tracklog information page will be displayed containing some various modification options relating to that track log file created.

(a) If required, modify the title of your track log by pressing into this box here.
(b) Start Time/ Date: The Time and Date of the track log are recorded.
(c) Travel Time: A timer records the time that the track log has been active for.
(d) To modify of add a description to the track log tap on the description box to add your own notes about this track log.
(e) Press the “Stop” button to stop the track log from recording your footsteps.
(f) Press the “Delete” button to delete this track log.
(g) Press the view on map button to view the track log.

Browsing the Map list



Get a list of all maps available with the "Map List" Button.

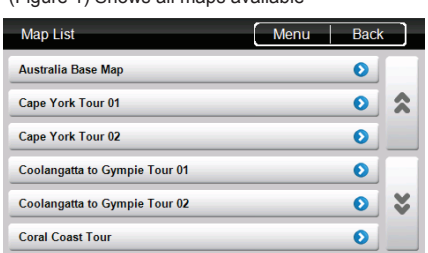


By Selecting all maps, you can browse alphabetically through every single map loaded in VMS format.
See Figure 1

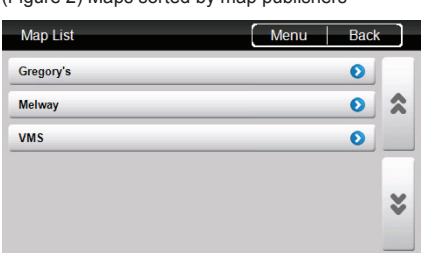
By selecting Publisher, your maps will be filtered according to the map publisher.
See Figure 2

To open the map, simply tap on the map you wish to open.

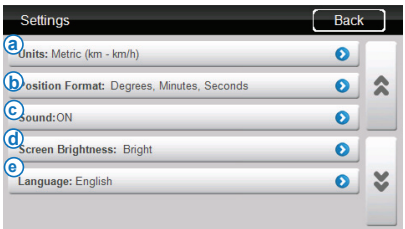
(Figure 1) Shows all maps available



(Figure 2) Maps sorted by map publishers



Accessing and modifying the settings



Change preferences via the “Settings” screen.

From within the settings, tap the setting you wish to change.

(a) Units: Change units to either:
- Metric (km - km/h)
- Imperial - (mi - mi/h ph)
- Nautical - (nm - knots)

(b) Position Format: Change Position format to either:- Degrees, Minutes, Seconds
- Degrees, Decimal Minutes
- Decimal Degrees

(c) Sound: Turn sound to On / Off

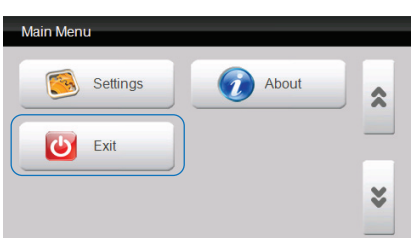
(d) Screen Brightness: Change screen brightness to either:
- Bright- Medium- Dark

(e) Language: Change the language format (Currently only English available)

ABOUT

The about menu will display the current version, as well as the build.

EXIT



Tap the Exit button to exit.

Note about Ozi Explorer Software

Dear Customer,

Thank you for choosing VMS. This touring system accommodate both Memory Map and Ozi Explorer mapping programs for off road navigation.

We have done this due to customers having issues adding the Ozi application to the touring series.

The unit is now pre-loaded with the demo version of Ozi Explorer and is ready to go, and should be hassle free.

The demo version has all the features of the registered version, with the exception that it will display "DEMO" on the map screen and will warn every 30 minutes that the software is unlicensed.

To register this software with OziExplorer, please follow the instructions below.

OPTION 1: Purchase a license from an authorised OziExplorer retailer:

Authorised Retailer: GPS OZ
Location: Mona Vale, NSW
Phone: 02 9999 2313
email: sales@gpsoz.com.au

OPTION 2: Purchase a license from D&L Software (www.oziexplorer.com)

On a PC with internet access, please visit: http://www.oziexplorer.com

- On the NAVIGATION BAR to the right, click on PURCHASING
- Select OziExplorer CE for Australia
- Follow the on screen instructions.

PLEASE NOTE: Customers who are not familar with OziExplorer may prefer option 1. GPS OZ staff members offer a high level of after sales service.

www.vms4x4.com

June 2011 / Rev 1.2

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